

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020524\
 Data File : VX040101.D
 Acq On : 05 Feb 2024 09:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2024
 Supervised By : Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 02:54:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	103614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174516	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	166868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	72308	43.362	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.720%		
35) Dibromofluoromethane	5.379	113	57936	48.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	8.647	98	217661	48.992	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.079	95	84452	49.367	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	66071	56.614	ug/l	98
3) Chloromethane	1.294	50	59472	53.734	ug/l	95
4) Vinyl Chloride	1.374	62	50922	49.748	ug/l	100
5) Bromomethane	1.599	94	49669	49.915	ug/l	97
6) Chloroethane	1.678	64	27768	41.091	ug/l	99
7) Trichlorofluoromethane	1.886	101	65400	40.157	ug/l	96
8) Diethyl Ether	2.130	74	24915	43.272	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	62201	51.188	ug/l	99
10) Methyl Iodide	2.453	142	63325	48.955	ug/l	94
11) Tert butyl alcohol	2.953	59	75180	248.469	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	59113	50.723	ug/l	89
13) Acrolein	2.233	56	76207	262.880	ug/l	100
14) Allyl chloride	2.660	41	105830	50.379	ug/l	98
15) Acrylonitrile	3.056	53	189870	250.508	ug/l	99
16) Acetone	2.373	43	226933	290.448	ug/l	94
17) Carbon Disulfide	2.508	76	158109	46.402	ug/l	98
18) Methyl Acetate	2.696	43	104945	56.698	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	202088	50.622	ug/l	100
20) Methylene Chloride	2.788	84	67375	48.524	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	62258	48.509	ug/l	91
22) Diisopropyl ether	3.751	45	199262	48.970	ug/l	94
23) Vinyl Acetate	3.715	43	907575	249.224	ug/l	100
24) 1,1-Dichloroethane	3.605	63	115470	49.548	ug/l	99
25) 2-Butanone	4.544	43	249644	229.851	ug/l	95
26) 2,2-Dichloropropane	4.471	77	90479	49.758	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	68510	47.840	ug/l	94
28) Bromochloromethane	4.891	49	53582	49.307	ug/l	96
29) Tetrahydrofuran	4.995	42	158933	230.142	ug/l	98
30) Chloroform	5.086	83	117031	46.767	ug/l	99
31) Cyclohexane	5.464	56	95617	45.776	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	102547	47.750	ug/l	100
36) 1,1-Dichloropropene	5.690	75	85864	49.975	ug/l	98
37) Ethyl Acetate	4.702	43	92058	49.061	ug/l	98
38) Carbon Tetrachloride	5.672	117	84805	51.586	ug/l	97
39) Methylcyclohexane	7.379	83	101136	48.381	ug/l	95
40) Benzene	6.031	78	245971	49.153	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	50161	52.713	ug/l	93
42) 1,2-Dichloroethane	6.080	62	91556	47.528	ug/l	98
43) Isopropyl Acetate	6.336	43	149710	50.595	ug/l	99
44) Trichloroethene	7.123	130	62433	47.410	ug/l	97
45) 1,2-Dichloropropane	7.427	63	64012	48.448	ug/l	96
46) Dibromomethane	7.574	93	47706	48.104	ug/l	99
47) Bromodichloromethane	7.818	83	92712	52.490	ug/l	99
48) Methyl methacrylate	7.690	41	73975	50.750	ug/l	92
49) 1,4-Dioxane	7.653	88	30397	959.651	ug/l #	90
51) 4-Methyl-2-Pentanone	8.567	43	521096	257.979	ug/l	99
52) Toluene	8.714	92	158684	50.876	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	98704	53.880	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	104658	53.540	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	66598	51.585	ug/l	94
56) Ethyl methacrylate	9.110	69	105865	56.153	ug/l	96
57) 1,3-Dichloropropane	9.305	76	107191	50.406	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	278248	293.498	ug/l	99
59) 2-Hexanone	9.427	43	435953	270.692	ug/l	100
60) Dibromochloromethane	9.518	129	70406	54.273	ug/l	99
61) 1,2-Dibromoethane	9.604	107	72045	51.616	ug/l	98
64) Tetrachloroethene	9.268	164	54326	50.035	ug/l	97
65) Chlorobenzene	10.073	112	169474	49.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	61186	52.529	ug/l	98
67) Ethyl Benzene	10.189	91	309908	50.078	ug/l	99
68) m/p-Xylenes	10.299	106	236806	101.715	ug/l	100
69) o-Xylene	10.640	106	115944	52.502	ug/l	99
70) Styrene	10.652	104	192300	51.665	ug/l	99
71) Bromoform	10.799	173	50543	53.219	ug/l #	100
73) Isopropylbenzene	10.957	105	310113	49.701	ug/l	99
74) N-amyl acetate	10.841	43	146000	49.180	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	109923	46.858	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	90867m	49.107	ug/l	
77) Bromobenzene	11.195	156	73254	50.895	ug/l	95
78) n-propylbenzene	11.305	91	382919	49.870	ug/l	99
79) 2-Chlorotoluene	11.360	91	222908	48.223	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	267214	49.819	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	30738	52.094	ug/l	93
82) 4-Chlorotoluene	11.451	91	263964	49.753	ug/l	100
83) tert-Butylbenzene	11.713	119	254260	49.538	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	265375	49.582	ug/l	98
85) sec-Butylbenzene	11.890	105	338245	49.742	ug/l	99
86) p-Isopropyltoluene	12.006	119	279128	50.269	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	142466	49.065	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	142467	47.932	ug/l	99
89) n-Butylbenzene	12.329	91	268265	49.775	ug/l	97
90) Hexachloroethane	12.536	117	45754	50.395	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	135331	48.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25348	47.668	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	87983	50.274	ug/l	98
94) Hexachlorobutadiene	13.725	225	35277	51.173	ug/l	97
95) Naphthalene	13.774	128	294237	49.501	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	86421	49.944	ug/l	99

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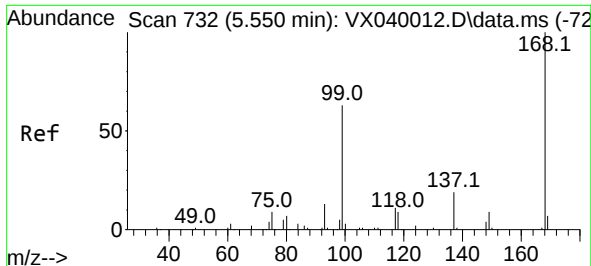
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/06/2024

Quant Time: Feb 06 02:54:05 2024
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Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration

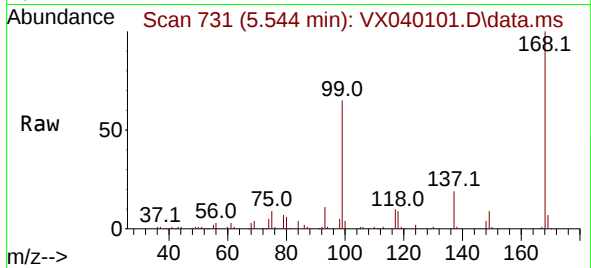
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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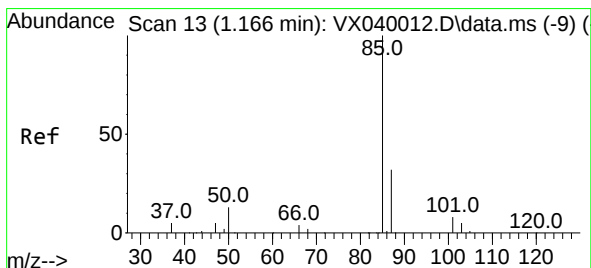
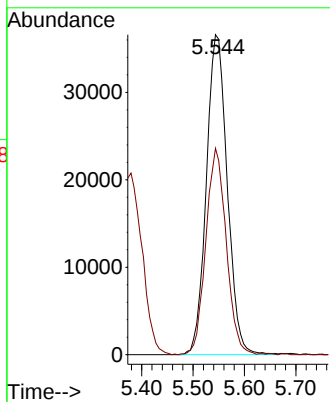
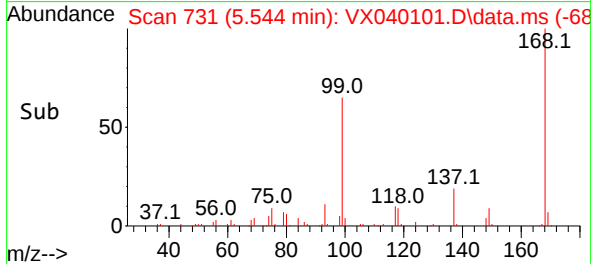
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 103614
Ion Ratio Lower Upper
168 100
99 64.5 56.6 85.0

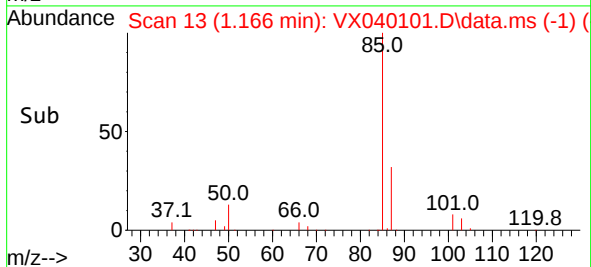
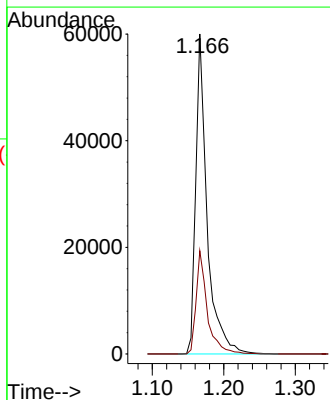
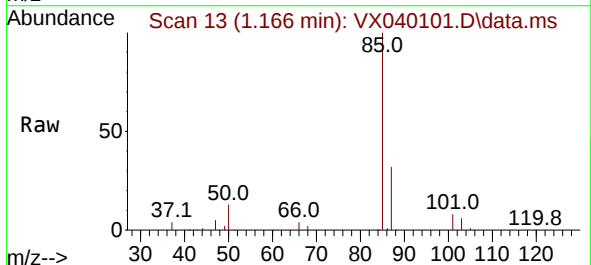
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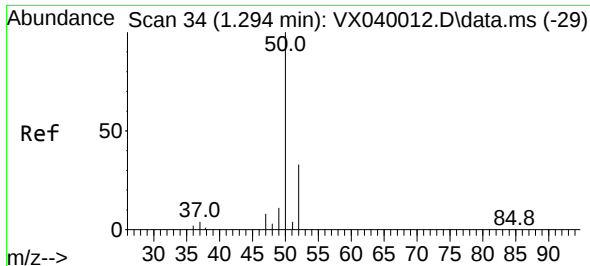
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#2
Dichlorodifluoromethane
Concen: 56.614 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

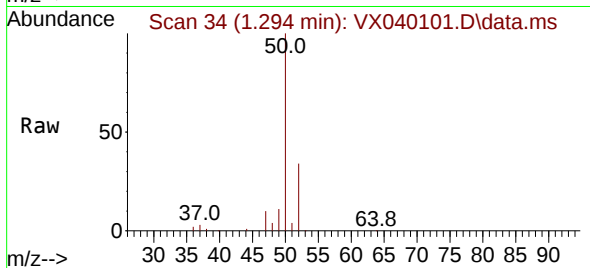
Tgt Ion: 85 Resp: 66071
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 53.734 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

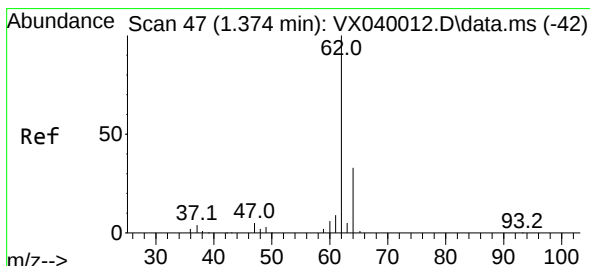
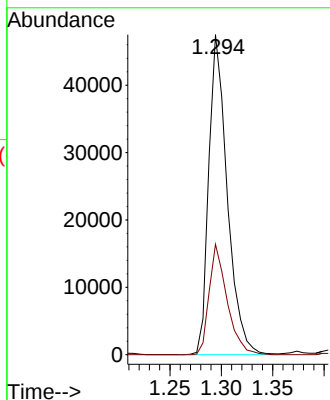
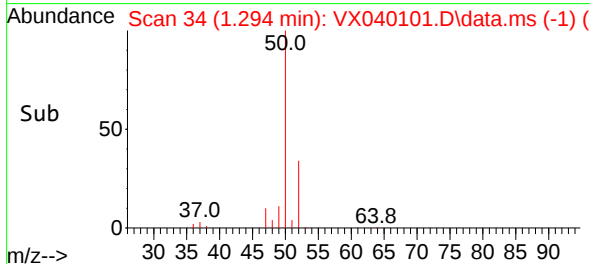
Instrument :
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Tgt Ion: 50 Resp: 59472
Ion Ratio Lower Upper
50 100
52 34.5 25.5 38.3

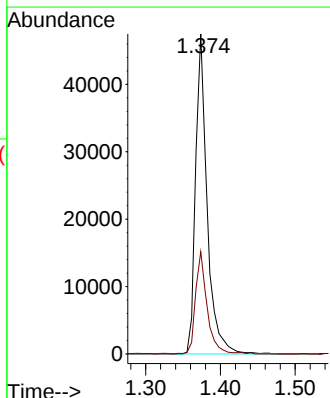
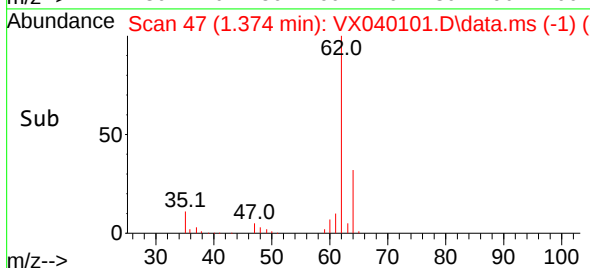
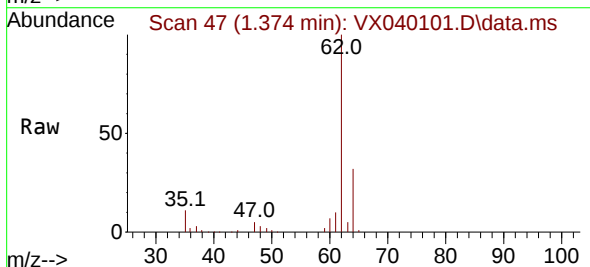
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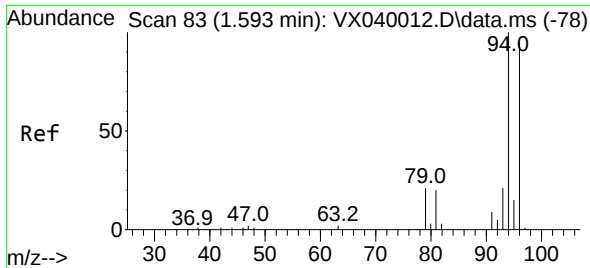
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#4
Vinyl Chloride
Concen: 49.748 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

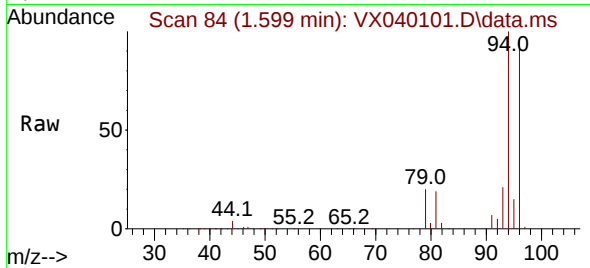
Tgt Ion: 62 Resp: 50922
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 49.915 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

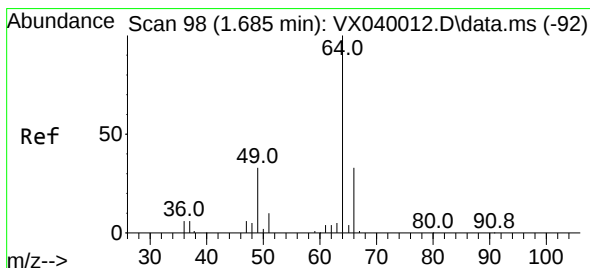
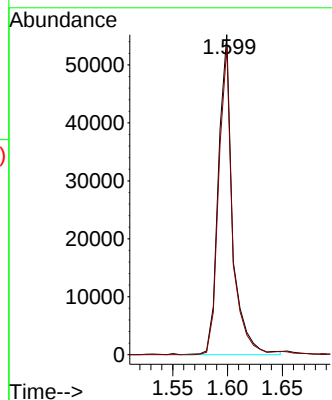
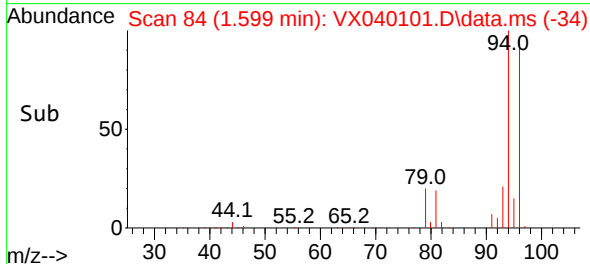
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Tgt Ion: 94 Resp: 49669
Ion Ratio Lower Upper
94 100
96 96.2 74.6 111.8

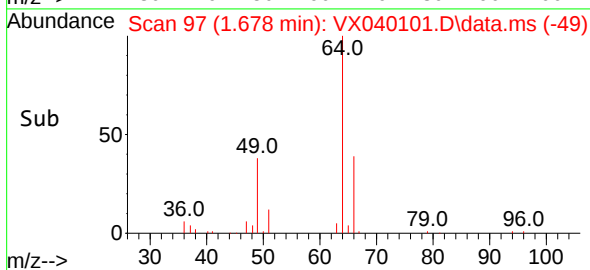
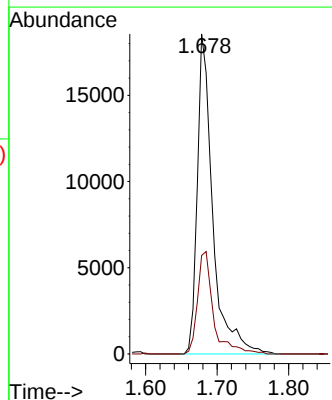
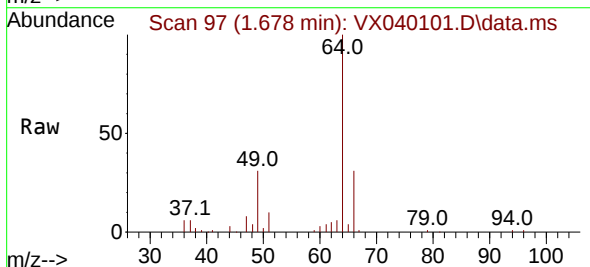
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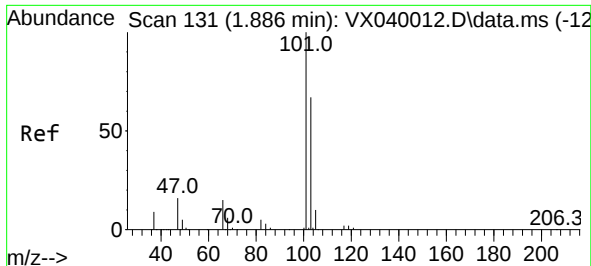
Reviewed By :John Carlone 02/06/2024
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#6
Chloroethane
Concen: 41.091 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040101.D
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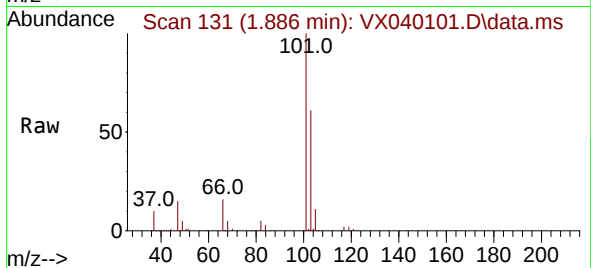
Tgt Ion: 64 Resp: 27768
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7





#7
Trichlorofluoromethane
Concen: 40.157 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

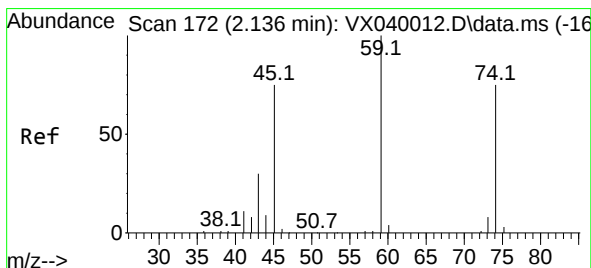
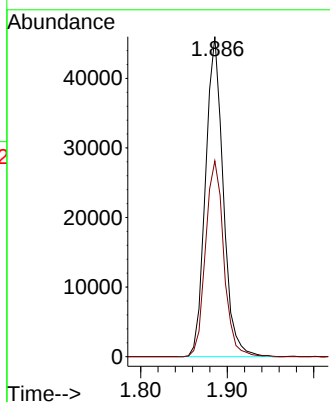
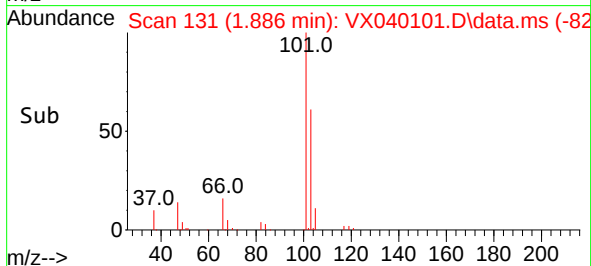
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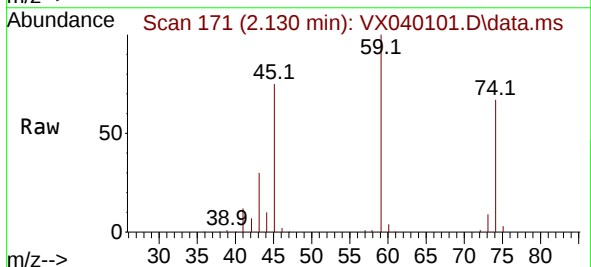
Tgt Ion:101 Resp: 65400
Ion Ratio Lower Upper
101 100
103 61.2 51.4 77.2

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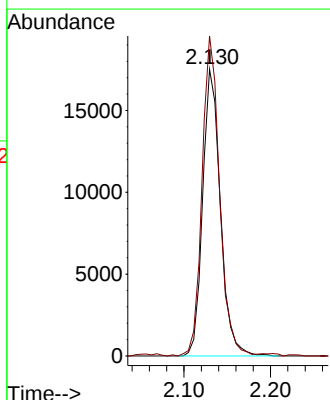
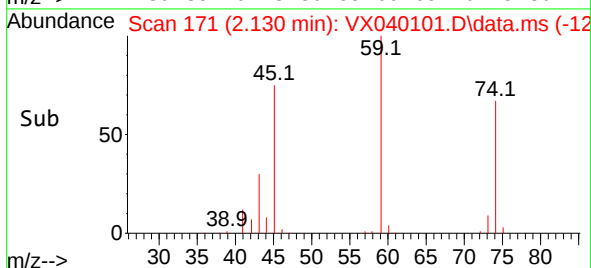
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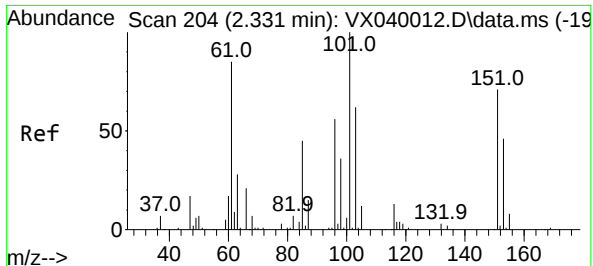


#8
Diethyl Ether
Concen: 43.272 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 24915
Ion Ratio Lower Upper
74 100
45 110.2 53.3 159.8





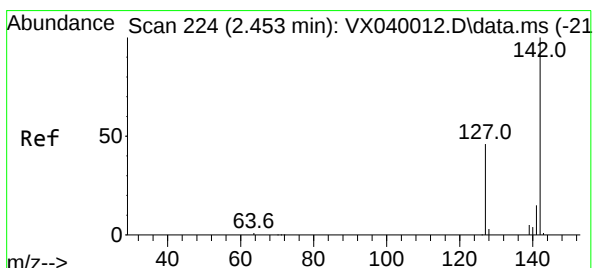
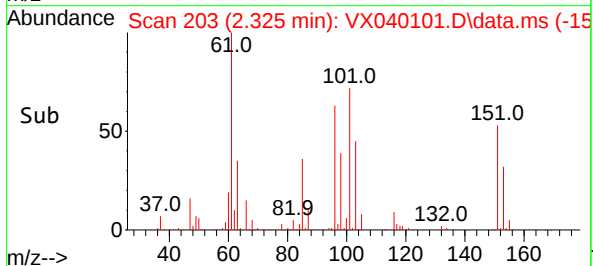
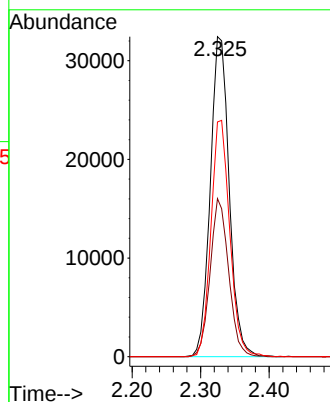
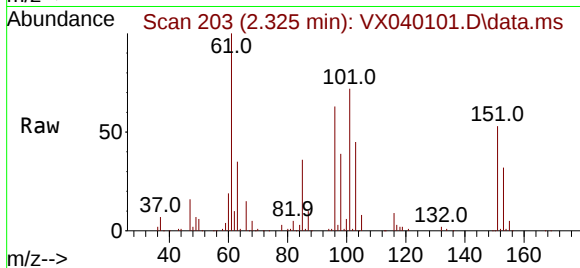
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.188 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6220
Ion Ratio Lower Upper
101 100
85 48.3 37.0 55.6
151 73.4 58.6 87.8

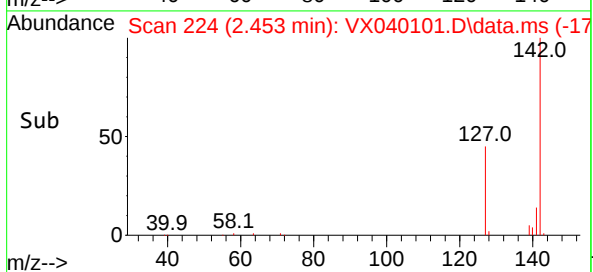
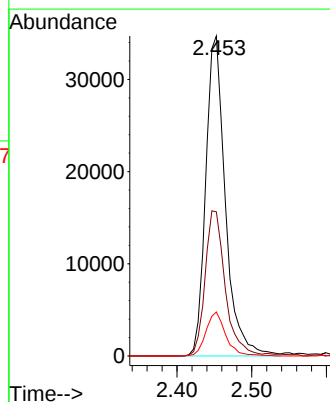
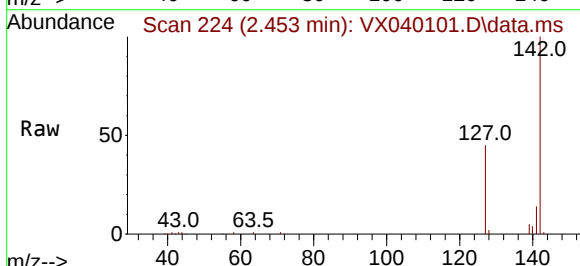
Manual Integrations
APPROVED

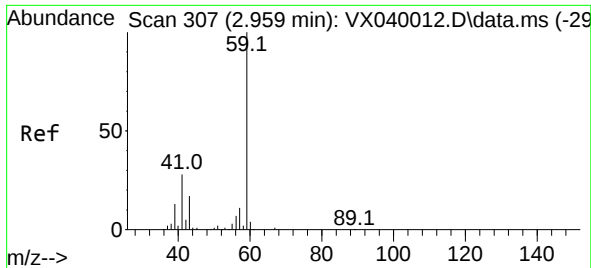
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#10
Methyl Iodide
Concen: 48.955 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion:142 Resp: 63325
Ion Ratio Lower Upper
142 100
127 47.3 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 248.469 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 75180

Ion Ratio Lower Upper

59 100

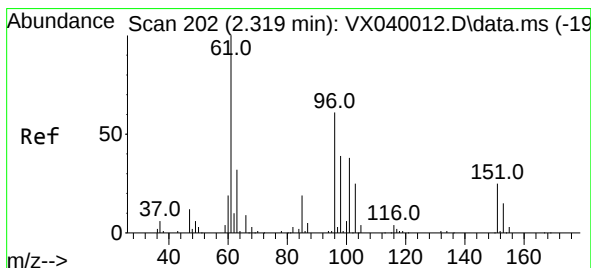
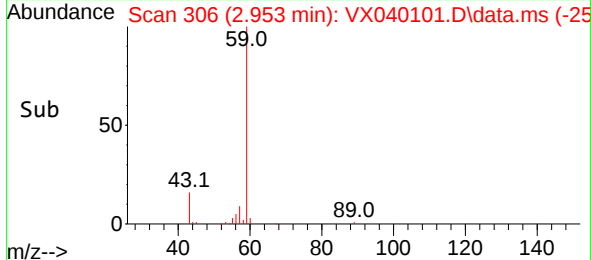
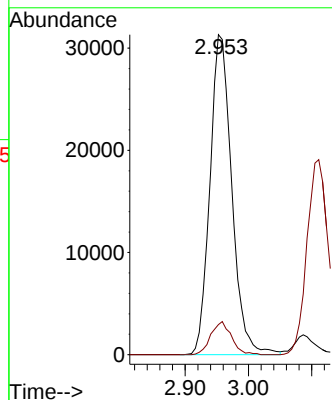
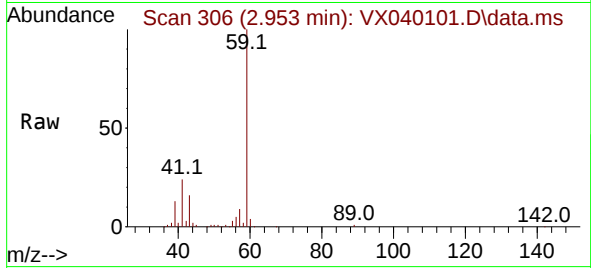
57 9.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#12

1,1-Dichloroethene

Concen: 50.723 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

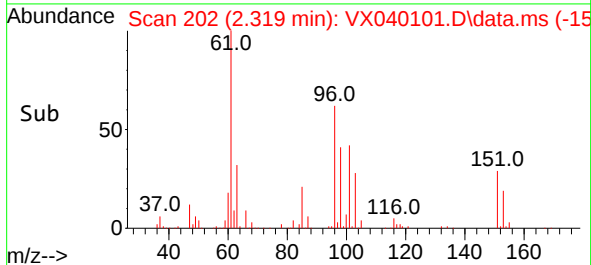
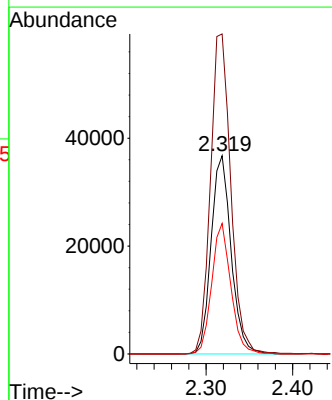
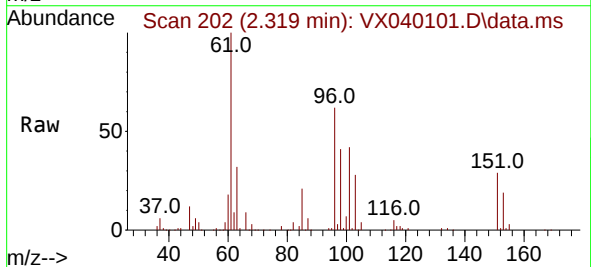
Tgt Ion: 96 Resp: 59113

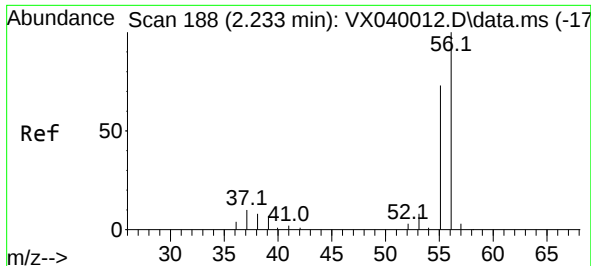
Ion Ratio Lower Upper

96 100

61 161.4 144.6 216.8

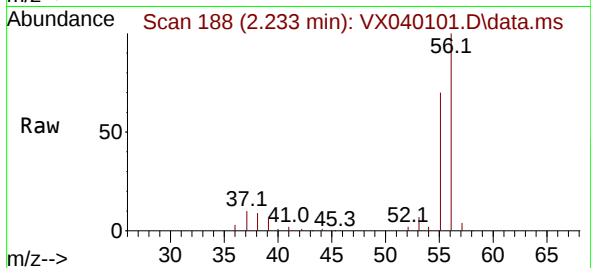
98 65.8 50.4 75.6





#13
Acrolein
Concen: 262.880 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

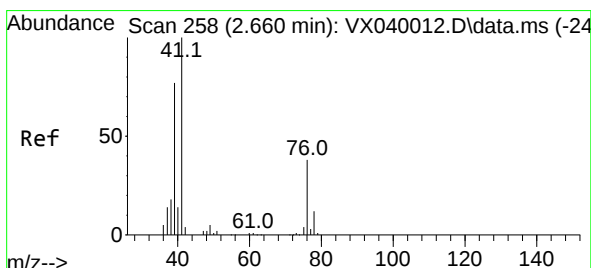
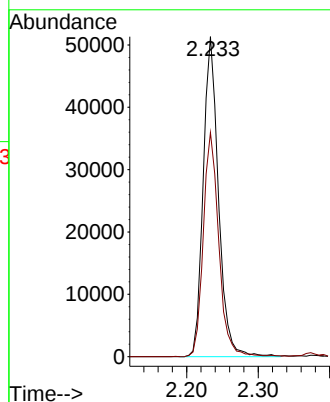
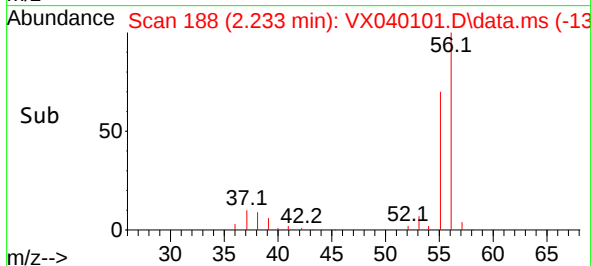
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7620
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

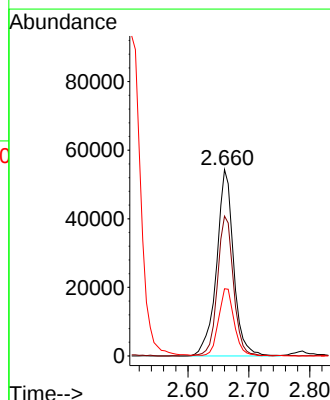
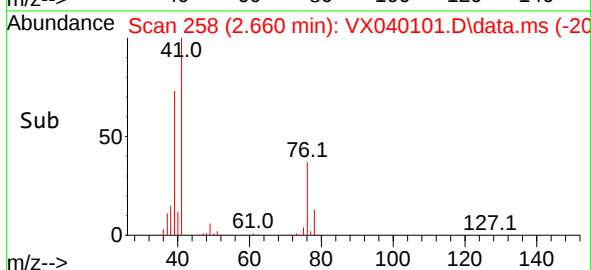
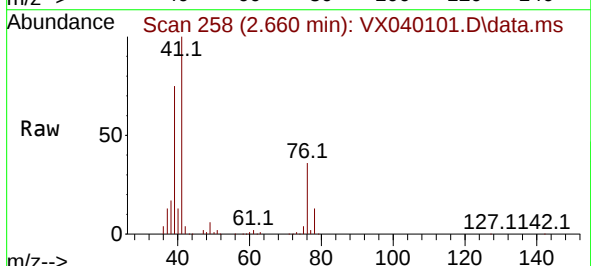
Manual Integrations
APPROVED

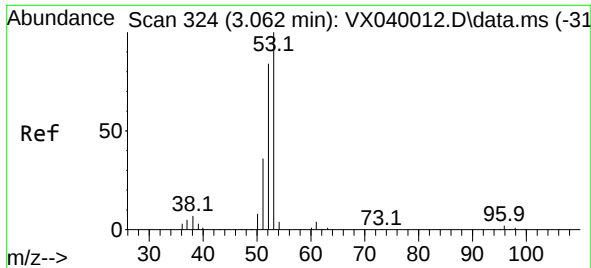
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#14
Allyl chloride
Concen: 50.379 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

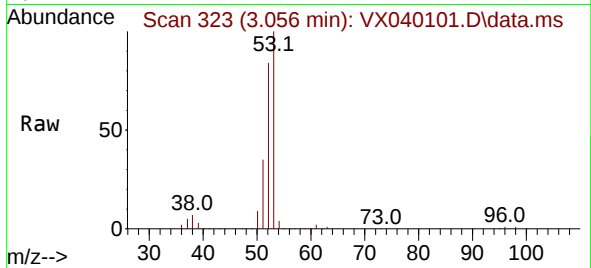
Tgt Ion: 41 Resp: 105830
Ion Ratio Lower Upper
41 100
39 70.3 55.8 83.6
76 33.0 24.3 36.5





#15
Acrylonitrile
Concen: 250.508 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

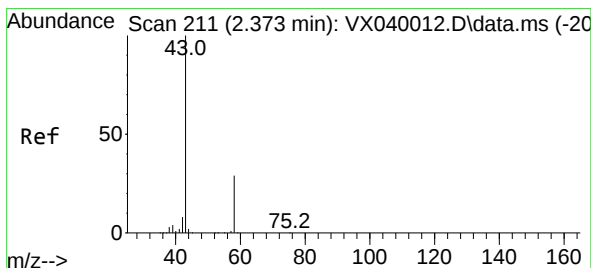
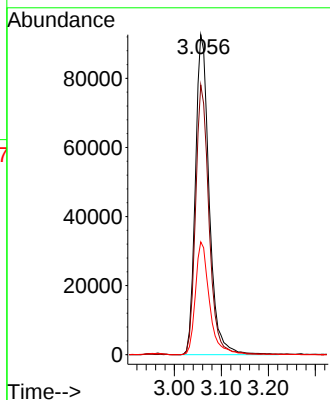
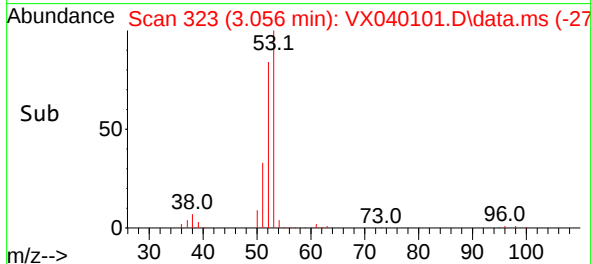
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 189870
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 36.0 29.8 44.6

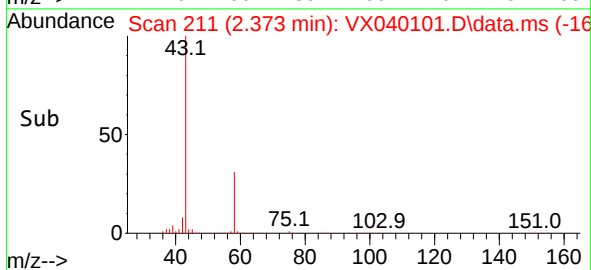
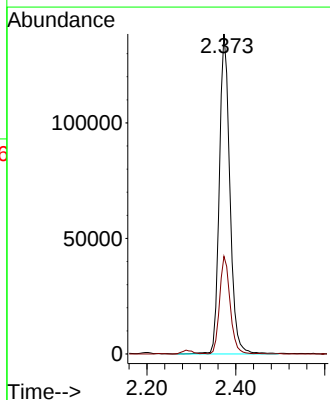
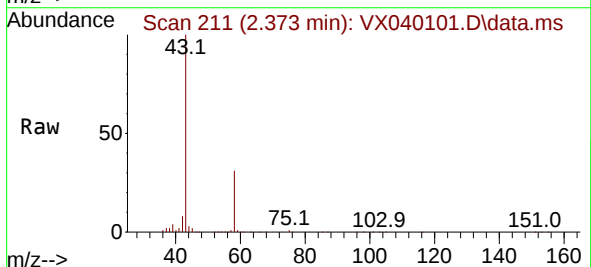
Manual Integrations
APPROVED

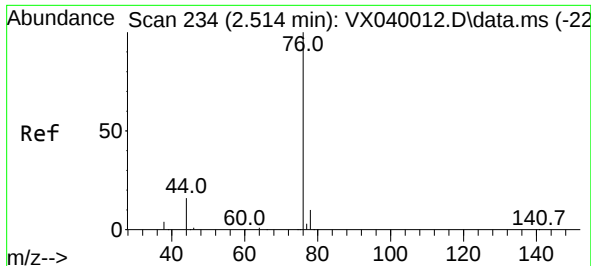
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#16
Acetone
Concen: 290.448 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion: 43 Resp: 226933
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





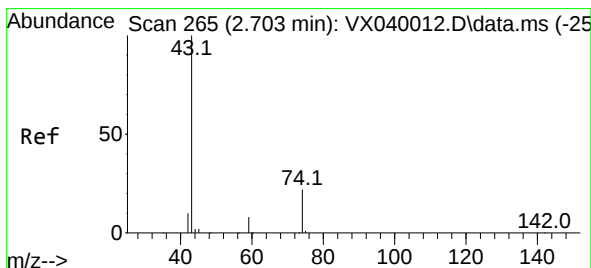
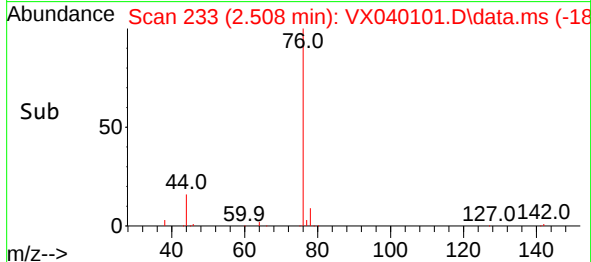
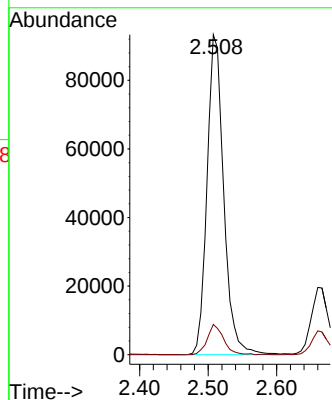
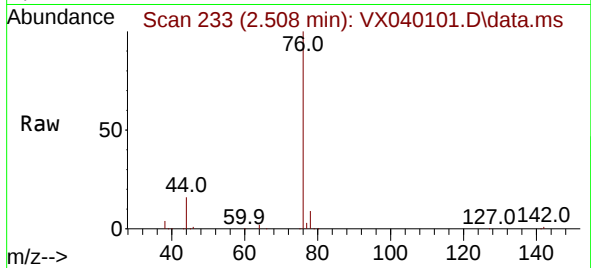
#17
Carbon Disulfide
Concen: 46.402 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 158109
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

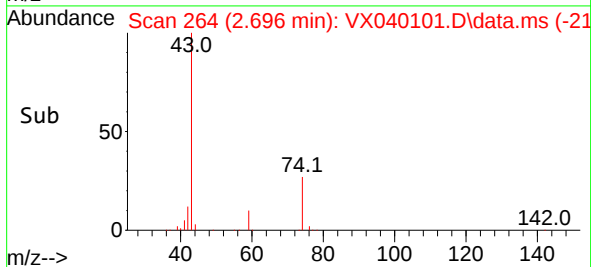
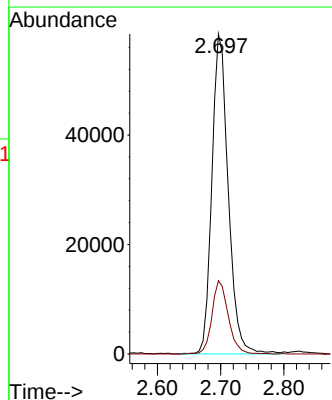
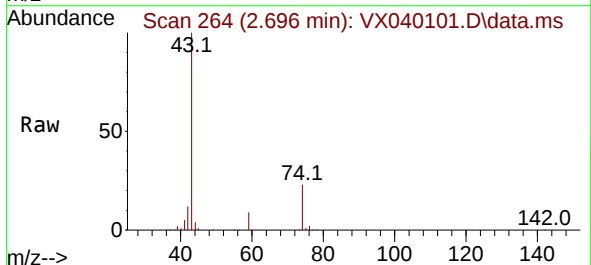
Manual Integrations
APPROVED

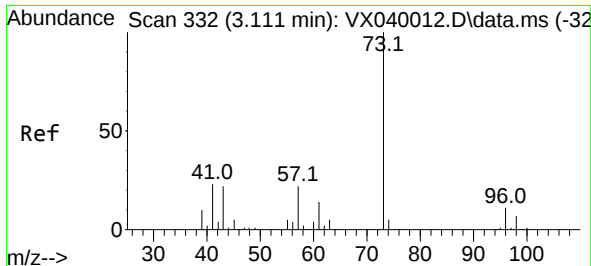
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#18
Methyl Acetate
Concen: 56.698 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

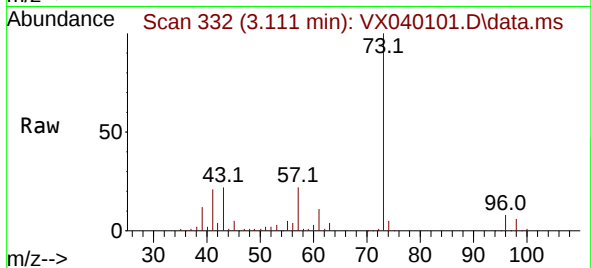
Tgt Ion: 43 Resp: 104945
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.622 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

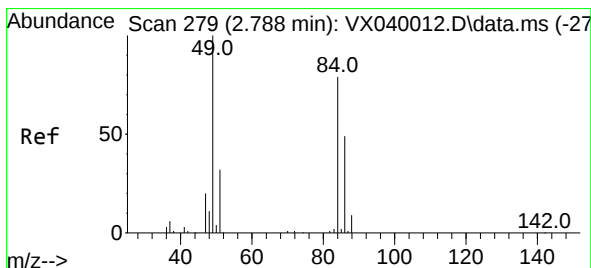
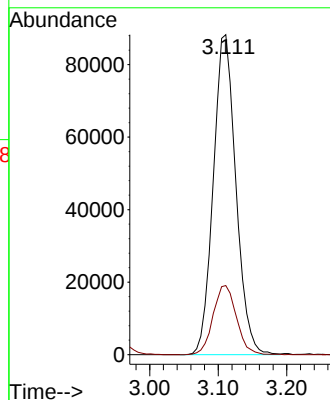
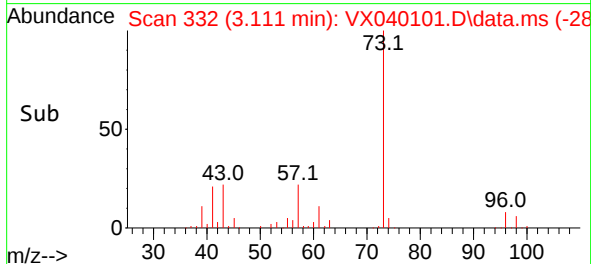
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 202088
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

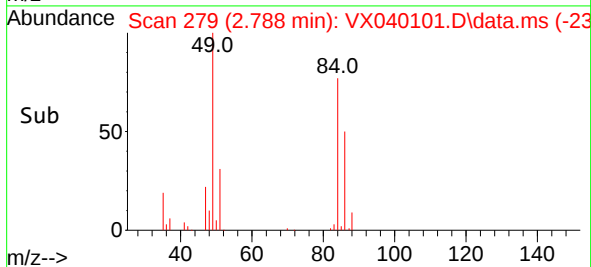
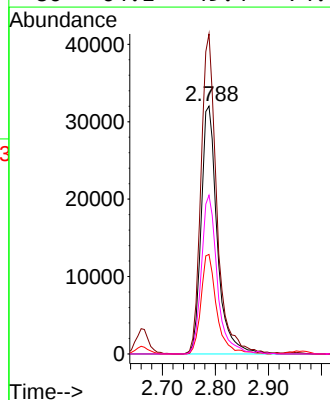
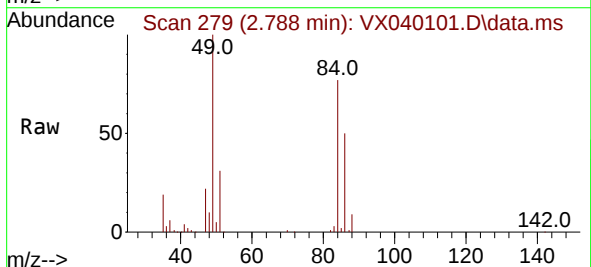
Manual Integrations
APPROVED

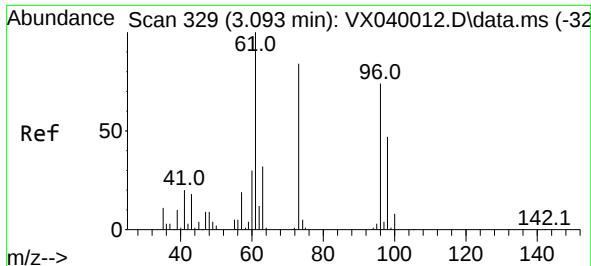
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#20
Methylene Chloride
Concen: 48.524 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

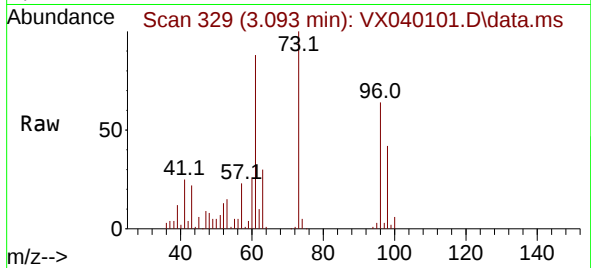
Tgt Ion: 84 Resp: 67375
Ion Ratio Lower Upper
84 100
49 129.1 103.6 155.4
51 40.2 33.8 50.6
86 64.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.509 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

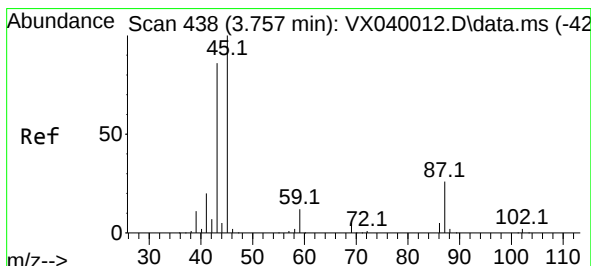
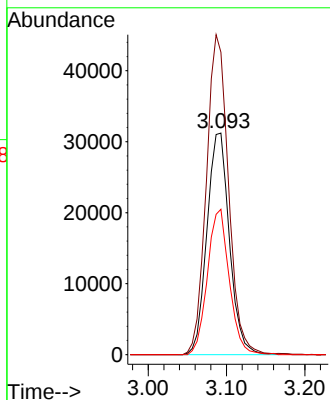
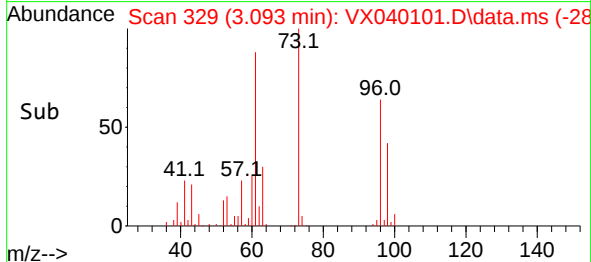
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



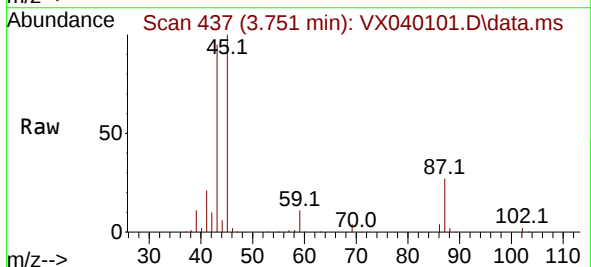
Tgt Ion: 96 Resp: 62258
Ion Ratio Lower Upper
96 100
61 136.5 119.2 178.8
98 65.6 48.7 73.1

Manual Integrations
APPROVED

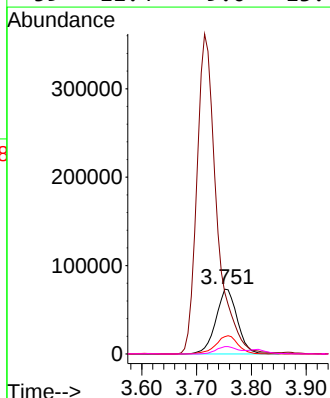
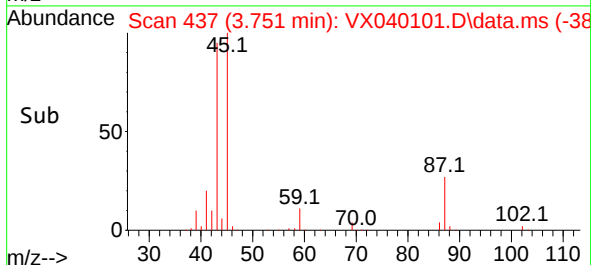
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

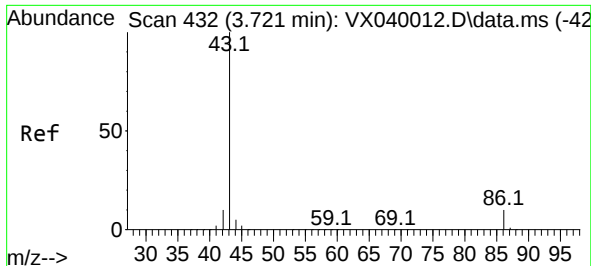


#22
Diisopropyl ether
Concen: 48.970 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27



Tgt Ion: 45 Resp: 199262
Ion Ratio Lower Upper
45 100
43 94.6 69.7 104.5
87 26.8 20.8 31.2
59 11.4 9.0 13.4





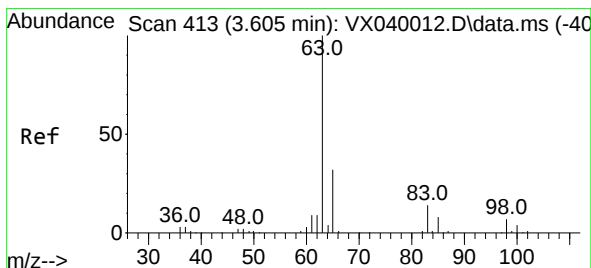
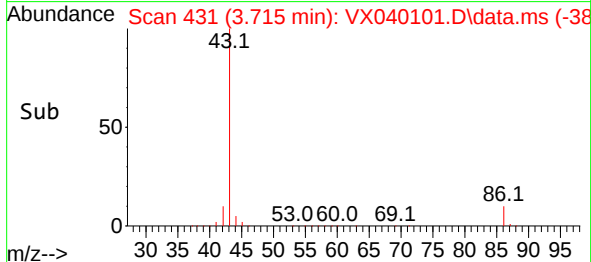
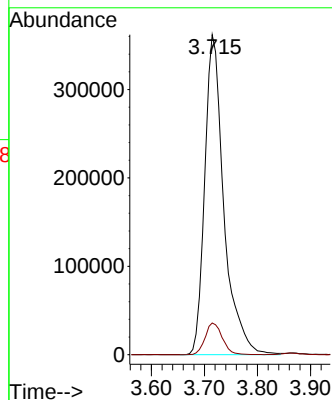
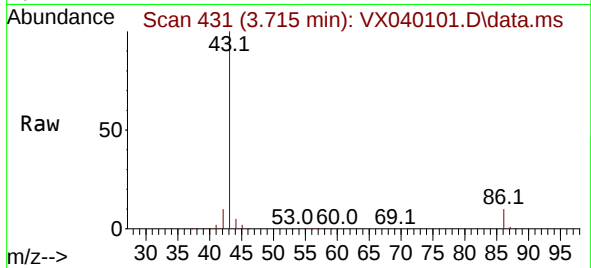
#23
 Vinyl Acetate
 Concen: 249.224 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX040101.D
 Acq: 05 Feb 2024 09:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 90757
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

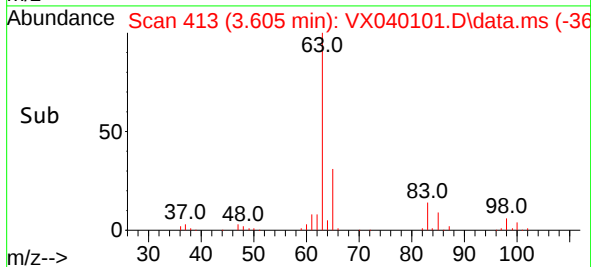
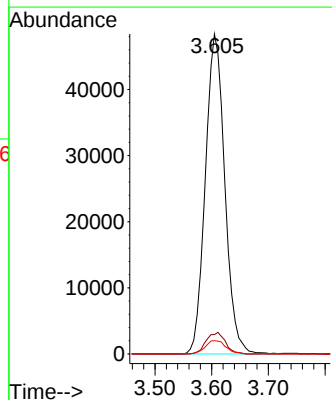
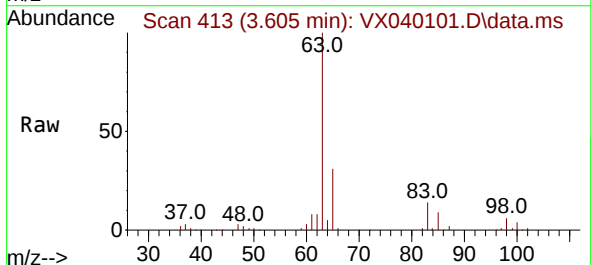
Manual Integrations
 APPROVED

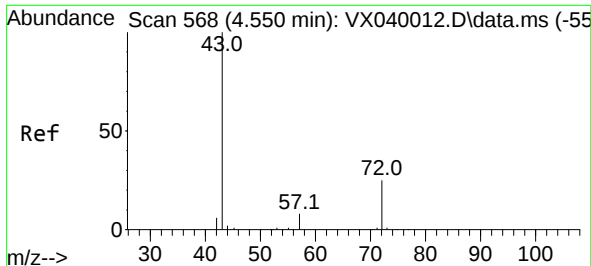
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024



#24
 1,1-Dichloroethane
 Concen: 49.548 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040101.D
 Acq: 05 Feb 2024 09:27

Tgt Ion: 63 Resp: 115470
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.1 2.1 6.5





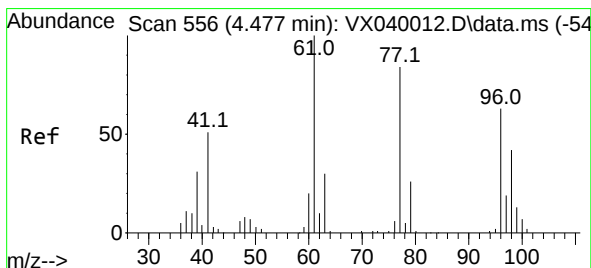
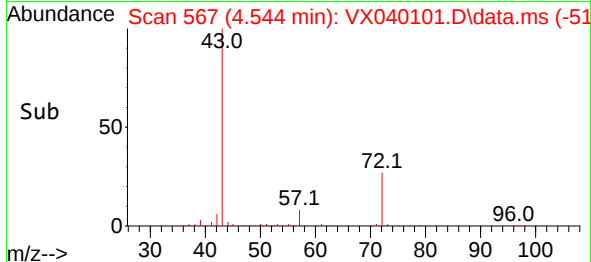
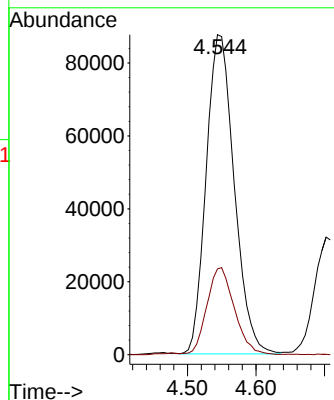
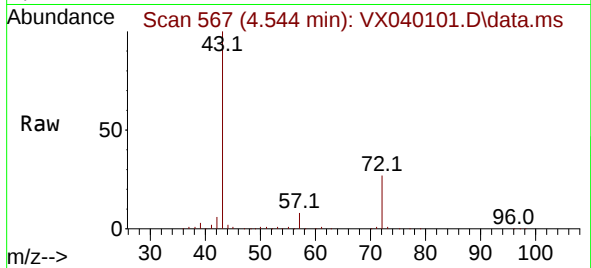
#25
2-Butanone
Concen: 229.851 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 249644
Ion Ratio Lower Upper
43 100
72 26.7 19.4 29.2

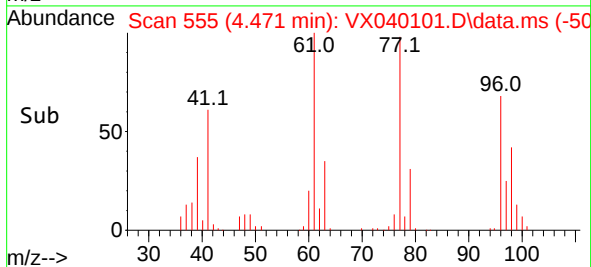
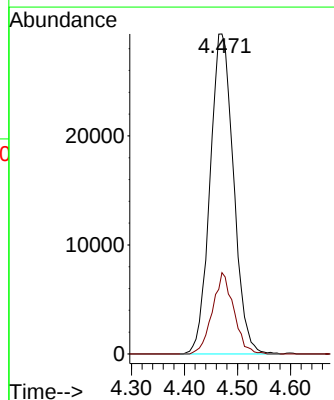
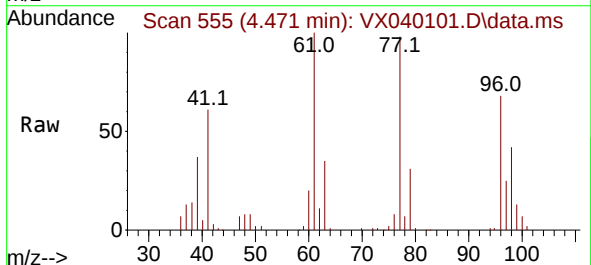
Manual Integrations
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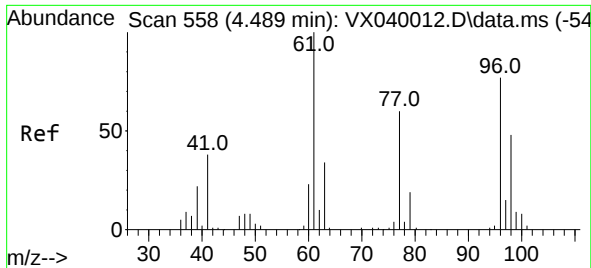
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#26
2,2-Dichloropropane
Concen: 49.758 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion: 77 Resp: 90479
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.840 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 68510

Ion Ratio Lower Upper

96 100

61 145.3 0.0 312.2

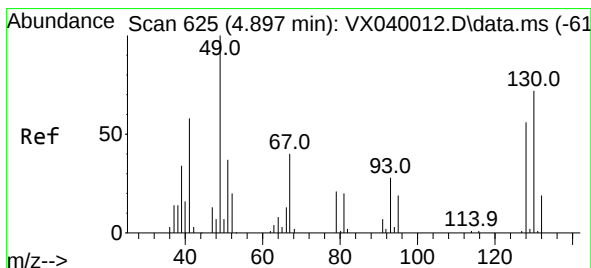
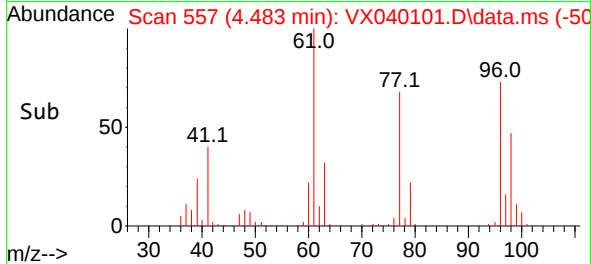
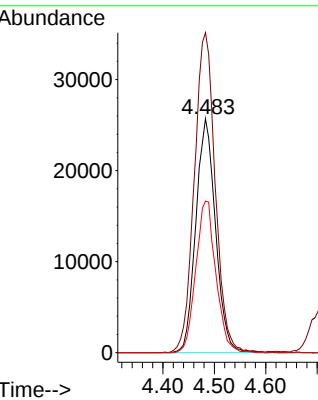
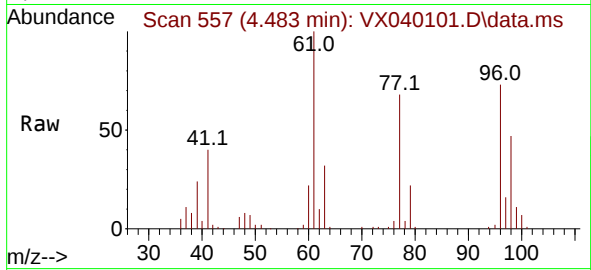
98 66.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#28

Bromochloromethane

Concen: 49.307 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

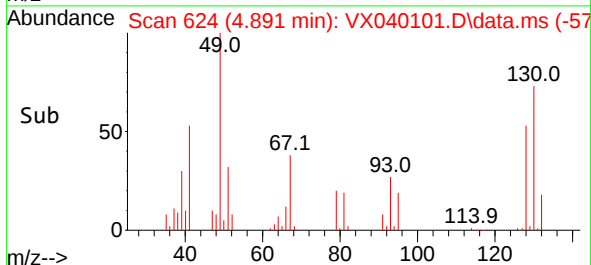
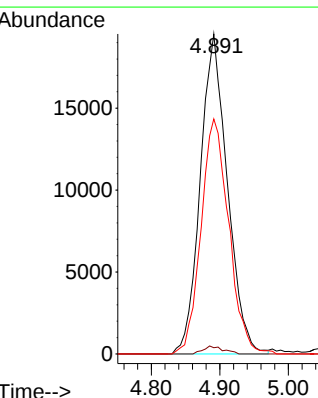
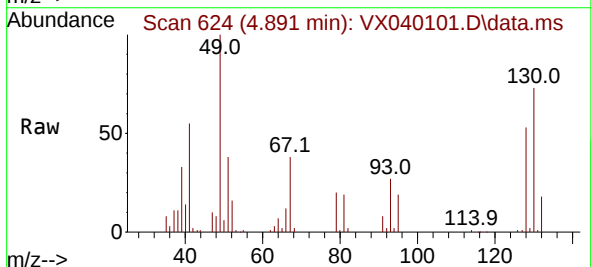
Tgt Ion: 49 Resp: 53582

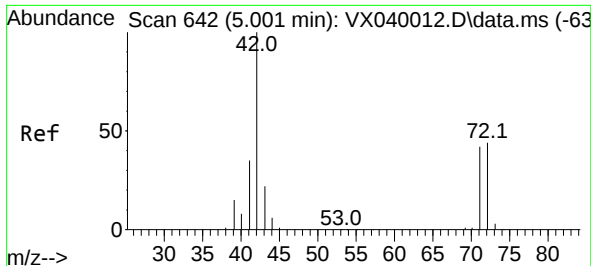
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 75.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 230.142 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 15893

Ion Ratio Lower Upper

42 100

72 44.1 34.2 51.4

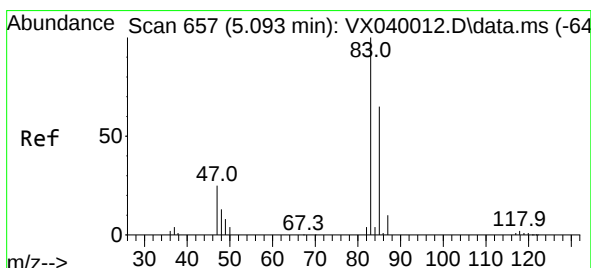
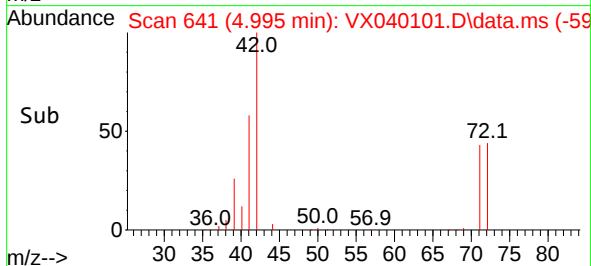
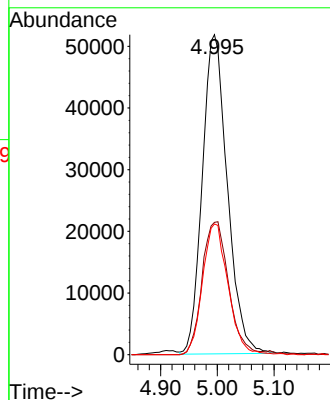
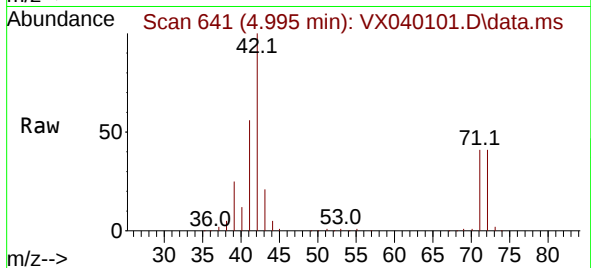
71 41.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#30

Chloroform

Concen: 46.767 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX040101.D

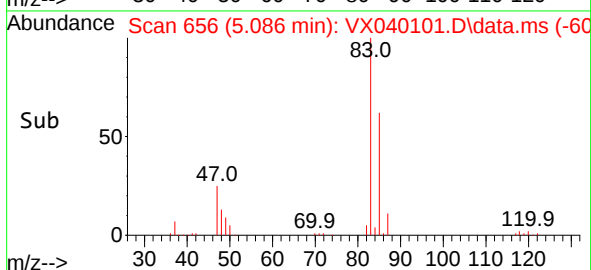
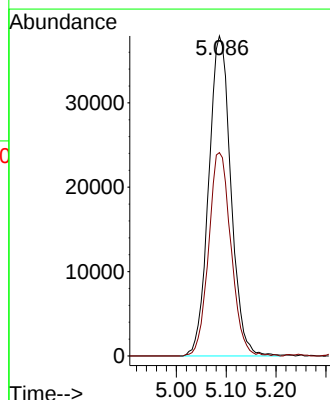
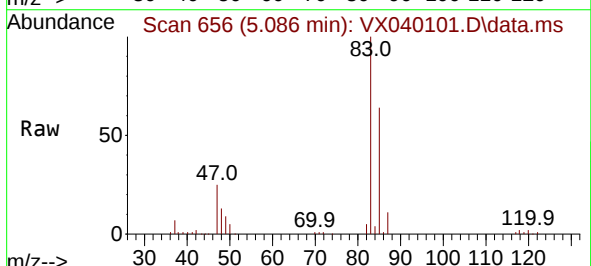
Acq: 05 Feb 2024 09:27

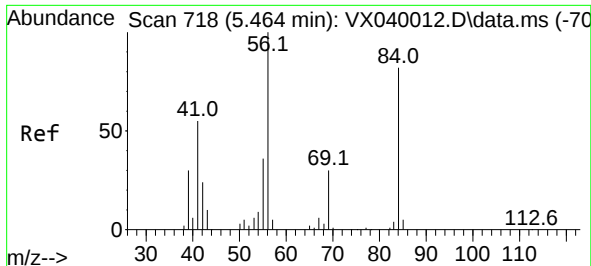
Tgt Ion: 83 Resp: 117031

Ion Ratio Lower Upper

83 100

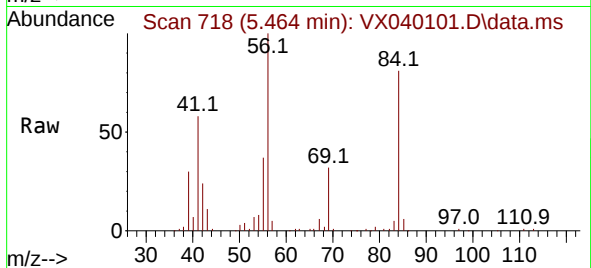
85 63.5 50.3 75.5





#31
Cyclohexane
Concen: 45.776 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

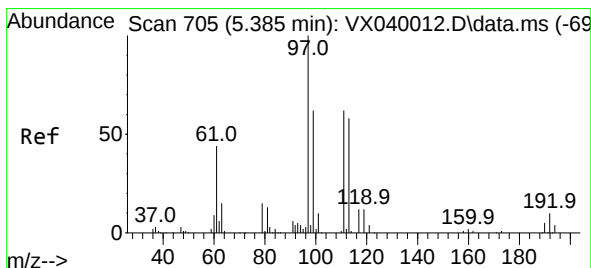
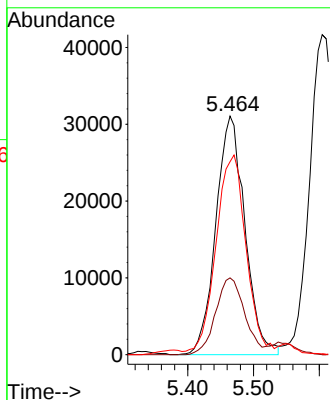
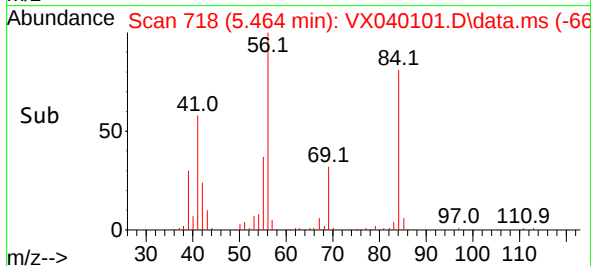
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 9561
Ion Ratio Lower Upper
56 100
69 32.2 23.4 35.2
84 79.0 65.9 98.9

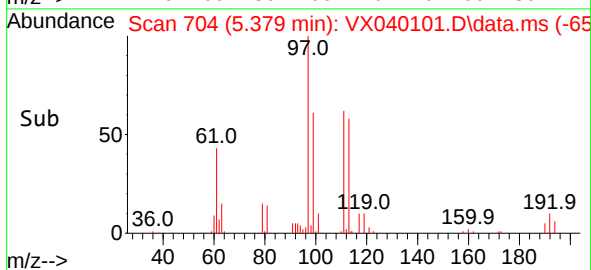
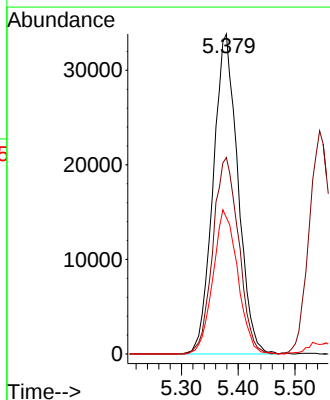
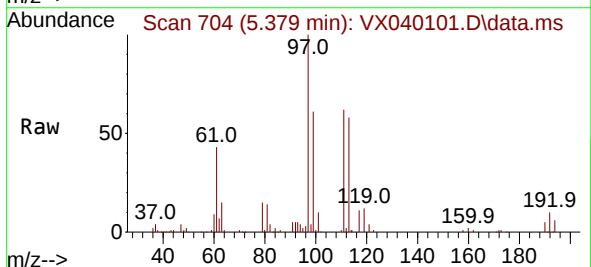
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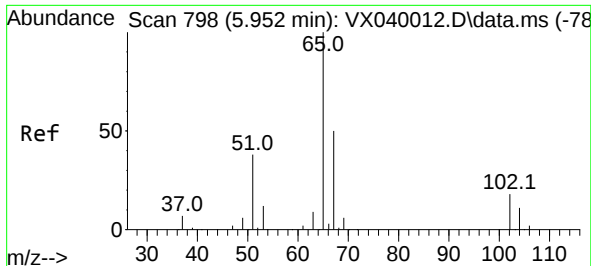
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#32
1,1,1-Trichloroethane
Concen: 47.750 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion: 97 Resp: 102547
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 45.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 43.362 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 72308

Ion Ratio Lower Upper

65 100

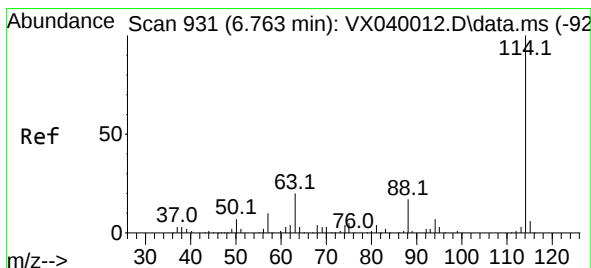
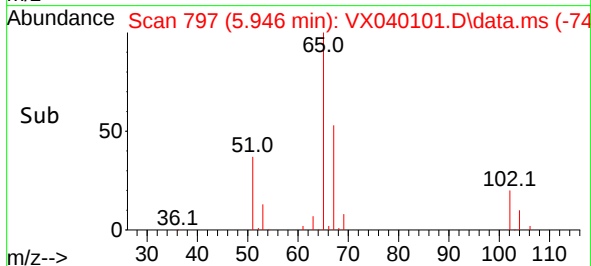
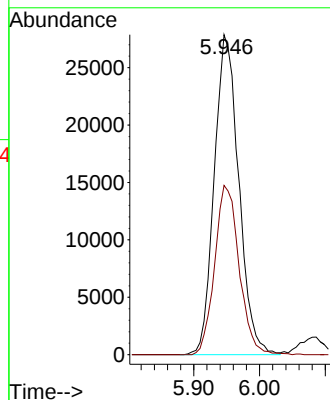
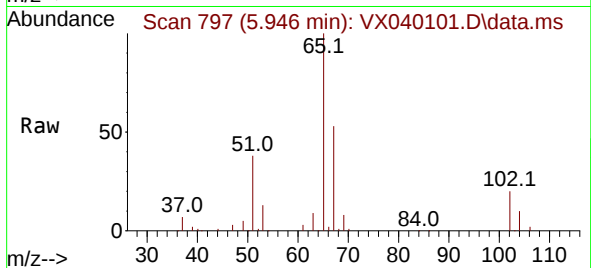
67 52.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

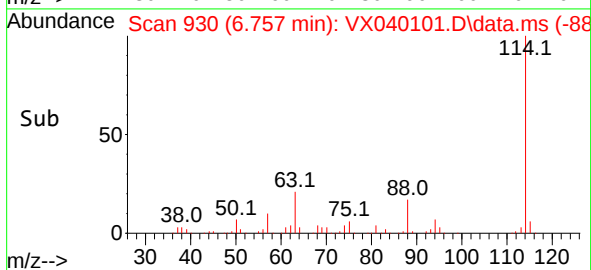
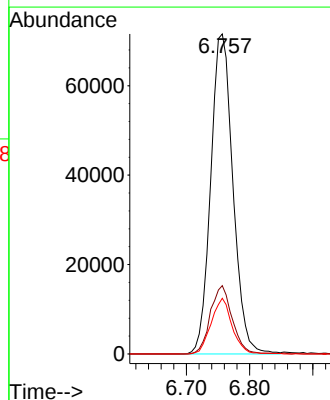
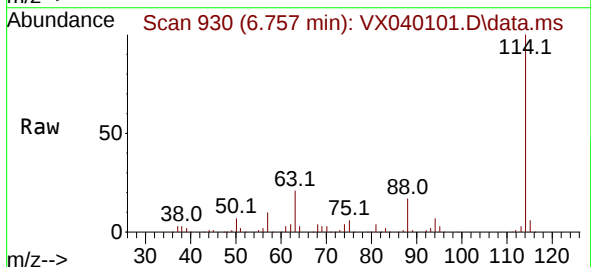
Tgt Ion:114 Resp: 174516

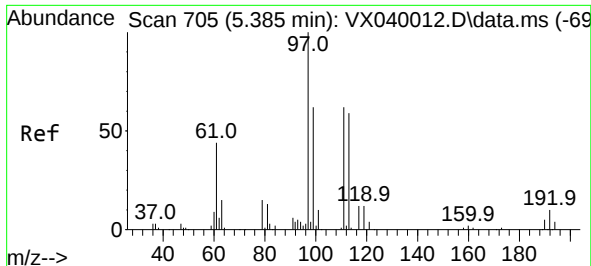
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

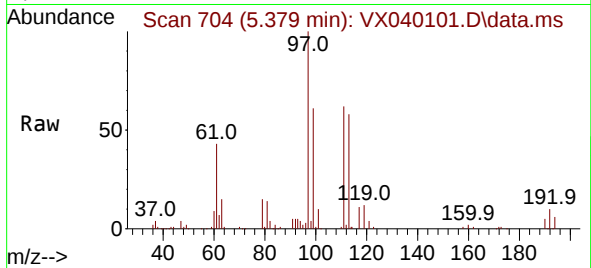
88 17.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.768 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

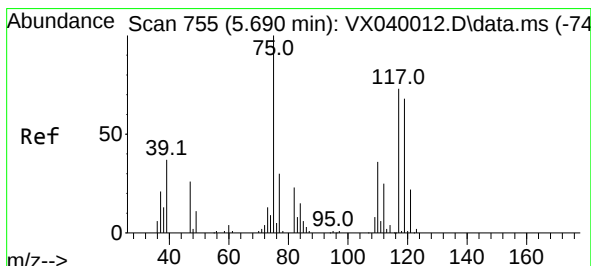
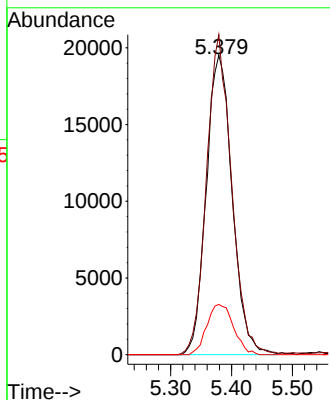
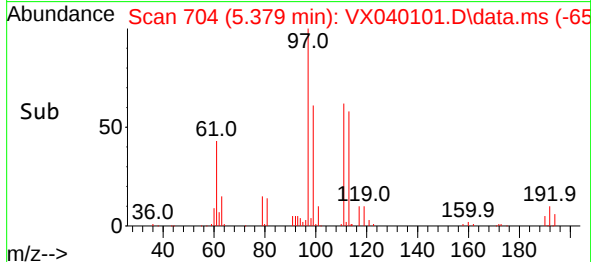
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 57936
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 17.2 13.3 19.9

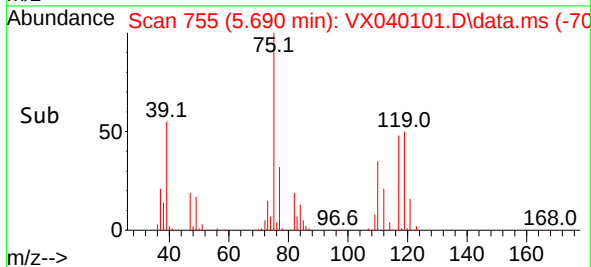
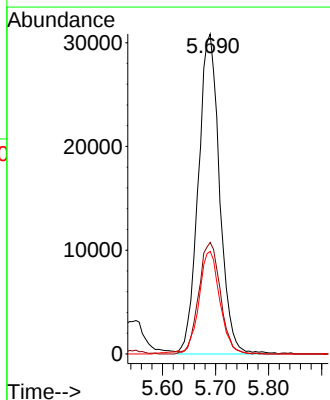
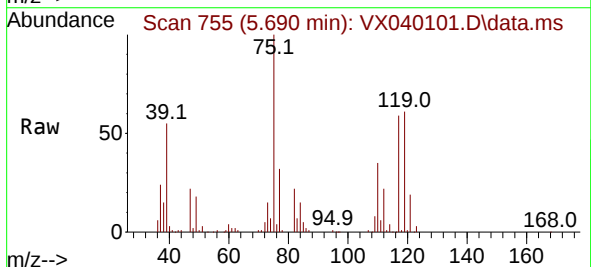
Manual Integrations
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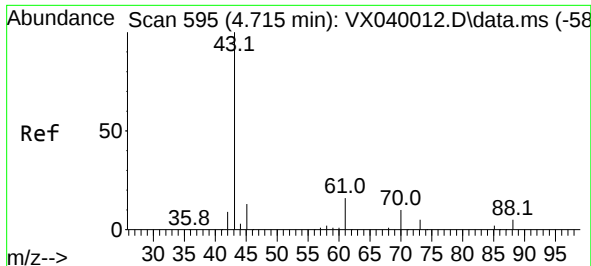
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#36
1,1-Dichloropropene
Concen: 49.975 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion: 75 Resp: 85864
Ion Ratio Lower Upper
75 100
110 35.4 17.0 50.9
77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 49.061 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

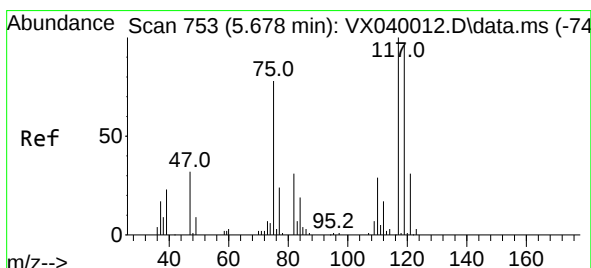
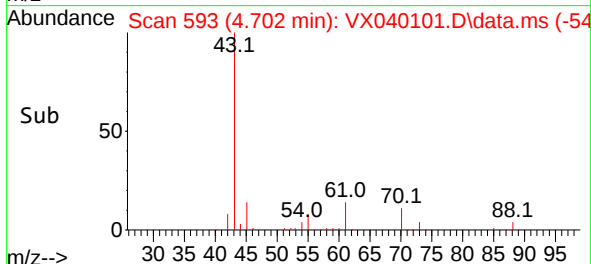
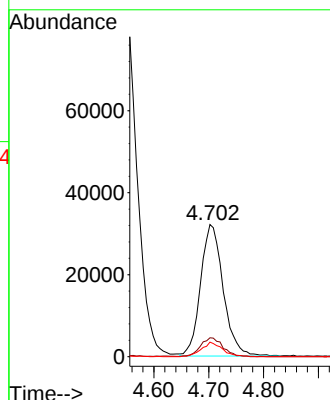
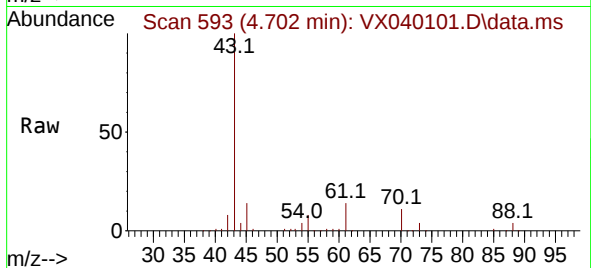
Tgt Ion: 43	Resp: 9205
Ion Ratio	Lower Upper
43 100	
61 14.3	10.6 16.0
70 10.2	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#38

Carbon Tetrachloride

Concen: 51.586 ug/l

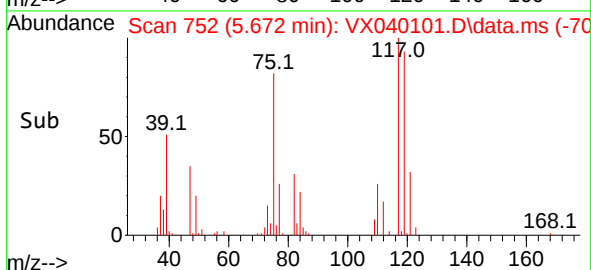
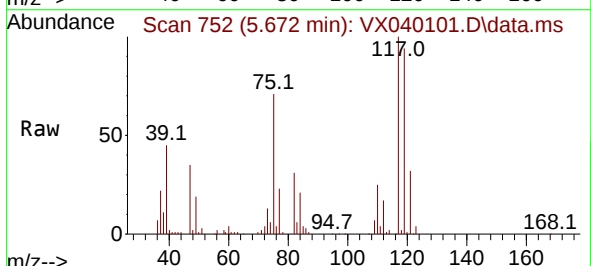
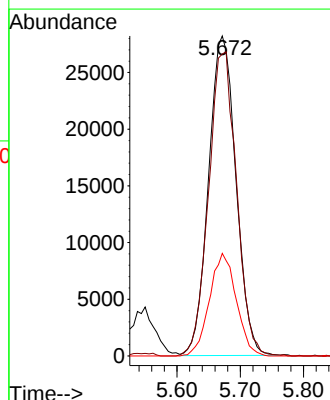
RT: 5.672 min Scan# 752

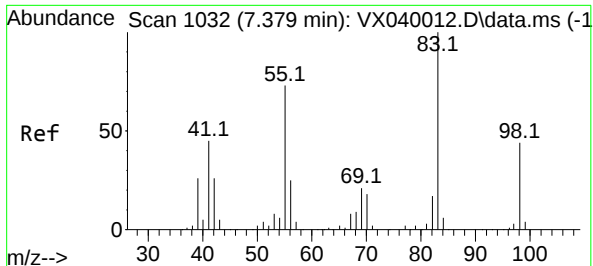
Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Tgt Ion:117	Resp: 84805
Ion Ratio	Lower Upper
117 100	
119 94.2	78.2 117.2
121 32.1	24.4 36.6





#39

Methylcyclohexane

Concen: 48.381 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 101130

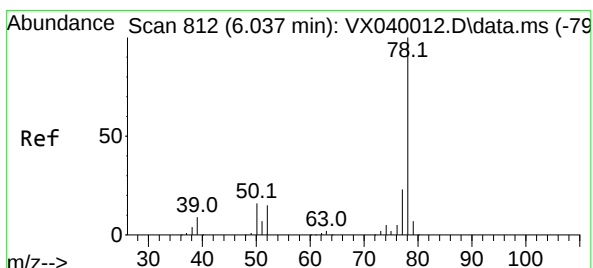
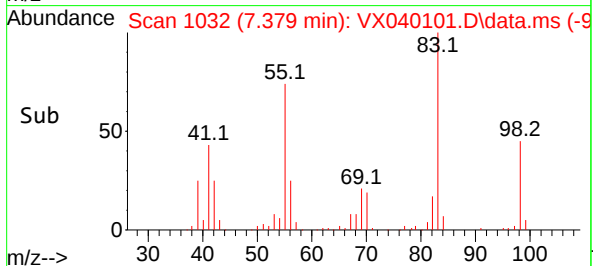
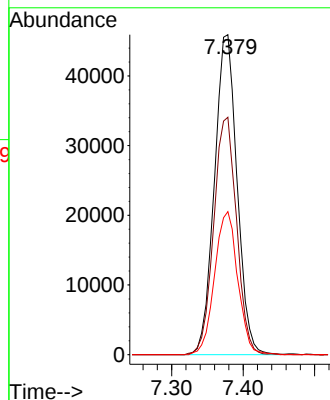
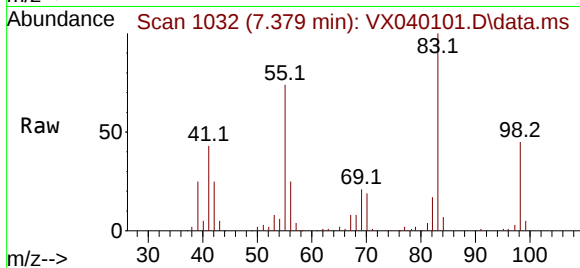
Ion	Ratio	Lower	Upper
83	100		
55	74.2	64.6	97.0
98	44.7	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#40

Benzene

Concen: 49.153 ug/l

RT: 6.031 min Scan# 811

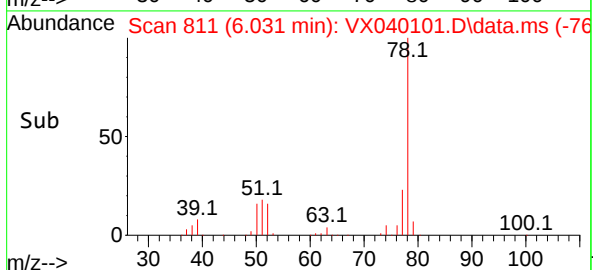
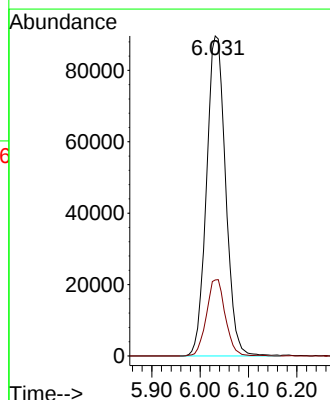
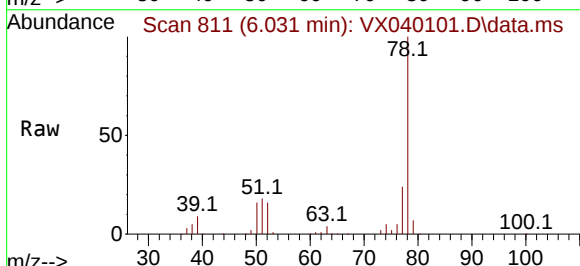
Delta R.T. -0.006 min

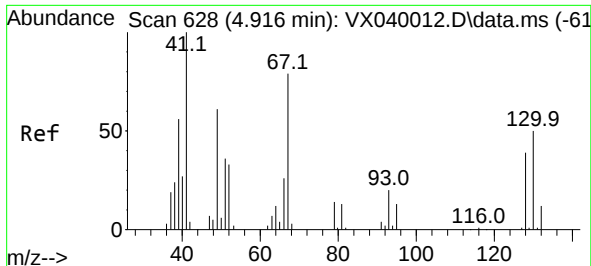
Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Tgt Ion: 78 Resp: 245971

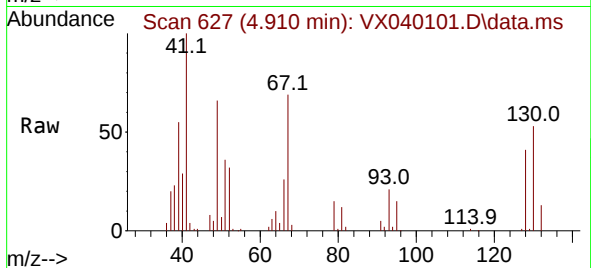
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





#41
Methacrylonitrile
Concen: 52.713 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

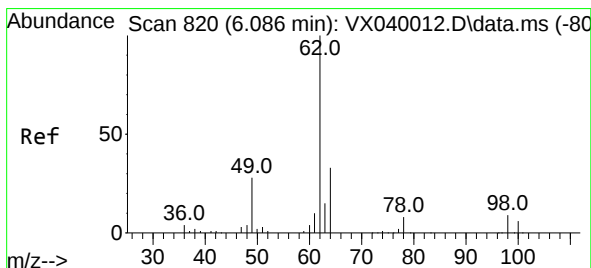
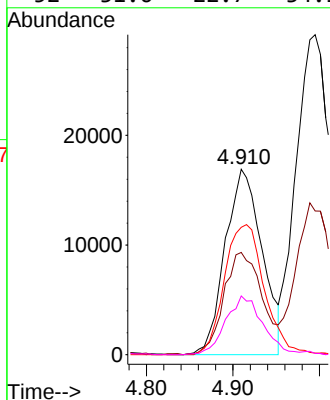
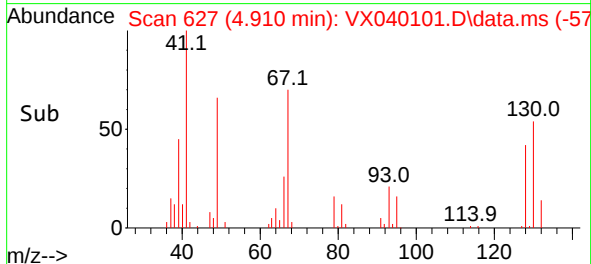
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 5016
Ion Ratio Lower Upper
41 100
39 57.3 45.2 67.8
67 75.8 52.6 78.8
52 31.6 22.7 34.1

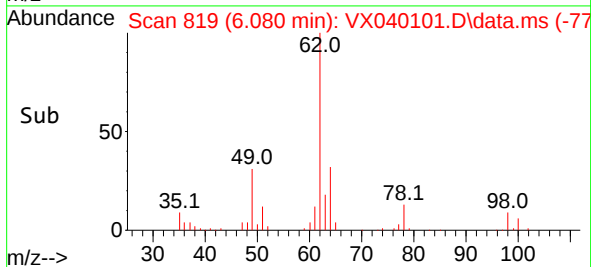
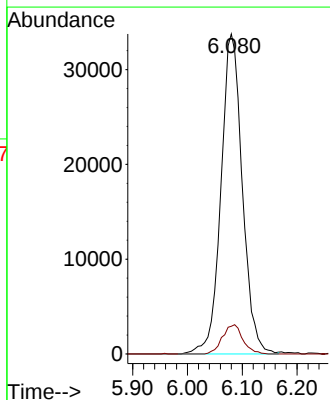
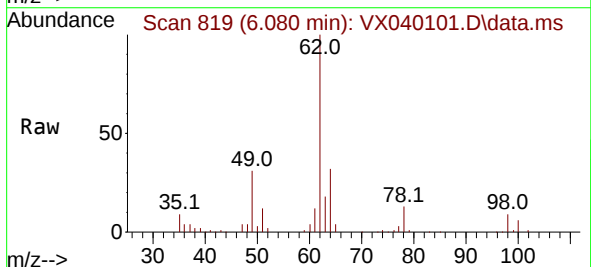
Manual Integrations
APPROVED

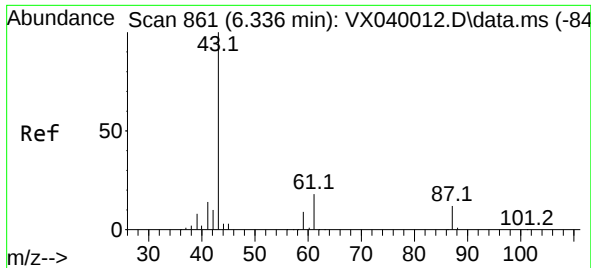
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#42
1,2-Dichloroethane
Concen: 47.528 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

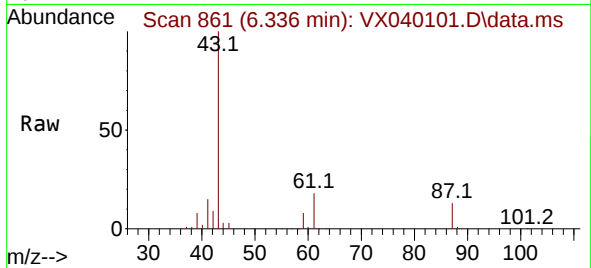
Tgt Ion: 62 Resp: 91556
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 50.595 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

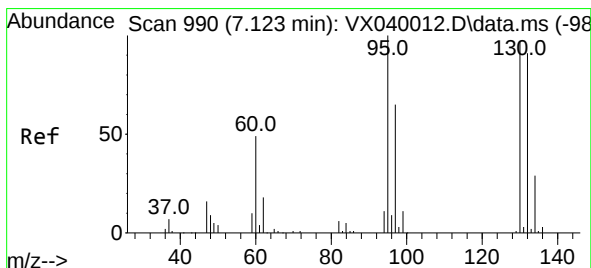
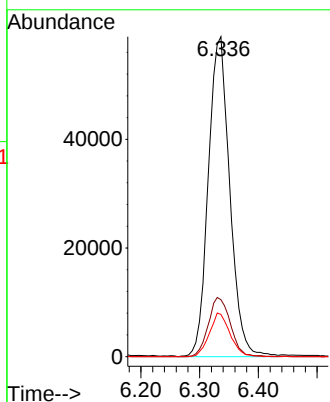
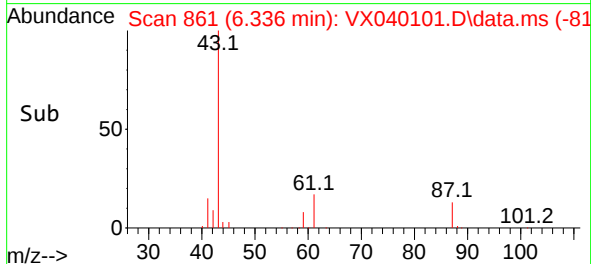
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



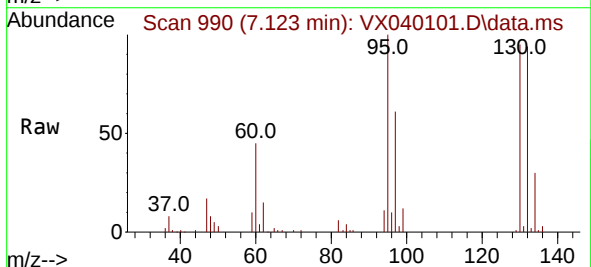
Tgt Ion: 43 Resp: 149710
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 13.1 9.8 14.6

Manual Integrations
APPROVED

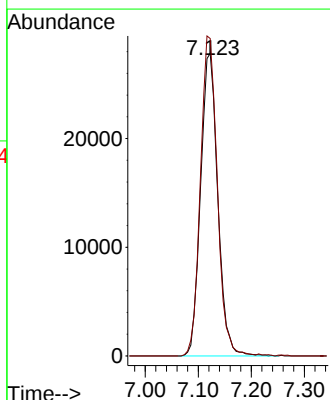
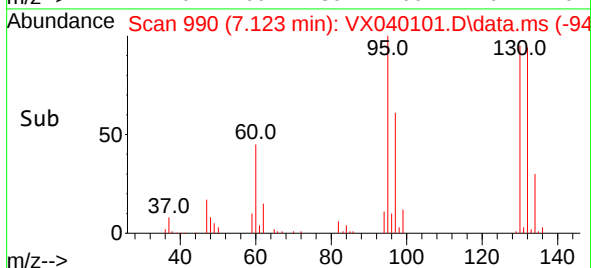
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

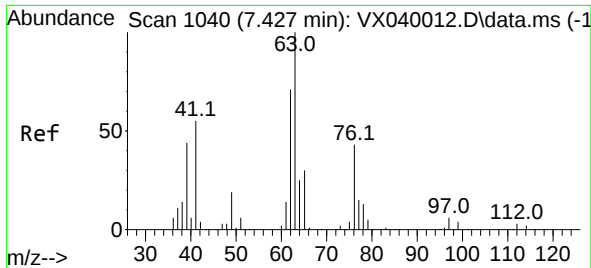


#44
Trichloroethene
Concen: 47.410 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27



Tgt Ion:130 Resp: 62433
Ion Ratio Lower Upper
130 100
95 104.9 0.0 204.4





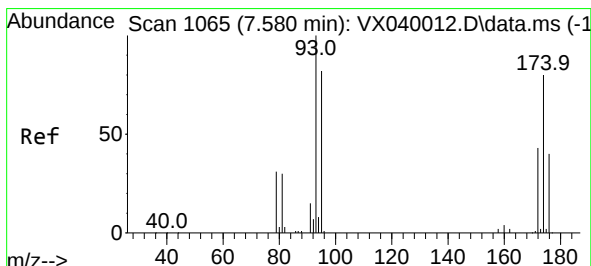
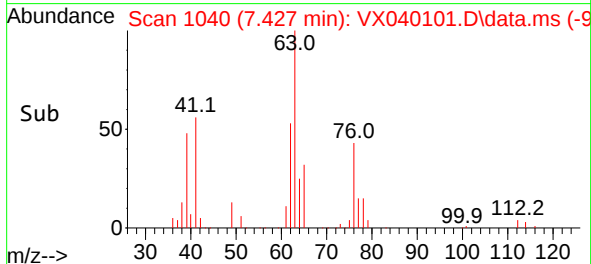
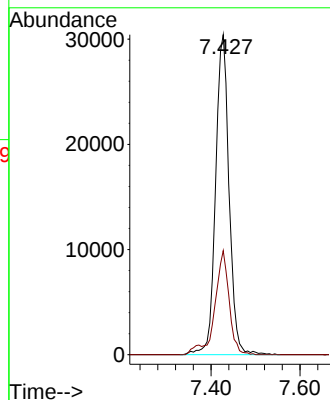
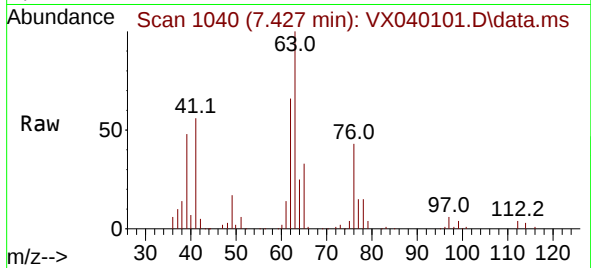
#45
1,2-Dichloropropane
Concen: 48.448 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6401
Ion Ratio Lower Upper
63 100
65 32.5 24.3 36.5

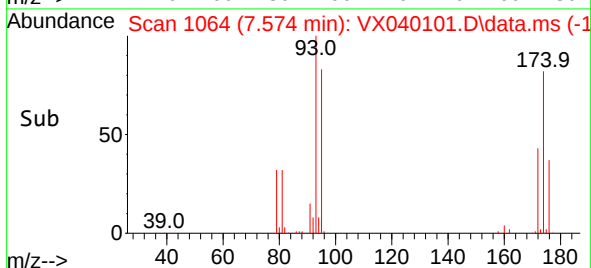
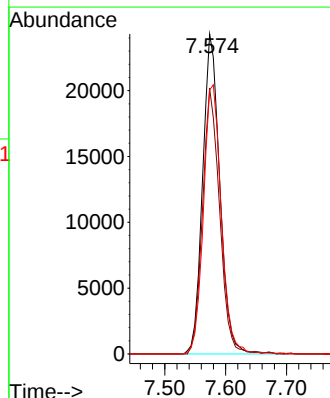
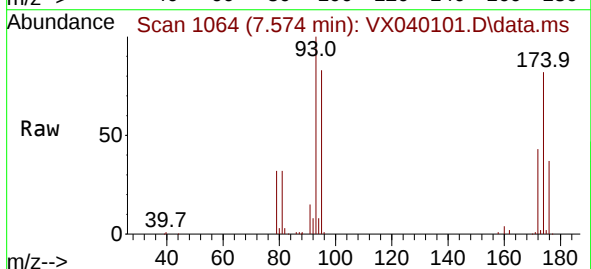
Manual Integrations
APPROVED

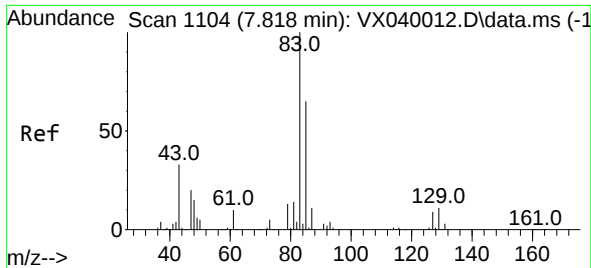
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#46
Dibromomethane
Concen: 48.104 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion: 93 Resp: 47706
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 87.4 69.4 104.0





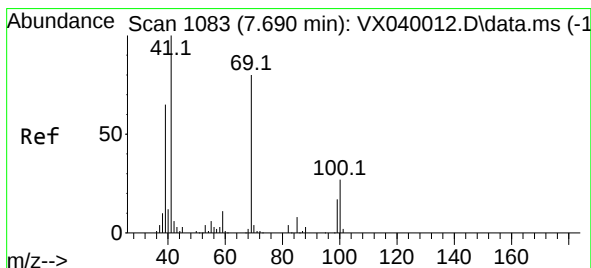
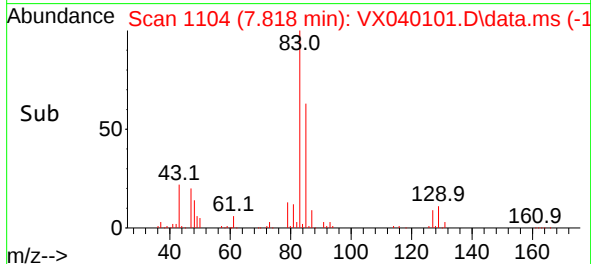
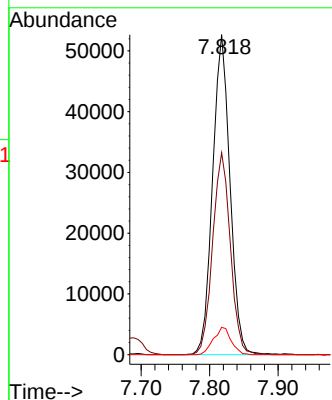
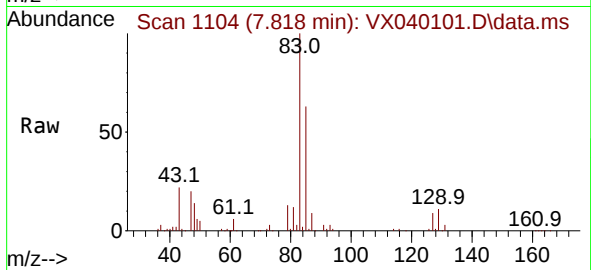
#47
Bromodichloromethane
Concen: 52.490 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 92712
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 8.5 7.1 10.7

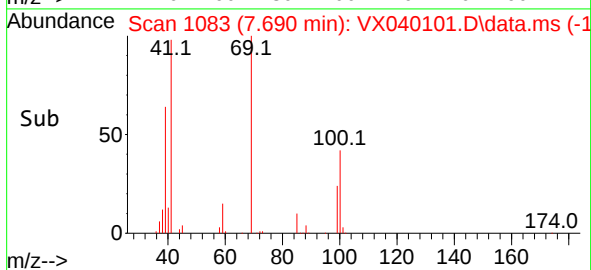
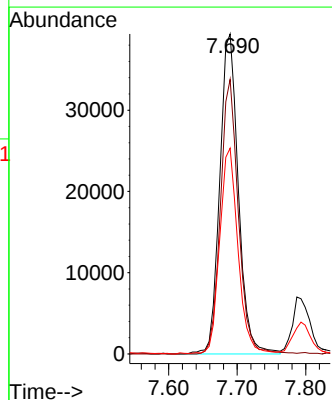
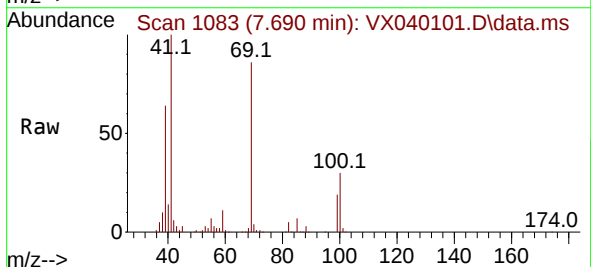
Manual Integrations
APPROVED

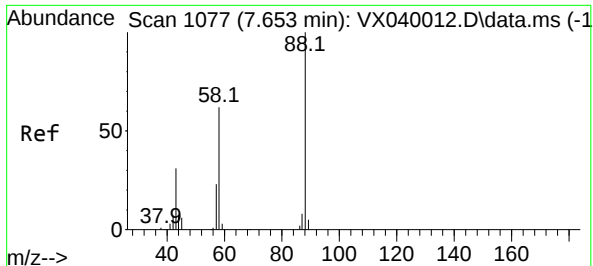
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#48
Methyl methacrylate
Concen: 50.750 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion: 41 Resp: 73975
Ion Ratio Lower Upper
41 100
69 82.7 59.2 88.8
39 62.7 47.7 71.5





#49

1,4-Dioxane

Concen: 959.651 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3039

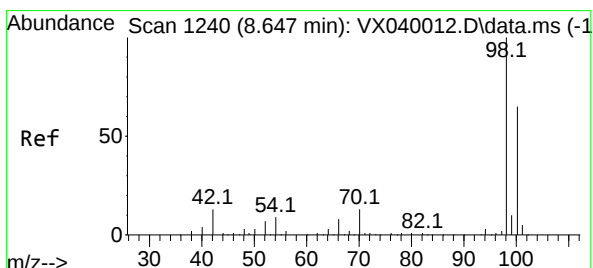
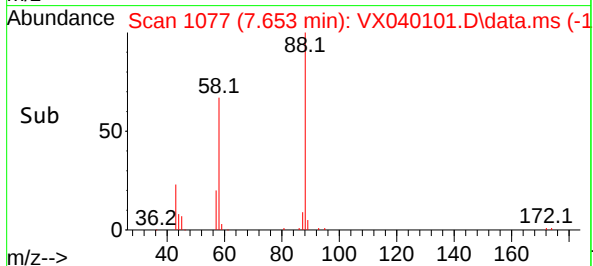
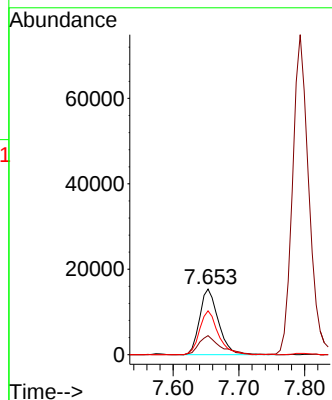
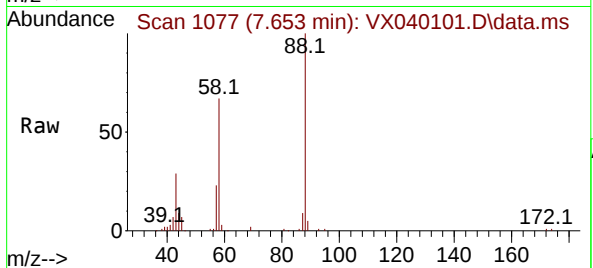
Ion	Ratio	Lower	Upper
88	100		
43	33.5	0.0	0.0
58	66.3	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#50

Toluene-d8

Concen: 48.992 ug/l

RT: 8.647 min Scan# 1240

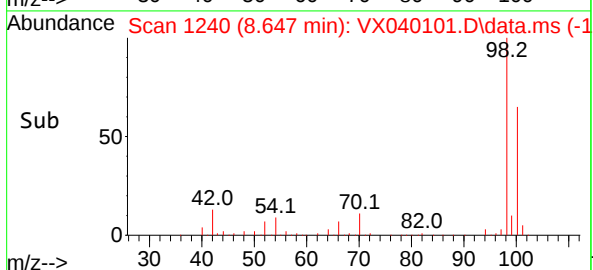
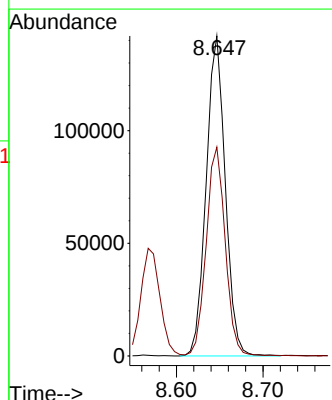
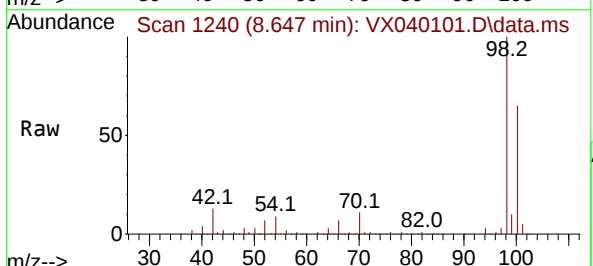
Delta R.T. -0.000 min

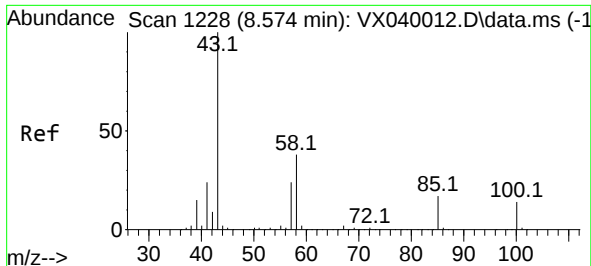
Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Tgt Ion: 98 Resp: 217661

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 257.979 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 521090

Ion Ratio Lower Upper

43 100

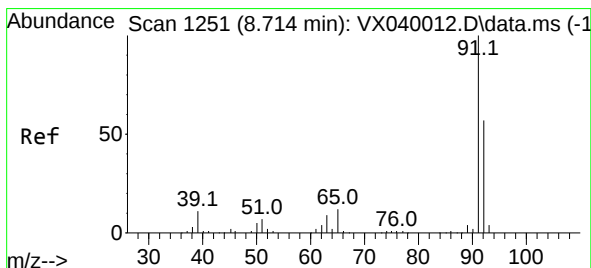
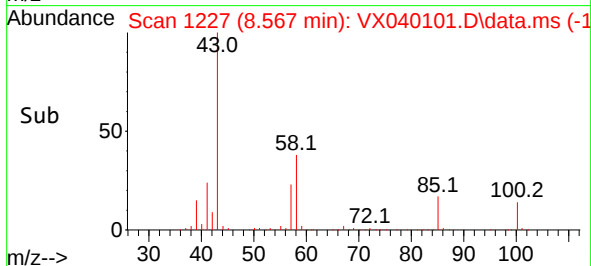
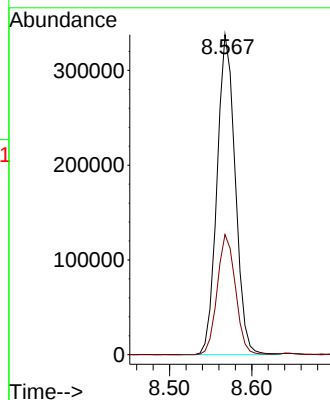
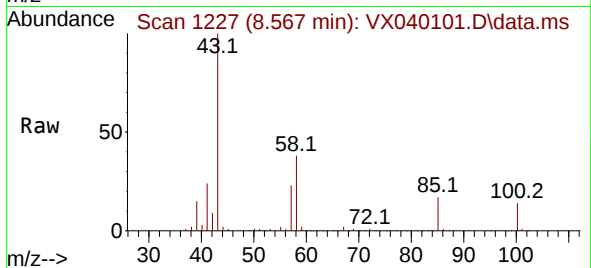
58 37.5 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#52

Toluene

Concen: 50.876 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX040101.D

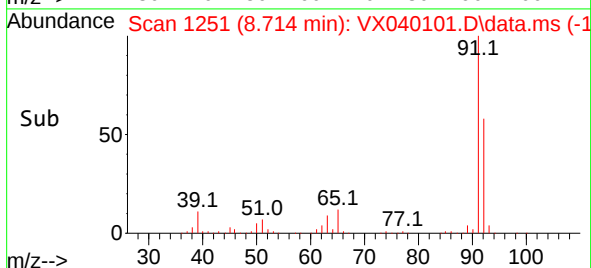
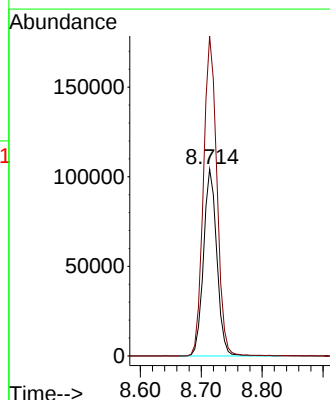
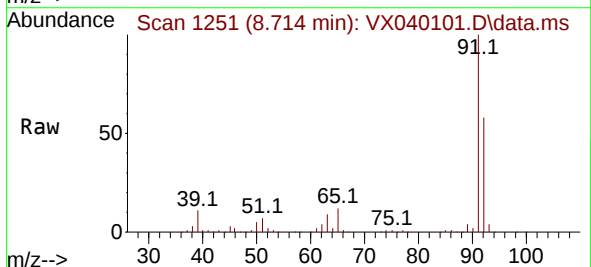
Acq: 05 Feb 2024 09:27

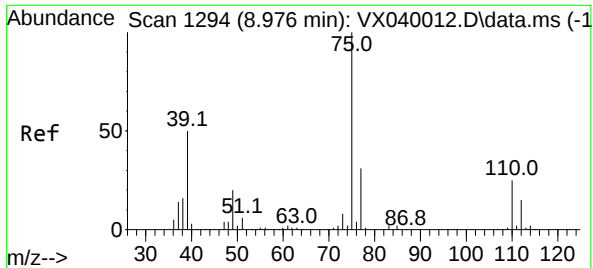
Tgt Ion: 92 Resp: 158684

Ion Ratio Lower Upper

92 100

91 173.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.880 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 98704

Ion Ratio Lower Upper

75 100

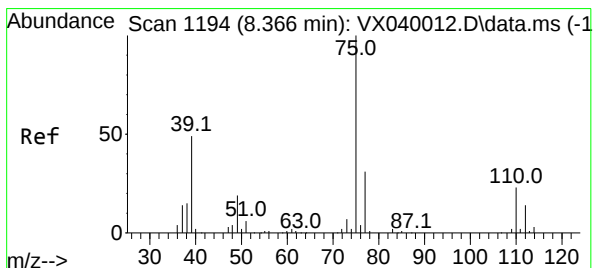
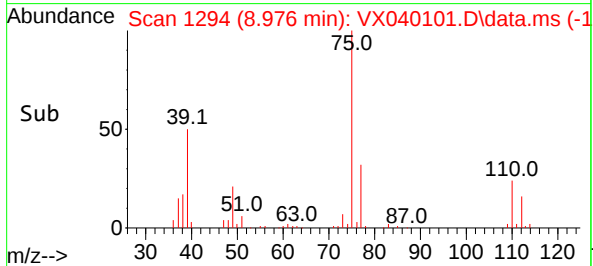
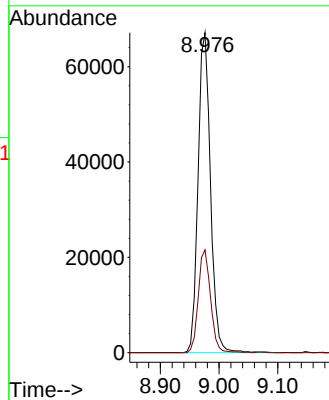
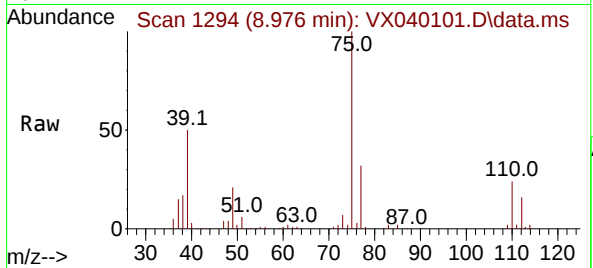
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#54

cis-1,3-Dichloropropene

Concen: 53.540 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

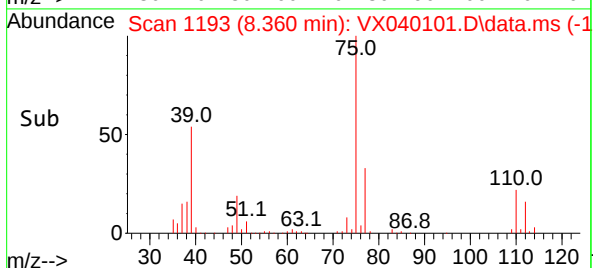
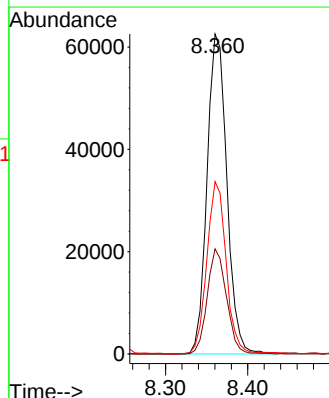
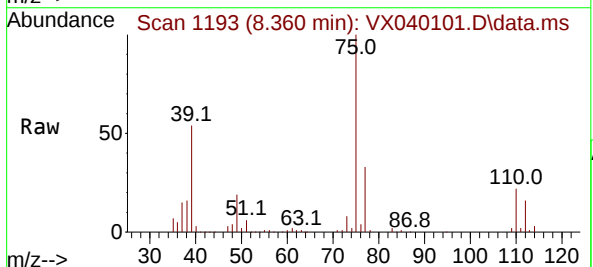
Tgt Ion: 75 Resp: 104658

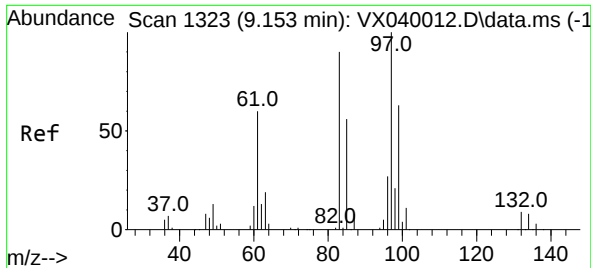
Ion Ratio Lower Upper

75 100

77 32.9 25.3 37.9

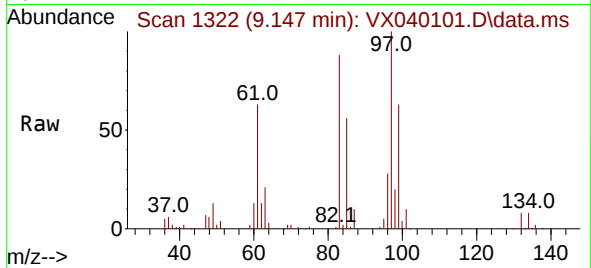
39 53.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.585 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

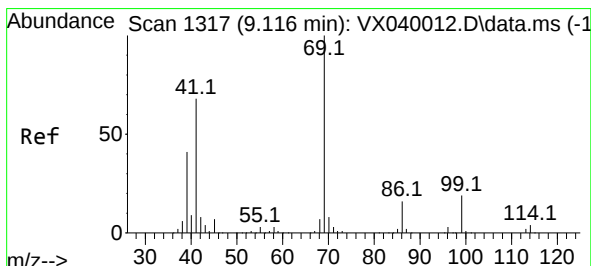
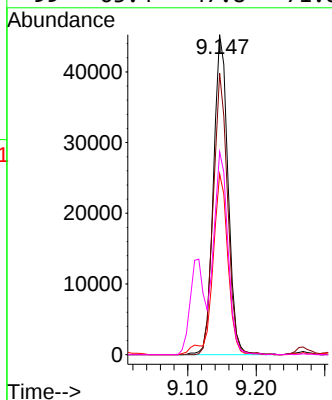
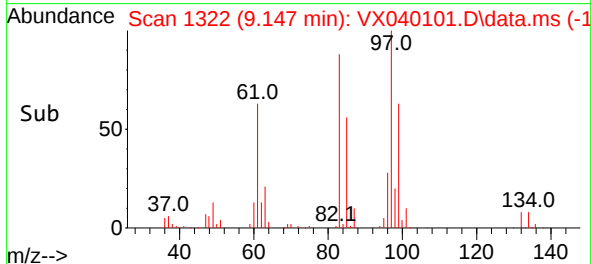


Tgt Ion: 97 Resp: 66598

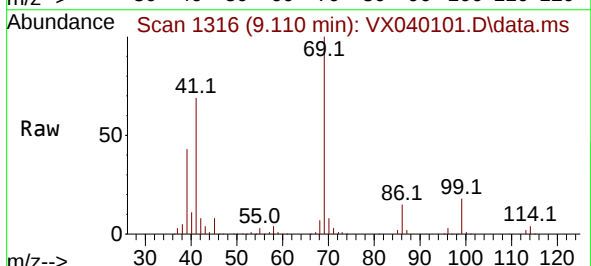
Ion	Ratio	Lower	Upper
97	100		
83	87.9	65.8	98.8
85	56.5	41.6	62.4
99	63.4	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

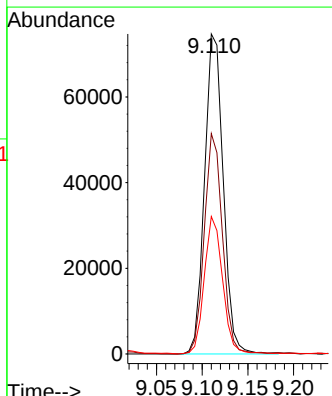
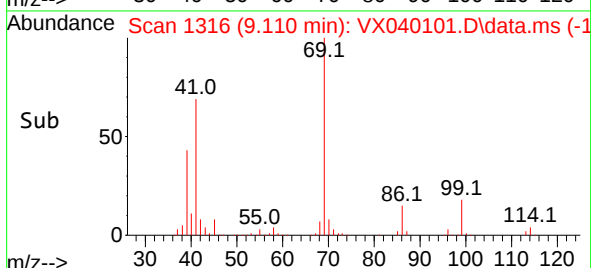


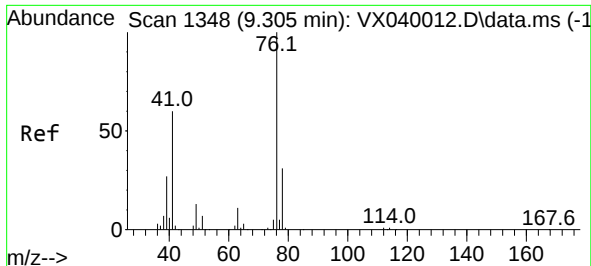
#56
Ethyl methacrylate
Concen: 56.153 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27



Tgt Ion: 69 Resp: 105865

Ion	Ratio	Lower	Upper
69	100		
41	66.9	56.8	85.2
39	42.3	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.406 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10719

Ion Ratio Lower Upper

76 100

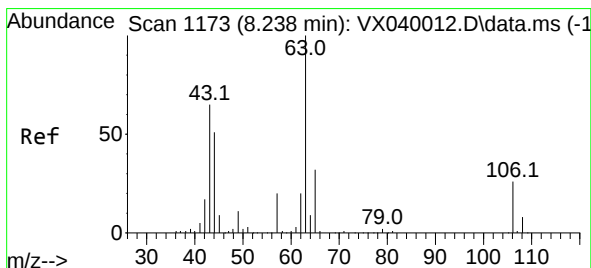
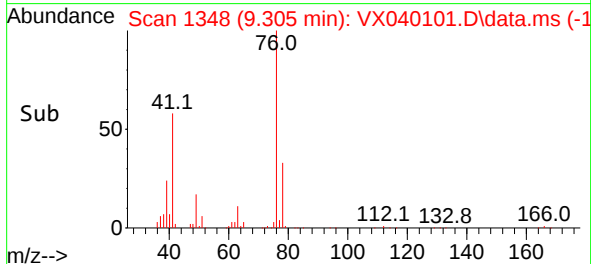
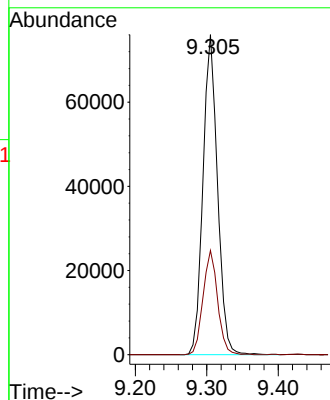
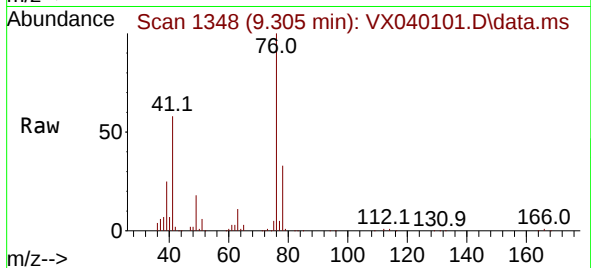
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#58

2-Chloroethyl Vinyl ether

Concen: 293.498 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040101.D

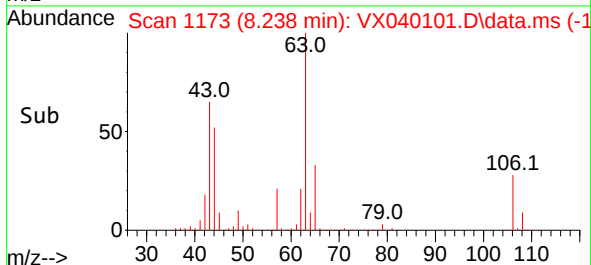
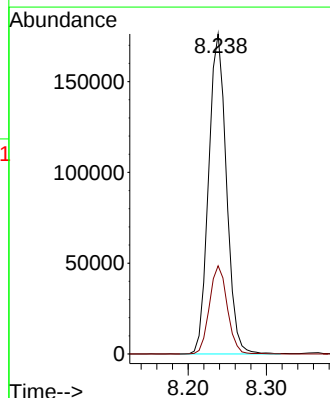
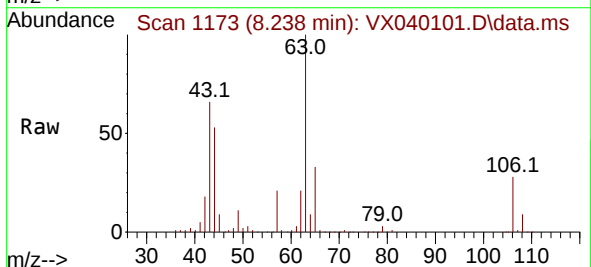
Acq: 05 Feb 2024 09:27

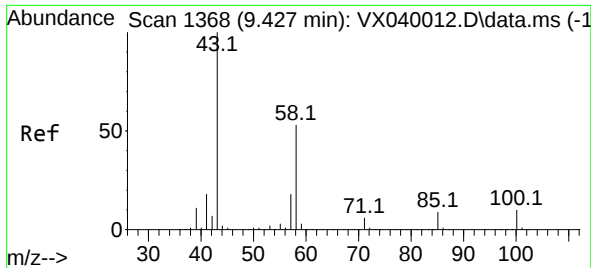
Tgt Ion: 63 Resp: 278248

Ion Ratio Lower Upper

63 100

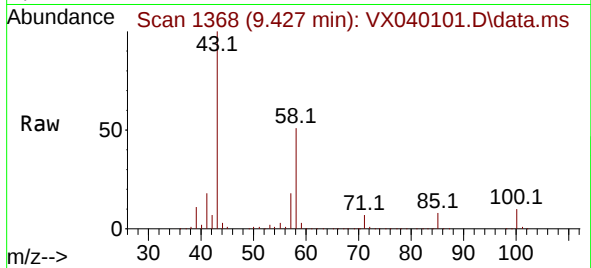
106 27.6 22.5 33.7





#59
2-Hexanone
Concen: 270.692 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

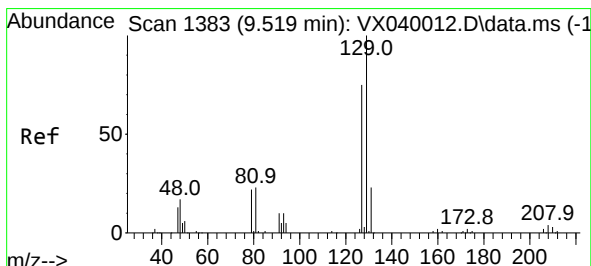
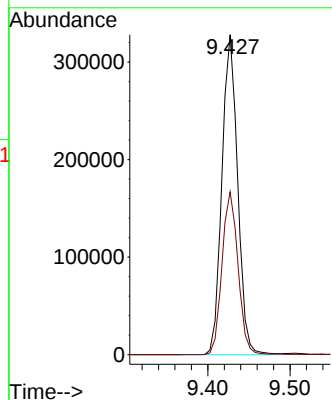
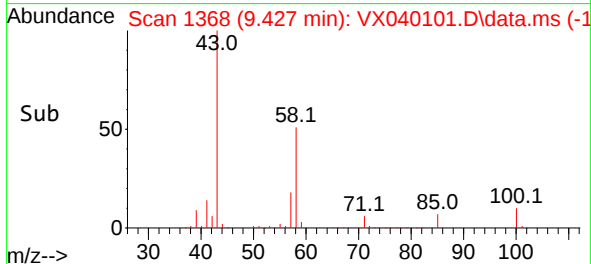
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 43595
Ion Ratio Lower Upper
43 100
58 52.0 26.2 78.5

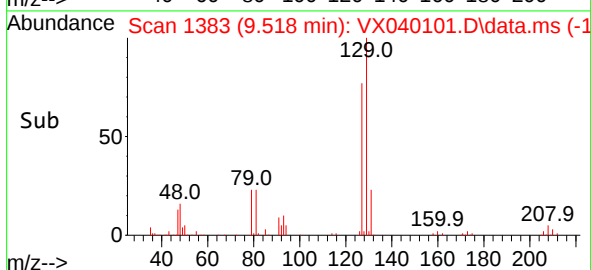
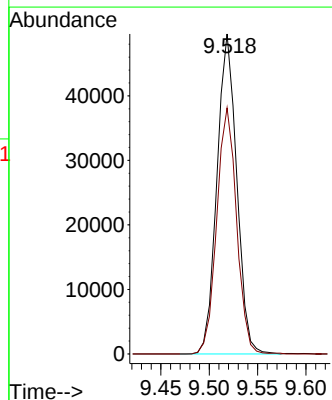
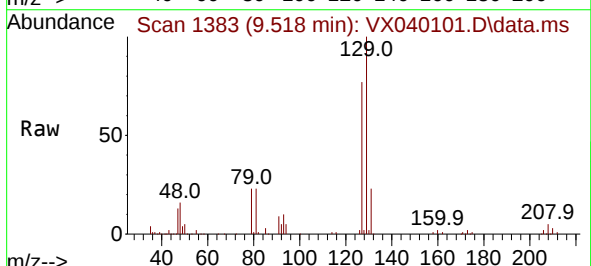
Manual Integrations
APPROVED

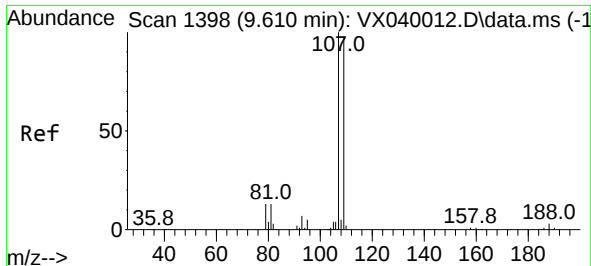
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#60
Dibromochloromethane
Concen: 54.273 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

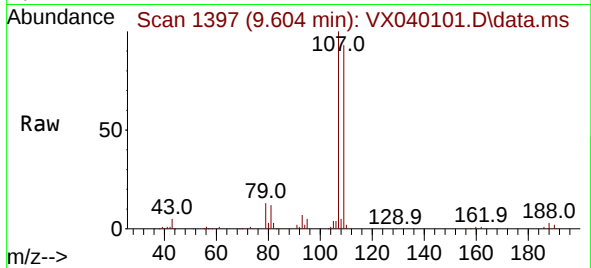
Tgt Ion:129 Resp: 70406
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.616 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

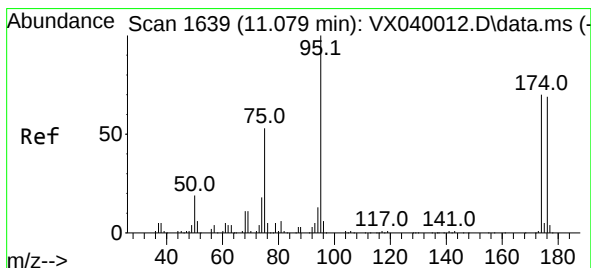
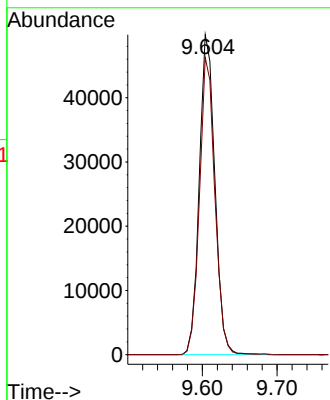
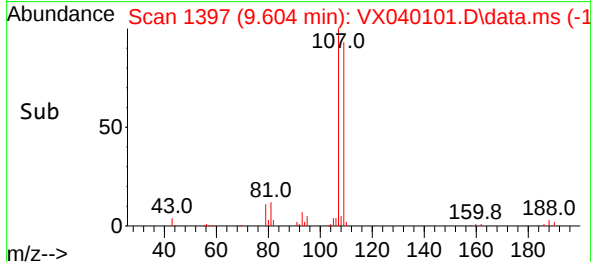
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 72045
Ion Ratio Lower Upper
107 100
109 92.0 75.2 112.8

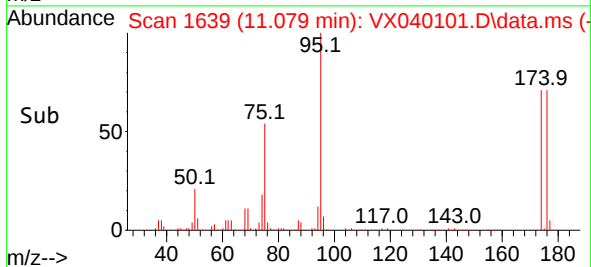
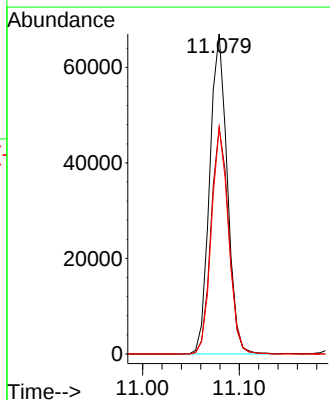
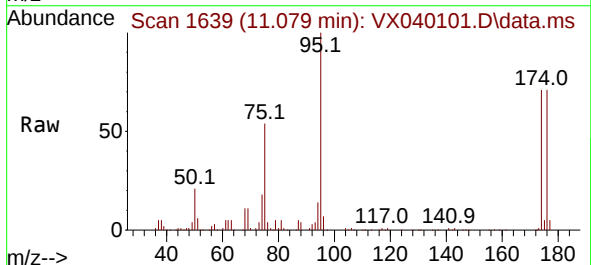
Manual Integrations
APPROVED

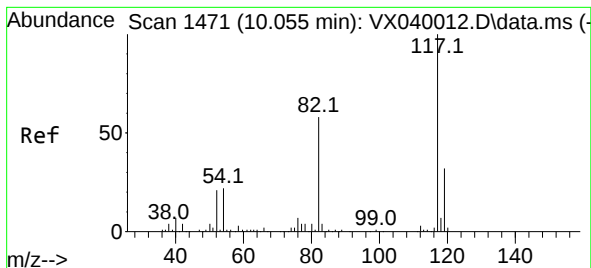
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#62
4-Bromofluorobenzene
Concen: 49.367 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

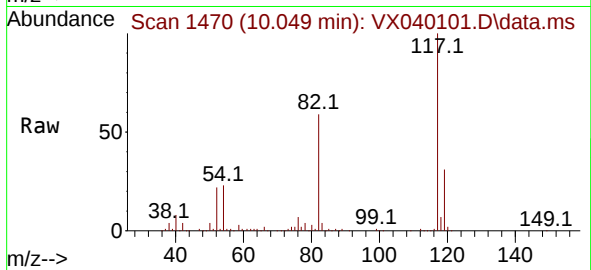
Tgt Ion: 95 Resp: 84452
Ion Ratio Lower Upper
95 100
174 71.6 0.0 135.6
176 68.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

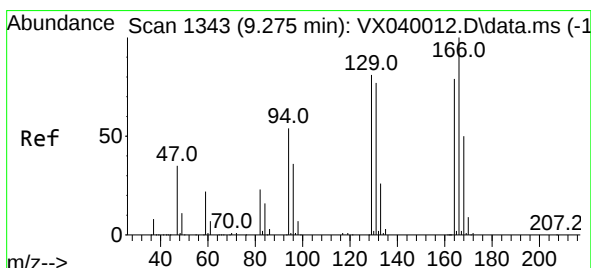
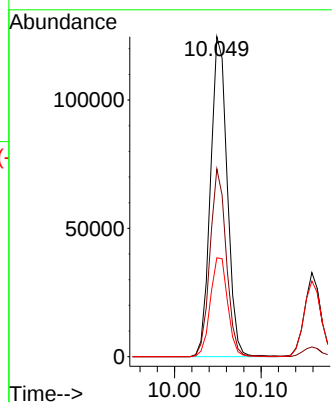
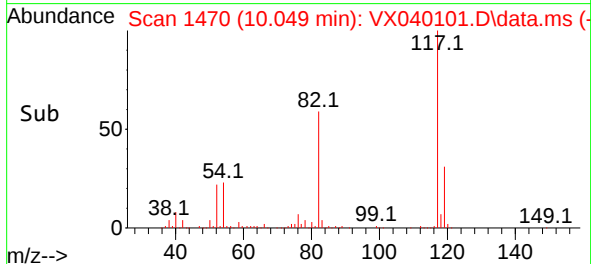
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 16686
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 30.9 25.5 38.3

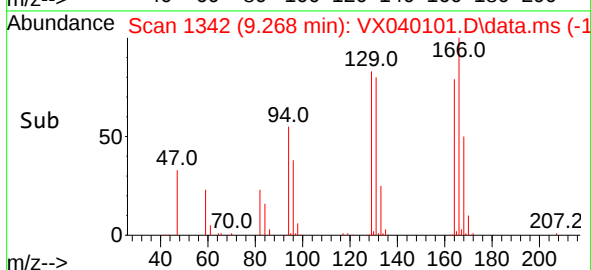
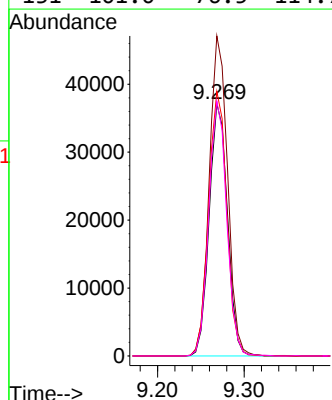
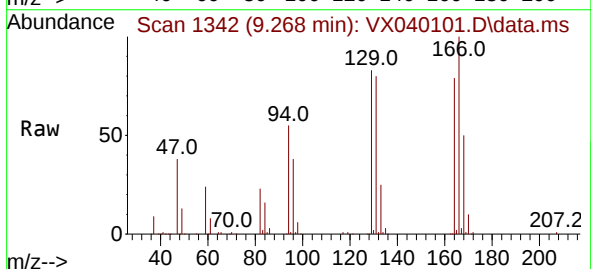
Manual Integrations
APPROVED

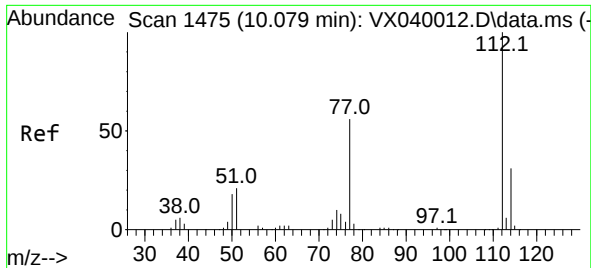
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#64
Tetrachloroethene
Concen: 50.035 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion:164 Resp: 54326
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 104.9 80.4 120.6
131 101.0 76.5 114.7





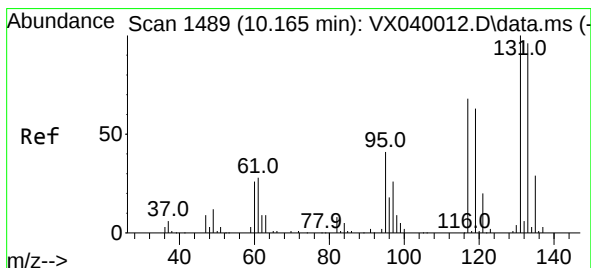
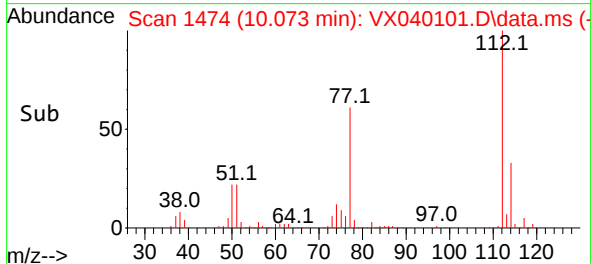
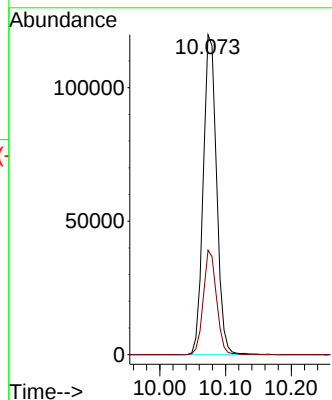
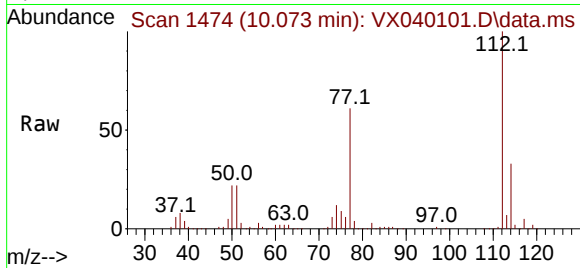
#65
Chlorobenzene
Concen: 49.135 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 169474
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

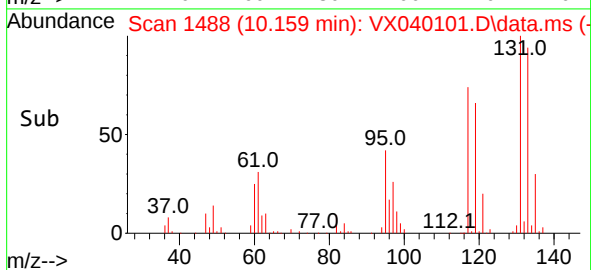
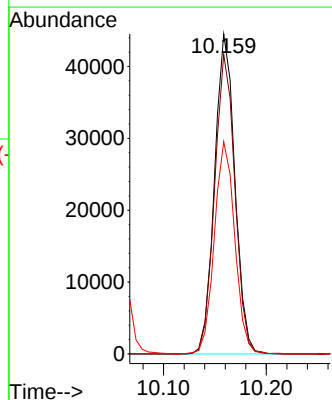
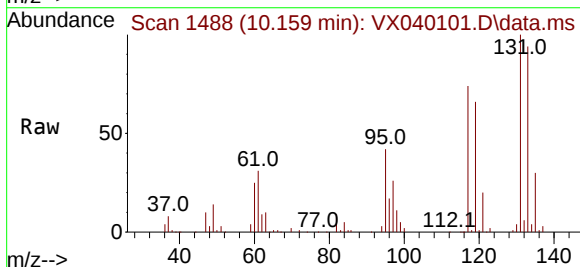
Manual Integrations
APPROVED

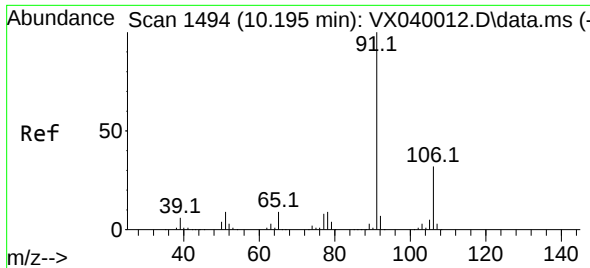
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.529 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

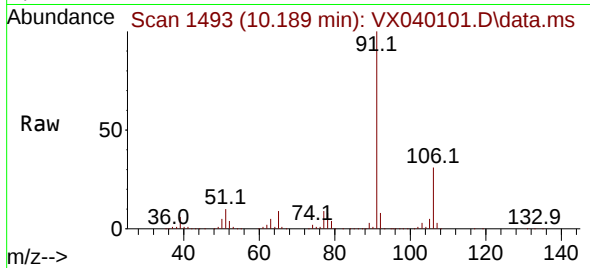
Tgt Ion:131 Resp: 61186
Ion Ratio Lower Upper
131 100
133 93.4 47.1 141.4
119 66.6 32.2 96.6





#67
Ethyl Benzene
Concen: 50.078 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

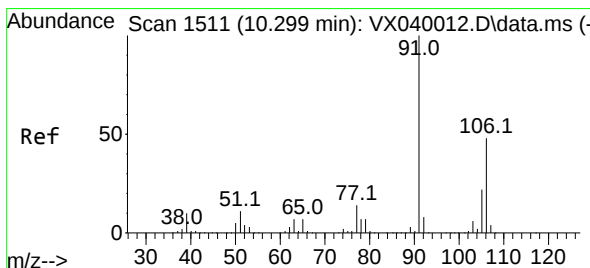
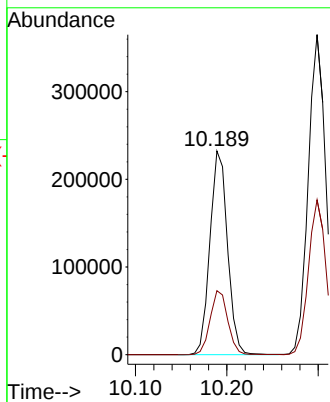
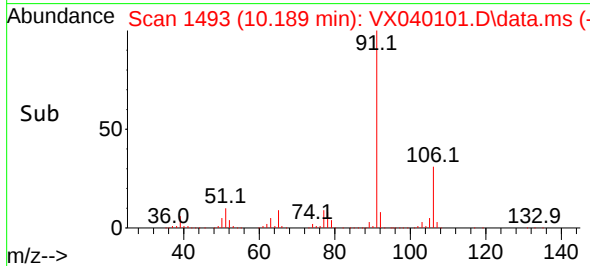
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



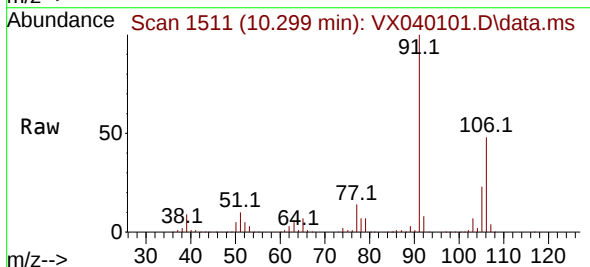
Tgt Ion: 91 Resp: 309908
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

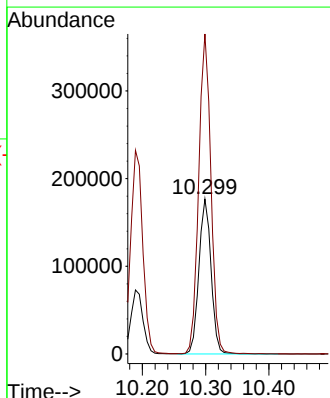
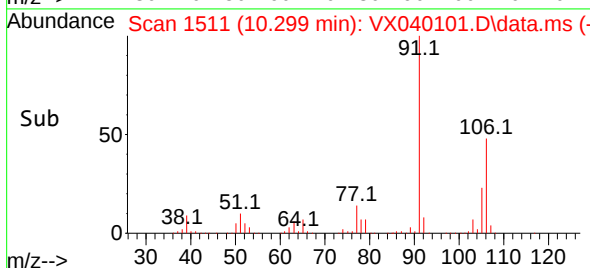
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

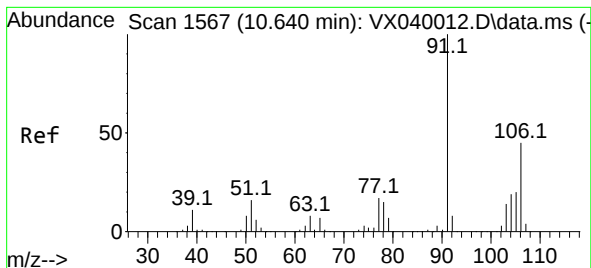


#68
m/p-Xylenes
Concen: 101.715 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27



Tgt Ion:106 Resp: 236806
Ion Ratio Lower Upper
106 100
91 207.6 165.5 248.3





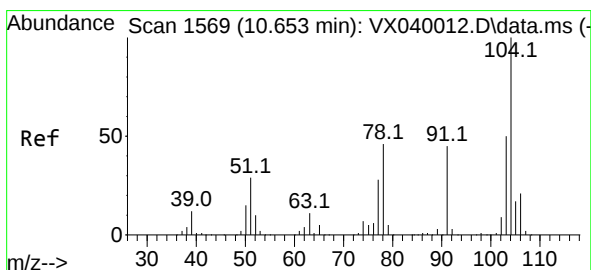
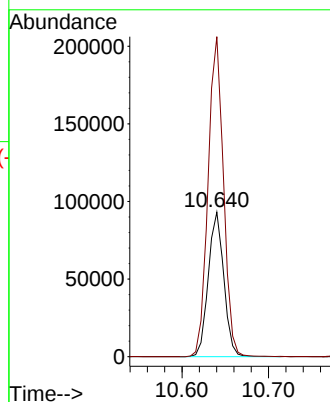
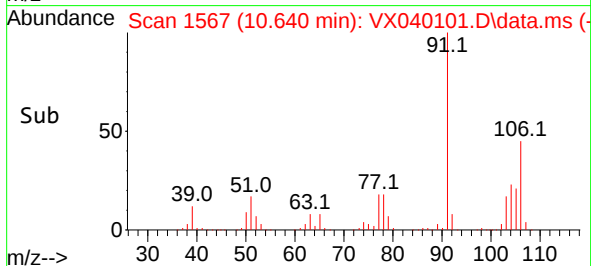
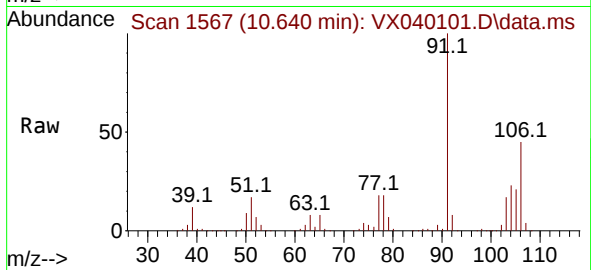
#69
o-Xylene
Concen: 52.502 ug/l
RT: 10.640 min Scan# 11594
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 11594
Ion Ratio Lower Upper
106 100
91 220.1 108.9 326.8

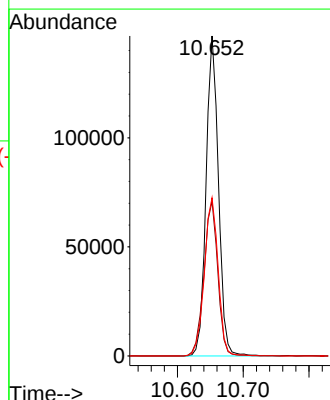
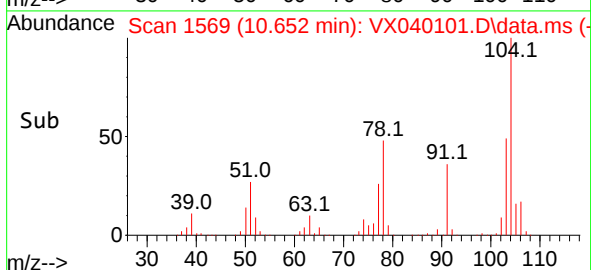
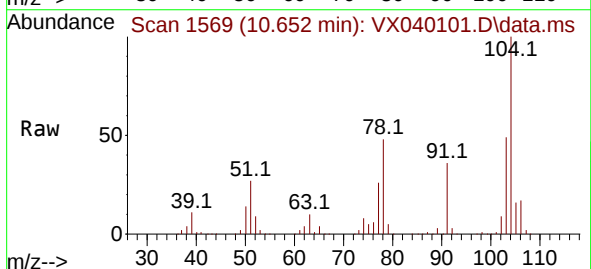
Manual Integrations
APPROVED

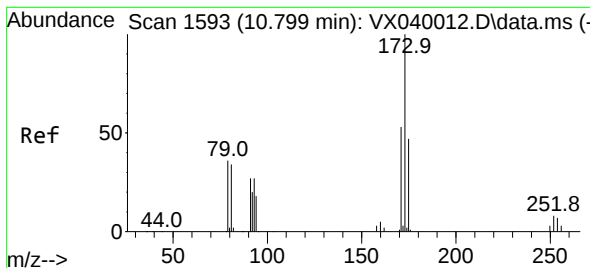
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#70
Styrene
Concen: 51.665 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

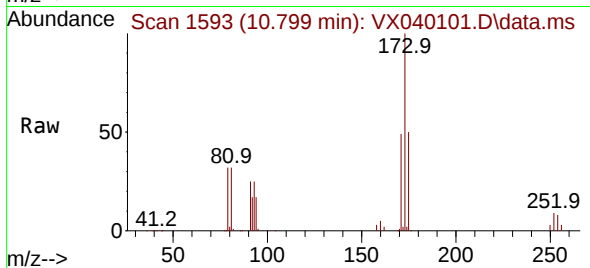
Tgt Ion:104 Resp: 192300
Ion Ratio Lower Upper
104 100
78 54.1 43.6 65.4
103 55.1 43.6 65.4





#71
Bromoform
Concen: 53.219 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

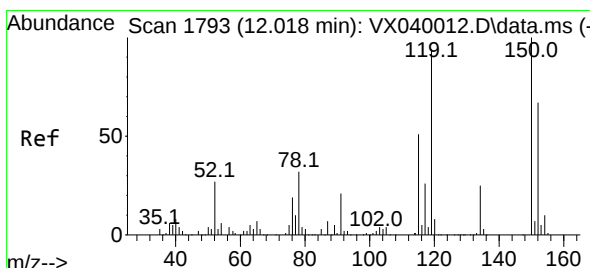
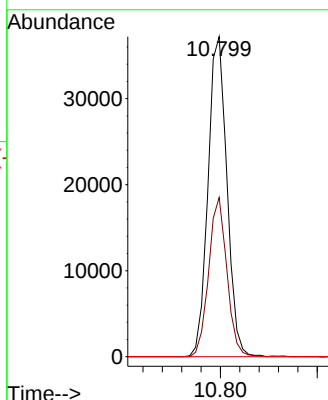
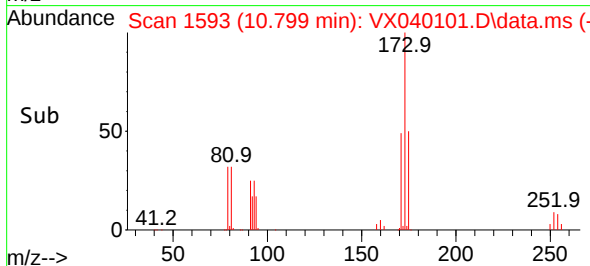
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 5054
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.0 0.0 0.0

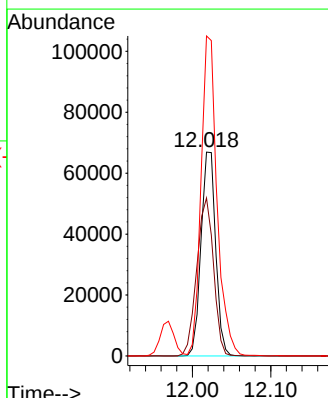
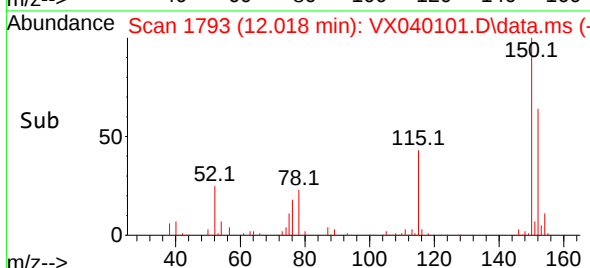
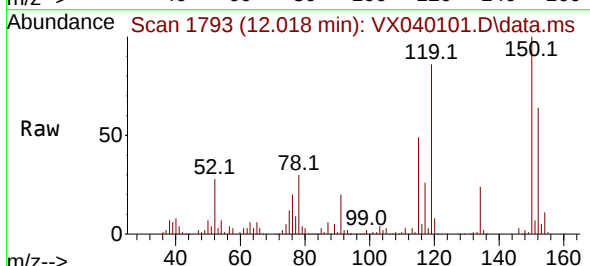
Manual Integrations
APPROVED

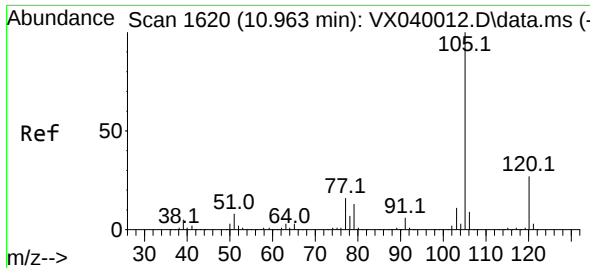
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion:152 Resp: 86893
Ion Ratio Lower Upper
152 100
115 88.7 43.3 129.9
150 171.3 0.0 345.0





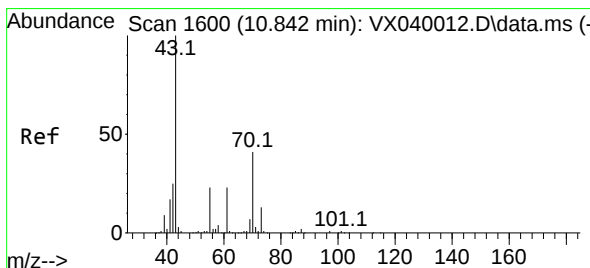
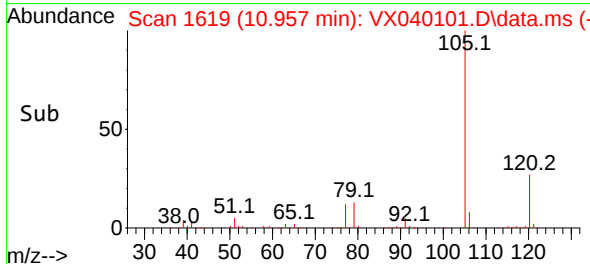
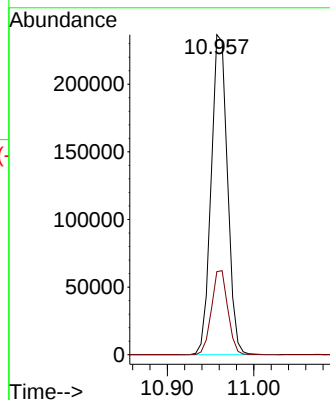
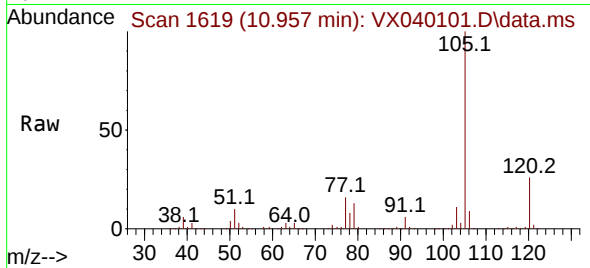
#73
Isopropylbenzene
Concen: 49.701 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 31011
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.6

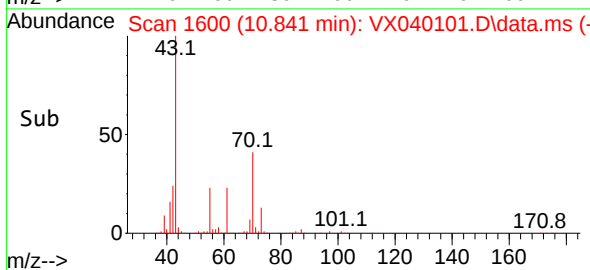
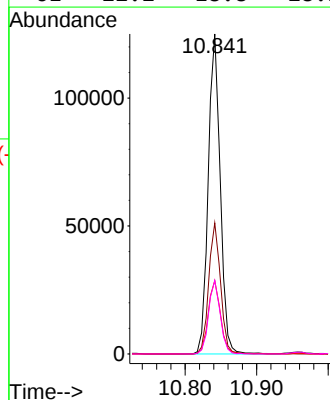
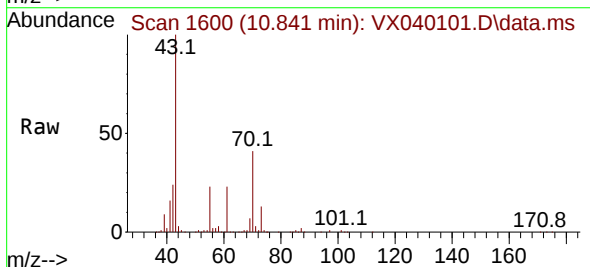
Manual Integrations
APPROVED

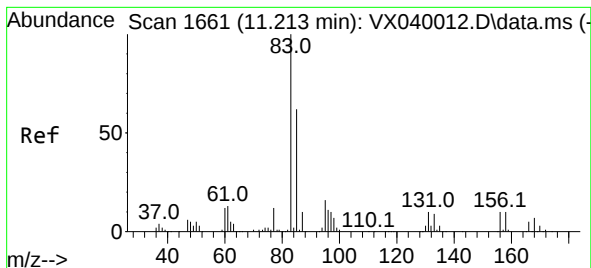
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#74
N-ethyl acetate
Concen: 49.180 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion: 43 Resp: 146000
Ion Ratio Lower Upper
43 100
70 40.4 32.9 49.3
55 23.4 19.3 28.9
61 22.2 18.8 28.2





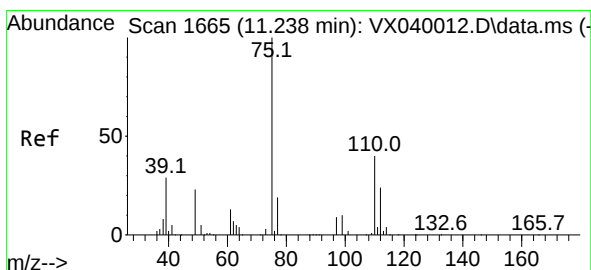
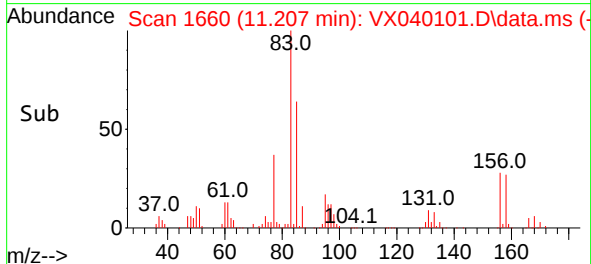
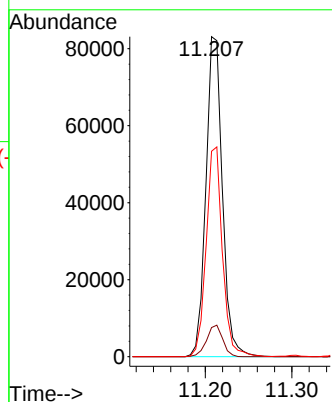
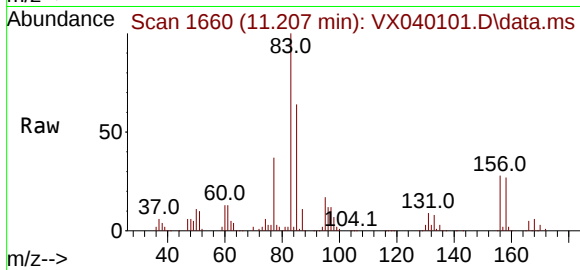
#75
1,1,2,2-Tetrachloroethane
Concen: 46.858 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10992
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 64.7 32.0 96.2

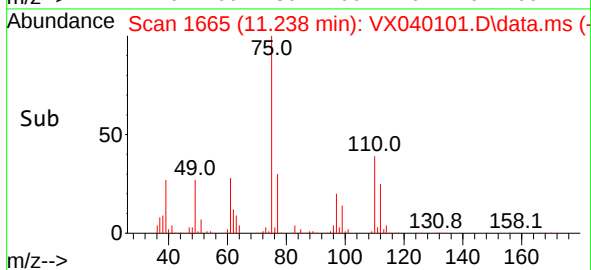
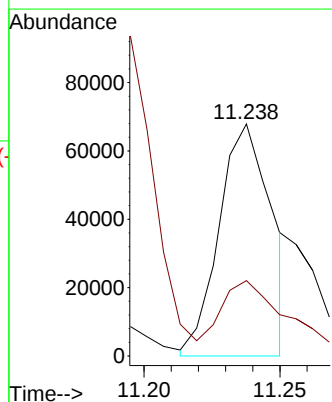
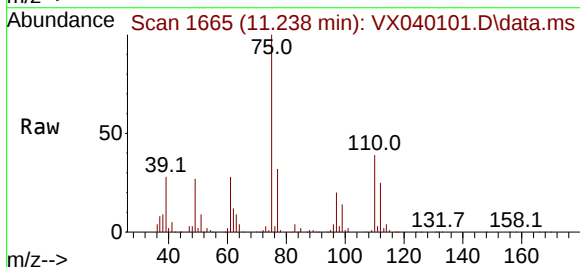
Manual Integrations
APPROVED

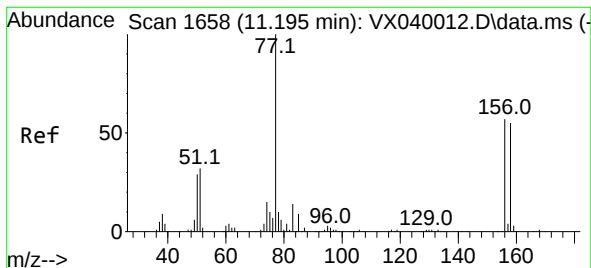
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#76
1,2,3-Trichloropropane
Concen: 49.107 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion: 75 Resp: 90867
Ion Ratio Lower Upper
75 100
77 41.9 19.1 57.5





#77

Bromobenzene

Concen: 50.895 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

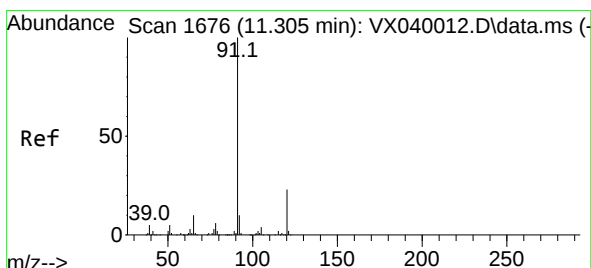
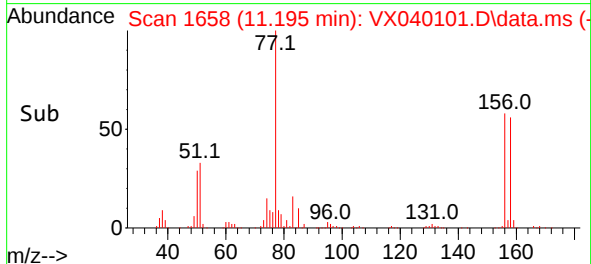
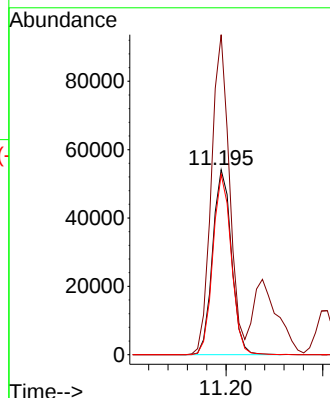
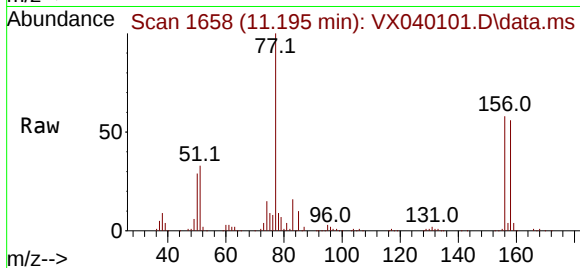
Tgt Ion:	156	Resp:	73254
Ion	Ratio	Lower	Upper
156	100		
77	167.0	88.4	265.3
158	95.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#78

n-propylbenzene

Concen: 49.870 ug/l

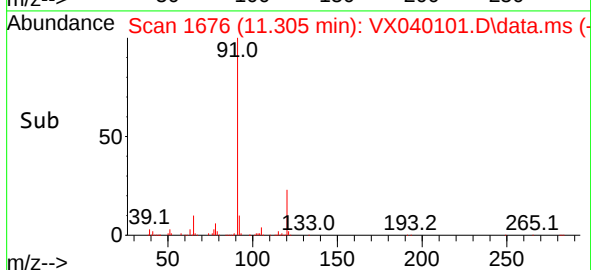
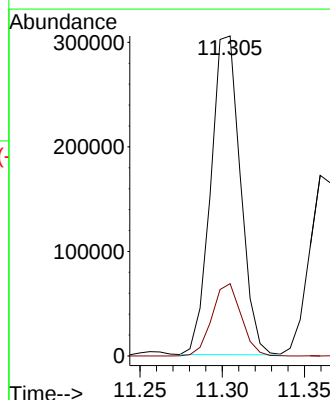
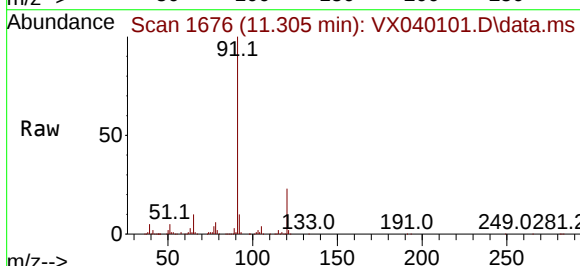
RT: 11.305 min Scan# 1676

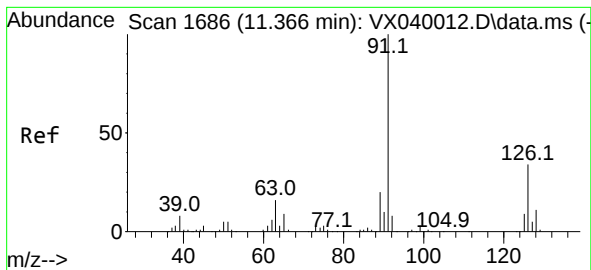
Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Tgt Ion:	91	Resp:	382919
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.5	34.4





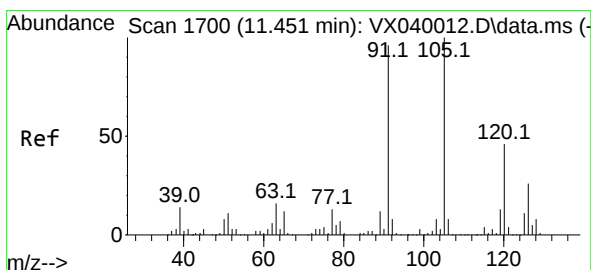
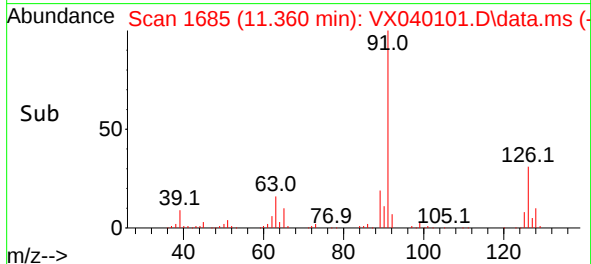
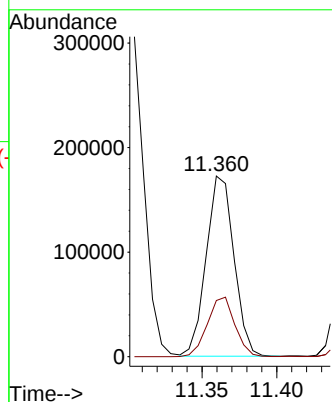
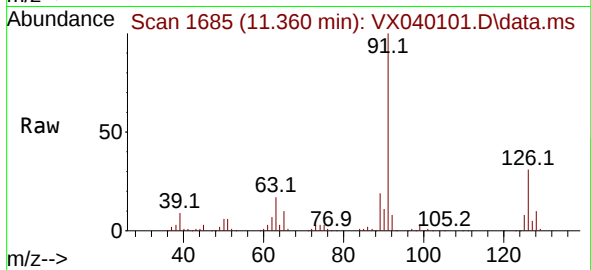
#79
2-Chlorotoluene
Concen: 48.223 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 222908
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

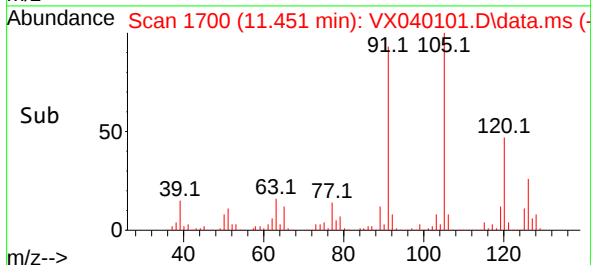
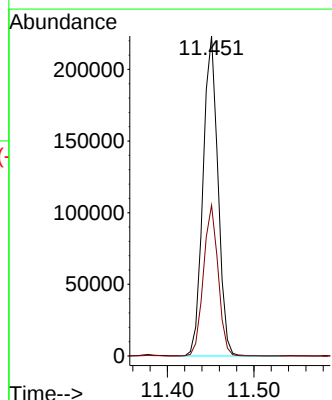
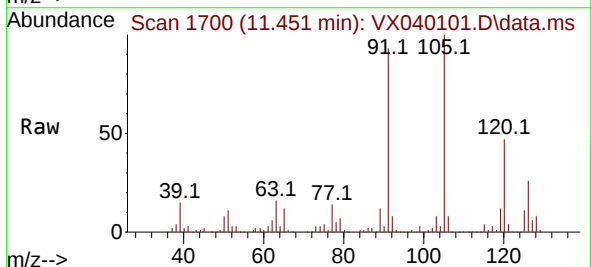
Manual Integrations
APPROVED

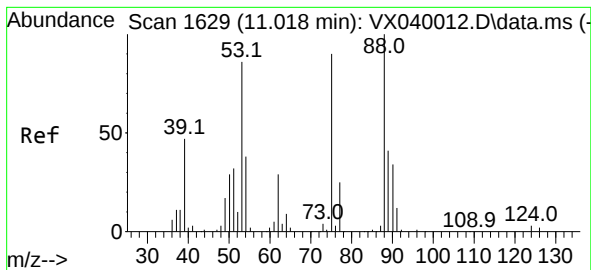
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.819 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

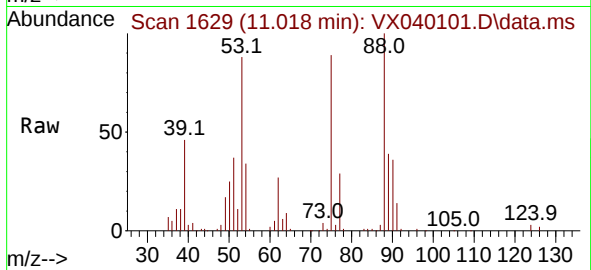
Tgt Ion:105 Resp: 267214
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.094 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

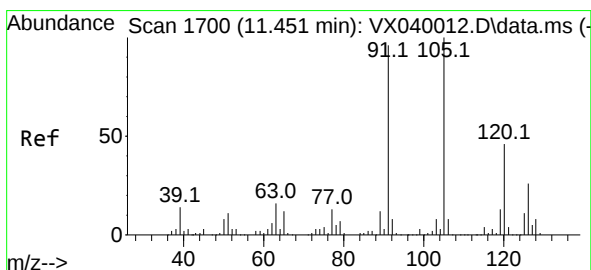
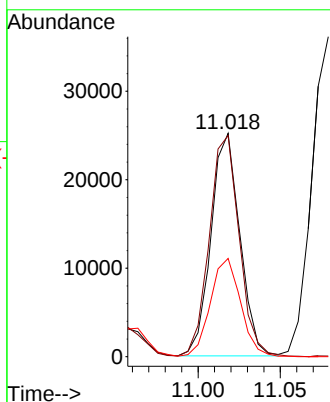
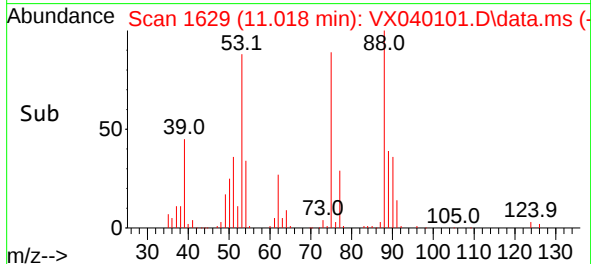
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 30738
Ion Ratio Lower Upper
75 100
53 103.0 90.5 135.7
89 46.3 36.9 55.3

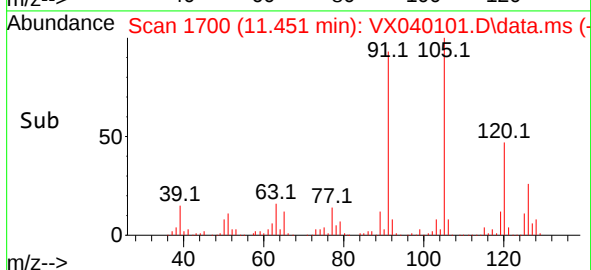
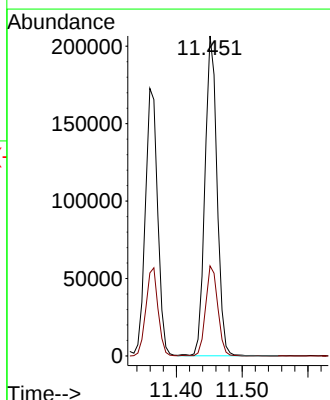
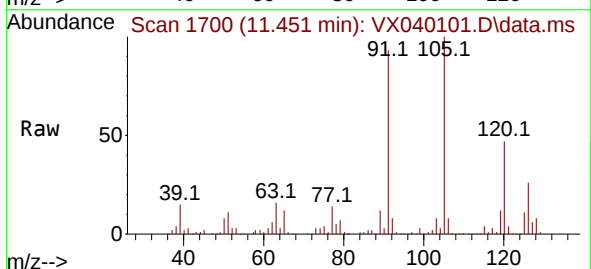
Manual Integrations
APPROVED

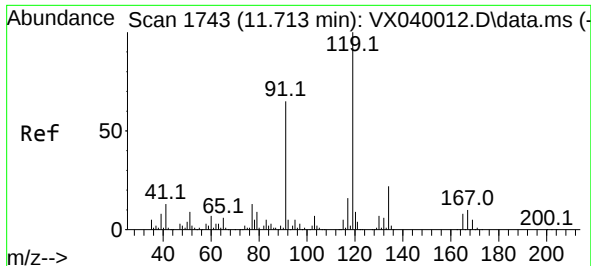
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#82
4-Chlorotoluene
Concen: 49.753 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

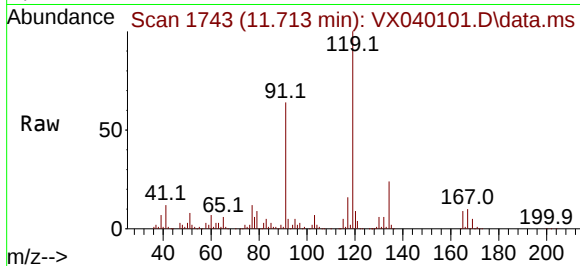
Tgt Ion: 91 Resp: 263964
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.538 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

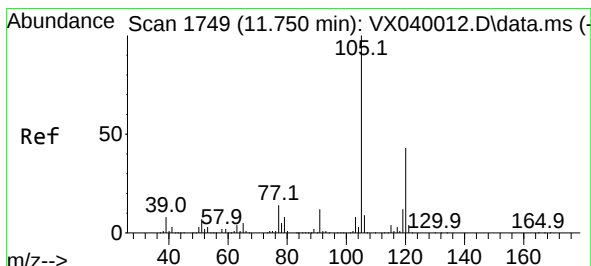
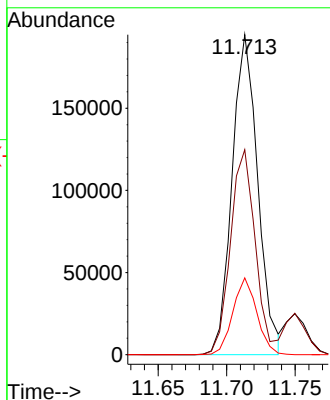
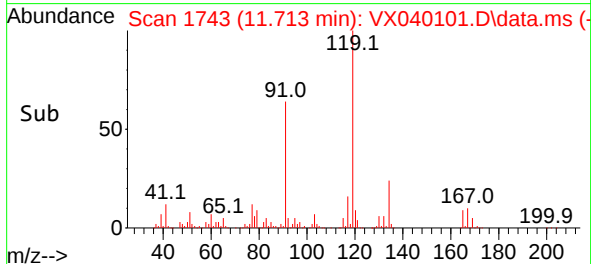
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



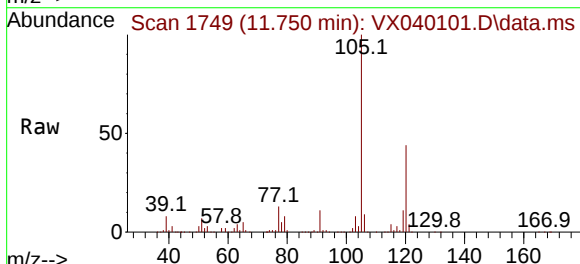
Tgt Ion:119 Resp: 254260
Ion Ratio Lower Upper
119 100
91 62.4 31.2 93.6
134 22.4 11.7 35.0

Manual Integrations
APPROVED

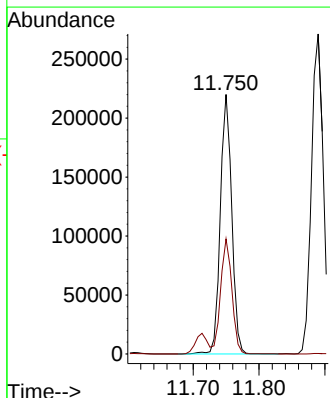
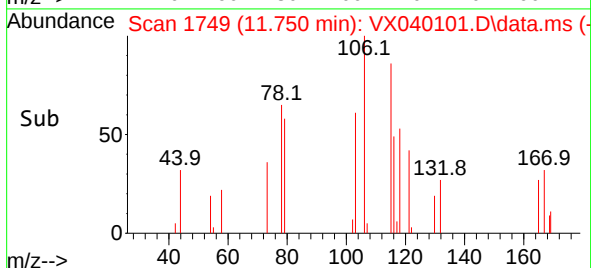
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

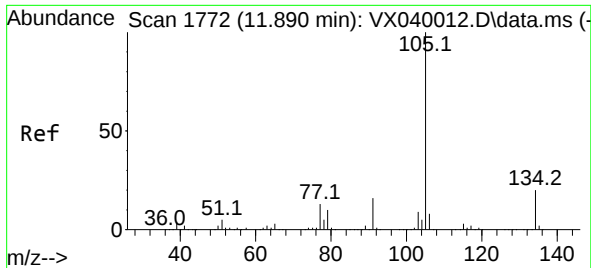


#84
1,2,4-Trimethylbenzene
Concen: 49.582 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27



Tgt Ion:105 Resp: 265375
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.742 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040101.D
 Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

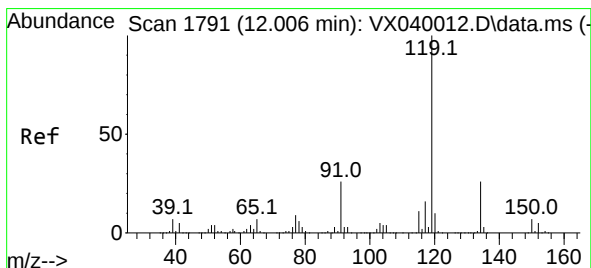
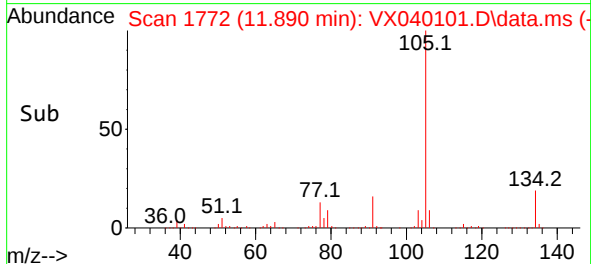
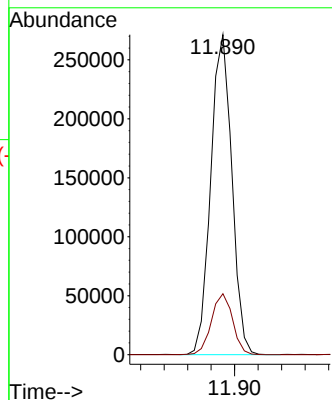
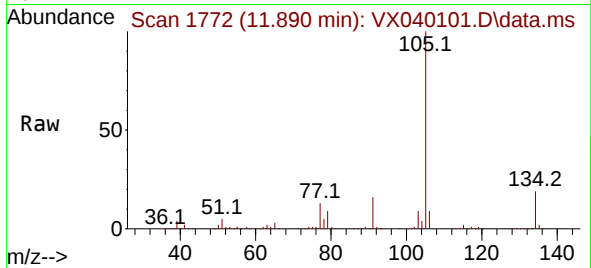
VSTDCCC050

Tgt Ion:105 Resp: 338245
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

Manual Integrations

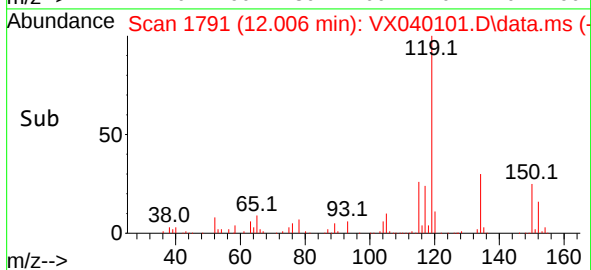
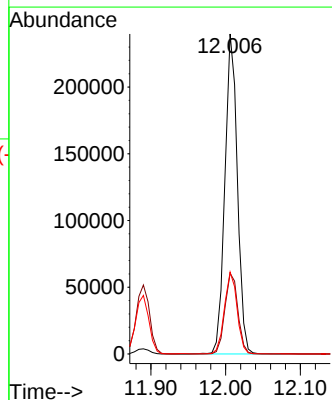
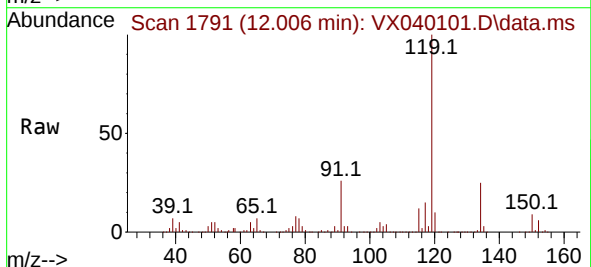
APPROVED

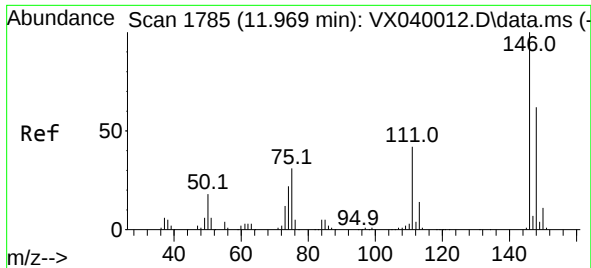
Reviewed By :John Carlone 02/06/2024
 Supervised By :Mahesh Dadoda 02/06/2024



#86
 p-Isopropyltoluene
 Concen: 50.269 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040101.D
 Acq: 05 Feb 2024 09:27

Tgt Ion:119 Resp: 279128
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.065 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 142460

Ion Ratio Lower Upper

146 100

111 43.3 22.1 66.1

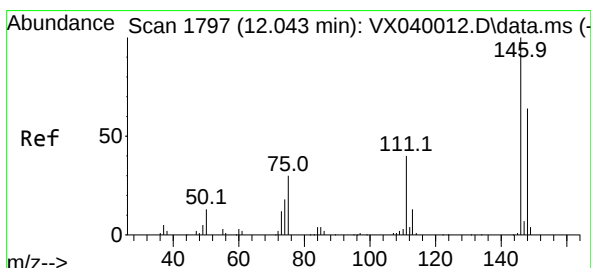
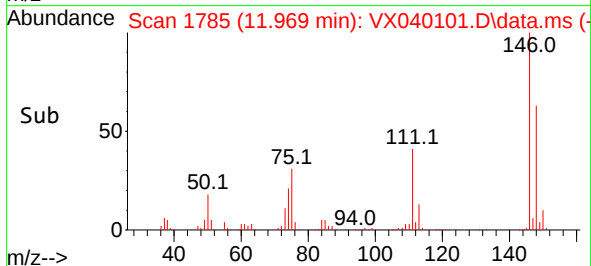
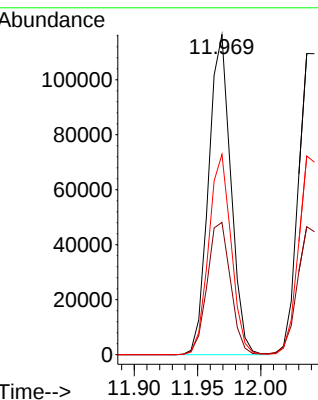
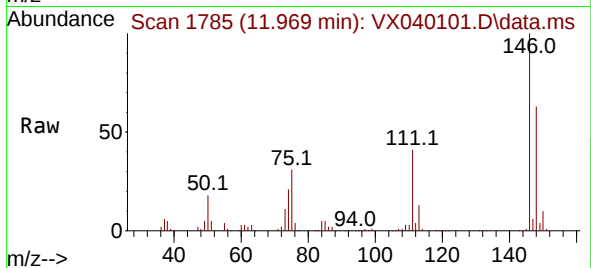
148 63.1 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#88

1,4-Dichlorobenzene

Concen: 47.932 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

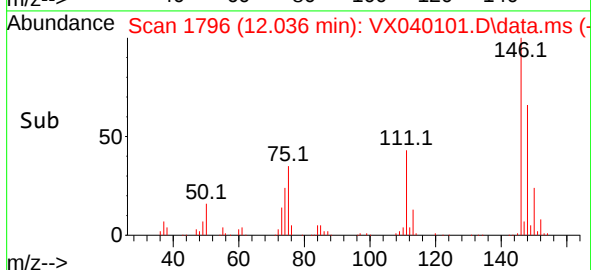
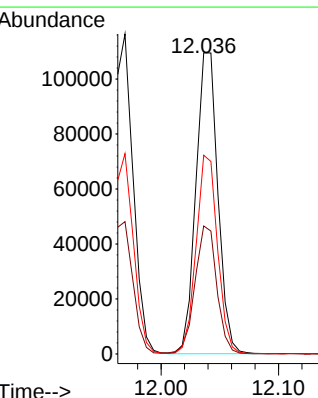
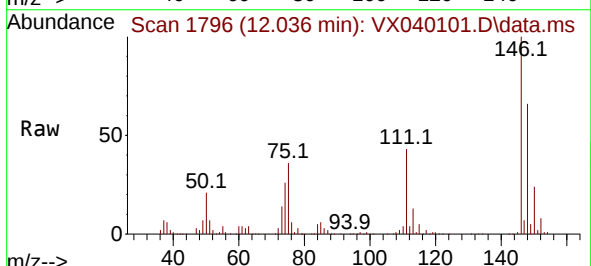
Tgt Ion:146 Resp: 142467

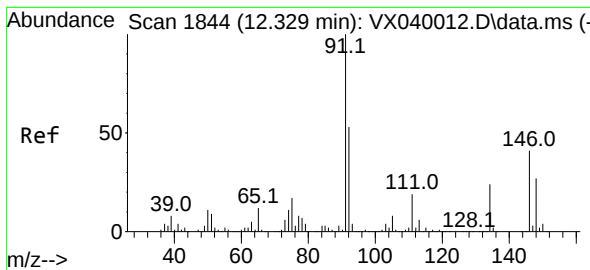
Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

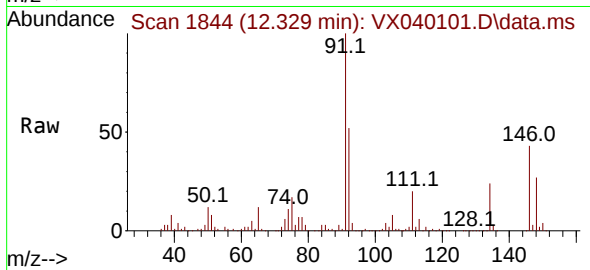
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 49.775 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

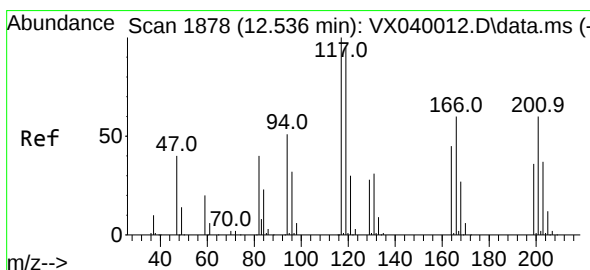
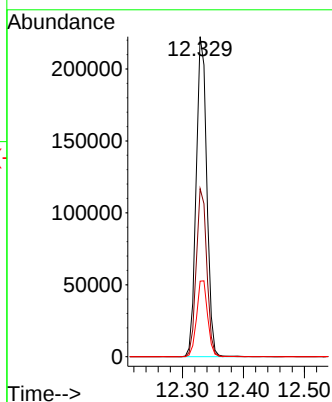
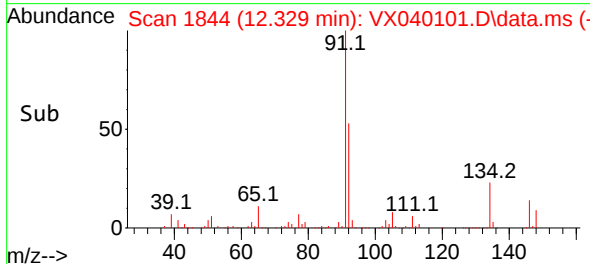
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 26826
Ion Ratio Lower Upper
91 100
92 52.0 27.4 82.0
134 24.6 12.6 37.8

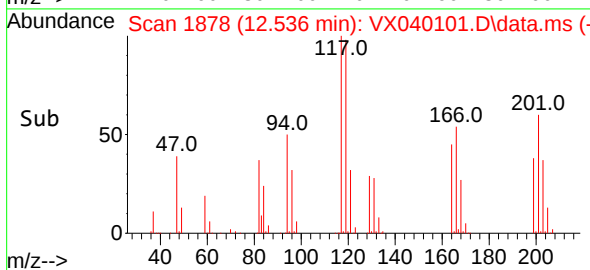
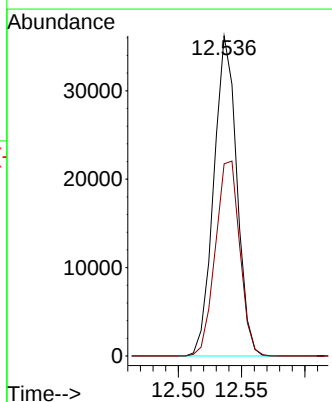
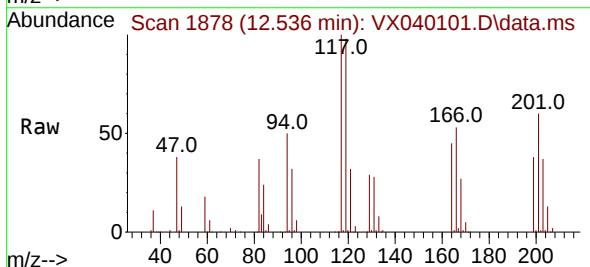
Manual Integrations
APPROVED

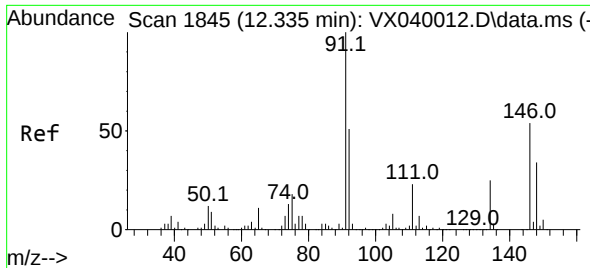
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#90
Hexachloroethane
Concen: 50.395 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

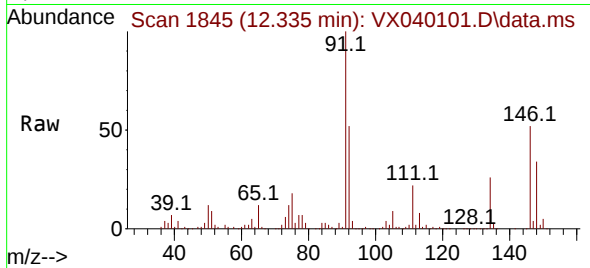
Tgt Ion:117 Resp: 45754
Ion Ratio Lower Upper
117 100
201 64.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.339 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

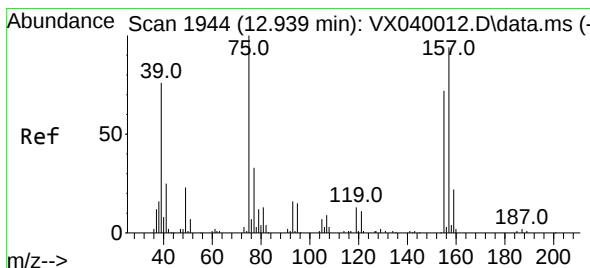
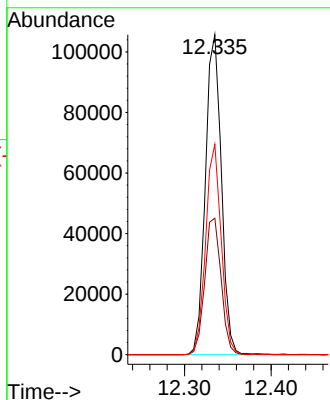
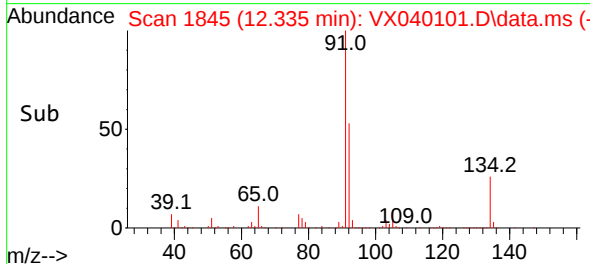
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



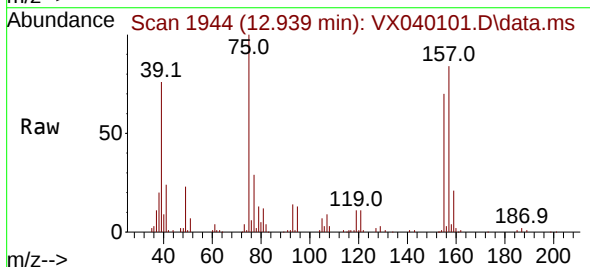
Tgt Ion:146 Resp: 13533
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.0
148 64.2 31.6 95.0

Manual Integrations
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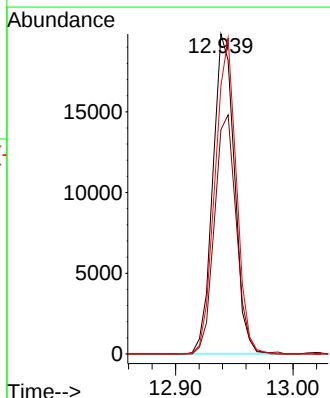
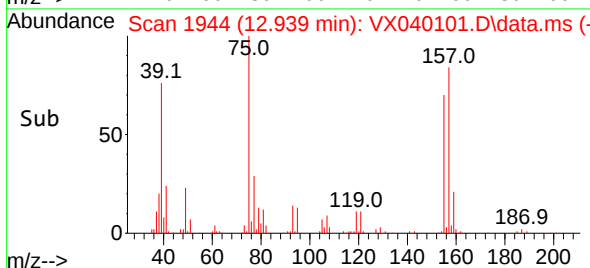
Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024

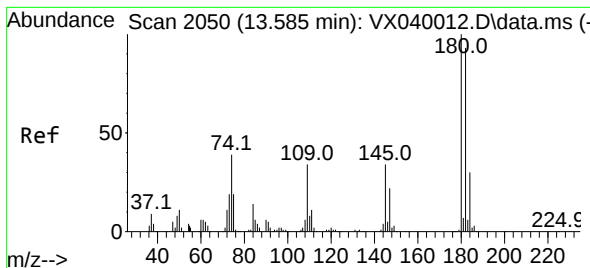


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.668 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27



Tgt Ion: 75 Resp: 25348
Ion Ratio Lower Upper
75 100
155 75.7 36.1 108.5
157 97.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.274 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

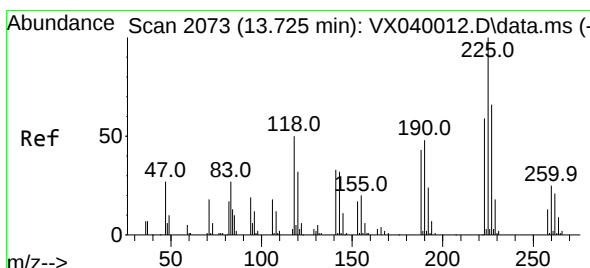
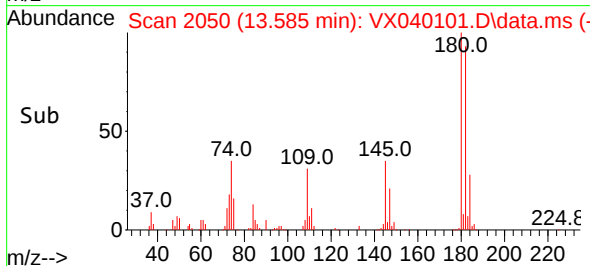
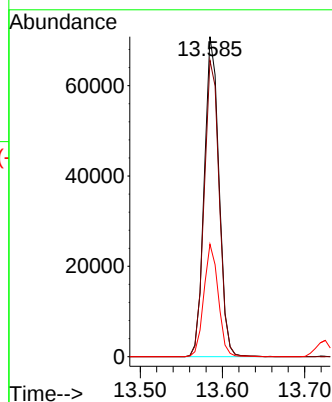
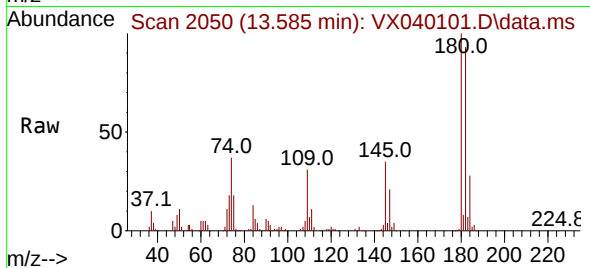
Tgt Ion:180	Resp:	8798
Ion Ratio	Lower	Upper
180	100	
182	94.6	48.3 144.8
145	34.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/06/2024

Supervised By :Mahesh Dadoda 02/06/2024



#94

Hexachlorobutadiene

Concen: 51.173 ug/l

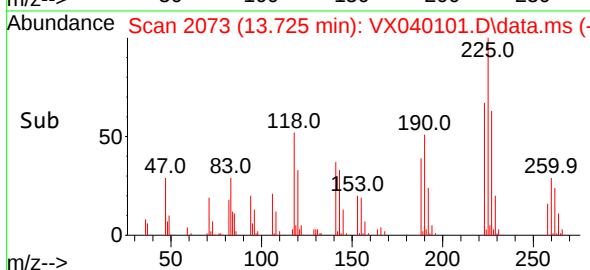
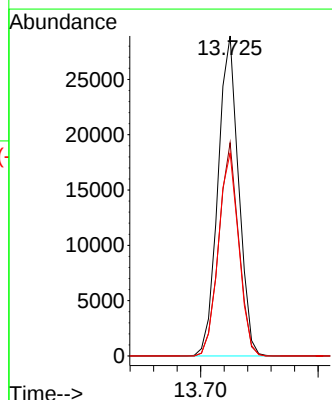
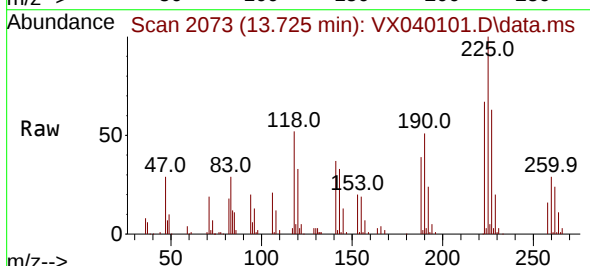
RT: 13.725 min Scan# 2073

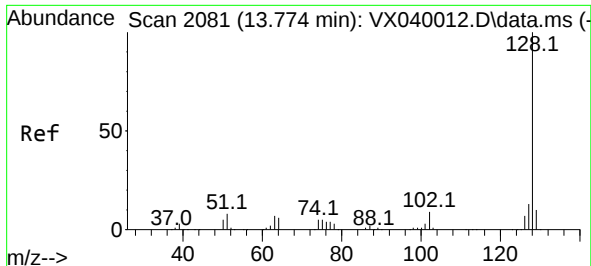
Delta R.T. -0.000 min

Lab File: VX040101.D

Acq: 05 Feb 2024 09:27

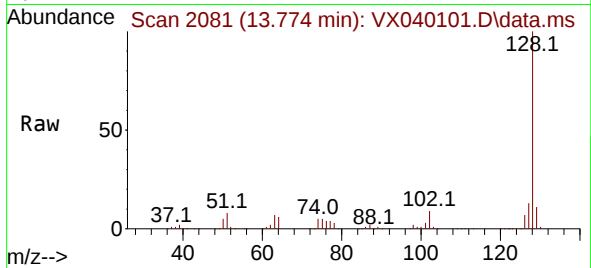
Tgt Ion:225	Resp:	35277
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.1 93.2
227	62.5	32.5 97.5





#95
Naphthalene
Concen: 49.501 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

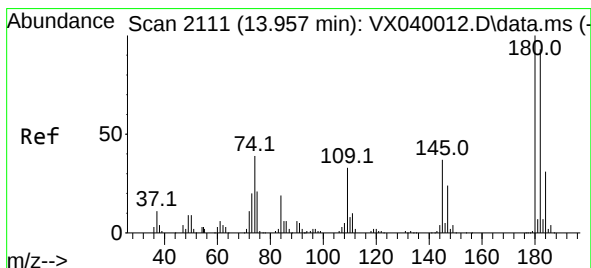
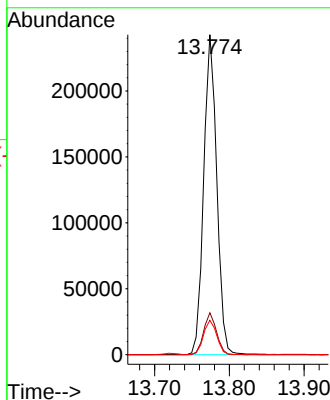
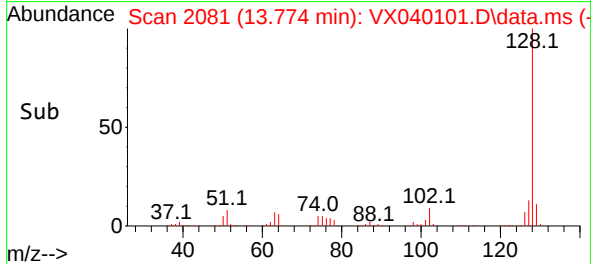
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 29423
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/06/2024
Supervised By :Mahesh Dadoda 02/06/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.944 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX040101.D
Acq: 05 Feb 2024 09:27

Tgt Ion:180 Resp: 86421
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 35.8 17.8 53.5

