

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022224\
 Data File : VX040395.D
 Acq On : 22 Feb 2024 10:11
 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 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

Quant Time: Feb 23 00:04:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	79726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66314	55.910	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.820%			
35) Dibromofluoromethane	5.385	113	49978	54.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.380%			
50) Toluene-d8	8.647	98	174639	50.623	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.240%			
62) 4-Bromofluorobenzene	11.079	95	70640	50.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	47727	52.996	ug/l	99
3) Chloromethane	1.295	50	45731	49.243	ug/l	94
4) Vinyl Chloride	1.374	62	48324	49.240	ug/l	99
5) Bromomethane	1.599	94	33218	59.981	ug/l	96
6) Chloroethane	1.679	64	30995	50.077	ug/l	100
7) Trichlorofluoromethane	1.886	101	83187	52.782	ug/l	99
8) Diethyl Ether	2.130	74	31601	53.376	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	47291	55.939	ug/l	98
10) Methyl Iodide	2.453	142	54214	57.762	ug/l	94
11) Tert butyl alcohol	2.953	59	65608	283.978	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	42520	52.238	ug/l	97
13) Acrolein	2.233	56	58218	273.011	ug/l	99
14) Allyl chloride	2.660	41	82737	58.572	ug/l	95
15) Acrylonitrile	3.056	53	151959	293.965	ug/l	99
16) Acetone	2.374	43	167718	344.294	ug/l	97
17) Carbon Disulfide	2.508	76	92519	43.054	ug/l	97
18) Methyl Acetate	2.697	43	70844	54.250	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	170748	59.544	ug/l	99
20) Methylene Chloride	2.788	84	52571	57.815	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	46237	49.876	ug/l	97
22) Diisopropyl ether	3.751	45	176942	61.765	ug/l	93
23) Vinyl Acetate	3.715	43	818892	320.654	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98101	58.787	ug/l	99
25) 2-Butanone	4.544	43	222402	292.073	ug/l	97
26) 2,2-Dichloropropane	4.471	77	78361	61.001	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	56528	53.452	ug/l	98
28) Bromochloromethane	4.891	49	41994	59.272	ug/l	100
29) Tetrahydrofuran	4.995	42	138167	278.514	ug/l	99
30) Chloroform	5.087	83	106122	58.819	ug/l	94
31) Cyclohexane	5.471	56	71202	50.329	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	87457	57.620	ug/l	98
36) 1,1-Dichloropropene	5.690	75	71424	55.287	ug/l	99
37) Ethyl Acetate	4.709	43	84528	58.803	ug/l	99
38) Carbon Tetrachloride	5.672	117	70370	57.289	ug/l	98
39) Methylcyclohexane	7.379	83	77361	51.528	ug/l	94
40) Benzene	6.032	78	199447	55.207	ug/l	100

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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	48726	63.941	ug/l	98
42) 1,2-Dichloroethane	6.080	62	85957	60.872	ug/l	100
43) Isopropyl Acetate	6.330	43	138123	61.553	ug/l	98
44) Trichloroethene	7.123	130	53089	53.274	ug/l	98
45) 1,2-Dichloropropane	7.428	63	57429	61.074	ug/l	95
46) Dibromomethane	7.574	93	40570	58.582	ug/l	99
47) Bromodichloromethane	7.818	83	82857	62.093	ug/l	98
48) Methyl methacrylate	7.684	41	70248	61.181	ug/l	96
49) 1,4-Dioxane	7.653	88	23364	935.355	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	461677	301.344	ug/l	98
52) Toluene	8.714	92	125832	53.175	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	85338	53.654	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	90105	60.251	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	57875	57.342	ug/l	96
56) Ethyl methacrylate	9.116	69	88521	58.586	ug/l	95
57) 1,3-Dichloropropane	9.305	76	94594	57.421	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	200289	280.216	ug/l	96
59) 2-Hexanone	9.427	43	365734	301.092	ug/l	99
60) Dibromochloromethane	9.519	129	60220	58.564	ug/l	98
61) 1,2-Dibromoethane	9.610	107	58827	54.834	ug/l	100
64) Tetrachloroethene	9.269	164	43832	50.556	ug/l	98
65) Chlorobenzene	10.080	112	142281	55.103	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	53606	59.943	ug/l	99
67) Ethyl Benzene	10.189	91	264810	57.583	ug/l	97
68) m/p-Xylenes	10.299	106	194806	112.162	ug/l	97
69) o-Xylene	10.640	106	95618	56.653	ug/l	95
70) Styrene	10.653	104	163729	58.348	ug/l	99
71) Bromoform	10.799	173	44272	52.620	ug/l #	99
73) Isopropylbenzene	10.964	105	263332	57.213	ug/l	99
74) N-amyl acetate	10.842	43	128155	64.958	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	97121	58.733	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80896m	61.131	ug/l	
77) Bromobenzene	11.195	156	60465	55.621	ug/l	99
78) n-propylbenzene	11.305	91	322426	57.862	ug/l	98
79) 2-Chlorotoluene	11.360	91	188029	55.880	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	223081	57.571	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24876	52.589	ug/l	99
82) 4-Chlorotoluene	11.451	91	224685	56.357	ug/l	100
83) tert-Butylbenzene	11.713	119	216980	57.116	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	226264	57.717	ug/l	99
85) sec-Butylbenzene	11.890	105	282369	57.836	ug/l	100
86) p-Isopropyltoluene	12.006	119	232519	58.100	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	119666	55.557	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	124302	54.499	ug/l	99
89) n-Butylbenzene	12.329	91	227672	58.933	ug/l	97
90) Hexachloroethane	12.536	117	37888	60.019	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	118737	56.944	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22301	58.432	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	81605	57.165	ug/l	96
94) Hexachlorobutadiene	13.725	225	32886	57.721	ug/l	97
95) Naphthalene	13.774	128	259945	57.654	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	78785	57.899	ug/l	97

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QLast Update : Mon Feb 12 00:21:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

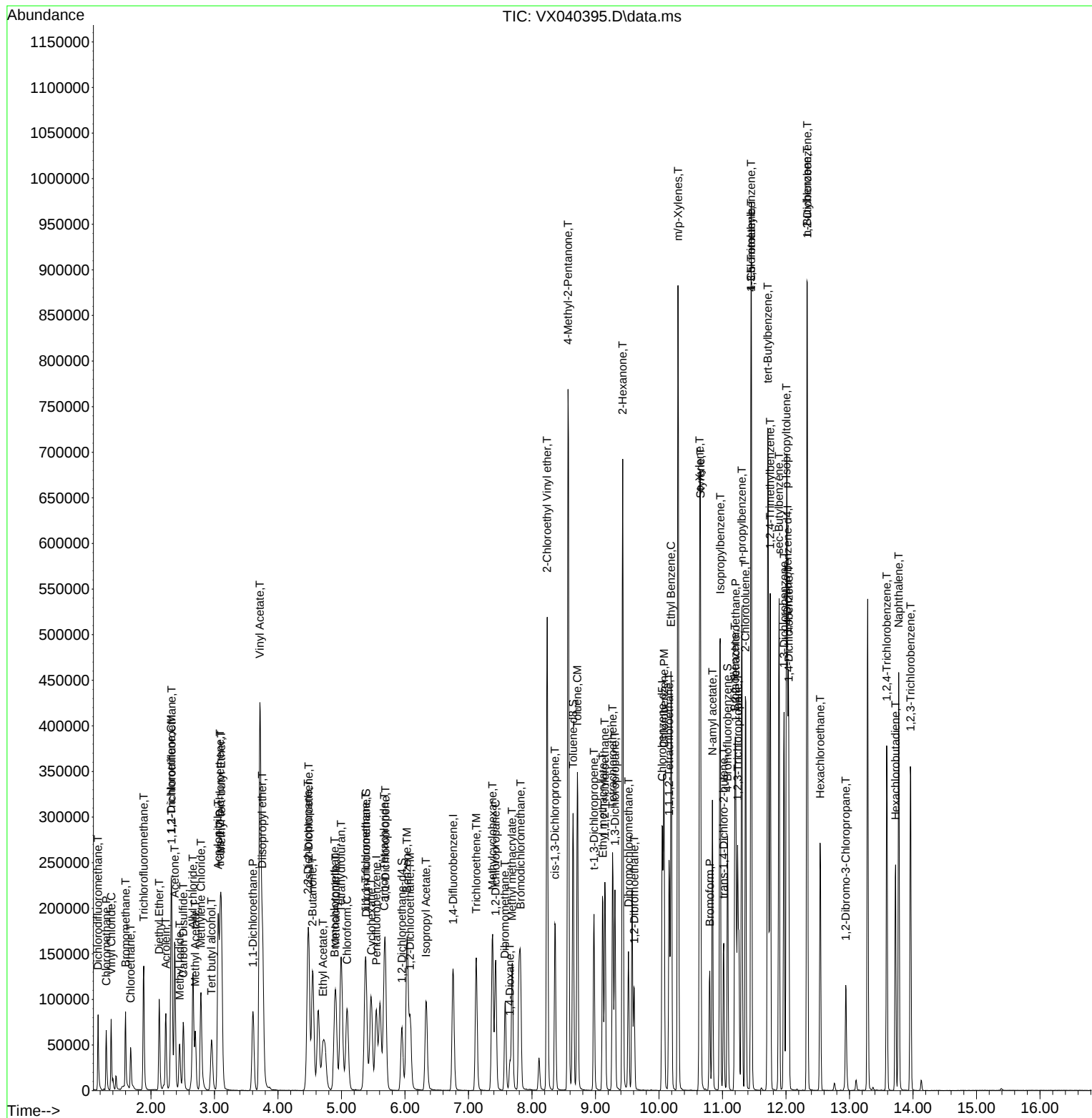
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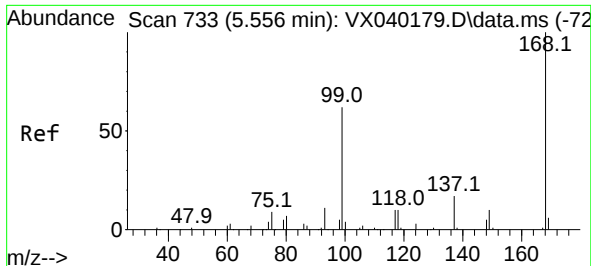
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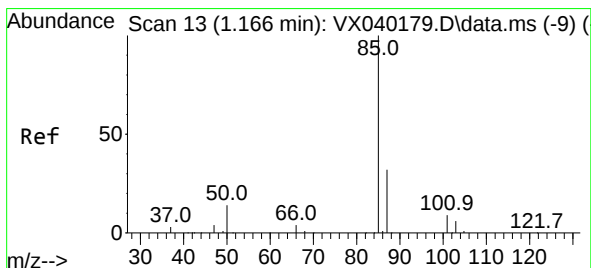
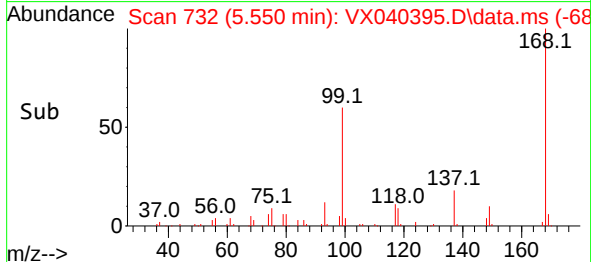
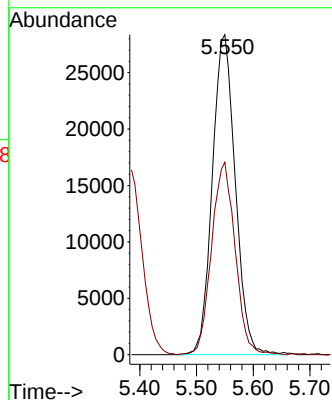
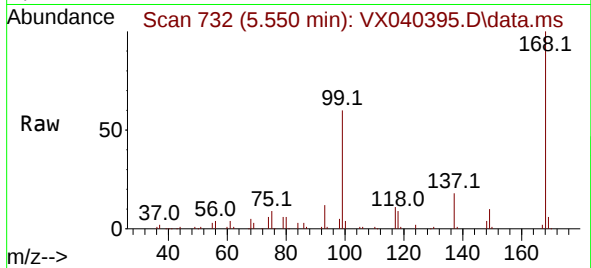
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 79720
Ion Ratio Lower Upper
168 100
99 60.0 56.6 85.0

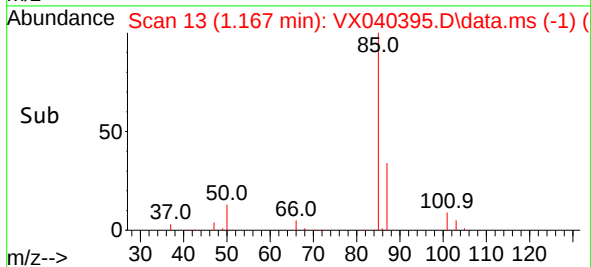
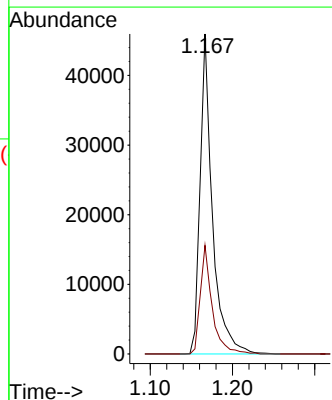
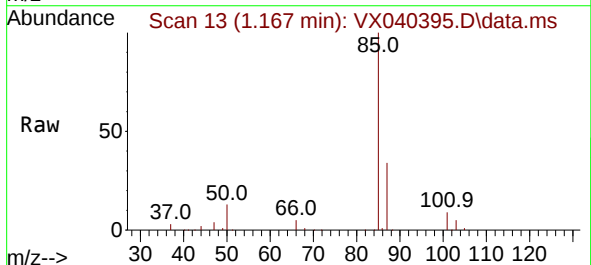
Manual Integrations
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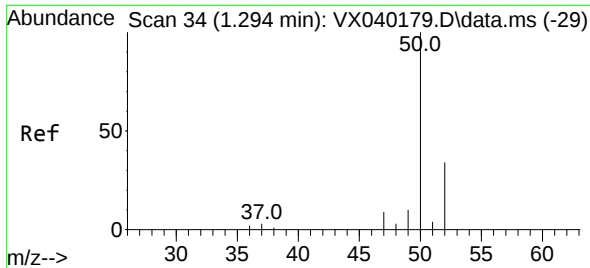
Reviewed By :John Carlone 02/23/2024
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#2
Dichlorodifluoromethane
Concen: 52.996 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 85 Resp: 47727
Ion Ratio Lower Upper
85 100
87 33.9 16.7 50.1





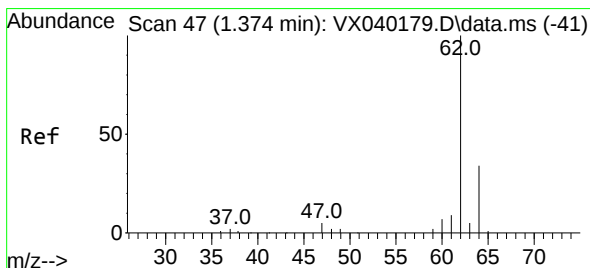
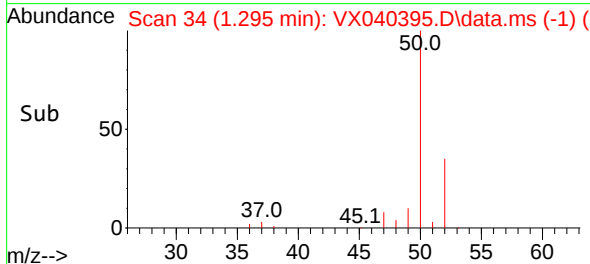
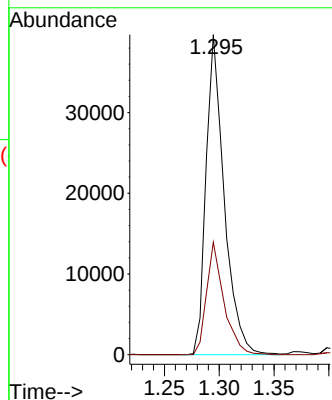
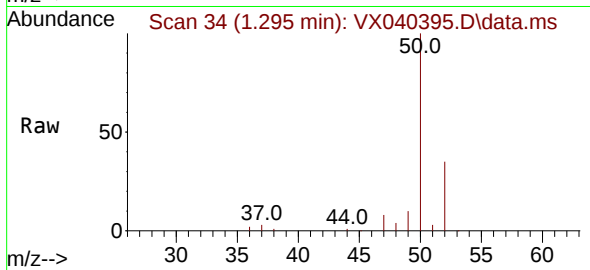
#3
Chloromethane
Concen: 49.243 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 4573
Ion Ratio Lower Upper
50 100
52 35.2 25.5 38.3

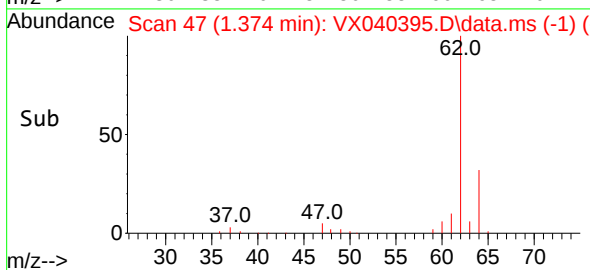
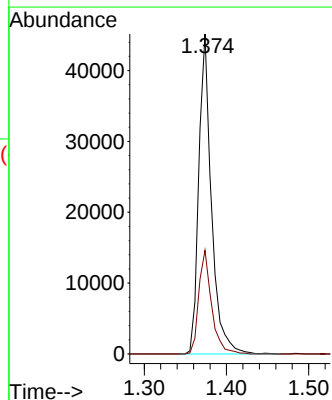
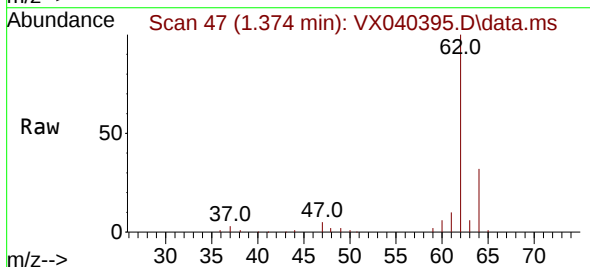
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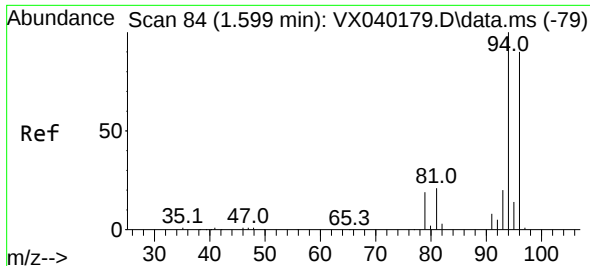
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#4
Vinyl Chloride
Concen: 49.240 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

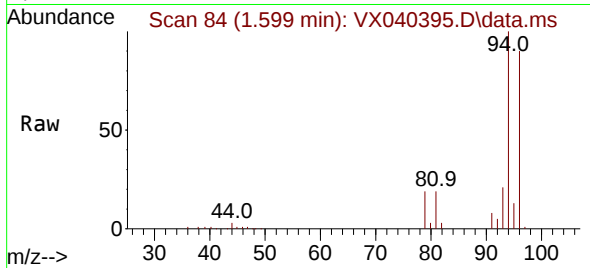
Tgt Ion: 62 Resp: 48324
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 59.981 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

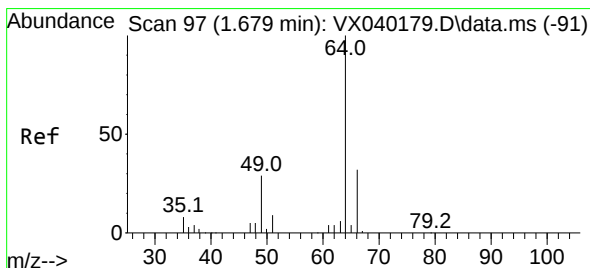
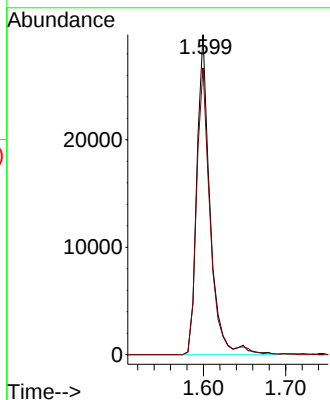
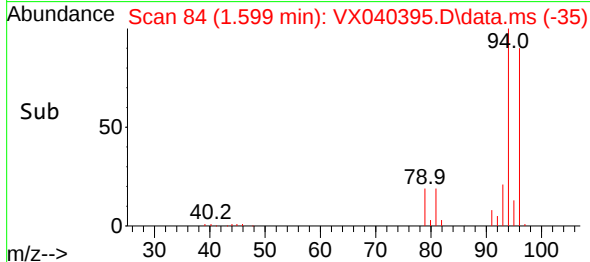
Instrument :
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Tgt Ion: 94 Resp: 33218
Ion Ratio Lower Upper
94 100
96 89.7 74.6 111.8

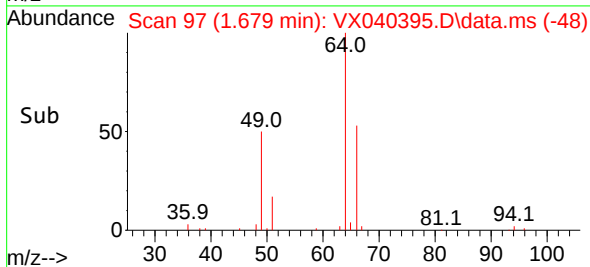
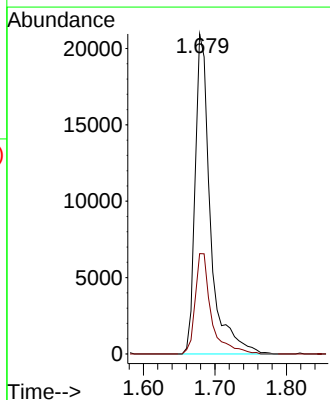
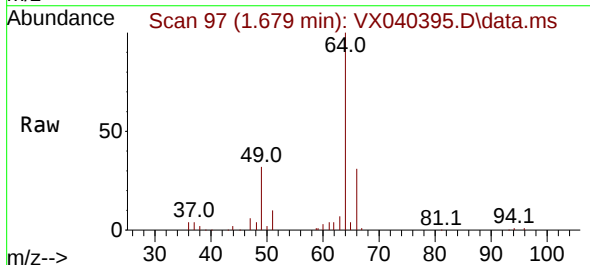
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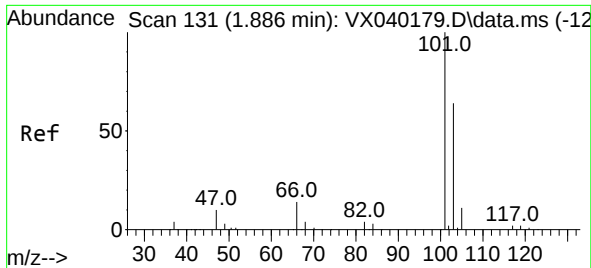
Reviewed By :John Carlone 02/23/2024
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#6
Chloroethane
Concen: 50.077 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 64 Resp: 30995
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7





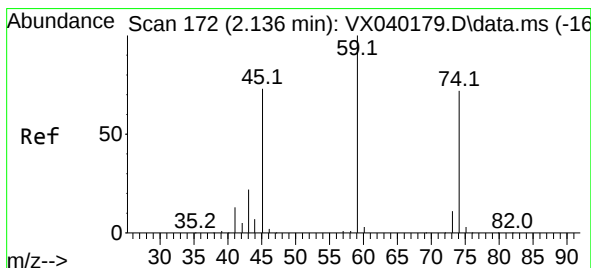
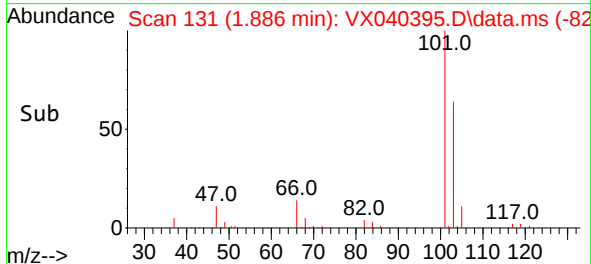
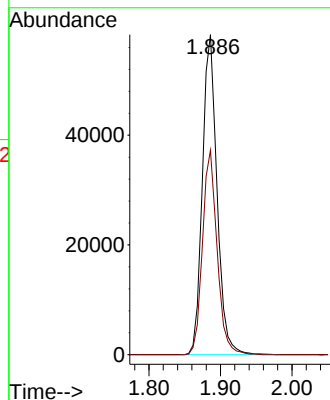
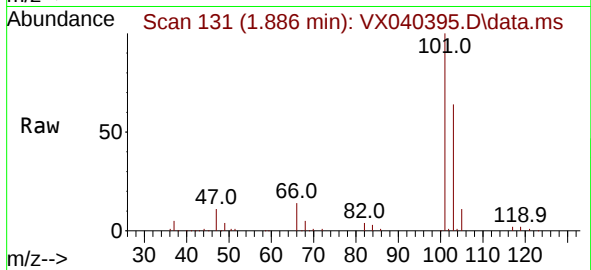
#7
Trichlorofluoromethane
Concen: 52.782 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8318
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

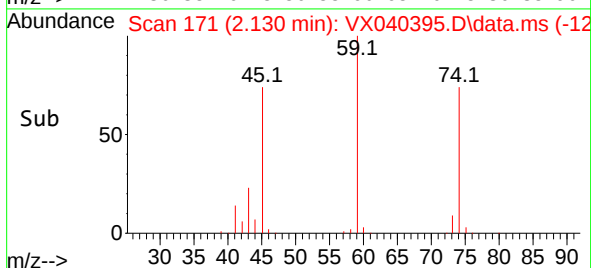
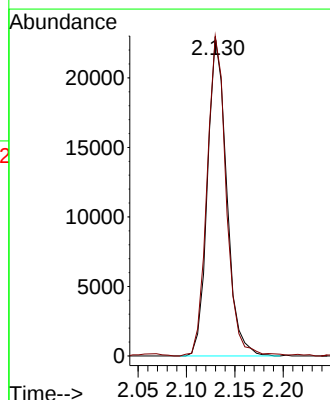
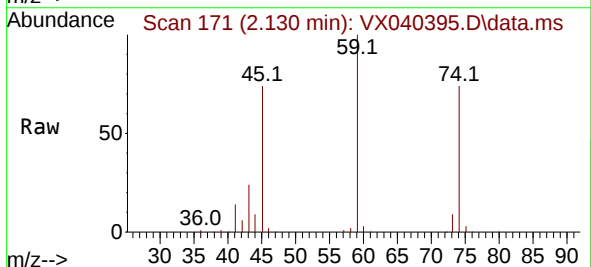
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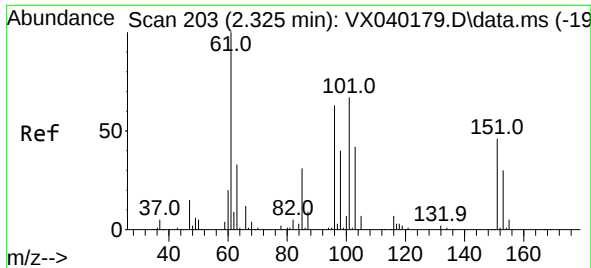
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#8
Diethyl Ether
Concen: 53.376 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 74 Resp: 31601
Ion Ratio Lower Upper
74 100
45 101.2 53.3 159.8





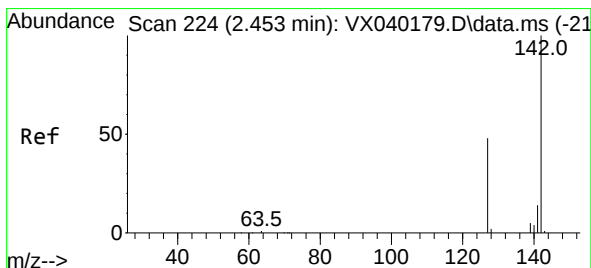
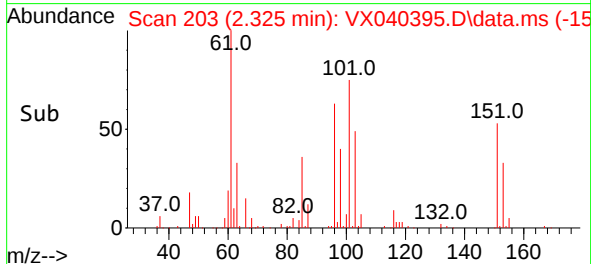
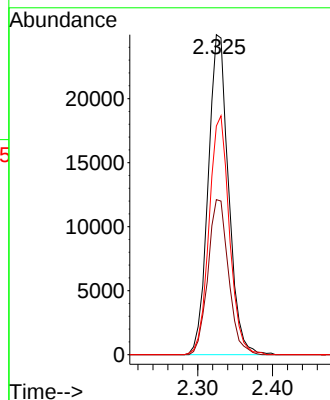
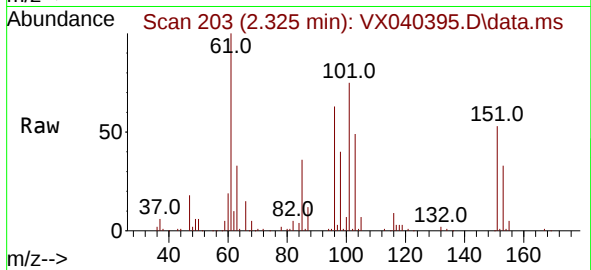
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.939 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 4729
Ion Ratio Lower Upper
101 100
85 48.9 37.0 55.6
151 74.4 58.6 87.8

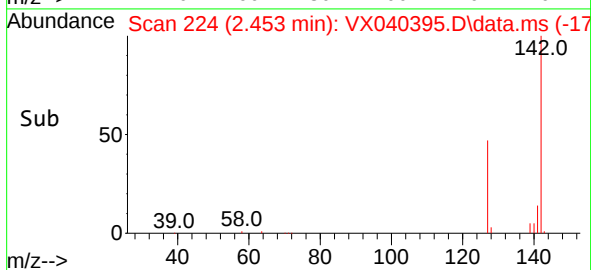
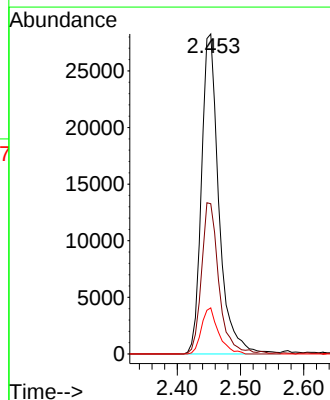
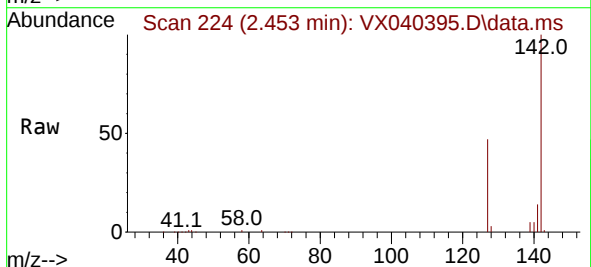
Manual Integrations
APPROVED

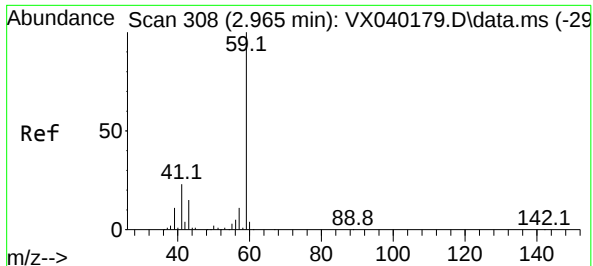
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#10
Methyl Iodide
Concen: 57.762 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion:142 Resp: 54214
Ion Ratio Lower Upper
142 100
127 46.9 41.6 62.4
141 14.0 11.6 17.4





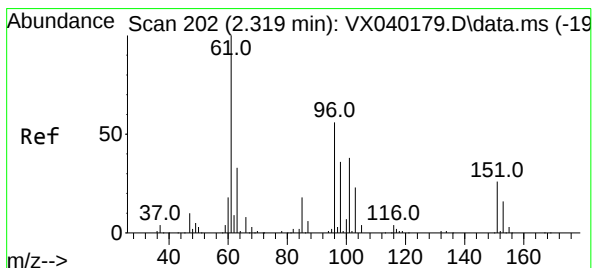
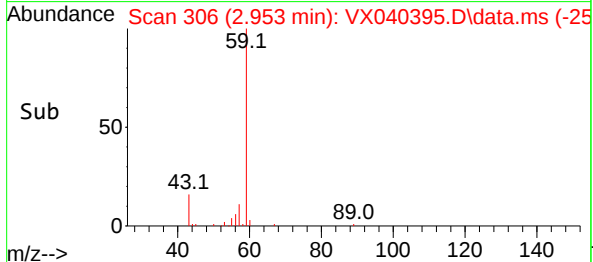
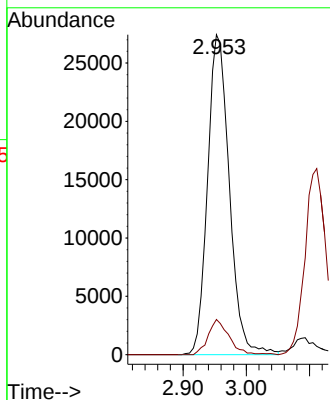
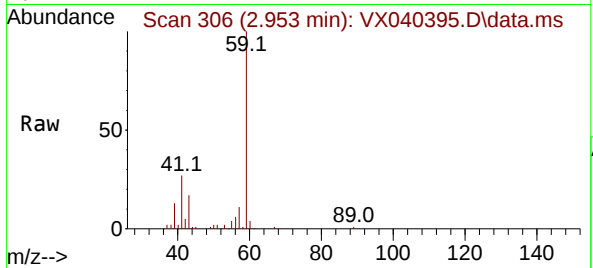
#11
Tert butyl alcohol
Concen: 283.978 ug/l
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 65608
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

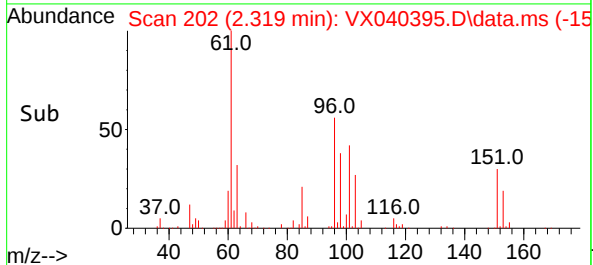
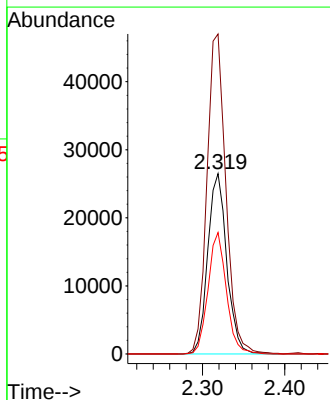
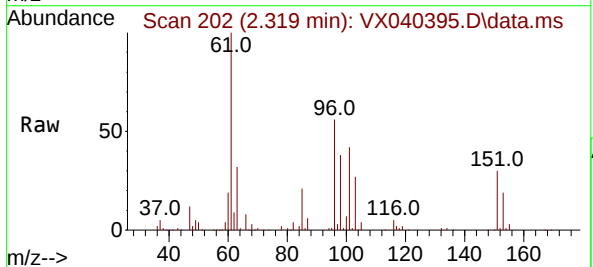
Manual Integrations
APPROVED

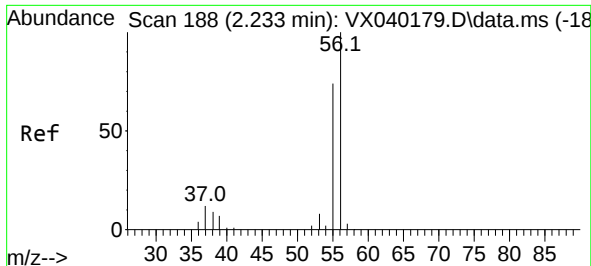
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#12
1,1-Dichloroethene
Concen: 52.238 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

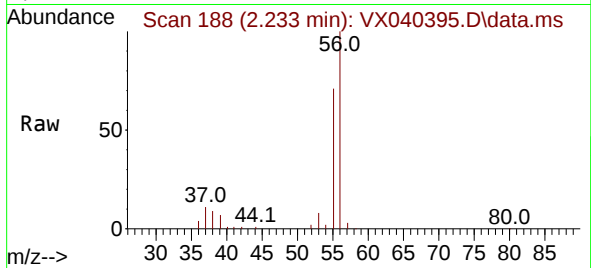
Tgt Ion: 96 Resp: 42520
Ion Ratio Lower Upper
96 100
61 177.4 144.6 216.8
98 67.3 50.4 75.6





#13
Acrolein
Concen: 273.011 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

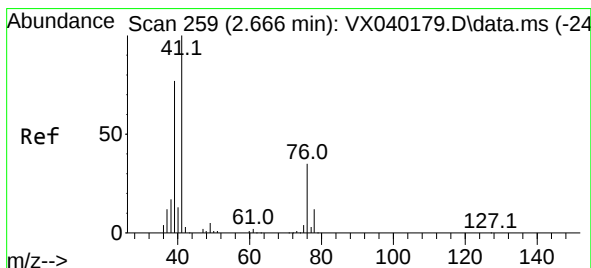
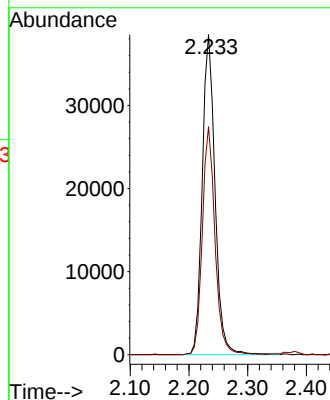
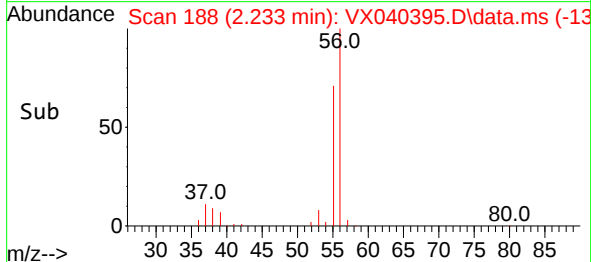
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 58218
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7

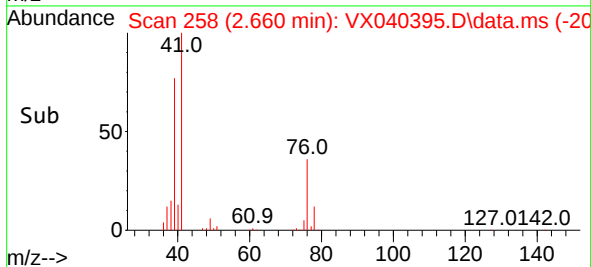
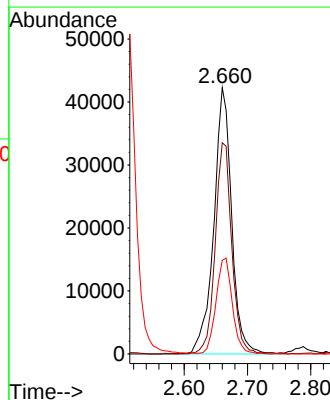
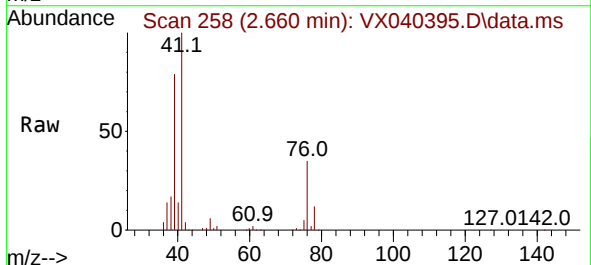
Manual Integrations
APPROVED

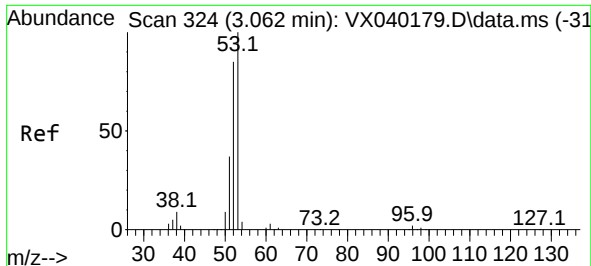
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#14
Allyl chloride
Concen: 58.572 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

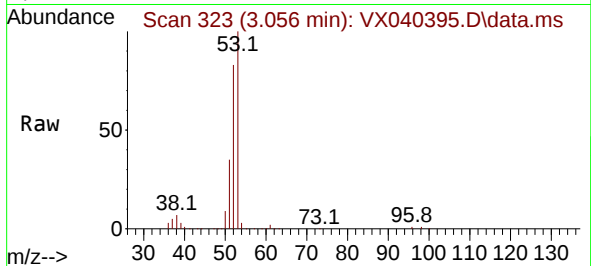
Tgt Ion: 41 Resp: 82737
Ion Ratio Lower Upper
41 100
39 73.7 55.8 83.6
76 33.0 24.3 36.5





#15
Acrylonitrile
Concen: 293.965 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

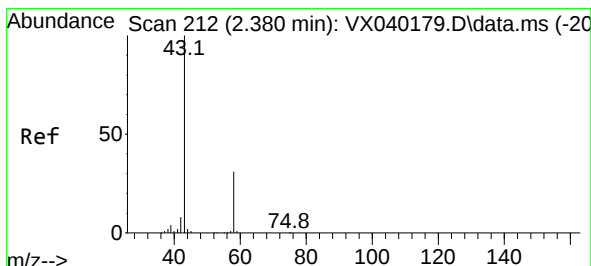
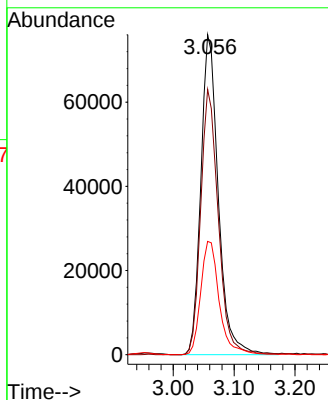
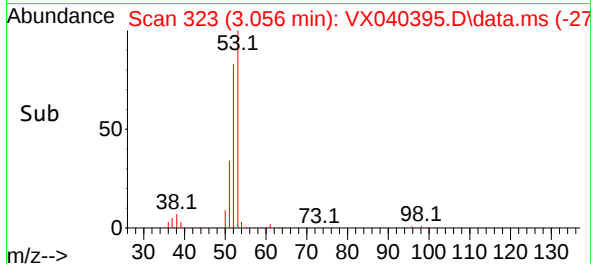
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 15195
Ion Ratio Lower Upper
53 100
52 83.3 66.0 99.0
51 37.5 29.8 44.6

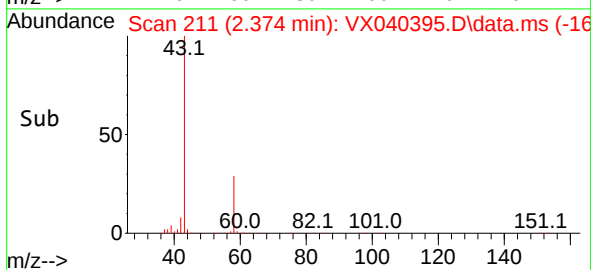
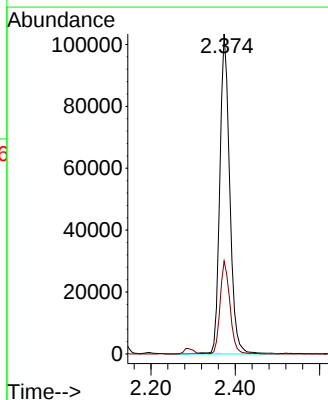
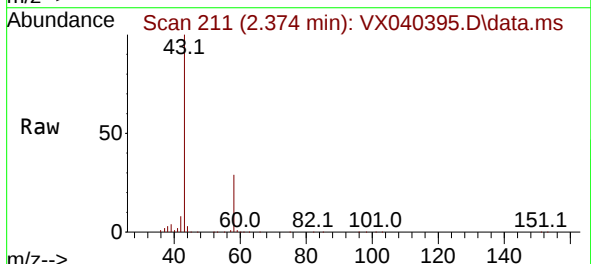
Manual Integrations
APPROVED

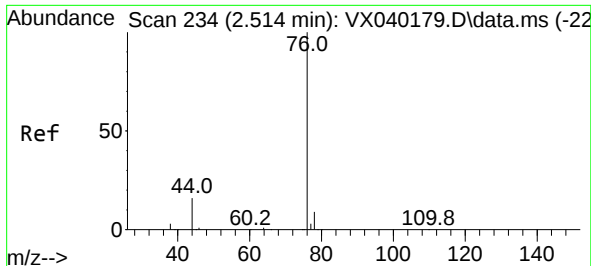
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#16
Acetone
Concen: 344.294 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 43 Resp: 167718
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9





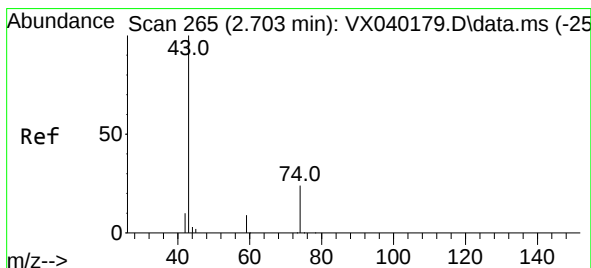
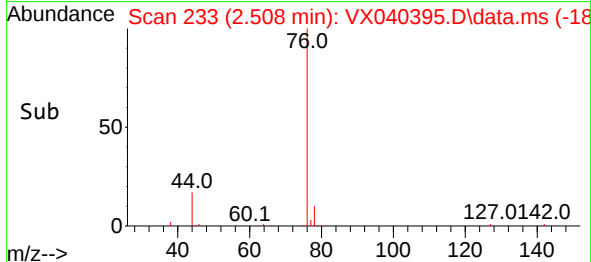
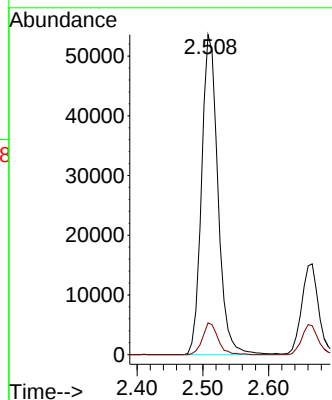
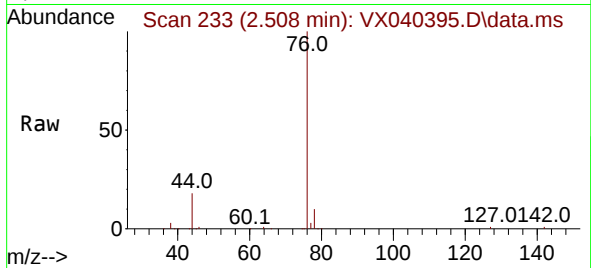
#17
Carbon Disulfide
Concen: 43.054 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 92519
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

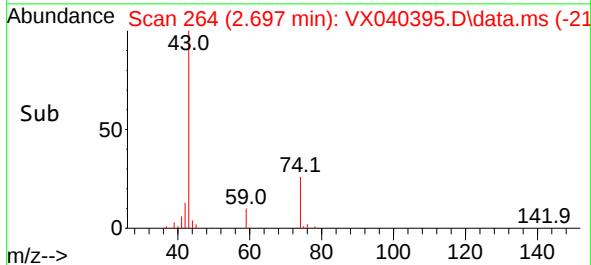
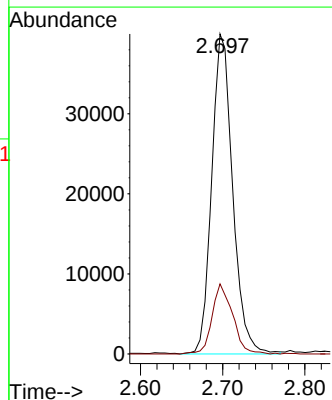
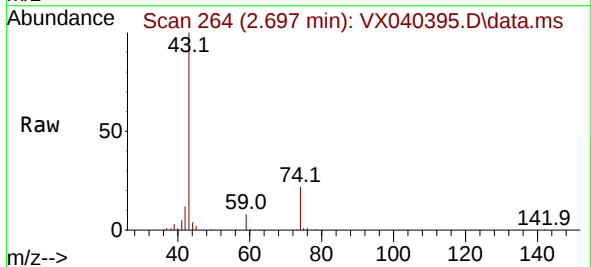
Manual Integrations
APPROVED

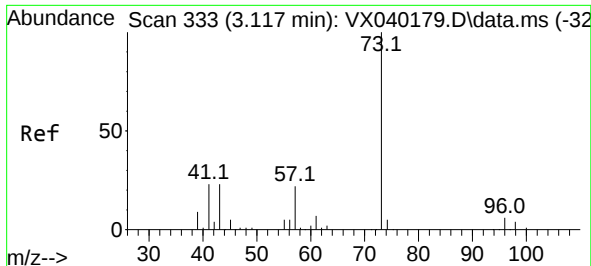
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#18
Methyl Acetate
Concen: 54.250 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 43 Resp: 70844
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8





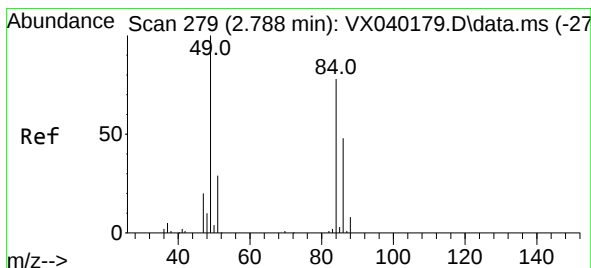
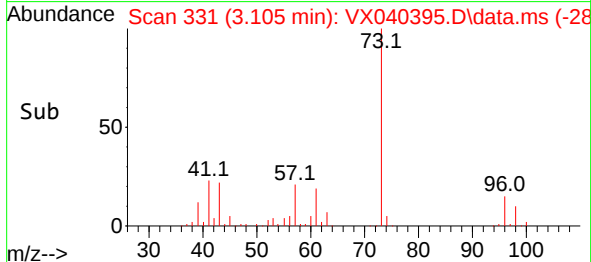
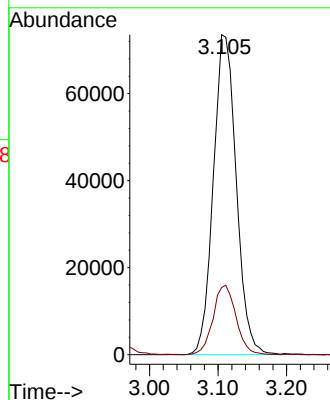
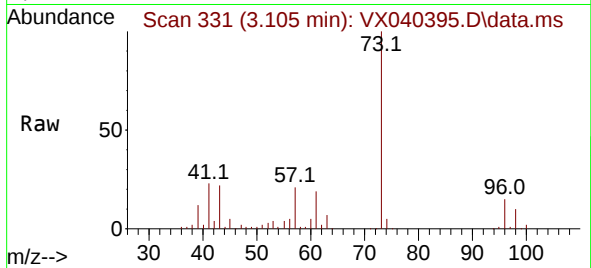
#19
Methyl tert-butyl Ether
Concen: 59.544 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 170748
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

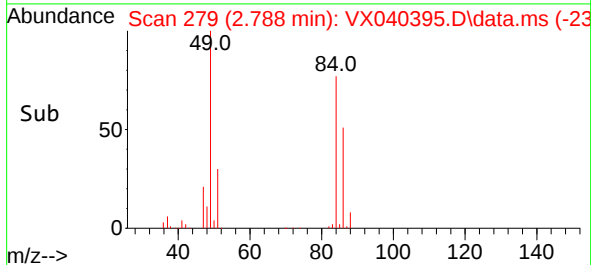
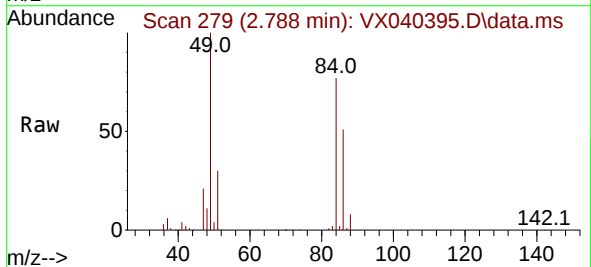
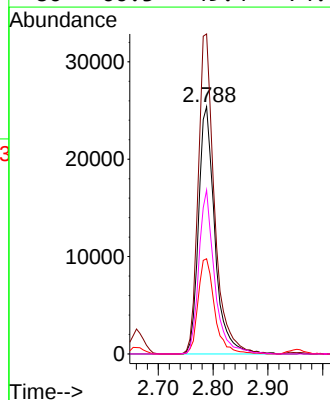
Manual Integrations
APPROVED

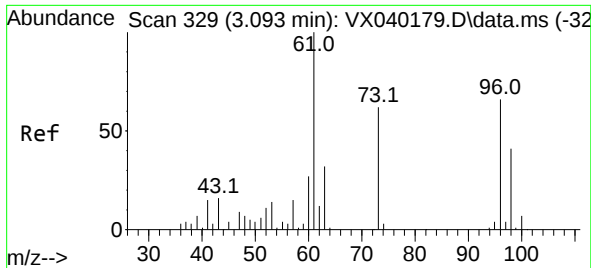
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#20
Methylene Chloride
Concen: 57.815 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

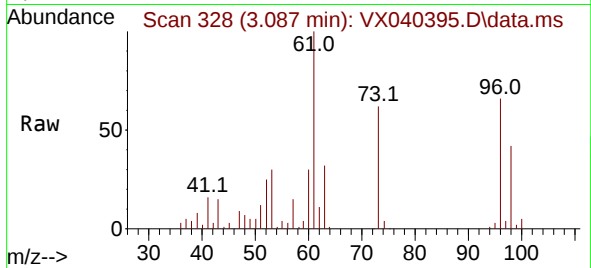
Tgt Ion: 84 Resp: 52571
Ion Ratio Lower Upper
84 100
49 129.5 103.6 155.4
51 38.5 33.8 50.6
86 66.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.876 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

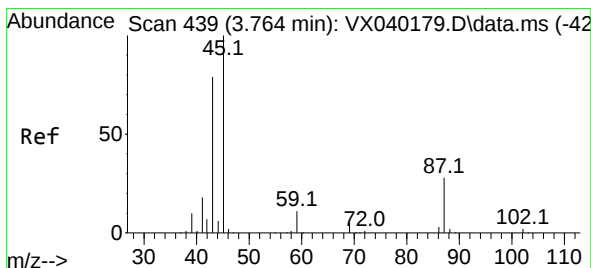
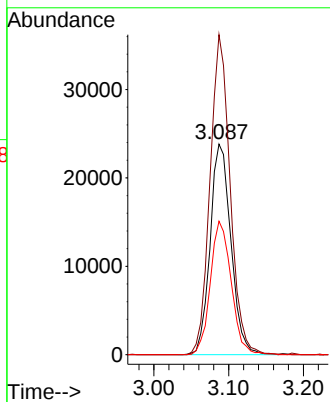
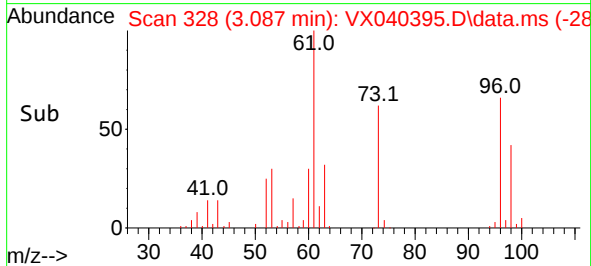
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 4623
Ion Ratio Lower Upper
96 100
61 151.9 119.2 178.8
98 63.4 48.7 73.1

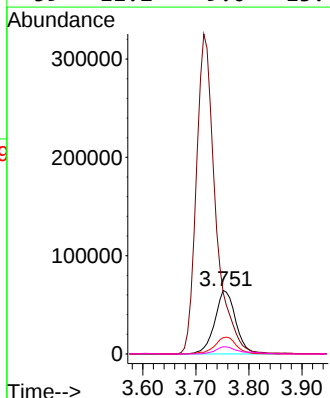
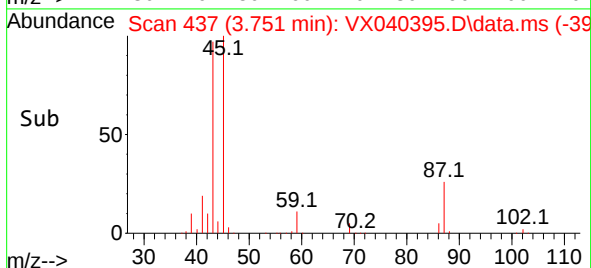
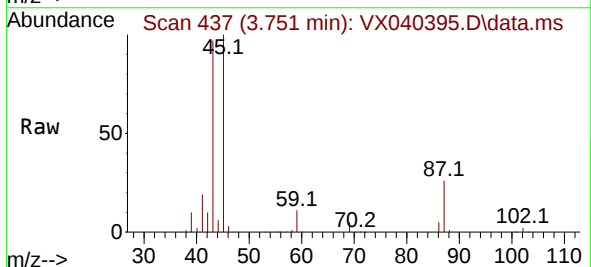
Manual Integrations
APPROVED

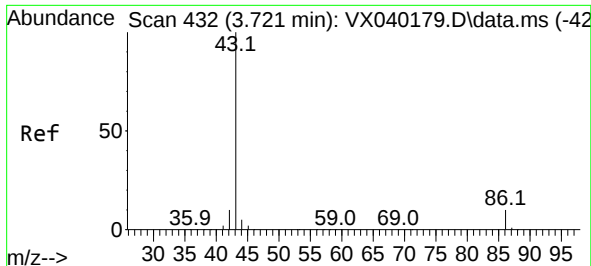
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#22
Diisopropyl ether
Concen: 61.765 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

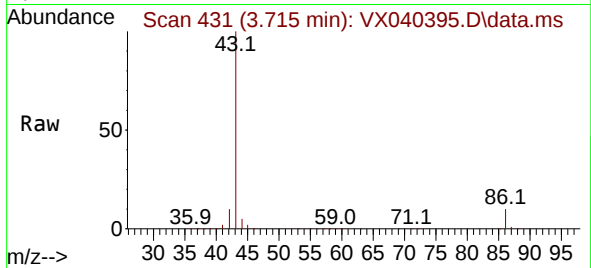
Tgt Ion: 45 Resp: 176942
Ion Ratio Lower Upper
45 100
43 96.5 69.7 104.5
87 25.8 20.8 31.2
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 320.654 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX040395.D
 Acq: 22 Feb 2024 10:11

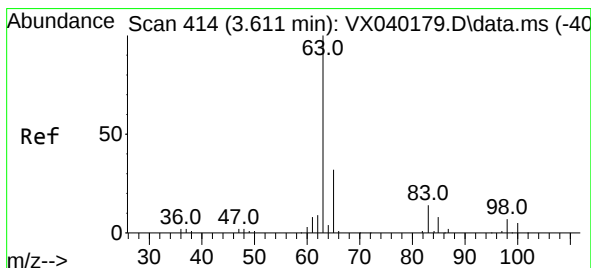
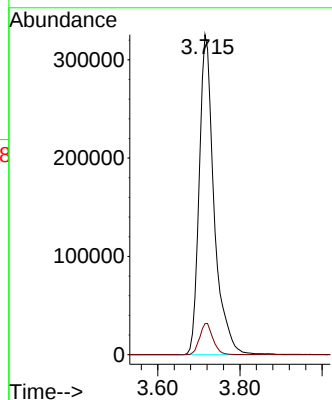
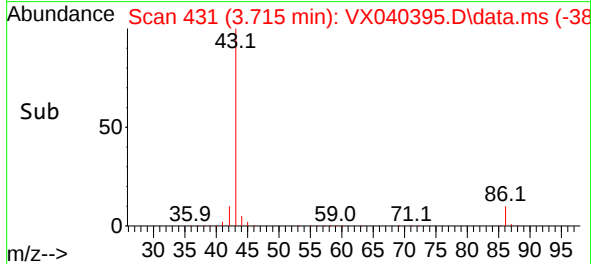
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 81889
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

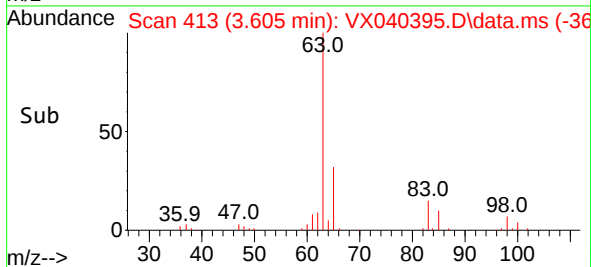
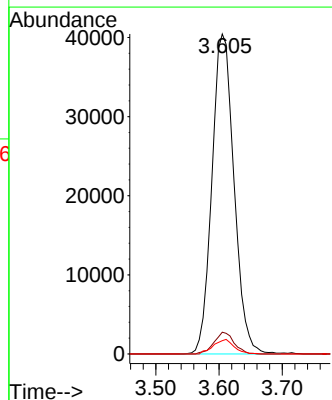
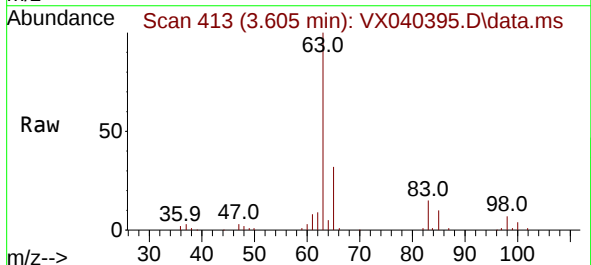
Manual Integrations
 APPROVED

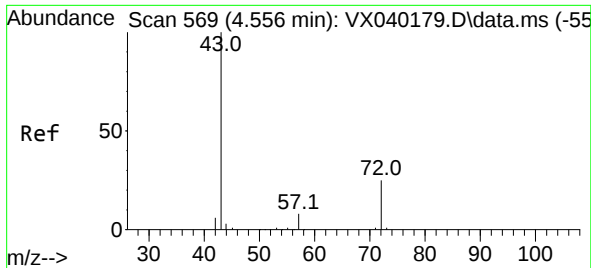
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#24
 1,1-Dichloroethane
 Concen: 58.787 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040395.D
 Acq: 22 Feb 2024 10:11

Tgt Ion: 63 Resp: 98101
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 4.1 2.1 6.5





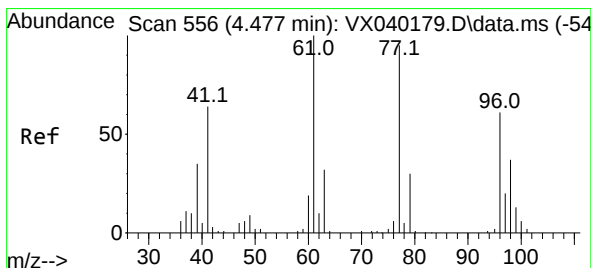
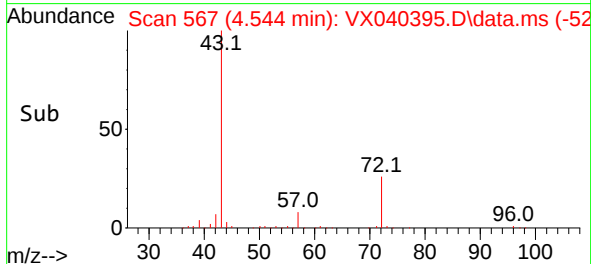
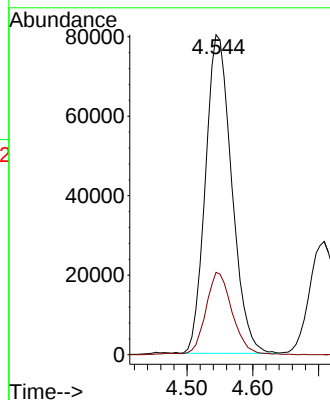
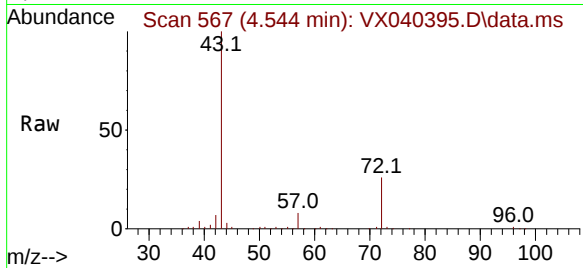
#25
2-Butanone
Concen: 292.073 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 22240
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2

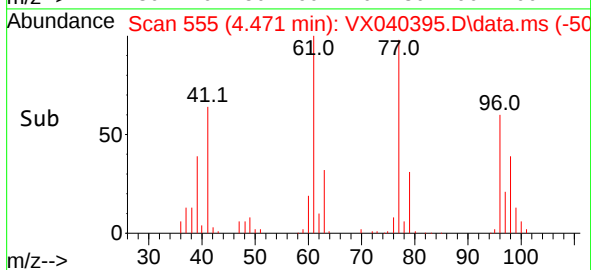
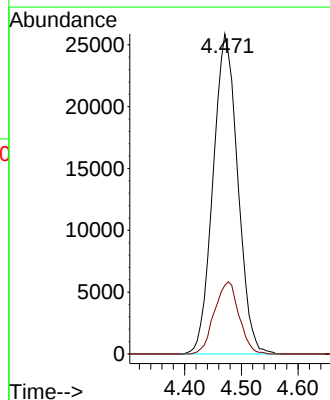
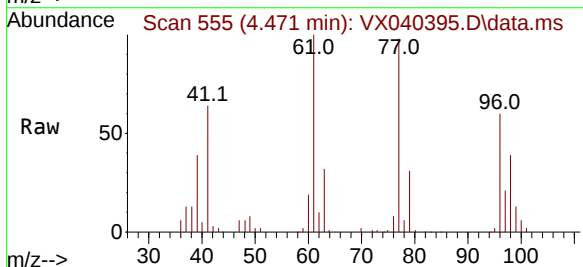
Manual Integrations
APPROVED

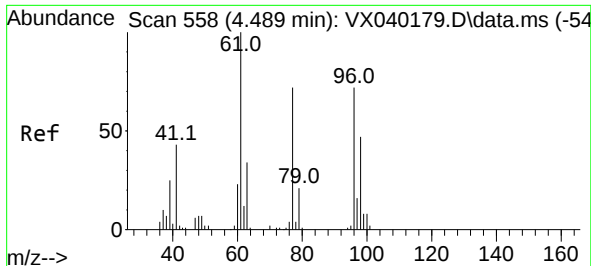
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#26
2,2-Dichloropropane
Concen: 61.001 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 77 Resp: 78361
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.452 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 56528

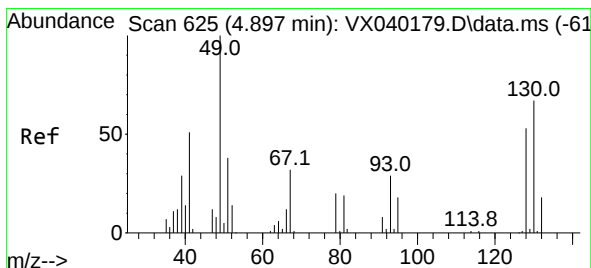
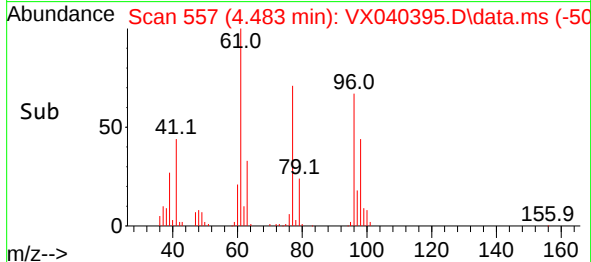
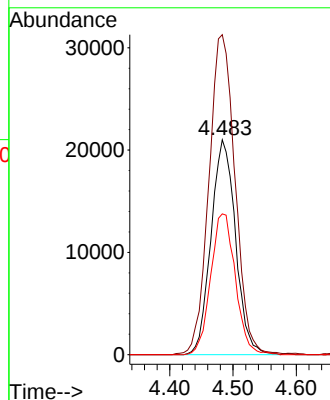
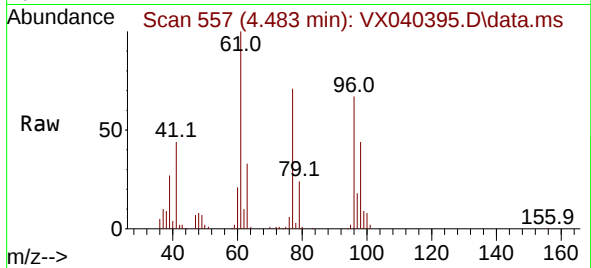
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	312.2
98	66.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#28

Bromochloromethane

Concen: 59.272 ug/l

RT: 4.891 min Scan# 624

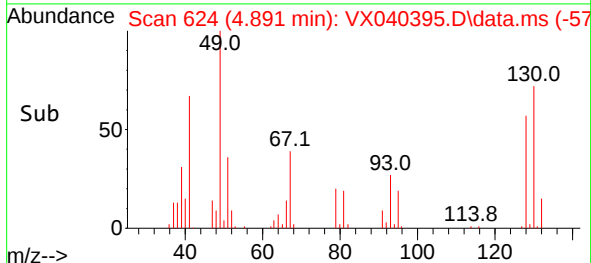
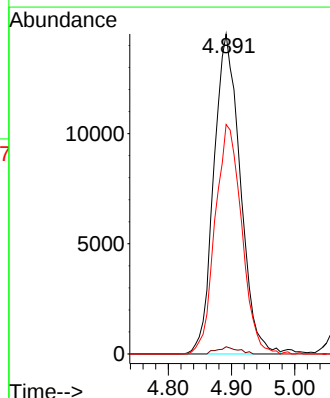
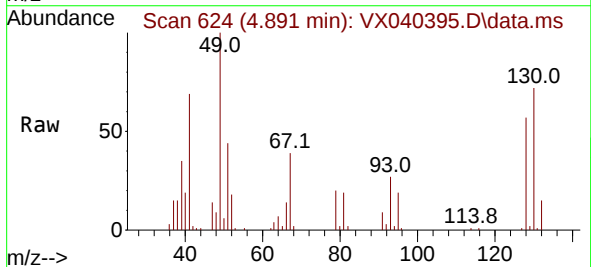
Delta R.T. -0.006 min

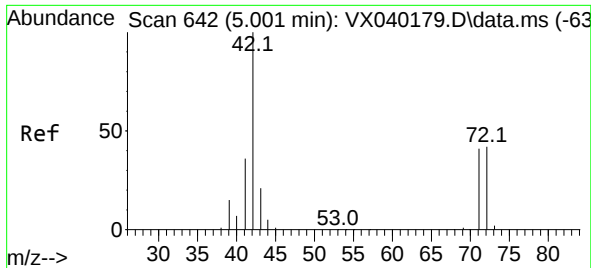
Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Tgt Ion: 49 Resp: 41994

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	72.2	57.5	86.3





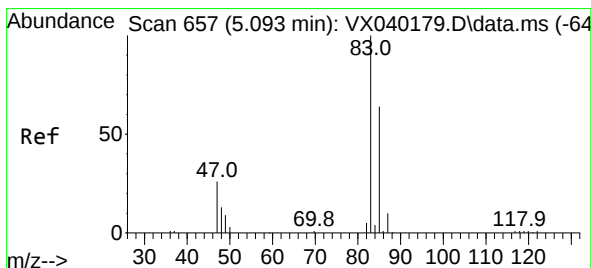
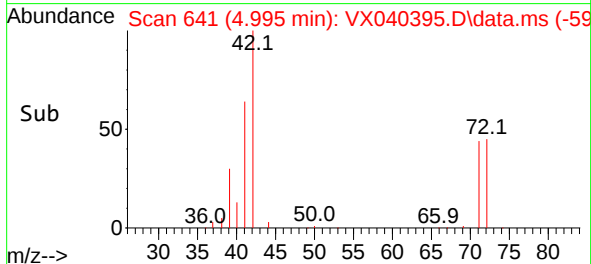
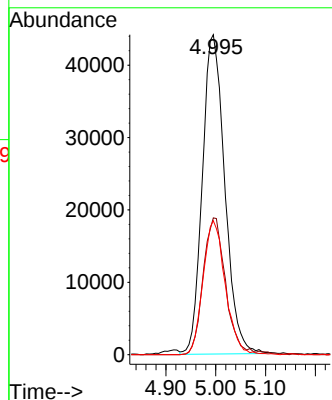
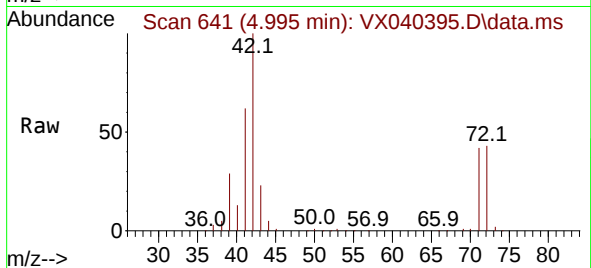
#29
Tetrahydrofuran
Concen: 278.514 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.012 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 13816
Ion Ratio Lower Upper
42 100
72 42.6 34.2 51.4
71 41.5 32.2 48.2

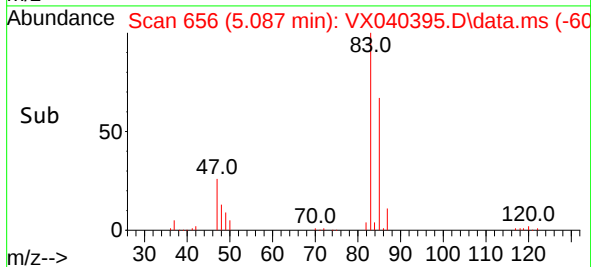
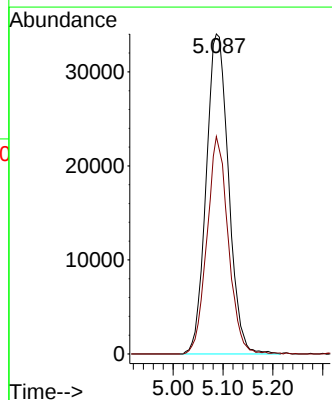
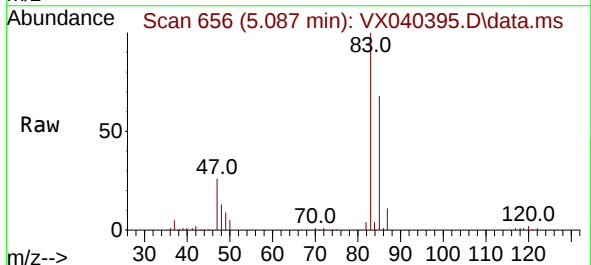
Manual Integrations
APPROVED

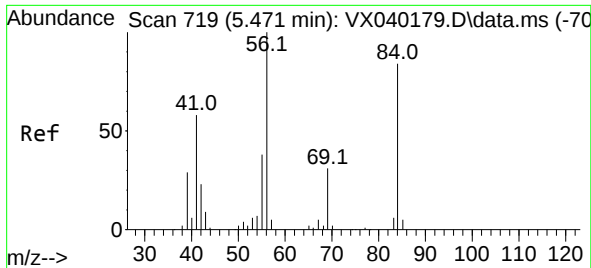
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#30
Chloroform
Concen: 58.819 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.012 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

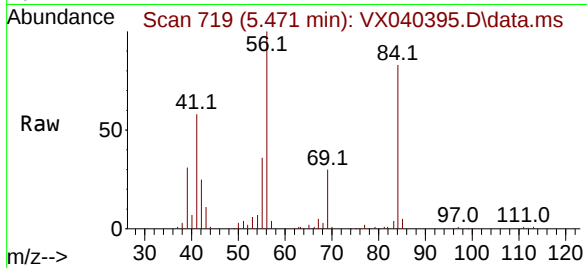
Tgt Ion: 83 Resp: 106122
Ion Ratio Lower Upper
83 100
85 67.9 50.3 75.5





#31
Cyclohexane
Concen: 50.329 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

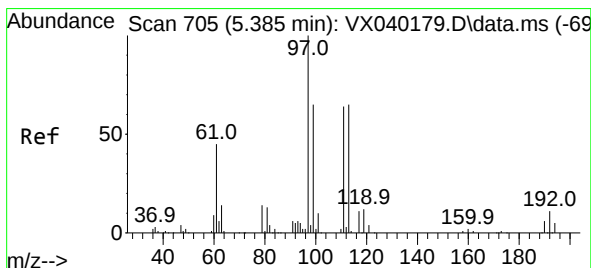
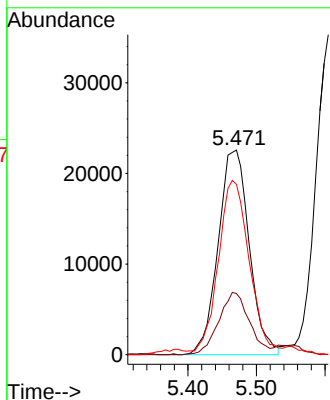
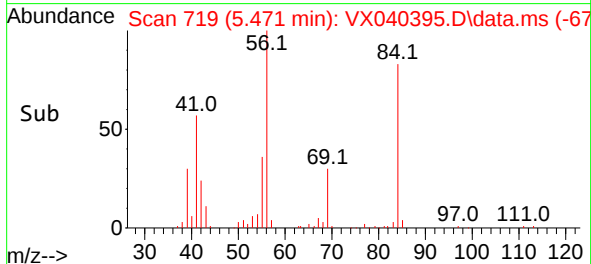
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 7120
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 80.7 65.9 98.9

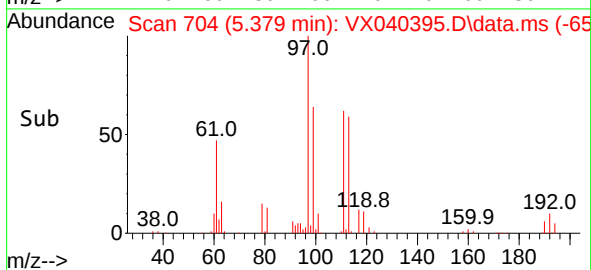
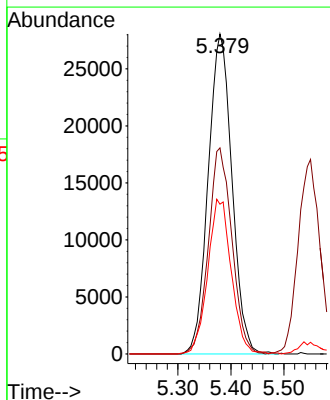
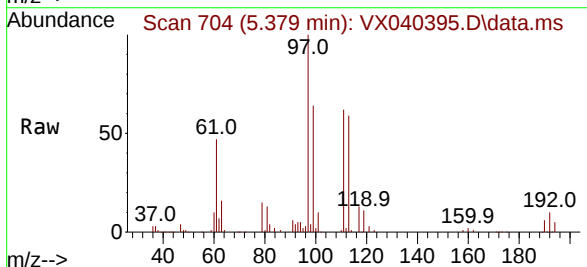
Manual Integrations
APPROVED

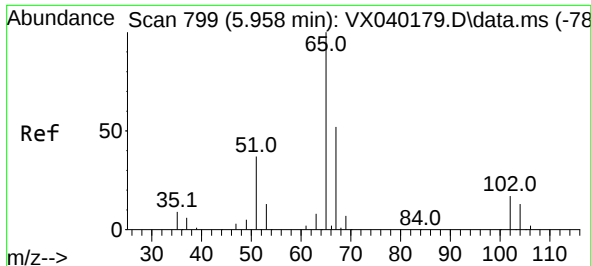
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#32
1,1,1-Trichloroethane
Concen: 57.620 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 97 Resp: 87457
Ion Ratio Lower Upper
97 100
99 63.6 51.1 76.7
61 47.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 55.910 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 66314

Ion Ratio Lower Upper

65 100

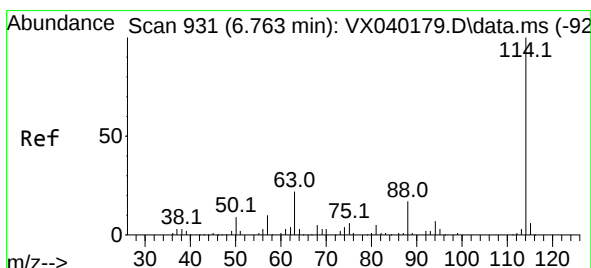
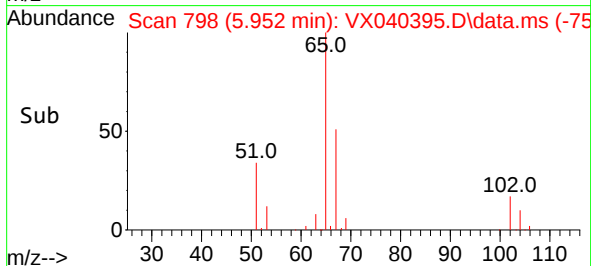
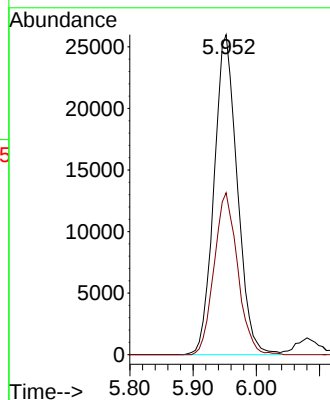
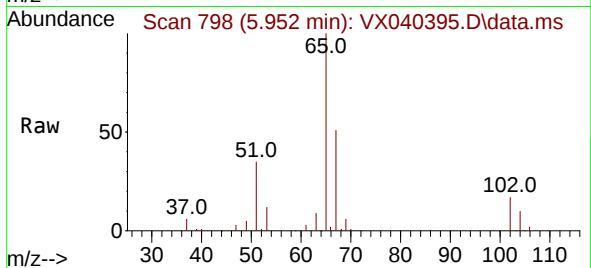
67 51.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

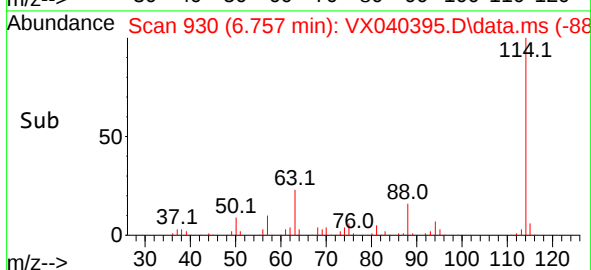
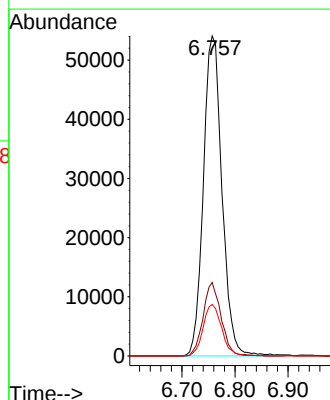
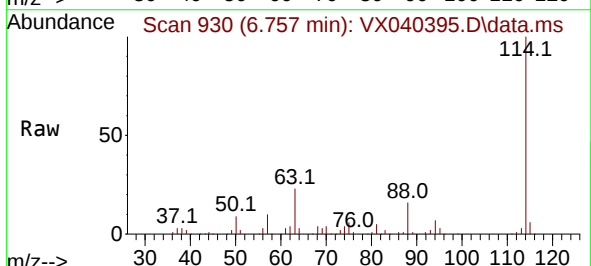
Tgt Ion:114 Resp: 132059

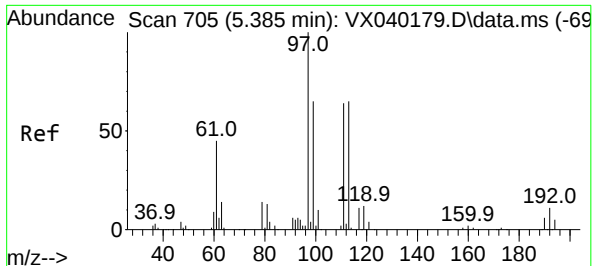
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 54.193 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 49978

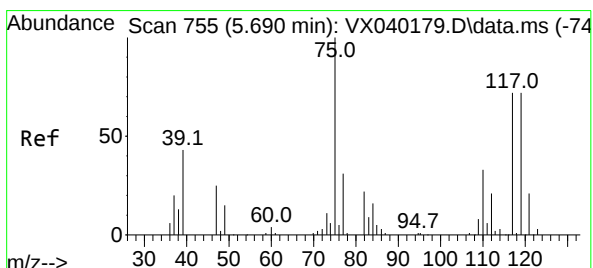
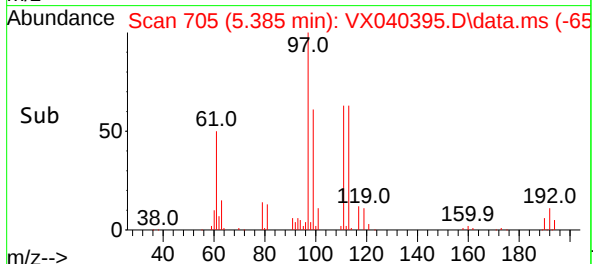
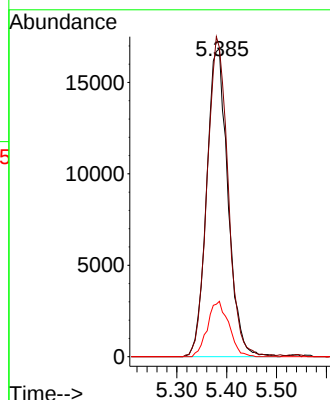
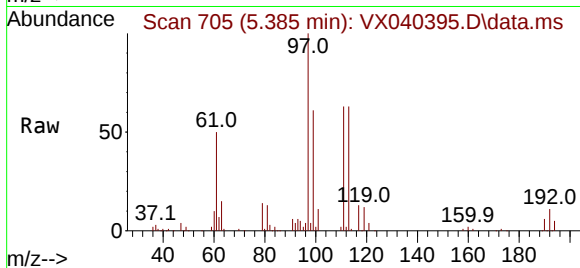
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	18.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#36

1,1-Dichloropropene

Concen: 55.287 ug/l

RT: 5.690 min Scan# 755

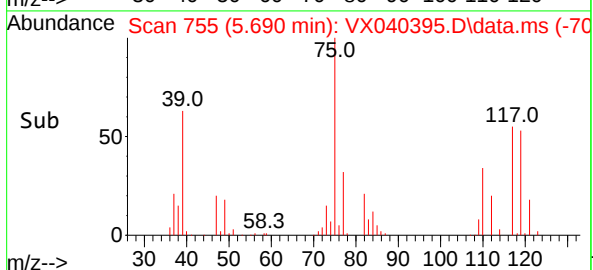
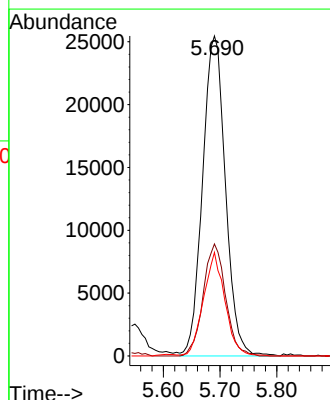
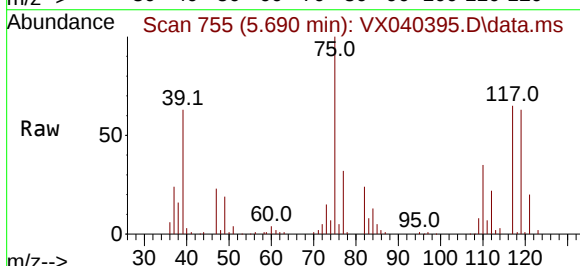
Delta R.T. -0.006 min

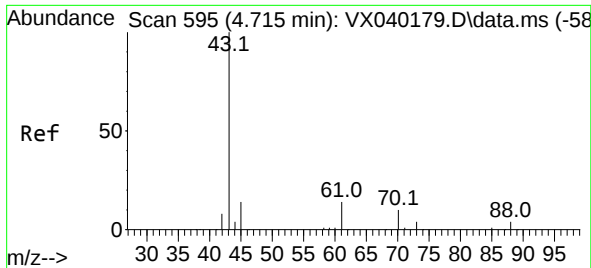
Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Tgt Ion: 75 Resp: 71424

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.0	50.9
77	30.3	24.7	37.1





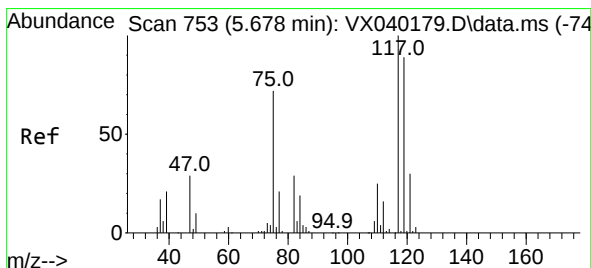
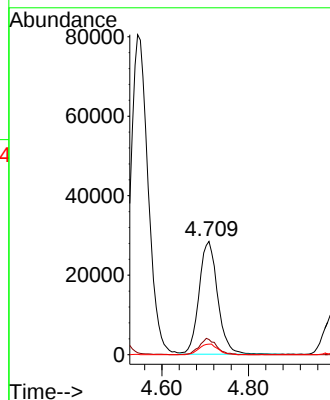
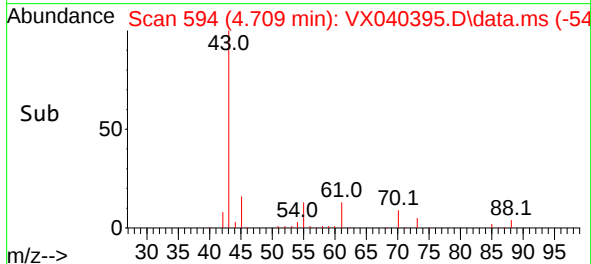
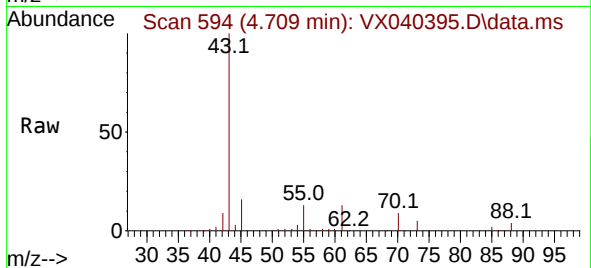
#37
Ethyl Acetate
Concen: 58.803 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 84528
Ion Ratio Lower Upper
43 100
61 13.5 10.6 16.0
70 9.5 8.3 12.5

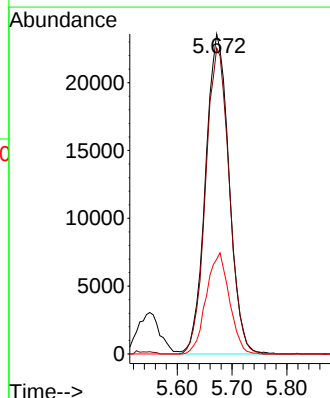
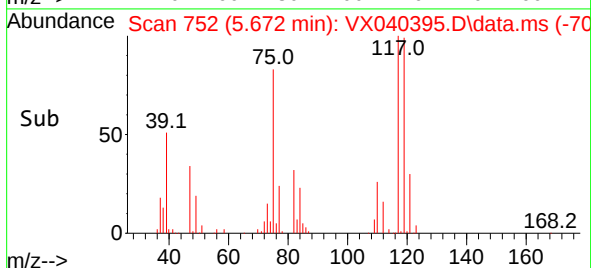
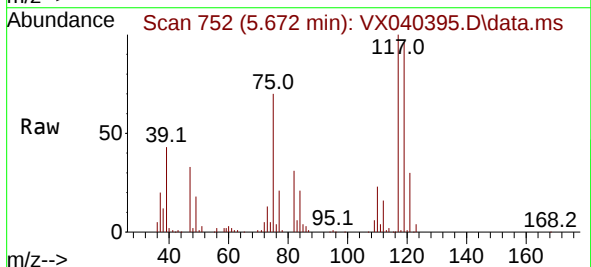
Manual Integrations
APPROVED

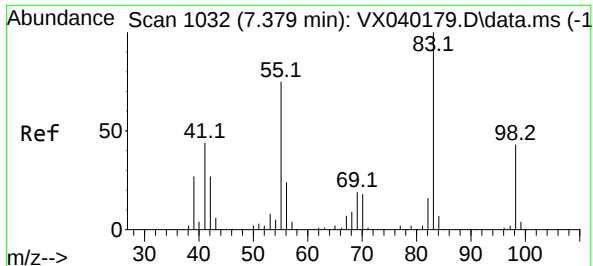
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#38
Carbon Tetrachloride
Concen: 57.289 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

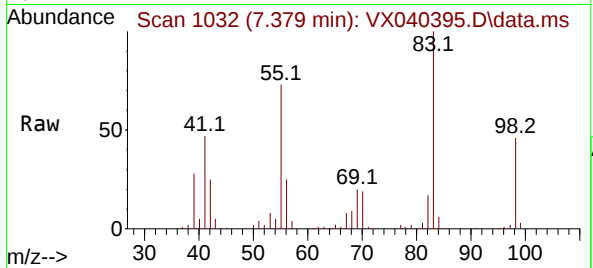
Tgt Ion:117 Resp: 70370
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.2
121 29.6 24.4 36.6





#39
Methylcyclohexane
Concen: 51.528 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

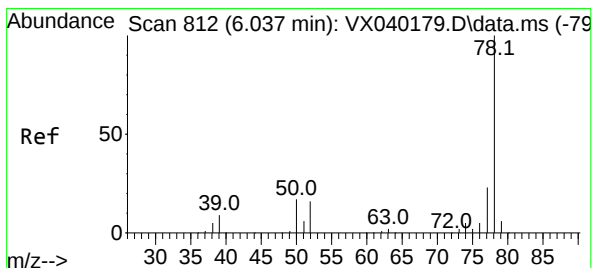
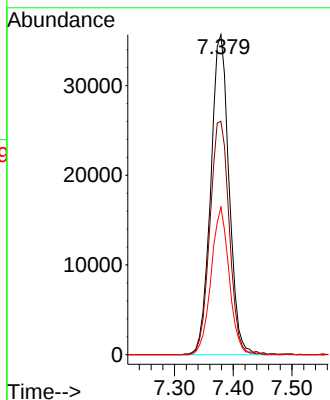
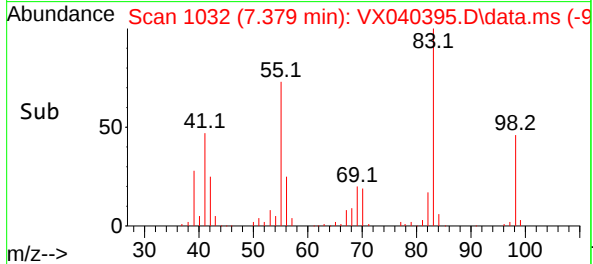
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



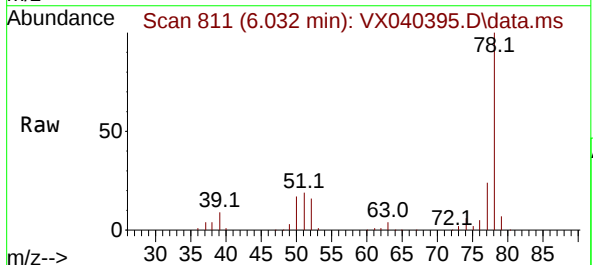
Tgt Ion: 83 Resp: 7736
Ion Ratio Lower Upper
83 100
55 72.9 64.6 97.0
98 46.1 36.7 55.1

Manual Integrations
APPROVED

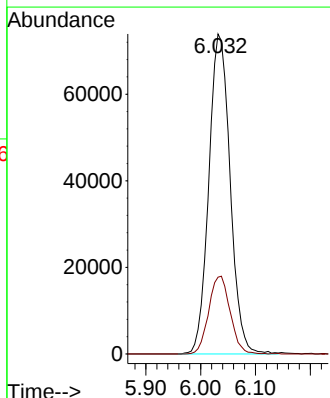
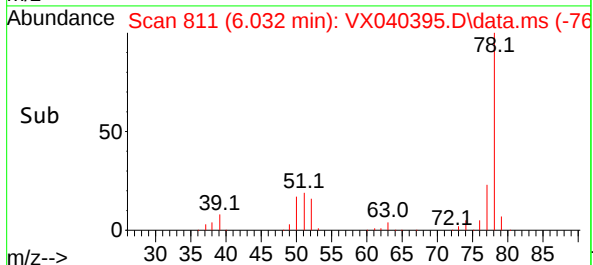
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

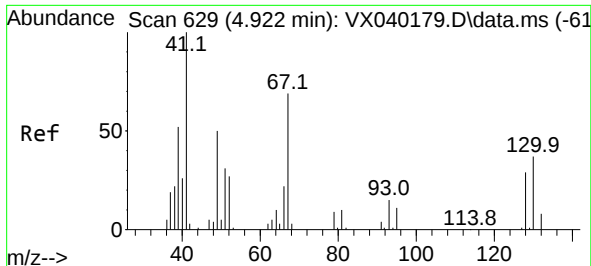


#40
Benzene
Concen: 55.207 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11



Tgt Ion: 78 Resp: 199447
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 63.941 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

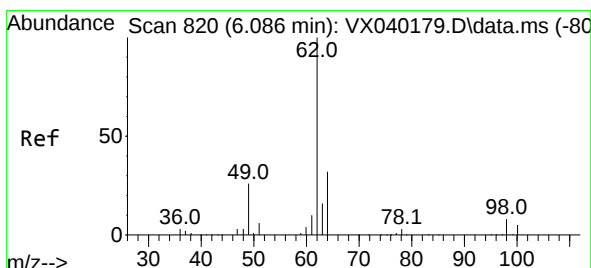
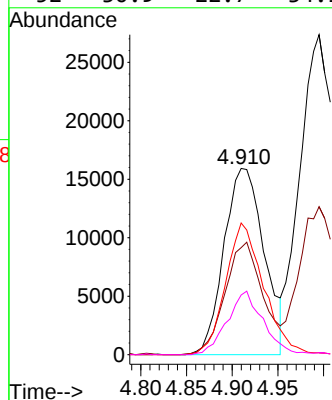
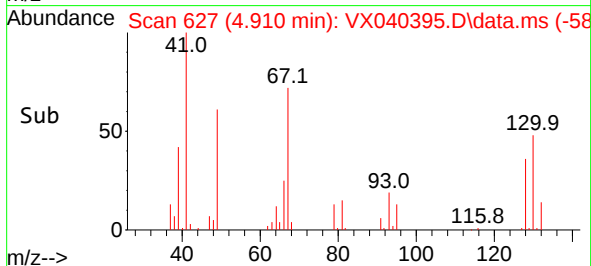
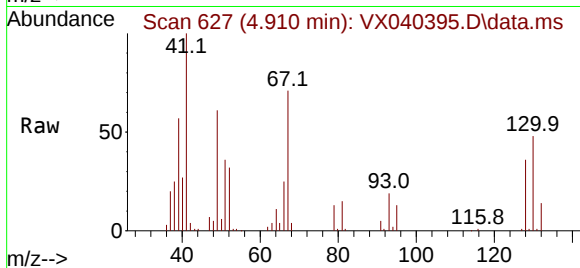
Tgt Ion: 41 Resp: 48720
Ion Ratio Lower Upper
41 100
39 56.8 45.2 67.8
67 67.1 52.6 78.8
52 30.9 22.7 34.1

Manual Integrations

APPROVED

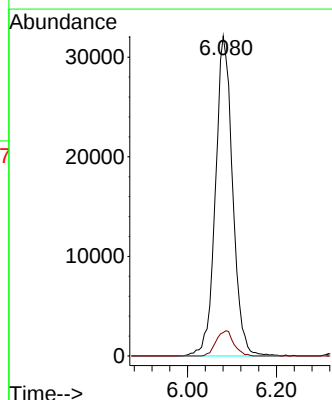
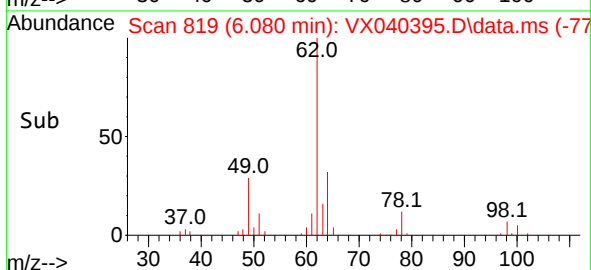
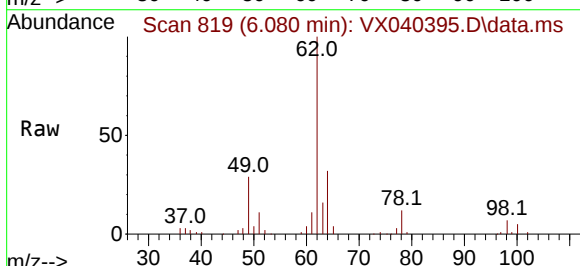
Reviewed By :John Carlone 02/23/2024

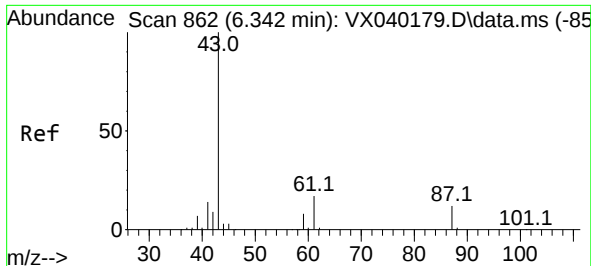
Supervised By :Mahesh Dadoda 02/23/2024



#42
1,2-Dichloroethane
Concen: 60.872 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

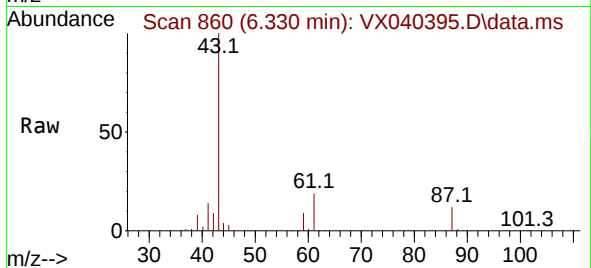
Tgt Ion: 62 Resp: 85957
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 61.553 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

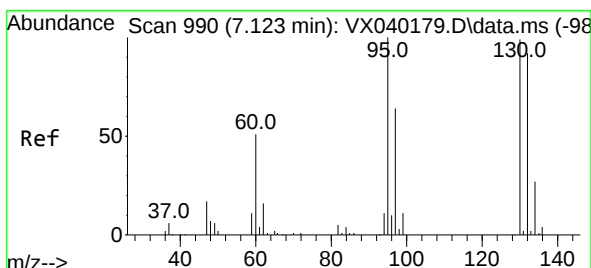
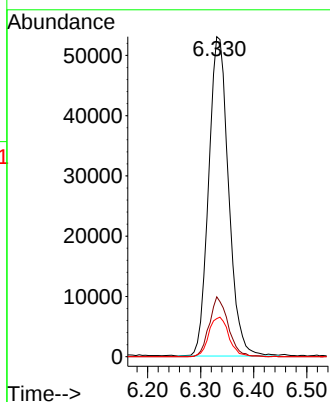
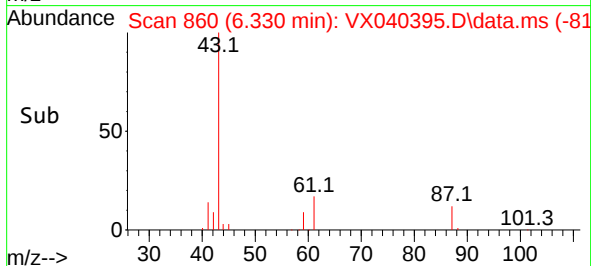
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 13812
Ion Ratio Lower Upper
43 100
61 17.7 15.2 22.8
87 12.5 9.8 14.6

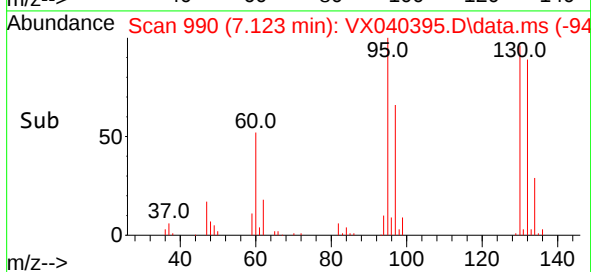
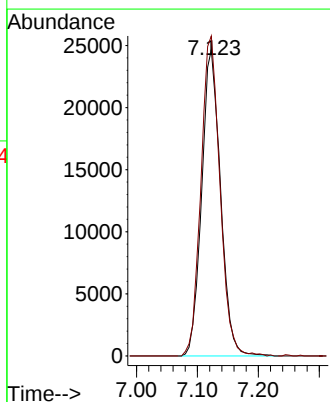
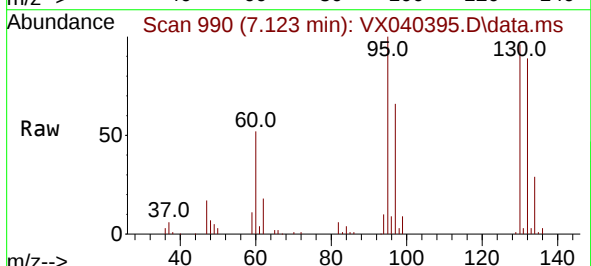
Manual Integrations
APPROVED

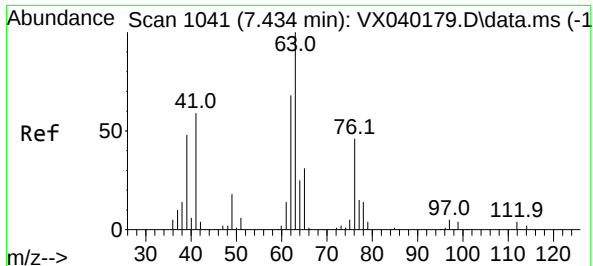
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#44
Trichloroethene
Concen: 53.274 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion:130 Resp: 53089
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 61.074 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 57429

Ion Ratio Lower Upper

63 100

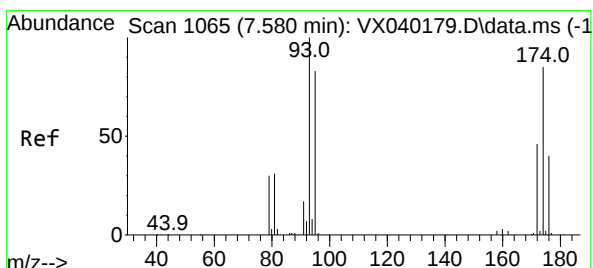
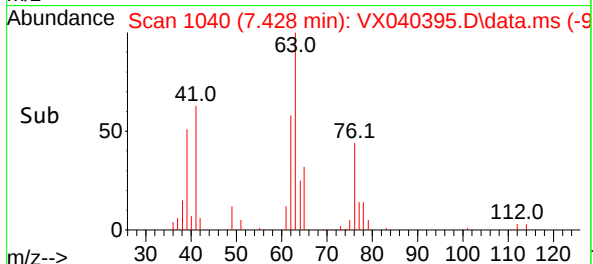
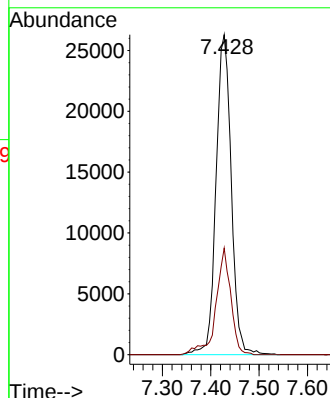
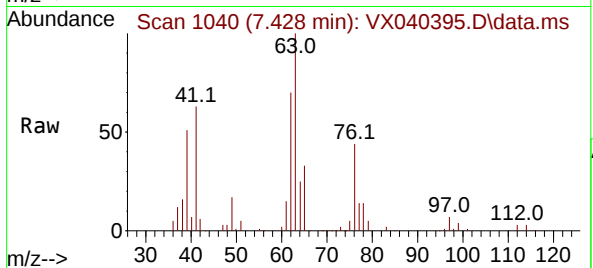
65 33.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#46

Dibromomethane

Concen: 58.582 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.012 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

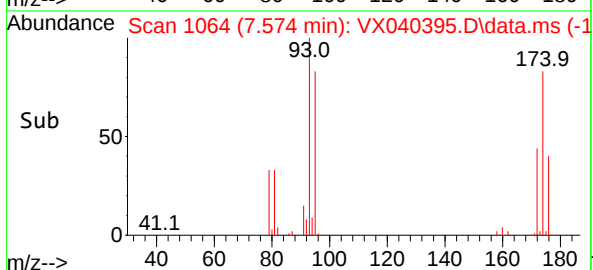
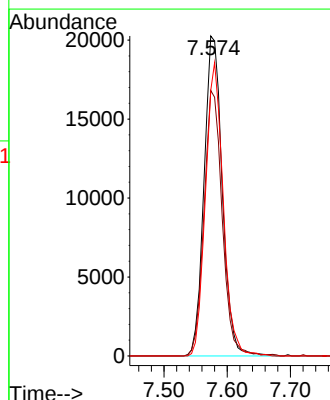
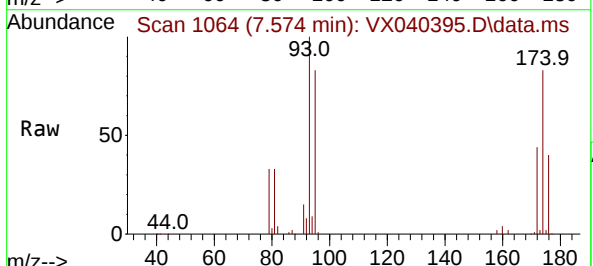
Tgt Ion: 93 Resp: 40570

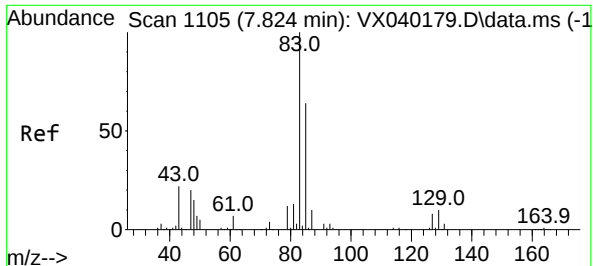
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 89.1 69.4 104.0





#47
Bromodichloromethane
Concen: 62.093 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

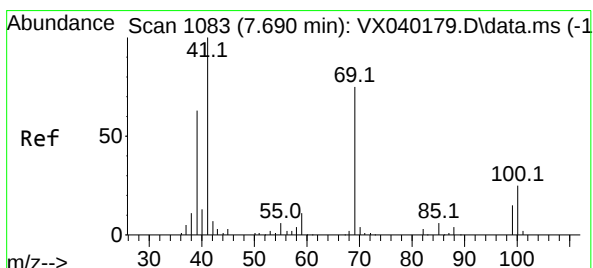
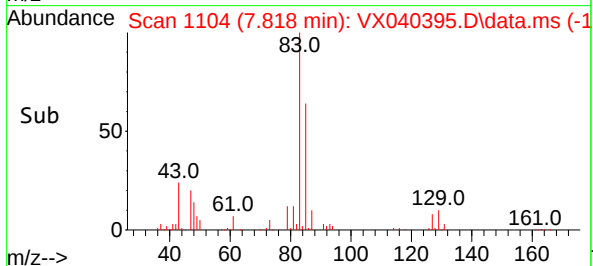
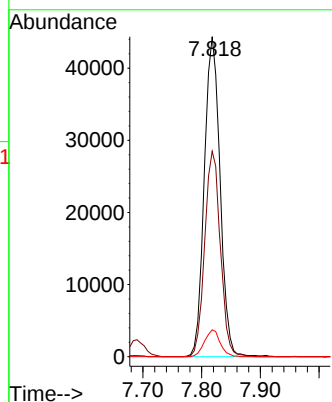
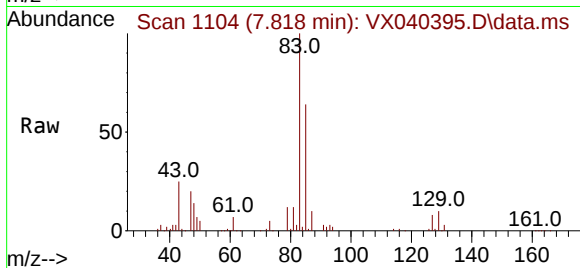
Tgt Ion: 83 Resp: 8285
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.4 7.1 10.7

Manual Integrations

APPROVED

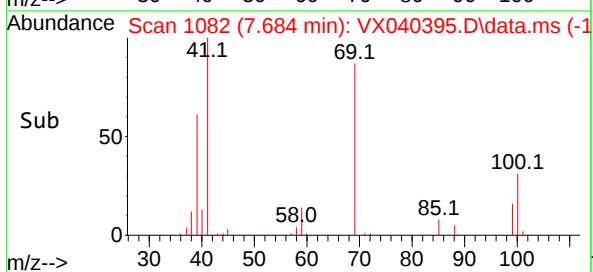
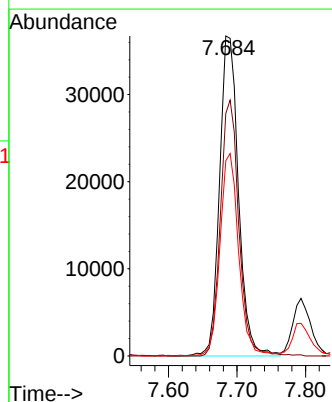
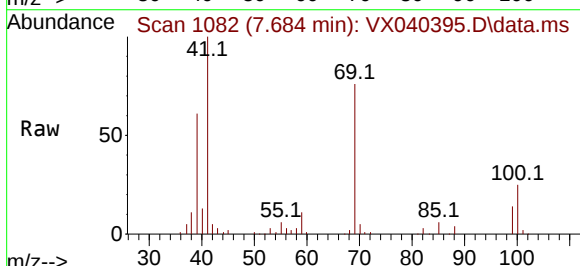
Reviewed By :John Carlone 02/23/2024

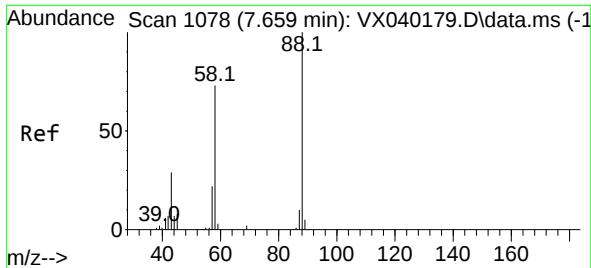
Supervised By :Mahesh Dadoda 02/23/2024



#48
Methyl methacrylate
Concen: 61.181 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.012 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 41 Resp: 70248
Ion Ratio Lower Upper
41 100
69 77.9 59.2 88.8
39 62.6 47.7 71.5





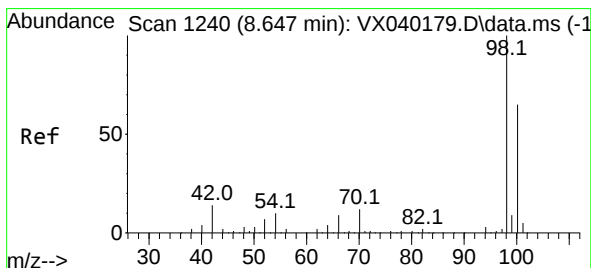
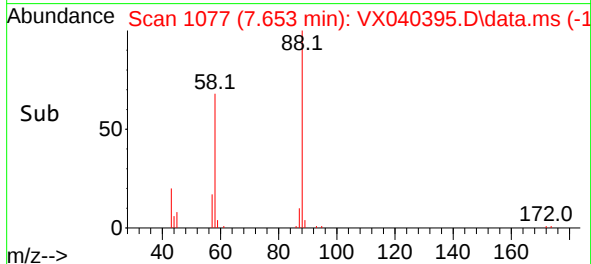
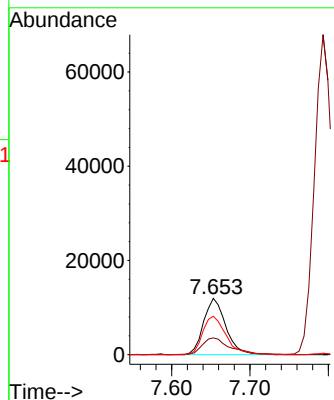
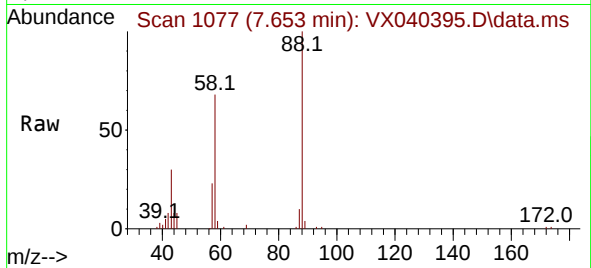
#49
1,4-Dioxane
Concen: 935.355 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 23364
Ion Ratio Lower Upper
88 100
43 38.5 0.0 0.0
58 71.9 60.1 90.1

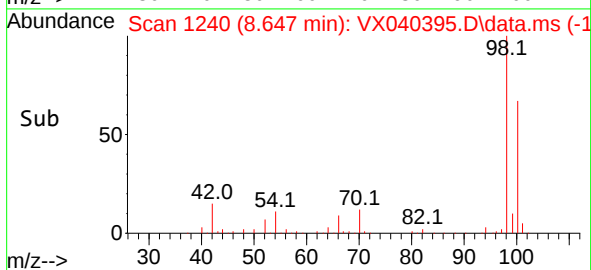
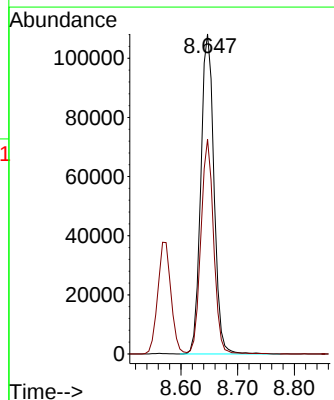
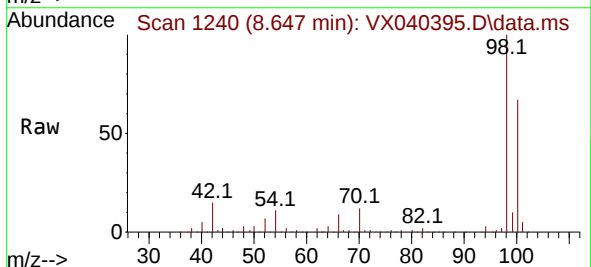
Manual Integrations
APPROVED

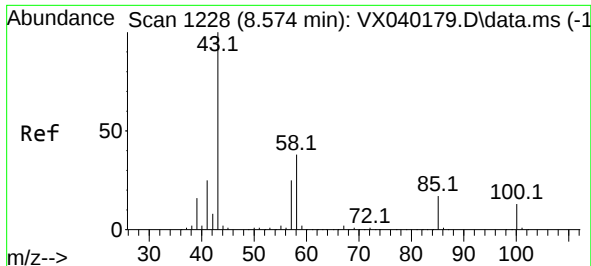
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#50
Toluene-d8
Concen: 50.623 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 98 Resp: 174639
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7





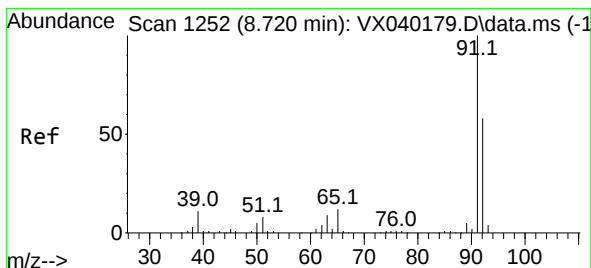
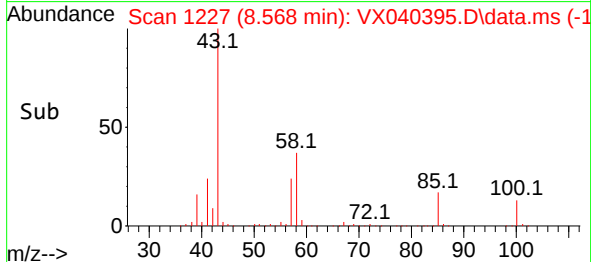
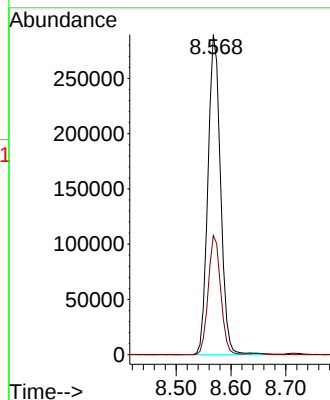
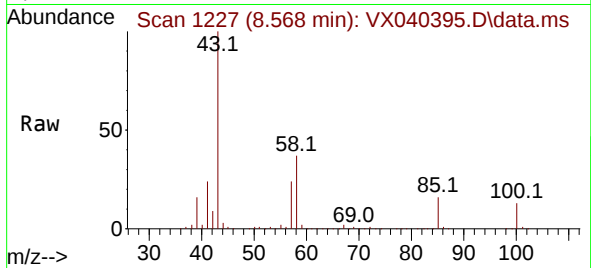
#51
4-Methyl-2-Pentanone
Concen: 301.344 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 46167
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

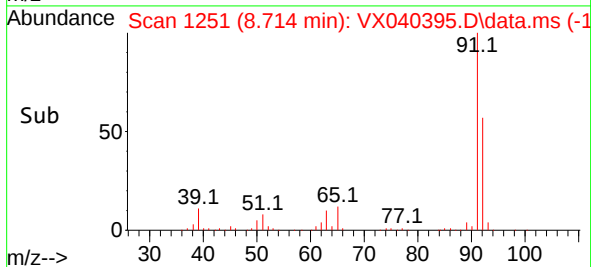
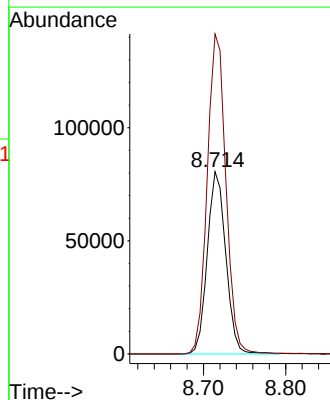
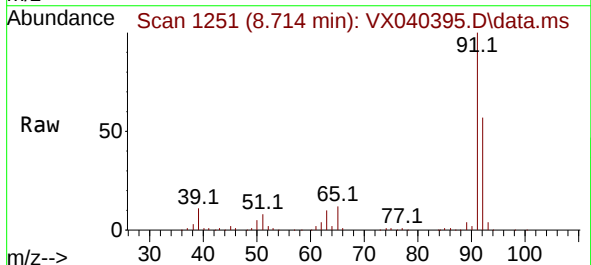
Manual Integrations
APPROVED

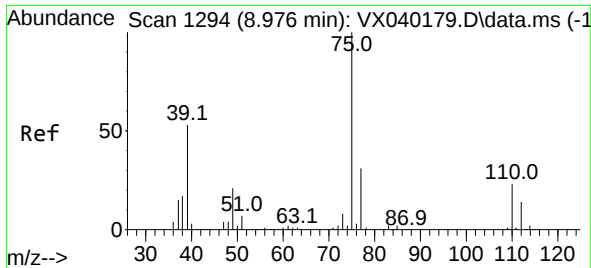
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#52
Toluene
Concen: 53.175 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 92 Resp: 125832
Ion Ratio Lower Upper
92 100
91 177.8 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 53.654 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX040395.D
 Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

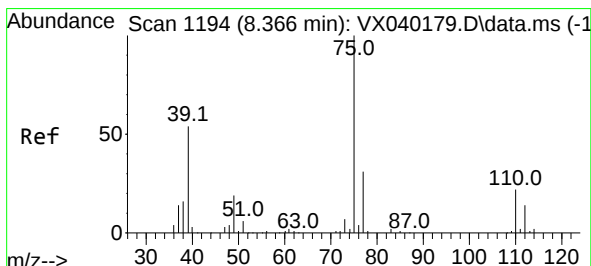
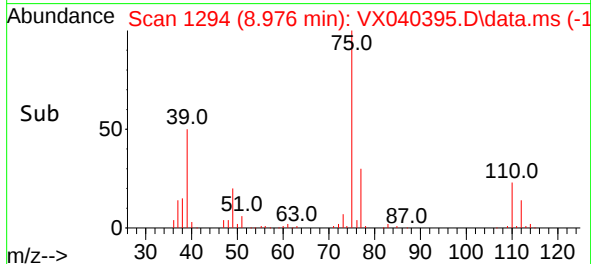
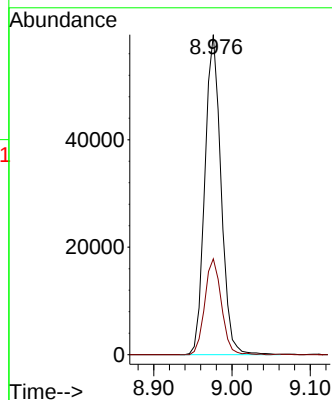
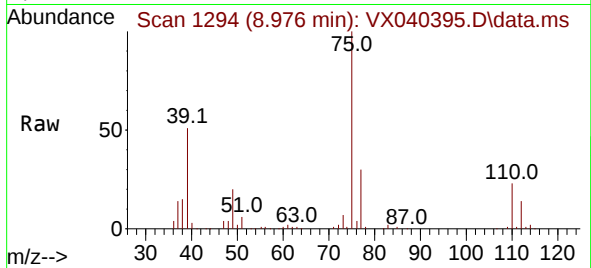
VSTDCCC050

Tgt Ion: 75 Resp: 85338
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.7 38.5

Manual Integrations

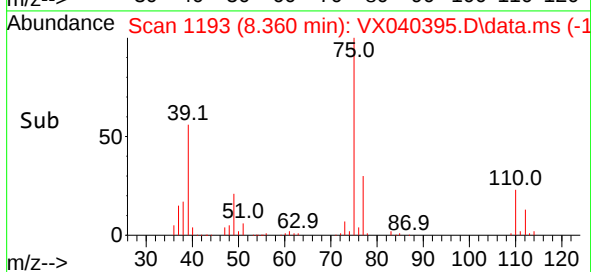
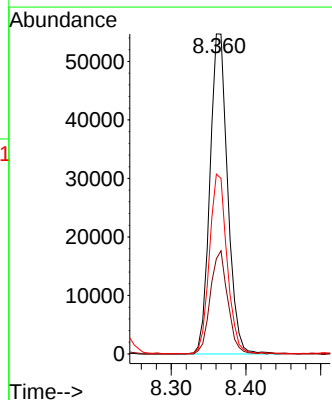
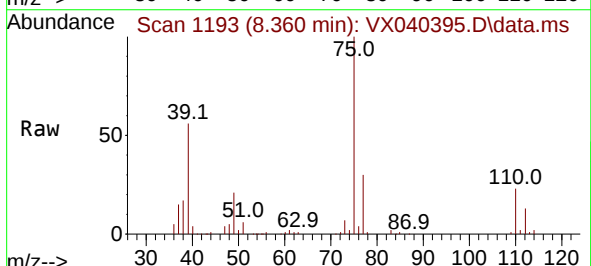
APPROVED

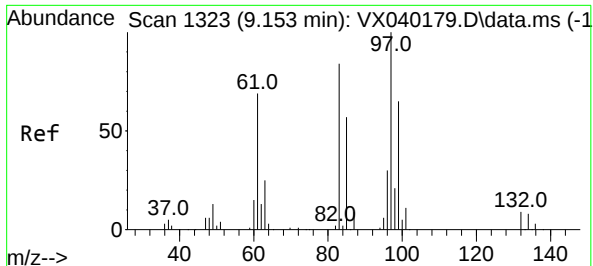
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024



#54
 cis-1,3-Dichloropropene
 Concen: 60.251 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX040395.D
 Acq: 22 Feb 2024 10:11

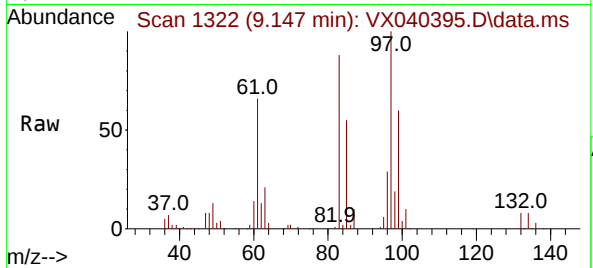
Tgt Ion: 75 Resp: 90105
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.3 37.9
 39 56.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 57.342 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

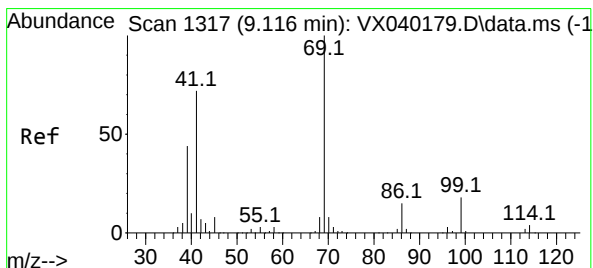
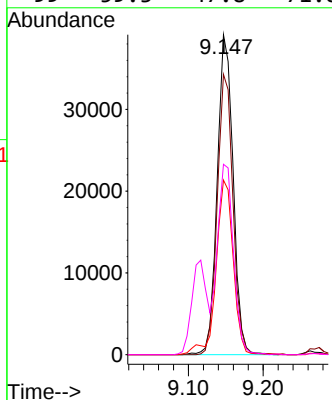
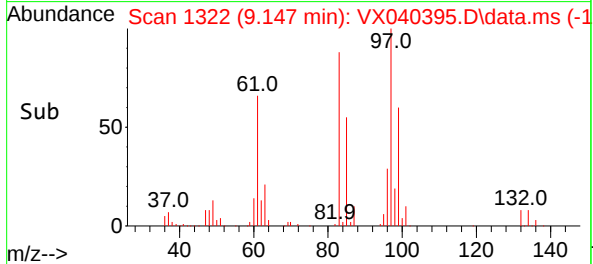


Tgt Ion: 97 Resp: 5787

Ion	Ratio	Lower	Upper
97	100		
83	87.6	65.8	98.8
85	54.6	41.6	62.4
99	59.3	47.8	71.8

Manual Integrations
APPROVED

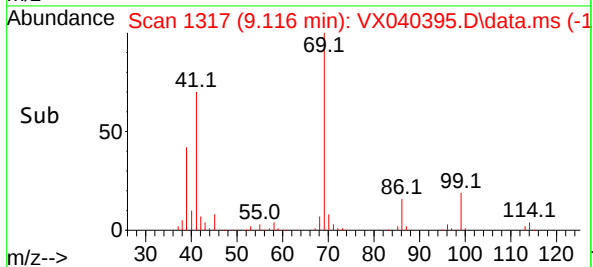
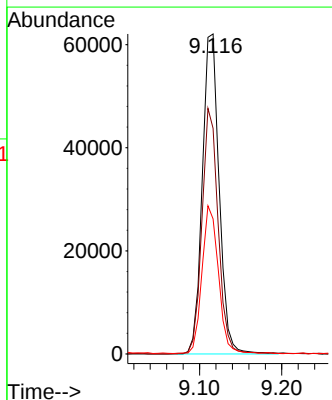
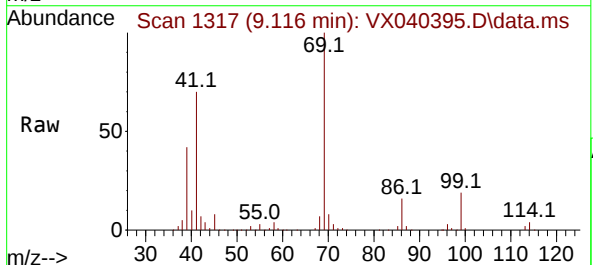
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

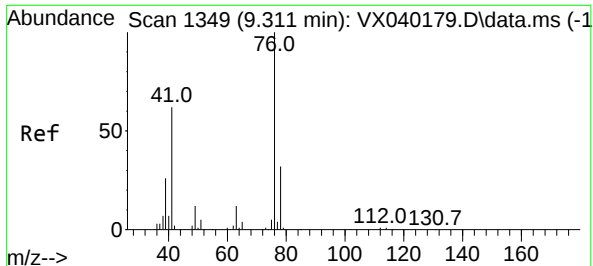


#56
Ethyl methacrylate
Concen: 58.586 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 69 Resp: 88521

Ion	Ratio	Lower	Upper
69	100		
41	73.8	56.8	85.2
39	44.8	32.0	48.0





#57
1,3-Dichloropropane
Concen: 57.421 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

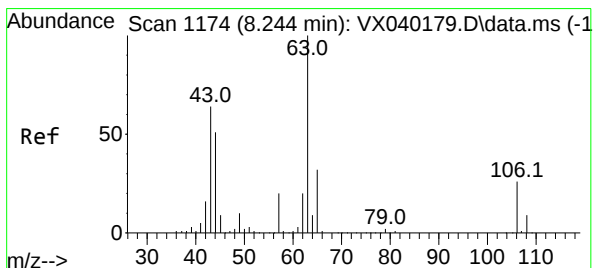
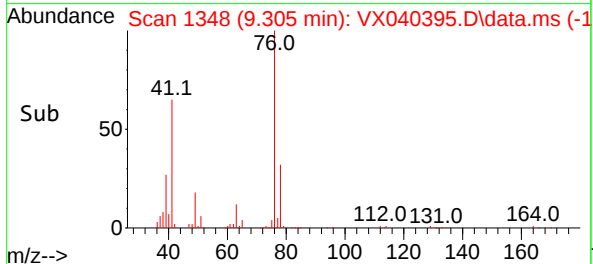
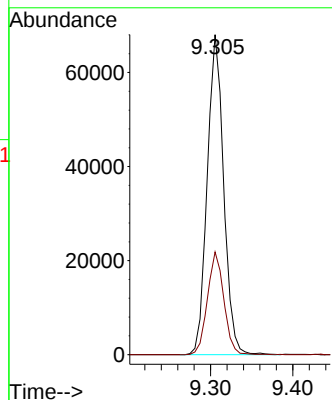
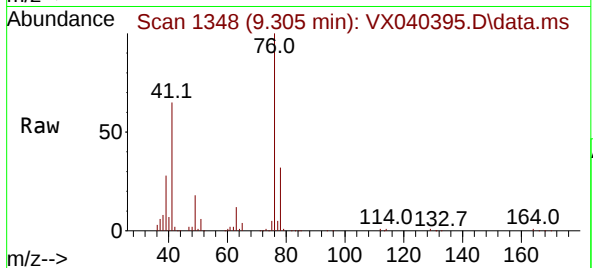
VSTDCCC050

Tgt Ion: 76 Resp: 94594
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

Manual Integrations

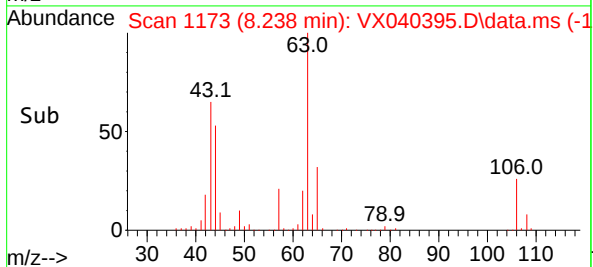
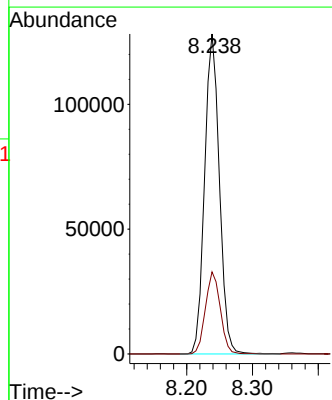
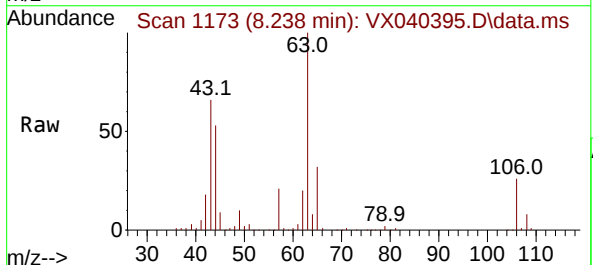
APPROVED

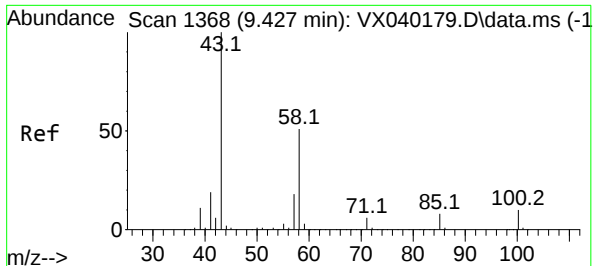
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#58
2-Chloroethyl Vinyl ether
Concen: 280.216 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

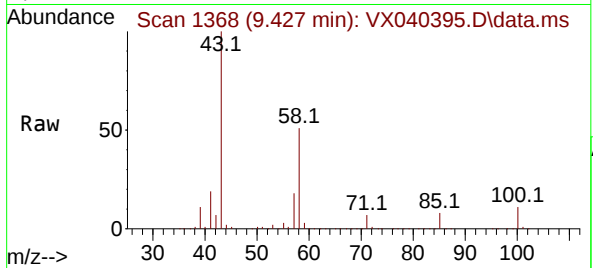
Tgt Ion: 63 Resp: 200289
Ion Ratio Lower Upper
63 100
106 25.8 22.5 33.7





#59
2-Hexanone
Concen: 301.092 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

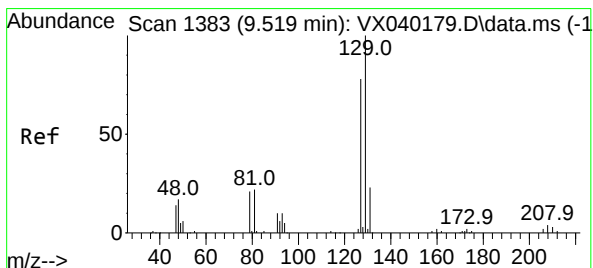
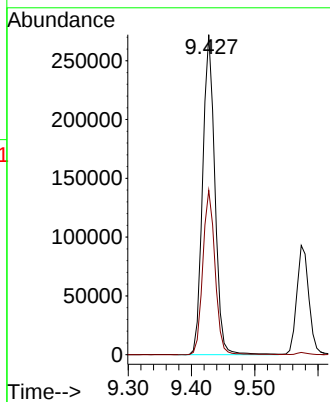
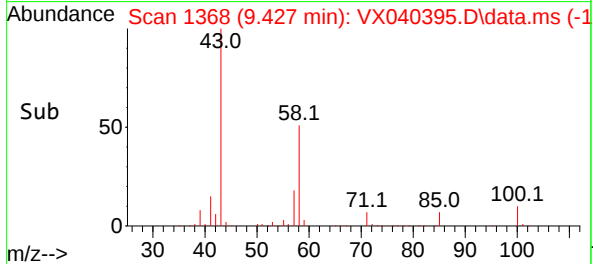
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 365734
Ion Ratio Lower Upper
43 100
58 51.6 26.2 78.5

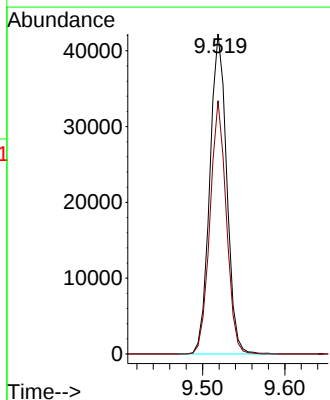
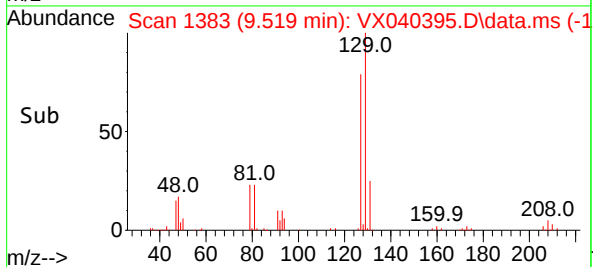
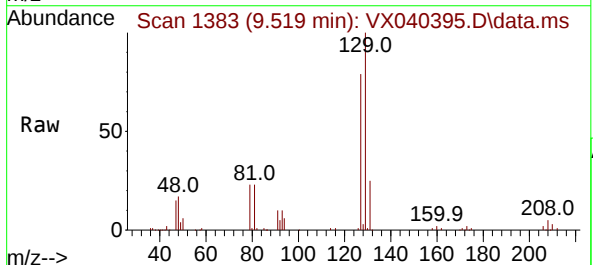
Manual Integrations
APPROVED

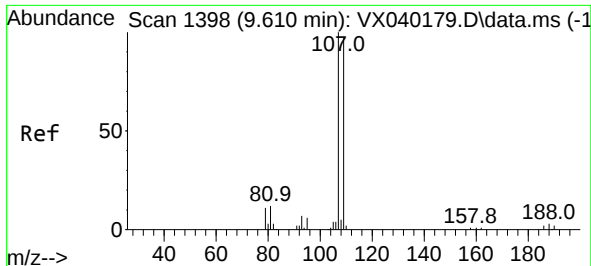
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#60
Dibromochloromethane
Concen: 58.564 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

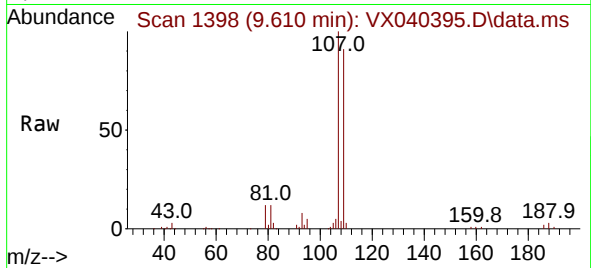
Tgt Ion:129 Resp: 60220
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.834 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

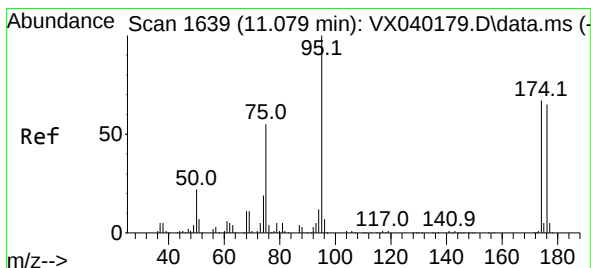
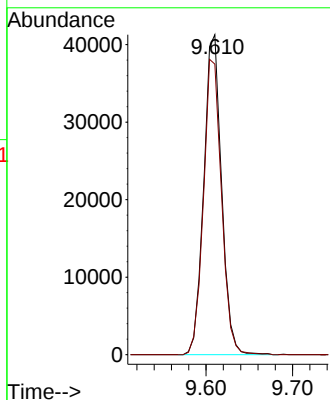
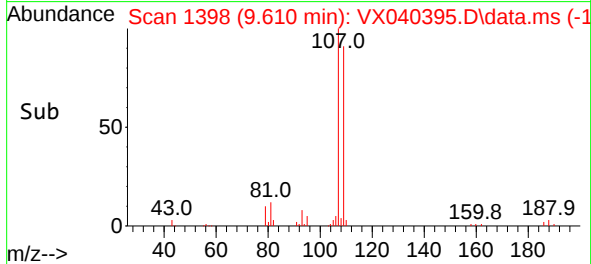
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



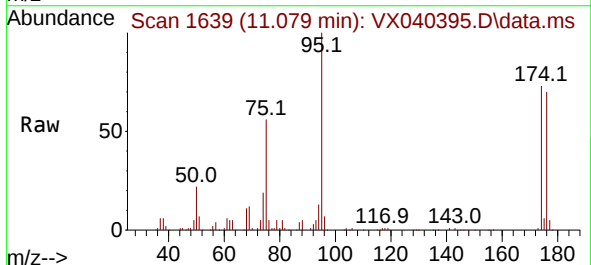
Tgt Ion:107 Resp: 5882
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8

Manual Integrations
APPROVED

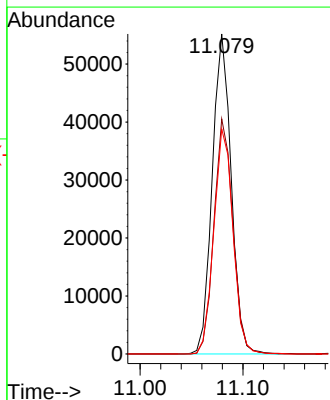
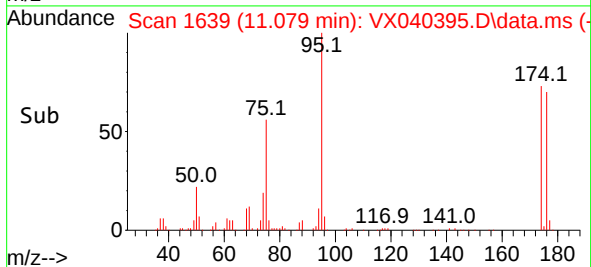
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

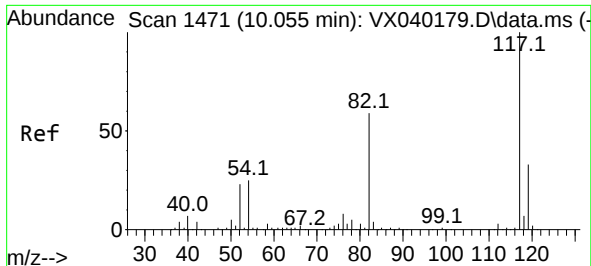


#62
4-Bromofluorobenzene
Concen: 50.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11



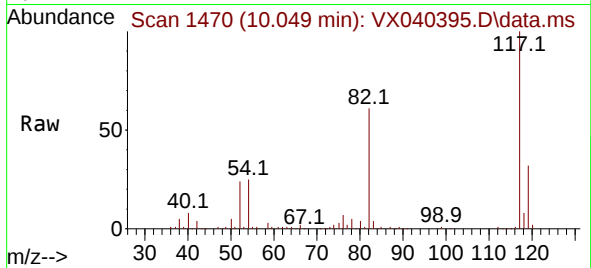
Tgt Ion: 95 Resp: 70640
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

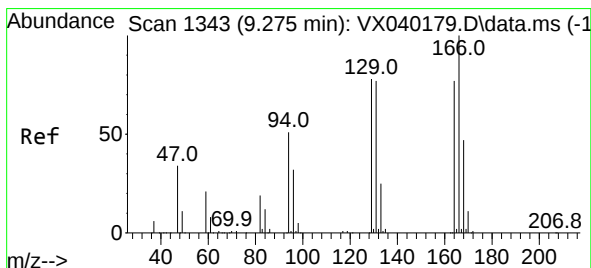
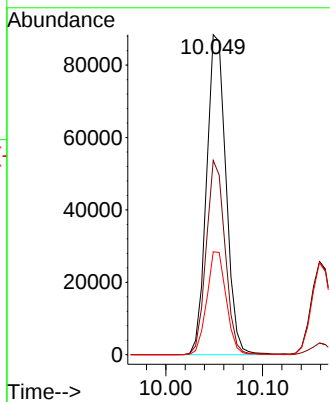
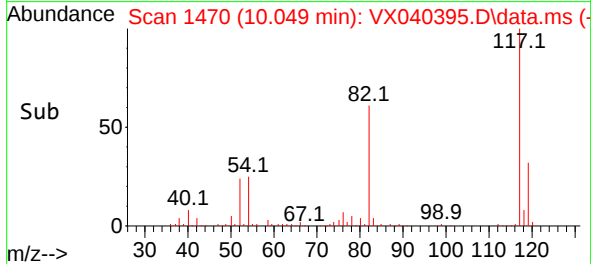
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 12372
Ion Ratio Lower Upper
117 100
82 60.7 46.2 69.4
119 32.1 25.5 38.3

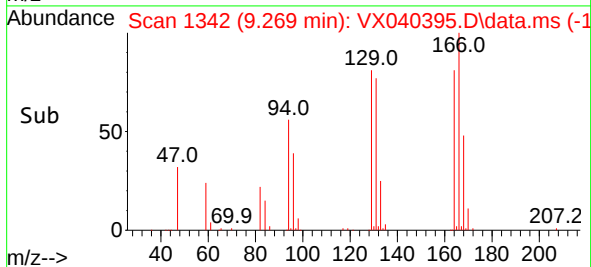
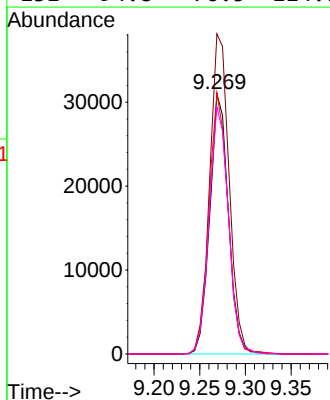
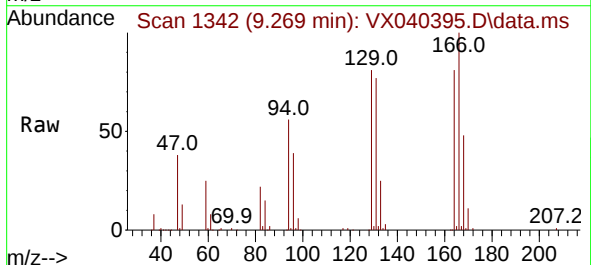
Manual Integrations
APPROVED

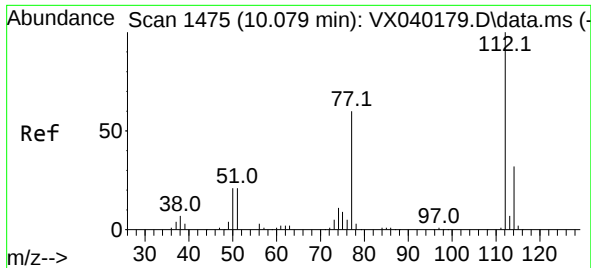
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#64
Tetrachloroethene
Concen: 50.556 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion:164 Resp: 43832
Ion Ratio Lower Upper
164 100
166 122.9 102.7 154.1
129 100.1 80.4 120.6
131 94.8 76.5 114.7





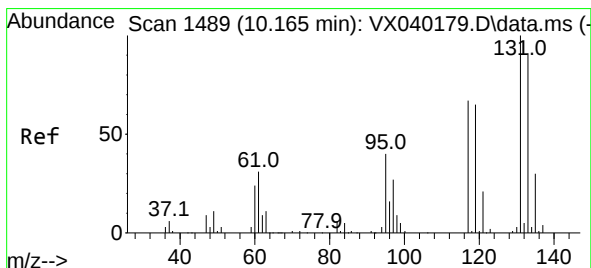
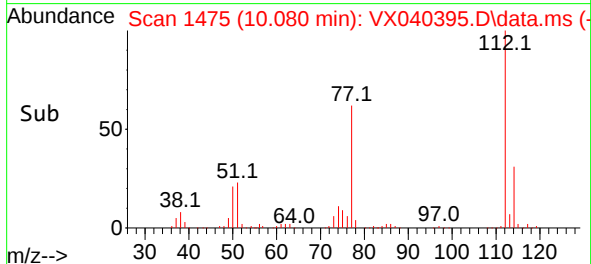
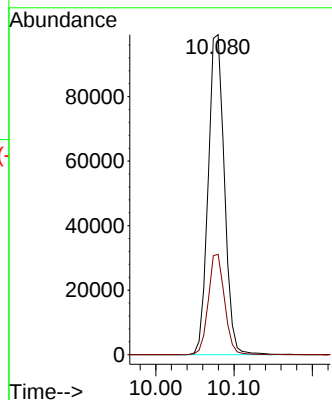
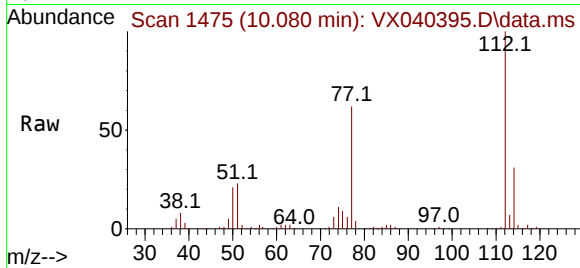
#65
Chlorobenzene
Concen: 55.103 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 14228
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

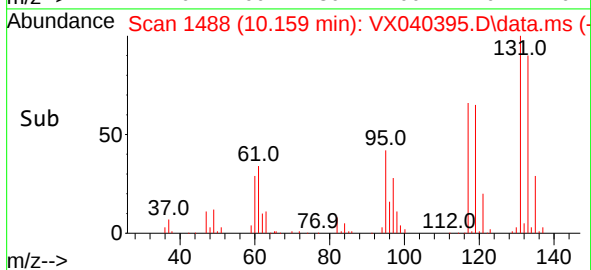
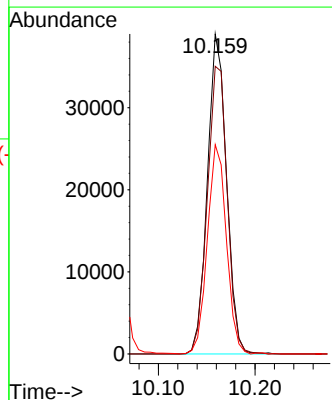
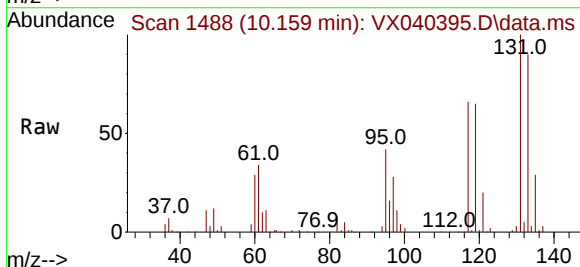
Manual Integrations
APPROVED

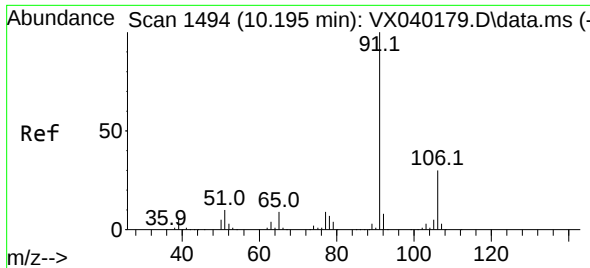
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 59.943 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion:131 Resp: 53606
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.4
119 65.3 32.2 96.6





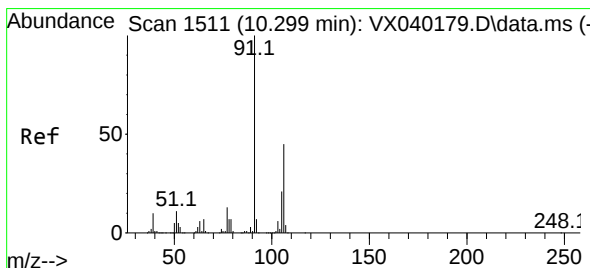
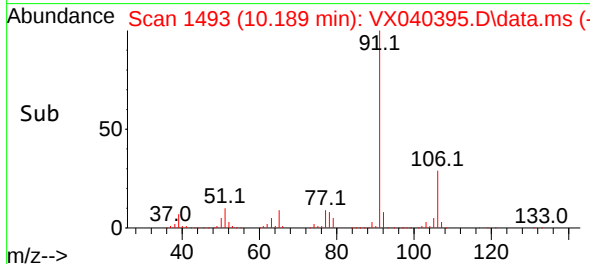
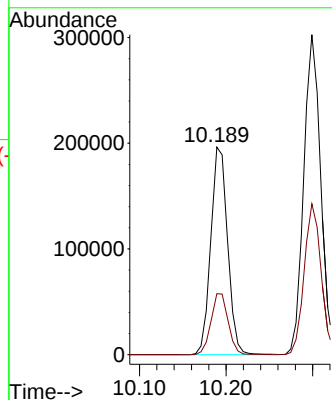
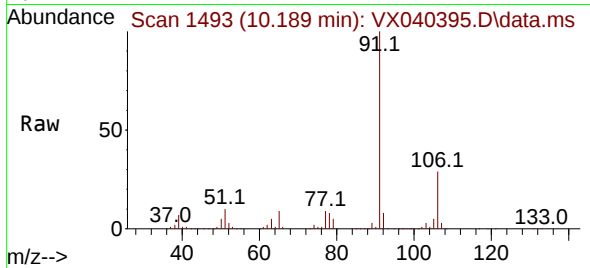
#67
Ethyl Benzene
Concen: 57.583 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 264810
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

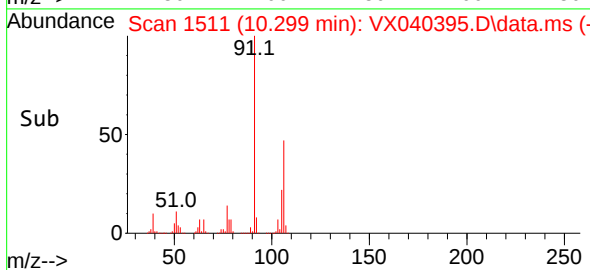
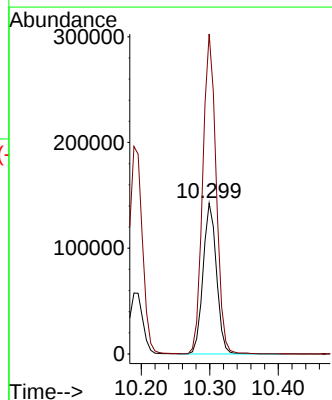
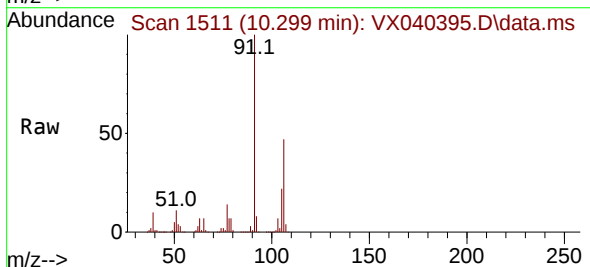
Manual Integrations
APPROVED

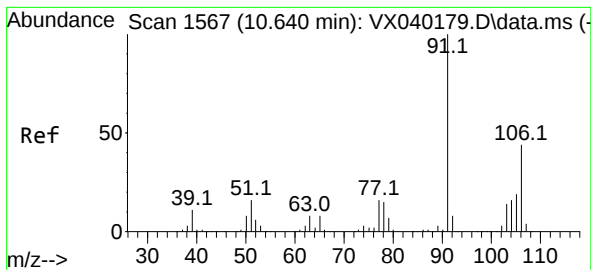
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#68
m/p-Xylenes
Concen: 112.162 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion:106 Resp: 194806
Ion Ratio Lower Upper
106 100
91 212.2 165.5 248.3





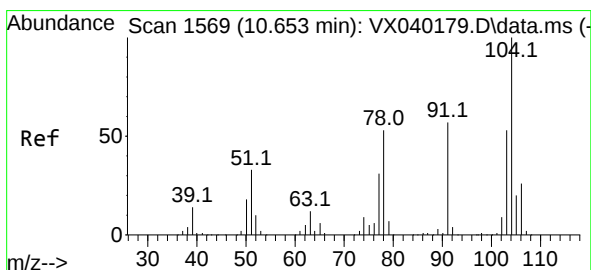
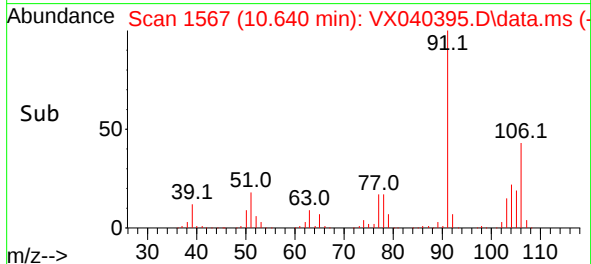
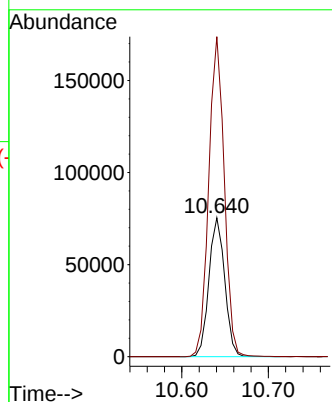
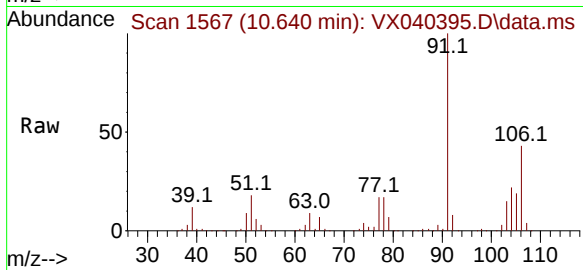
#69
o-Xylene
Concen: 56.653 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 95618
Ion Ratio Lower Upper
106 100
91 225.9 108.9 326.8

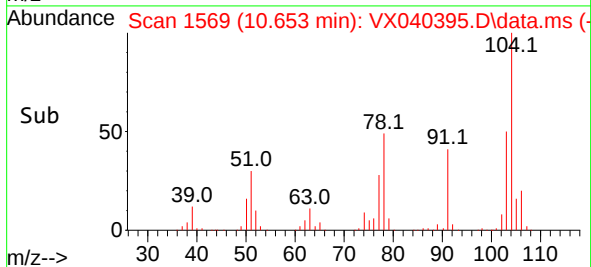
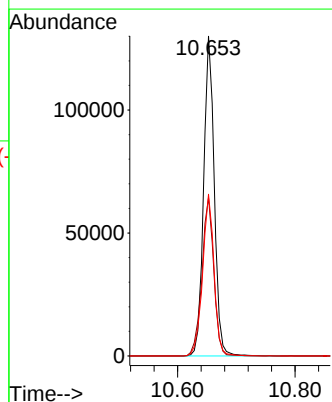
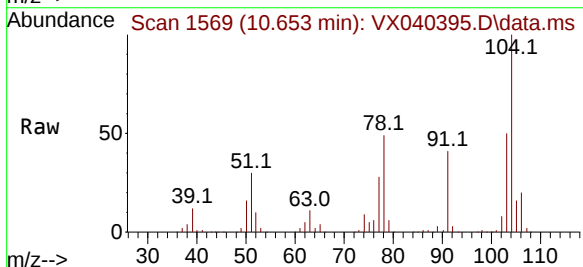
Manual Integrations
APPROVED

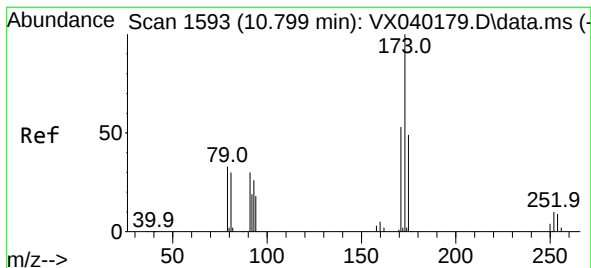
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#70
Styrene
Concen: 58.348 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

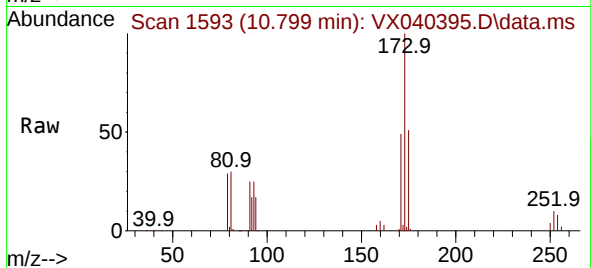
Tgt Ion:104 Resp: 163729
Ion Ratio Lower Upper
104 100
78 55.4 43.6 65.4
103 54.4 43.6 65.4





#71
Bromoform
Concen: 52.620 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

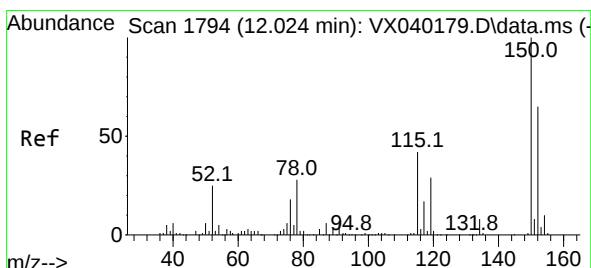
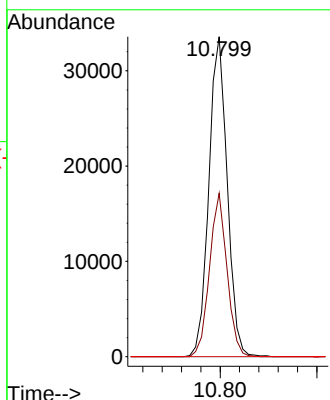
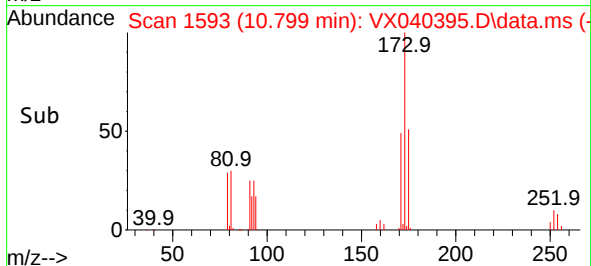
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



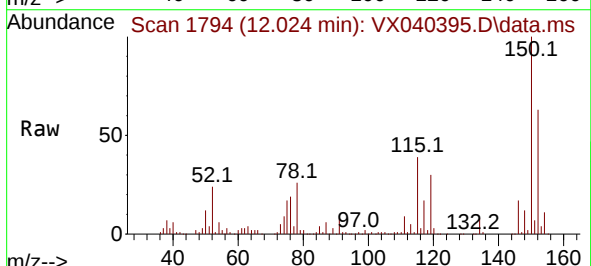
Tgt Ion:173 Resp: 44272
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

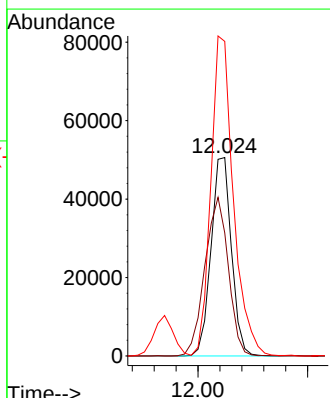
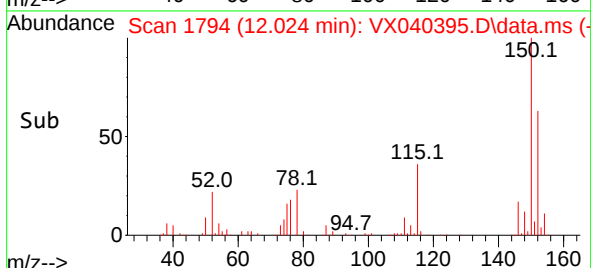
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

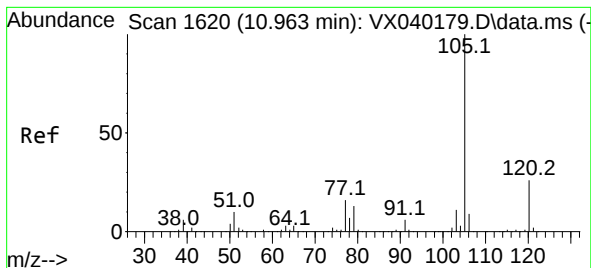


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11



Tgt Ion:152 Resp: 65348
Ion Ratio Lower Upper
152 100
115 92.0 43.3 129.9
150 178.2 0.0 345.0





#73

Isopropylbenzene

Concen: 57.213 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 26333

Ion Ratio Lower Upper

105 100

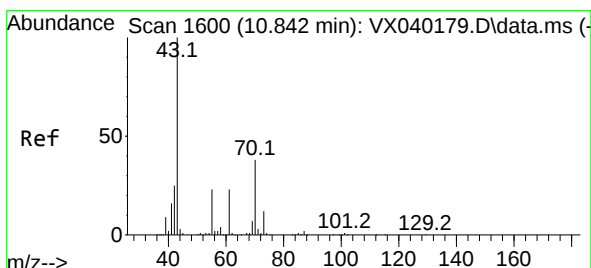
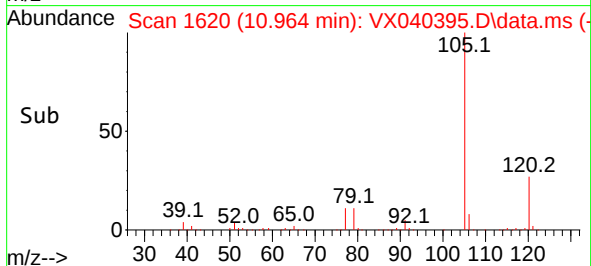
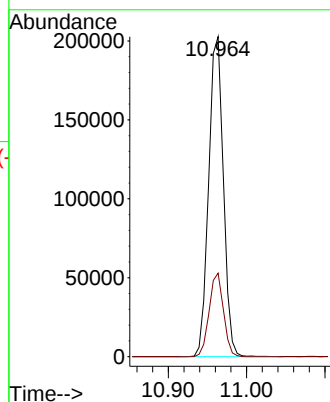
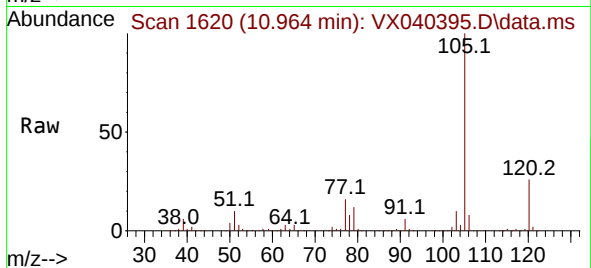
120 25.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#74

N-ethyl acetate

Concen: 64.958 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Tgt Ion: 43 Resp: 128155

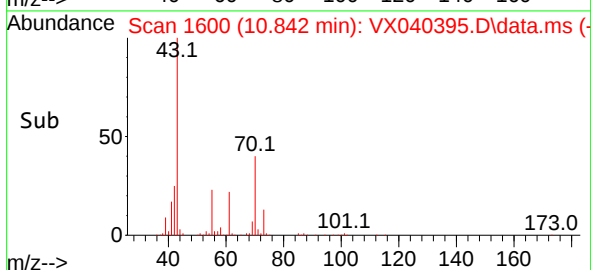
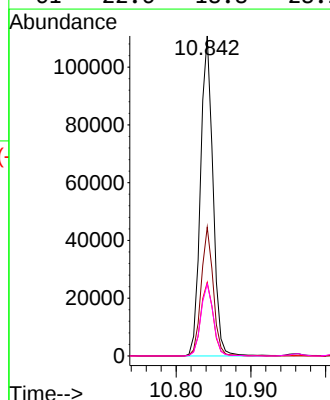
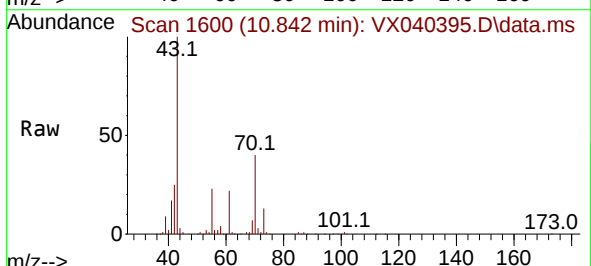
Ion Ratio Lower Upper

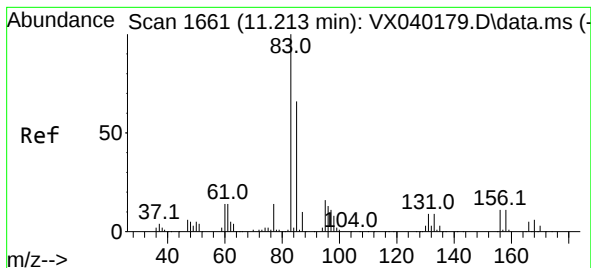
43 100

70 38.8 32.9 49.3

55 23.0 19.3 28.9

61 22.6 18.8 28.2





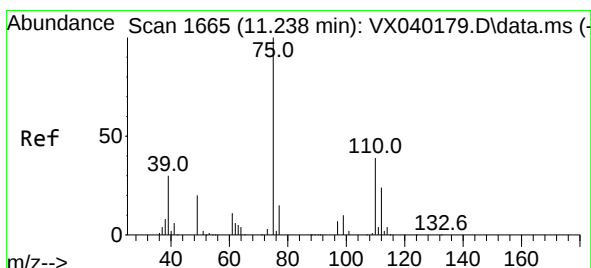
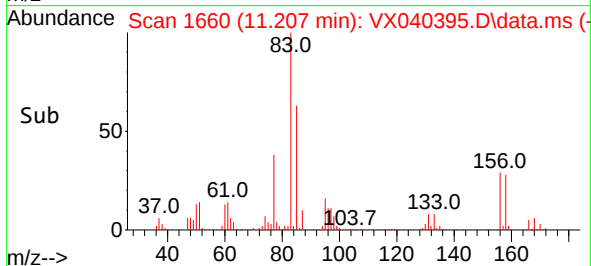
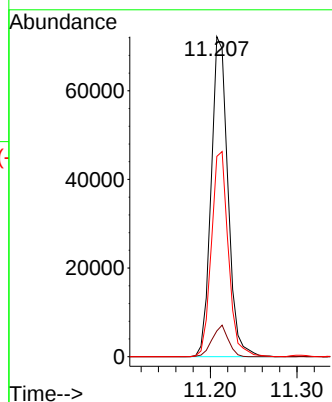
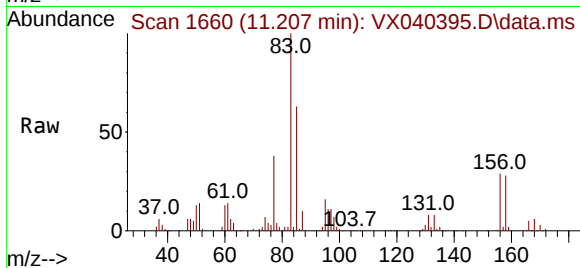
#75
1,1,2,2-Tetrachloroethane
Concen: 58.733 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9712
Ion Ratio Lower Upper
83 100
131 9.4 5.3 15.8
85 64.8 32.0 96.2

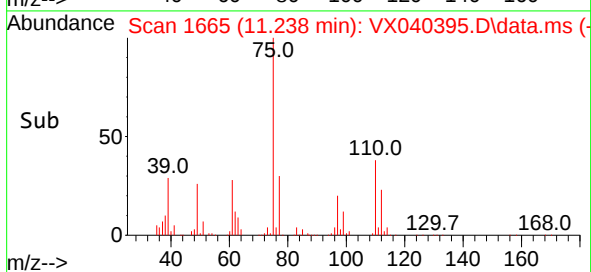
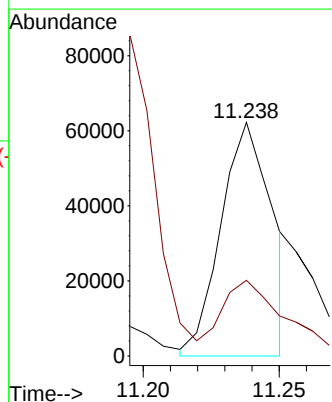
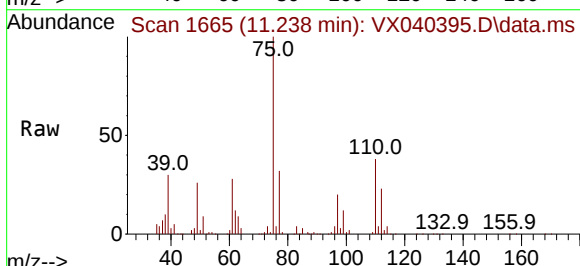
Manual Integrations
APPROVED

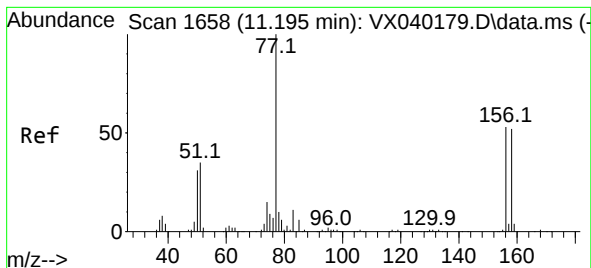
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#76
1,2,3-Trichloropropane
Concen: 61.131 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Tgt Ion: 75 Resp: 80896
Ion Ratio Lower Upper
75 100
77 41.3 19.1 57.5





#77

Bromobenzene

Concen: 55.621 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 6046

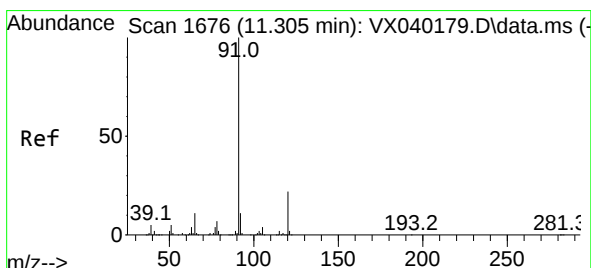
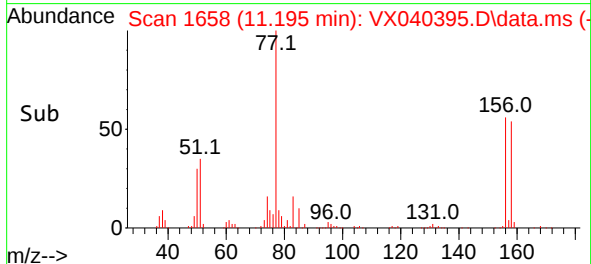
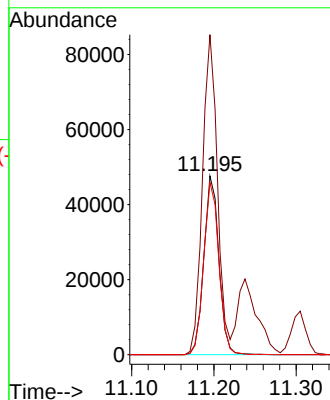
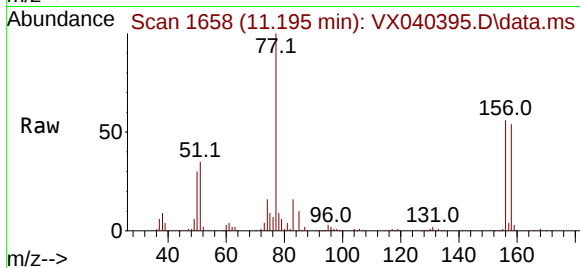
Ion	Ratio	Lower	Upper
156	100		
77	177.8	88.4	265.3
158	97.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#78

n-propylbenzene

Concen: 57.862 ug/l

RT: 11.305 min Scan# 1676

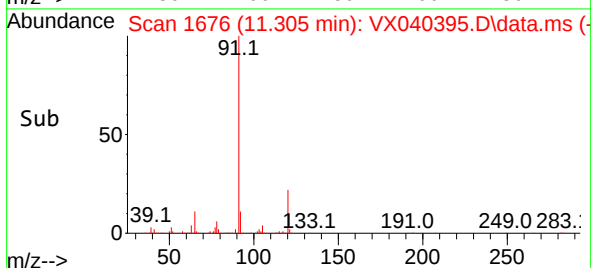
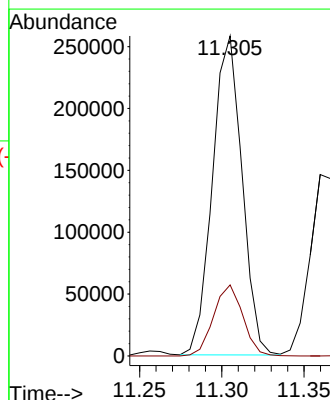
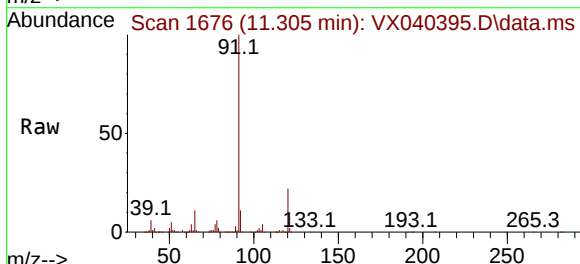
Delta R.T. 0.000 min

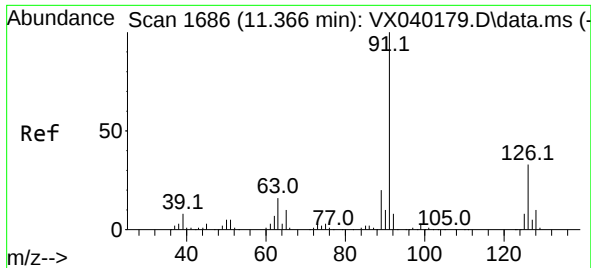
Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Tgt Ion: 91 Resp: 322426

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.5	34.4





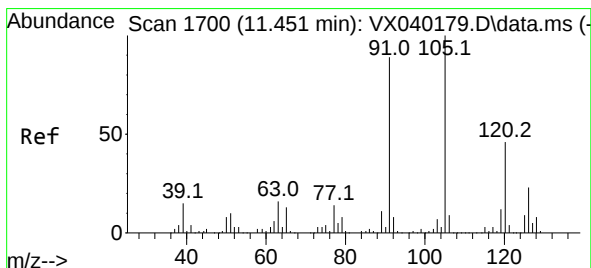
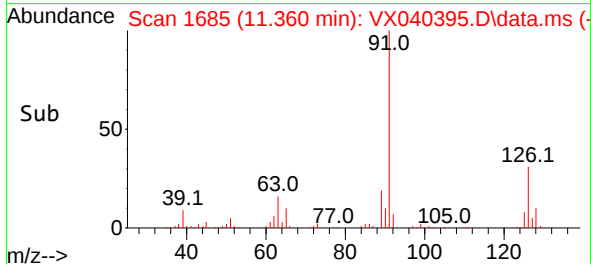
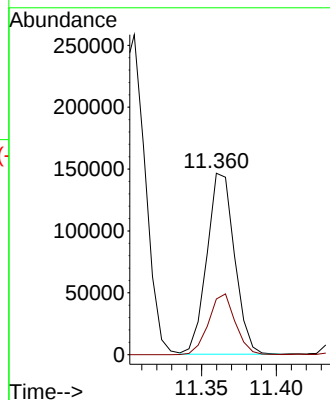
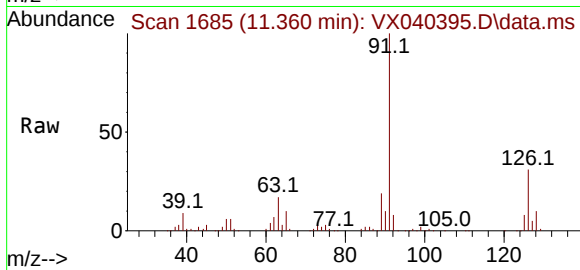
#79
2-Chlorotoluene
Concen: 55.880 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 188029
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

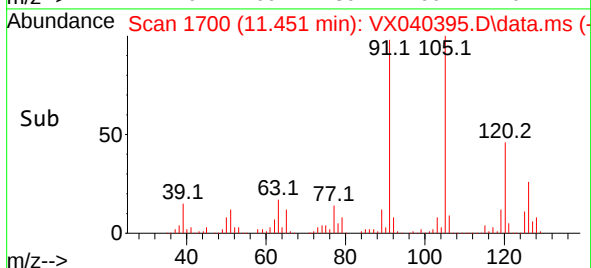
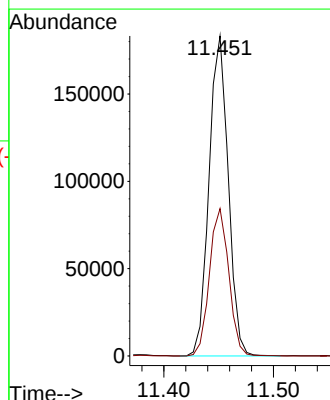
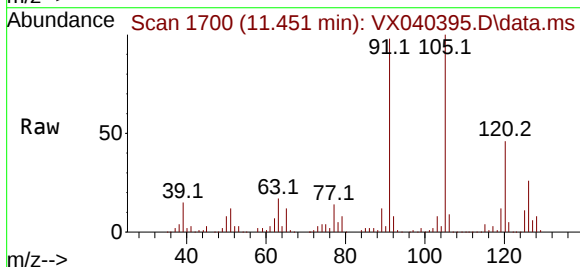
Manual Integrations
APPROVED

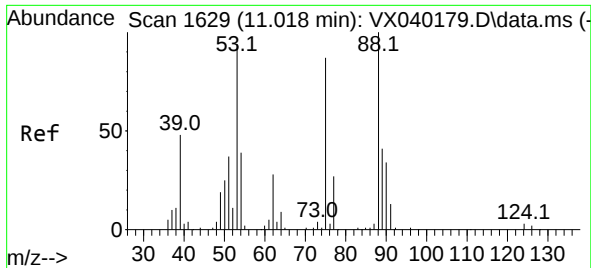
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 57.571 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

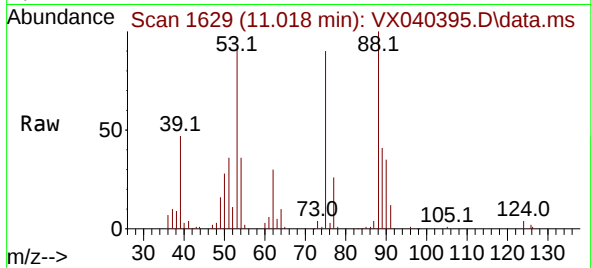
Tgt Ion:105 Resp: 223081
Ion Ratio Lower Upper
105 100
120 46.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.589 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

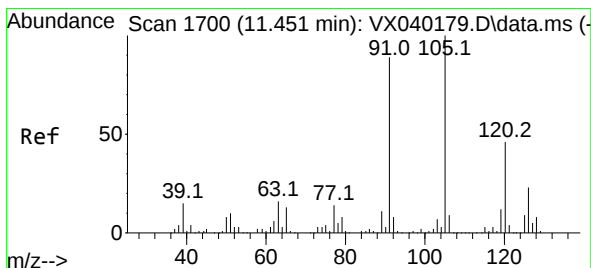
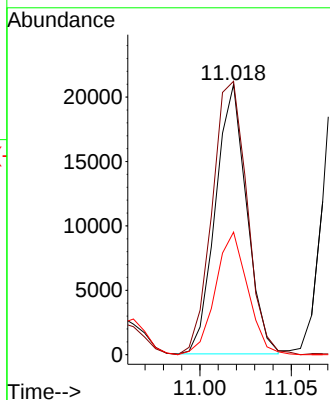
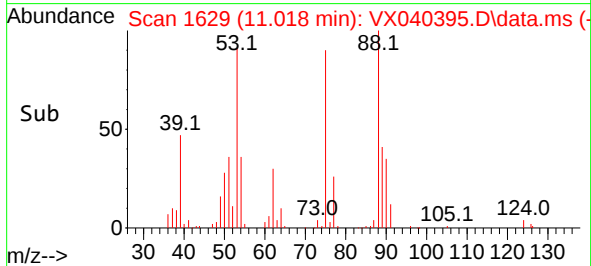
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



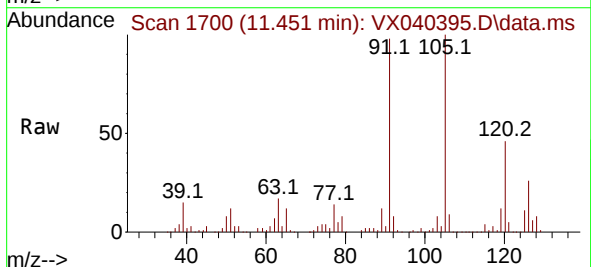
Tgt Ion: 75 Resp: 24870
Ion Ratio Lower Upper
75 100
53 113.5 90.5 135.7
89 47.0 36.9 55.3

Manual Integrations
APPROVED

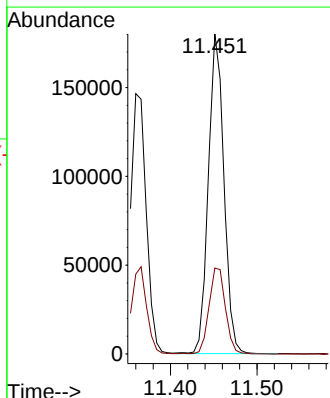
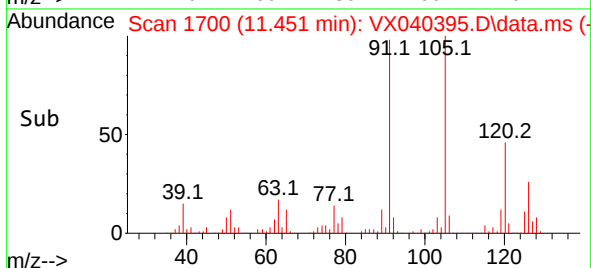
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

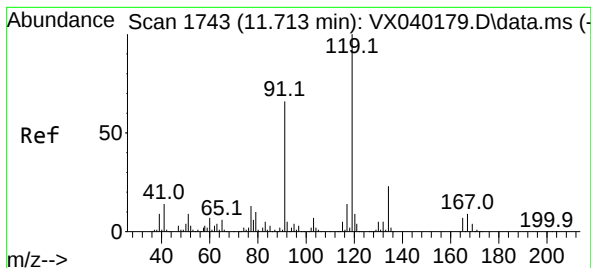


#82
4-Chlorotoluene
Concen: 56.357 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11



Tgt Ion: 91 Resp: 224685
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 57.116 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 216980

Ion Ratio Lower Upper

119 100

91 63.7 31.2 93.6

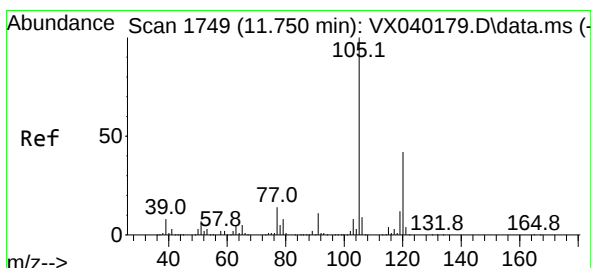
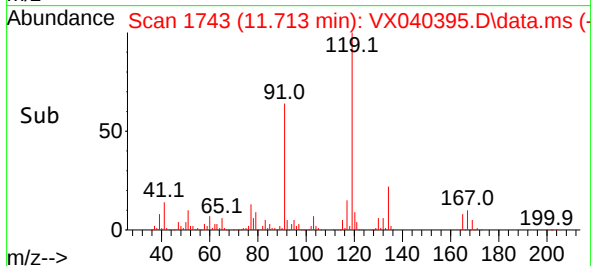
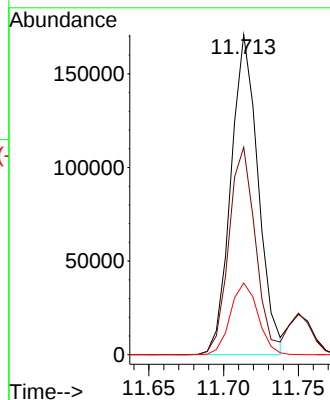
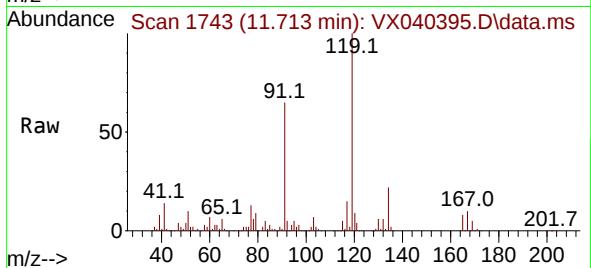
134 22.7 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#84

1,2,4-Trimethylbenzene

Concen: 57.717 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040395.D

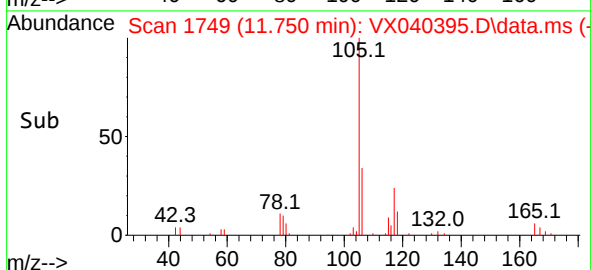
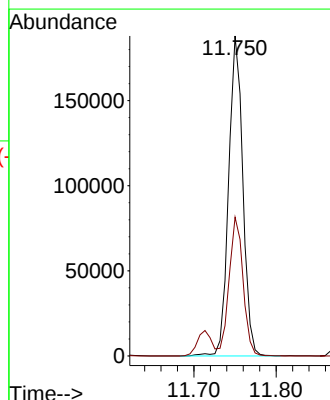
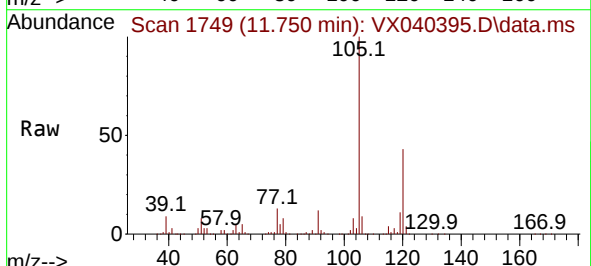
Acq: 22 Feb 2024 10:11

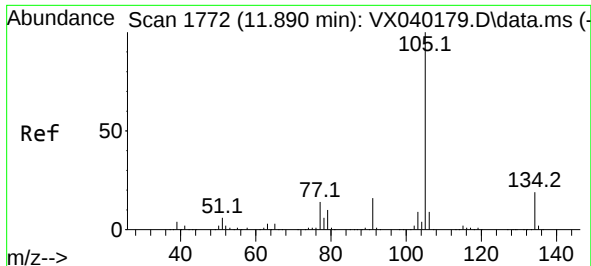
Tgt Ion:105 Resp: 226264

Ion Ratio Lower Upper

105 100

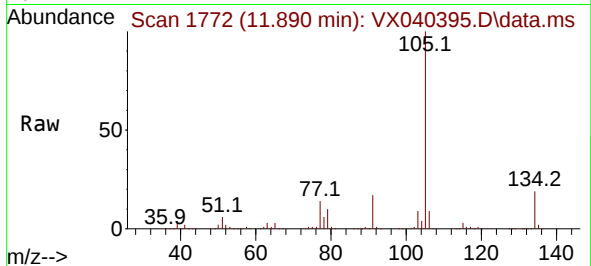
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 57.836 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040395.D
 Acq: 22 Feb 2024 10:11

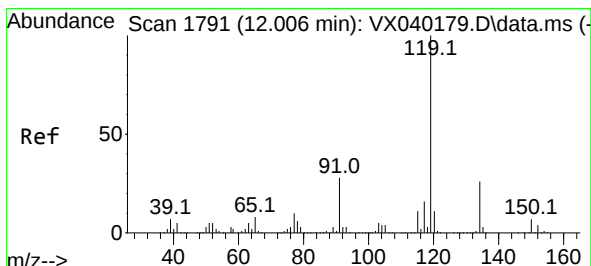
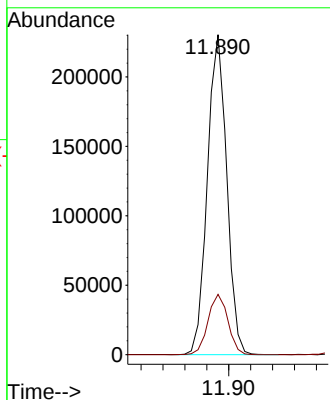
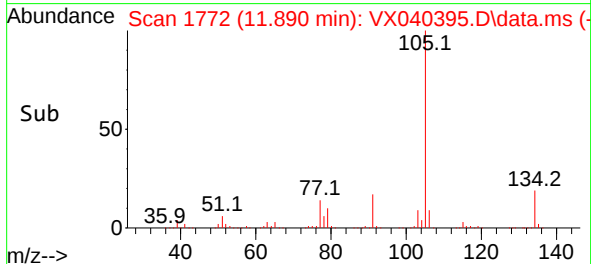
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



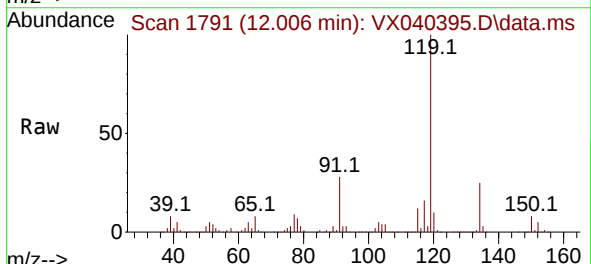
Tgt Ion:105 Resp: 282369
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
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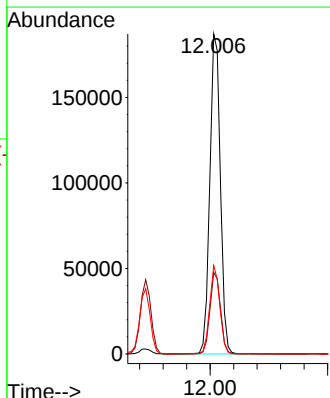
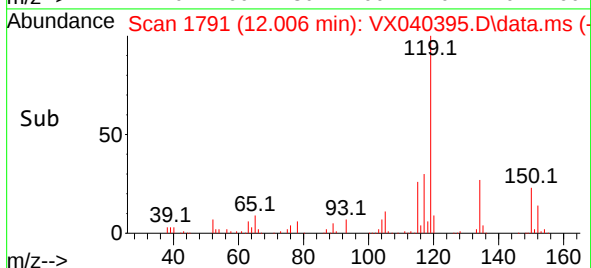
Reviewed By :John Carlone 02/23/2024
 Supervised By :Mahesh Dadoda 02/23/2024

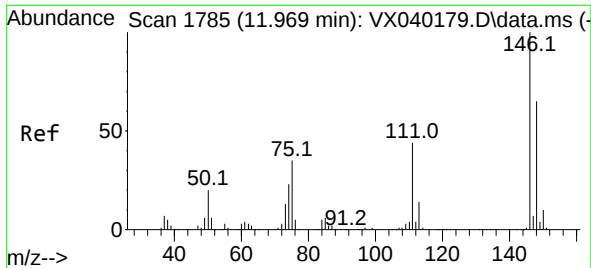


#86
 p-Isopropyltoluene
 Concen: 58.100 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040395.D
 Acq: 22 Feb 2024 10:11



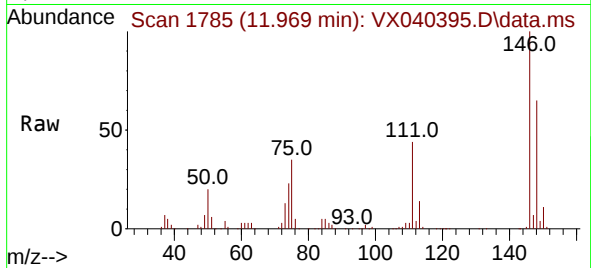
Tgt Ion:119 Resp: 232519
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 26.4 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 55.557 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

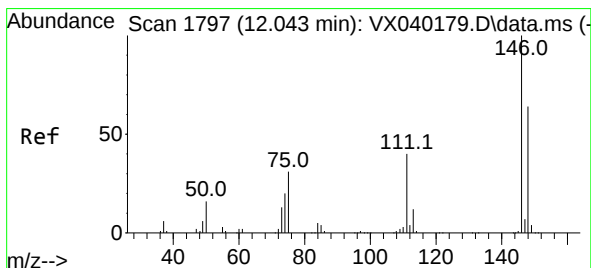
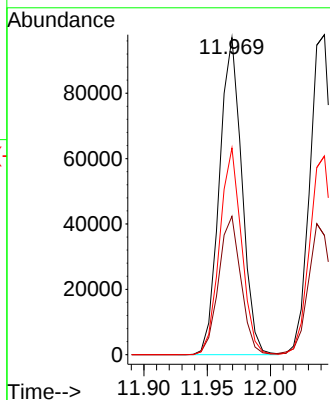
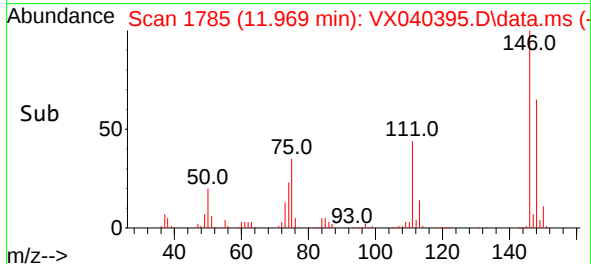
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



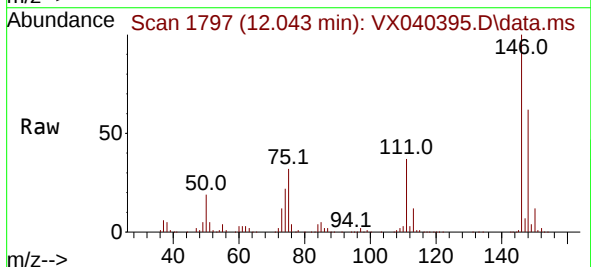
Tgt Ion:146 Resp: 119660
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.1
148 63.4 31.8 95.3

Manual Integrations
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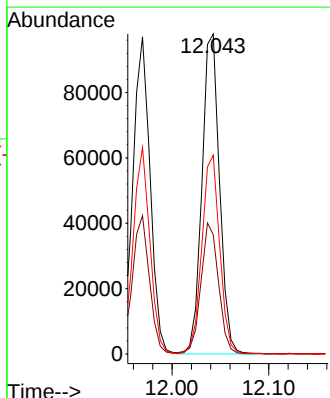
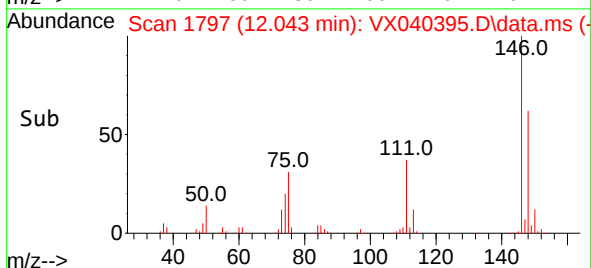
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

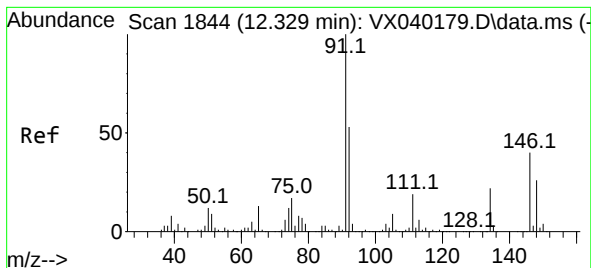


#88
1,4-Dichlorobenzene
Concen: 54.499 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11



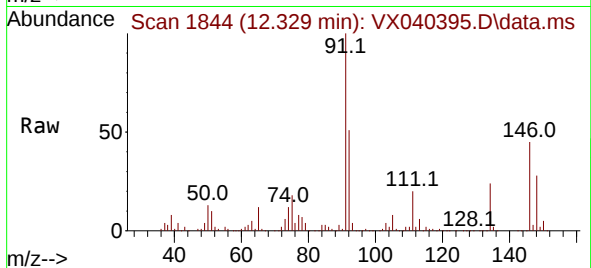
Tgt Ion:146 Resp: 124302
Ion Ratio Lower Upper
146 100
111 41.1 21.3 63.7
148 63.0 31.8 95.4





#89
n-Butylbenzene
Concen: 58.933 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

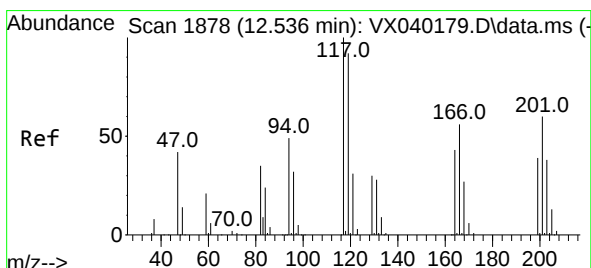
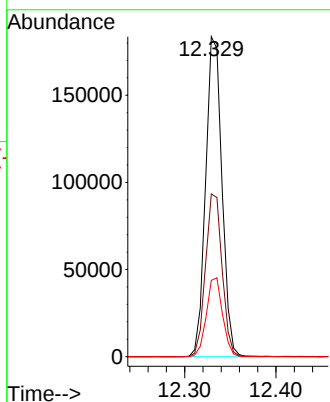
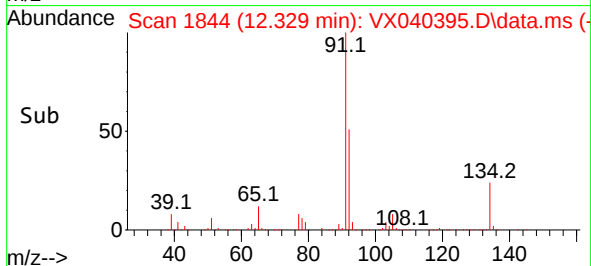
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 227672
Ion Ratio Lower Upper
91 100
92 51.8 27.4 82.0
134 24.5 12.6 37.8

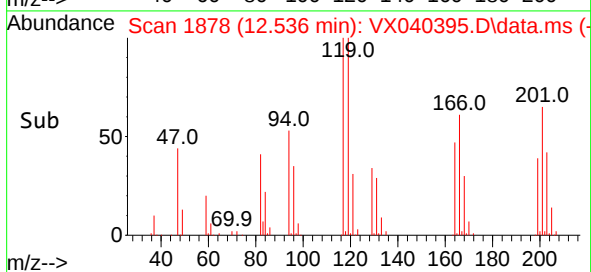
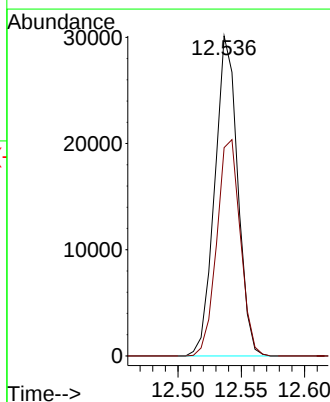
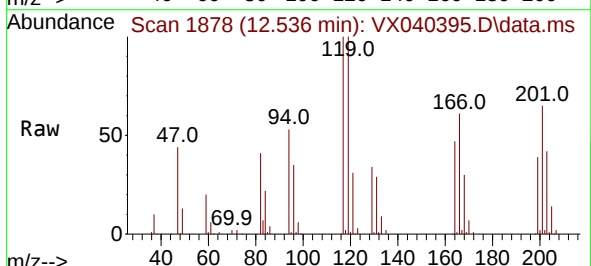
Manual Integrations
APPROVED

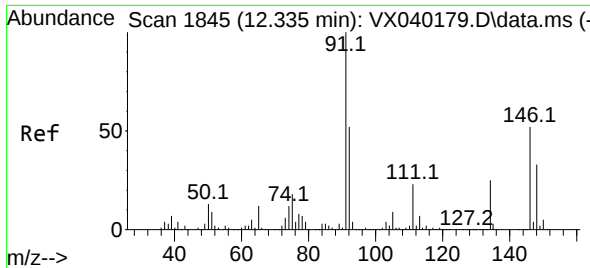
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#90
Hexachloroethane
Concen: 60.019 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

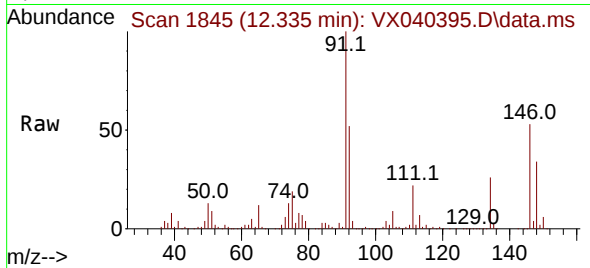
Tgt Ion:117 Resp: 37888
Ion Ratio Lower Upper
117 100
201 69.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 56.944 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

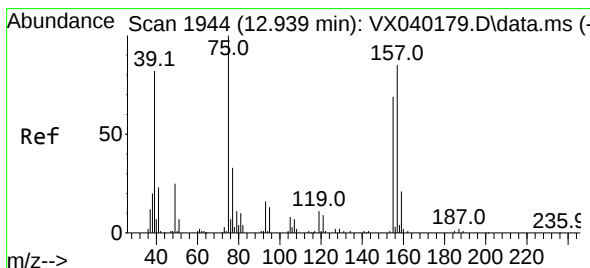
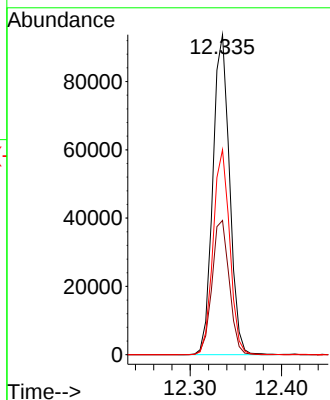
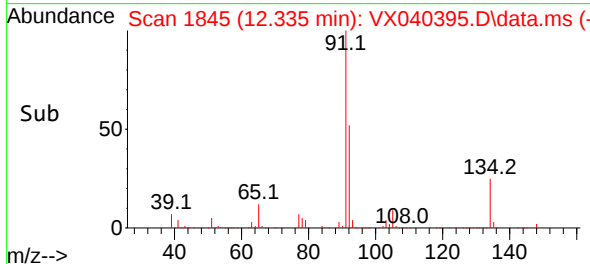
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



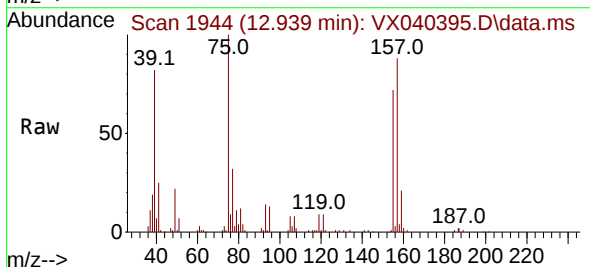
Tgt Ion:146 Resp: 11873
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
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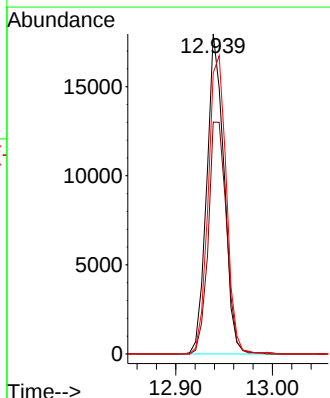
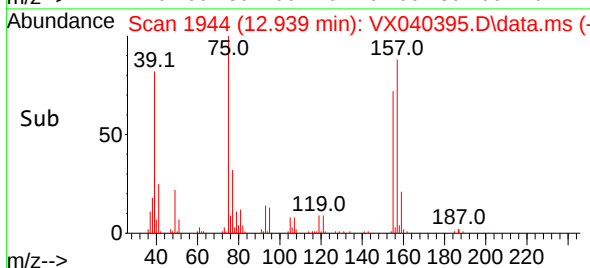
Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024

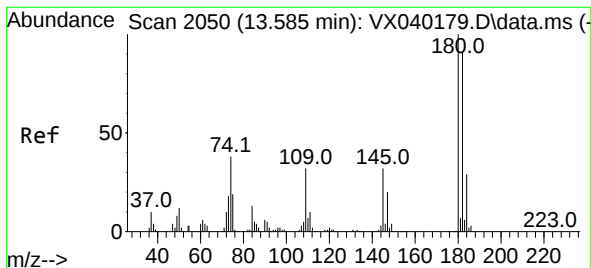


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.432 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11



Tgt Ion: 75 Resp: 22301
Ion Ratio Lower Upper
75 100
155 76.2 36.1 108.5
157 98.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 57.165 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

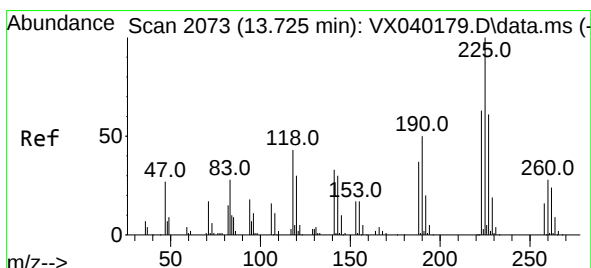
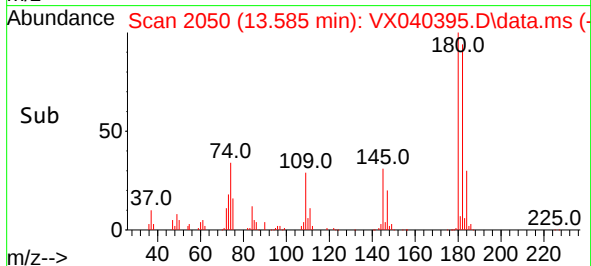
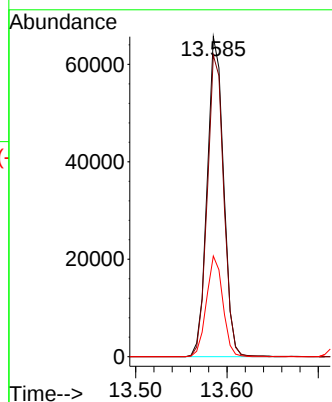
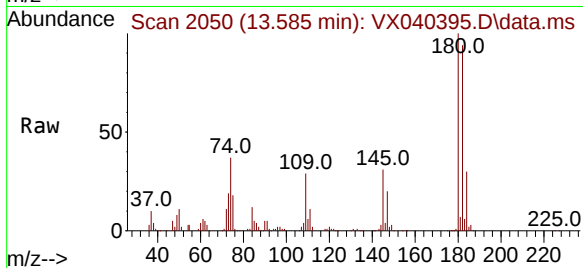
Tgt Ion:180	Resp:	8160	
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.3	144.8
145	31.3	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2024

Supervised By :Mahesh Dadoda 02/23/2024



#94

Hexachlorobutadiene

Concen: 57.721 ug/l

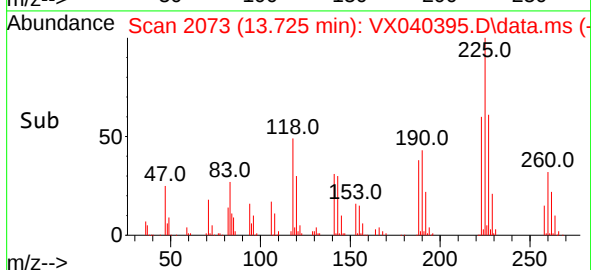
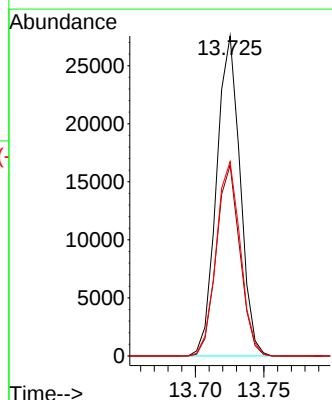
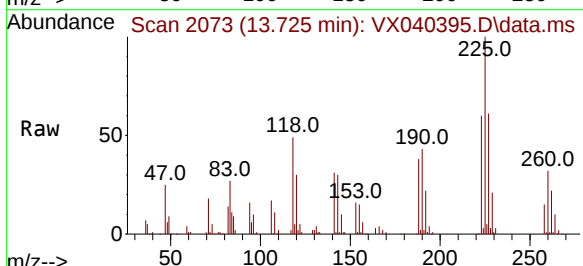
RT: 13.725 min Scan# 2073

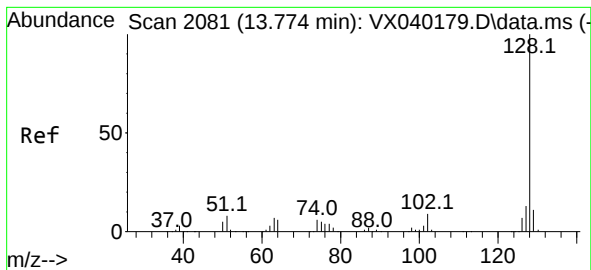
Delta R.T. 0.000 min

Lab File: VX040395.D

Acq: 22 Feb 2024 10:11

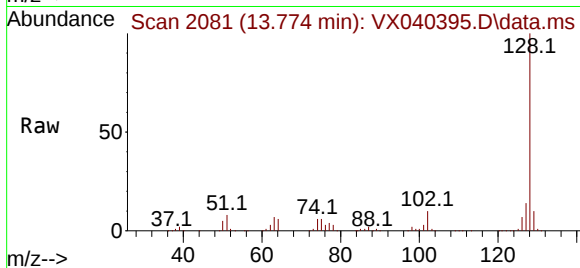
Tgt Ion:225	Resp:	32886	
Ion Ratio	Lower	Upper	
225	100		
223	59.6	31.1	93.2
227	62.3	32.5	97.5





#95
Naphthalene
Concen: 57.654 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11

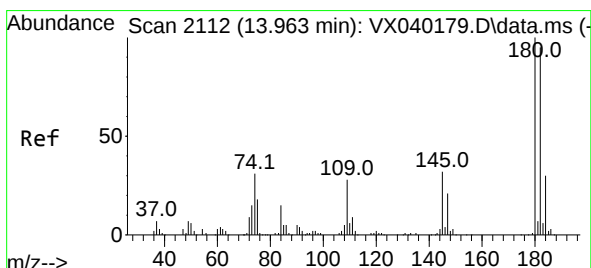
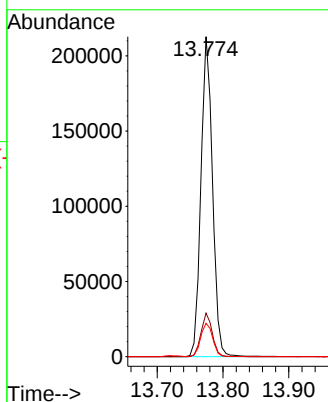
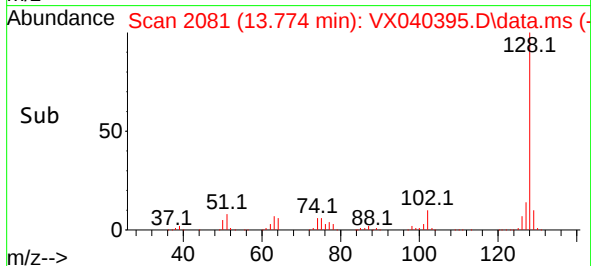
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



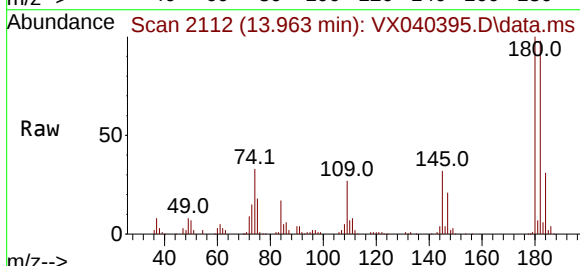
Tgt Ion:128 Resp: 25994
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2024
Supervised By :Mahesh Dadoda 02/23/2024



#96
1,2,3-Trichlorobenzene
Concen: 57.899 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040395.D
Acq: 22 Feb 2024 10:11



Tgt Ion:180 Resp: 78785
Ion Ratio Lower Upper
180 100
182 96.0 46.9 140.6
145 32.8 17.8 53.5

