

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
 Data File : VX040420.D
 Acq On : 23 Feb 2024 10:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2024
 Supervised By : Mahesh Dadoda 02/26/2024

Quant Time: Feb 23 22:13:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 23 06:47:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90259	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	150834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	75104	51.093	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.180%			
35) Dibromofluoromethane	5.379	113	54479	53.598	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.200%			
50) Toluene-d8	8.647	98	199972	54.466	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.940%			
62) 4-Bromofluorobenzene	11.079	95	78465	53.333	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	59518	54.706	ug/l	95
3) Chloromethane	1.294	50	58875	47.870	ug/l	97
4) Vinyl Chloride	1.374	62	60662	49.452	ug/l	98
5) Bromomethane	1.599	94	38785	53.743	ug/l	96
6) Chloroethane	1.678	64	36803	49.780	ug/l	99
7) Trichlorofluoromethane	1.886	101	95510	48.800	ug/l	99
8) Diethyl Ether	2.130	74	32961	47.145	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	52047	50.327	ug/l	99
10) Methyl Iodide	2.447	142	62412	51.866	ug/l	98
11) Tert butyl alcohol	2.959	59	68034	239.438	ug/l #	90
12) 1,1-Dichloroethene	2.312	96	48426	48.550	ug/l	98
13) Acrolein	2.233	56	92330	271.595	ug/l	99
14) Allyl chloride	2.660	41	89741	48.716	ug/l	93
15) Acrylonitrile	3.056	53	158425	237.816	ug/l	99
16) Acetone	2.373	43	172445	281.552	ug/l	97
17) Carbon Disulfide	2.508	76	139383	50.828	ug/l	98
18) Methyl Acetate	2.696	43	75363	47.503	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	173463	48.774	ug/l	98
20) Methylene Chloride	2.788	84	55655	43.398	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	53768	47.773	ug/l	97
22) Diisopropyl ether	3.757	45	180350	49.529	ug/l	94
23) Vinyl Acetate	3.715	43	842334	253.474	ug/l	99
24) 1,1-Dichloroethane	3.605	63	102069	48.473	ug/l	99
25) 2-Butanone	4.550	43	237821	249.058	ug/l	98
26) 2,2-Dichloropropane	4.471	77	83829	60.994	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	62389	49.743	ug/l	98
28) Bromochloromethane	4.891	49	43838	44.636	ug/l	99
29) Tetrahydrofuran	4.995	42	148083	232.964	ug/l	98
30) Chloroform	5.086	83	108621	47.862	ug/l	97
31) Cyclohexane	5.464	56	88523	50.231	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	94609	50.356	ug/l	99
36) 1,1-Dichloropropene	5.684	75	81400	51.747	ug/l	99
37) Ethyl Acetate	4.708	43	89854	49.996	ug/l	99
38) Carbon Tetrachloride	5.672	117	79085	54.340	ug/l	95
39) Methylcyclohexane	7.372	83	93839	56.288	ug/l	97
40) Benzene	6.031	78	217403	50.802	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	48639	50.967	ug/l	97
42) 1,2-Dichloroethane	6.080	62	92314	51.906	ug/l	99
43) Isopropyl Acetate	6.330	43	141410	51.279	ug/l	98
44) Trichloroethene	7.116	130	57058	50.980	ug/l	92
45) 1,2-Dichloropropane	7.427	63	58611	51.321	ug/l	97
46) Dibromomethane	7.574	93	43276	50.507	ug/l	99
47) Bromodichloromethane	7.818	83	83811	52.558	ug/l	98
48) Methyl methacrylate	7.689	41	73665	53.940	ug/l	96
49) 1,4-Dioxane	7.653	88	29968	1088.666	ug/l #	93
51) 4-Methyl-2-Pentanone	8.567	43	472047	252.034	ug/l	99
52) Toluene	8.714	92	138563	52.836	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	90265	56.146	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	93280	54.466	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	56865	50.641	ug/l	94
56) Ethyl methacrylate	9.116	69	92398	53.852	ug/l	95
57) 1,3-Dichloropropane	9.305	76	98606	50.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	225960	262.647	ug/l	97
59) 2-Hexanone	9.427	43	383359	265.393	ug/l	99
60) Dibromochloromethane	9.518	129	62373	55.394	ug/l	98
61) 1,2-Dibromoethane	9.610	107	62607	51.873	ug/l	100
64) Tetrachloroethene	9.268	164	50764	49.046	ug/l	96
65) Chlorobenzene	10.079	112	148774	52.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54320	54.541	ug/l	99
67) Ethyl Benzene	10.189	91	284543	53.260	ug/l	97
68) m/p-Xylenes	10.299	106	208743	107.153	ug/l	94
69) o-Xylene	10.640	106	102021	52.981	ug/l	95
70) Styrene	10.652	104	170607	53.748	ug/l	99
71) Bromoform	10.799	173	43937	54.568	ug/l #	98
73) Isopropylbenzene	10.957	105	276094	53.932	ug/l	99
74) N-amyl acetate	10.841	43	133122	56.046	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	96452	52.705	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	81653m	50.753	ug/l	
77) Bromobenzene	11.195	156	64371	51.460	ug/l	99
78) n-propylbenzene	11.305	91	339742	53.727	ug/l	98
79) 2-Chlorotoluene	11.366	91	199124	52.762	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	238596	54.860	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	26863	58.099	ug/l	98
82) 4-Chlorotoluene	11.451	91	237085	53.602	ug/l	98
83) tert-Butylbenzene	11.713	119	221197	53.958	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	237830	54.197	ug/l	100
85) sec-Butylbenzene	11.890	105	294898	54.037	ug/l	99
86) p-Isopropyltoluene	12.006	119	245665	56.340	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	125789	52.577	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	127339	51.340	ug/l	99
89) n-Butylbenzene	12.329	91	237967	55.468	ug/l	96
90) Hexachloroethane	12.536	117	40676	58.248	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	119166	51.508	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23271	55.762	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	81797	54.918	ug/l	97
94) Hexachlorobutadiene	13.725	225	32204	59.698	ug/l	98
95) Naphthalene	13.774	128	261186	54.645	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78066	54.438	ug/l	98

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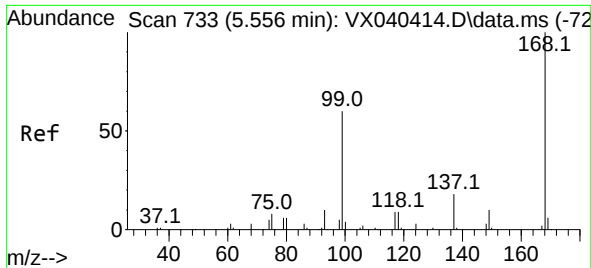
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

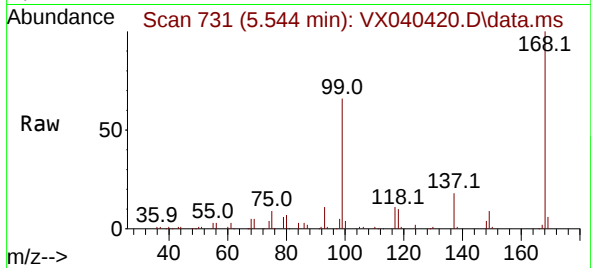
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
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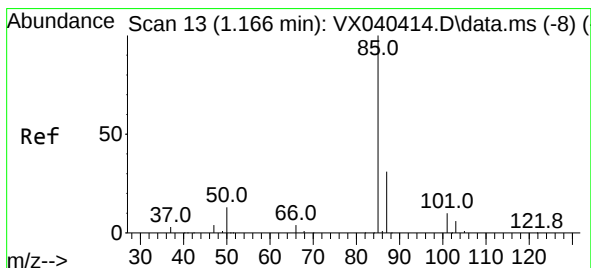
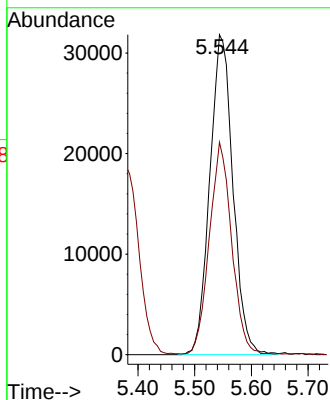
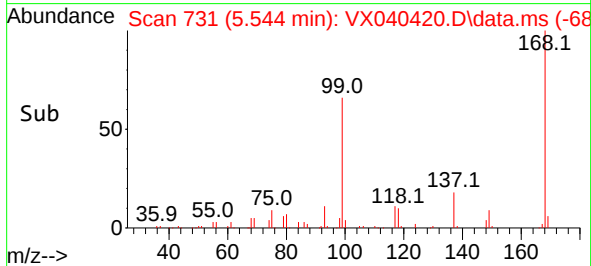
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 90259
Ion Ratio Lower Upper
168 100
99 66.1 56.6 85.0

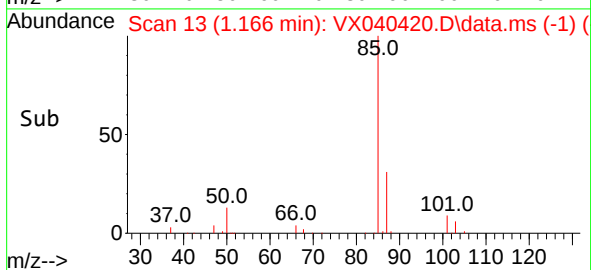
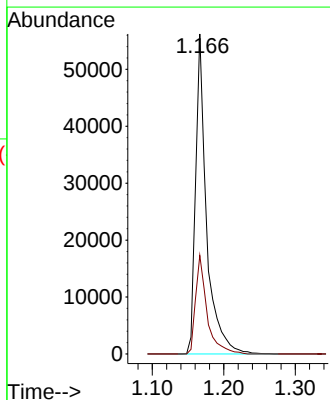
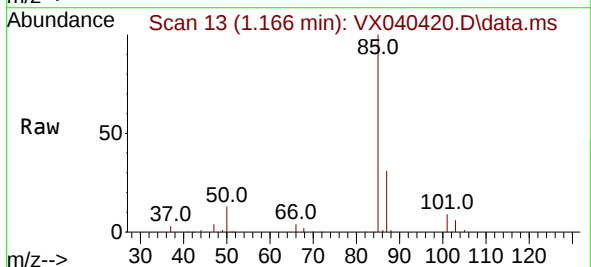
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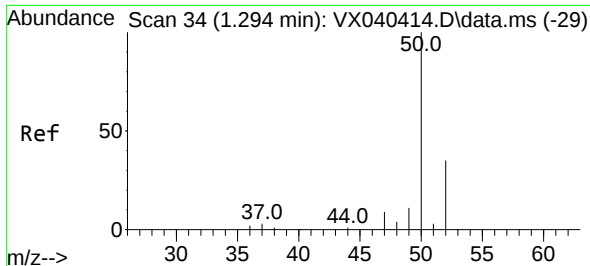
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#2
Dichlorodifluoromethane
Concen: 54.706 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

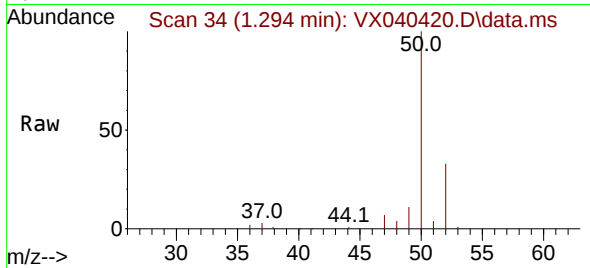
Tgt Ion: 85 Resp: 59518
Ion Ratio Lower Upper
85 100
87 30.8 16.7 50.1





#3
Chloromethane
Concen: 47.870 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

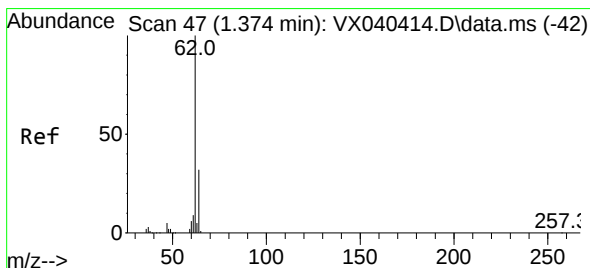
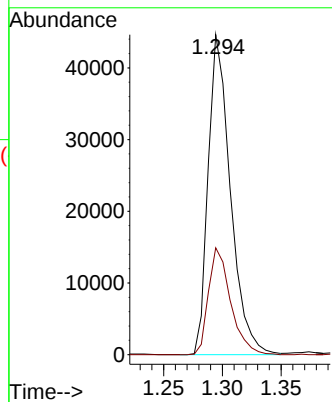
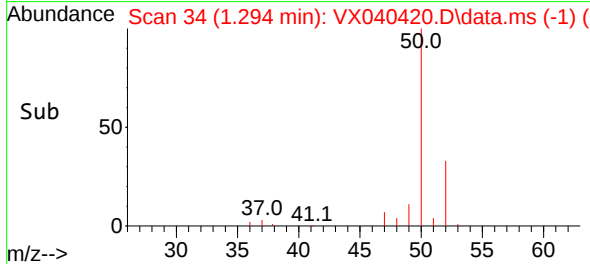
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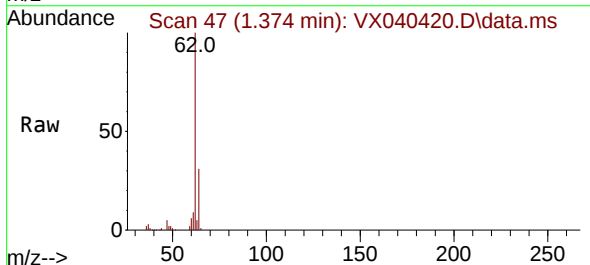
Tgt Ion: 50 Resp: 5887
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

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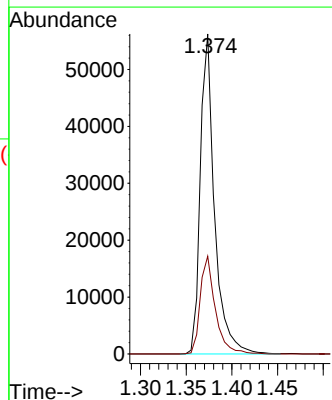
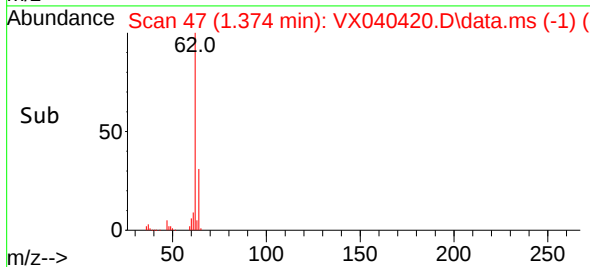
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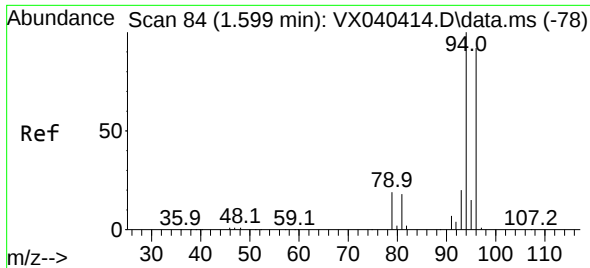


#4
Vinyl Chloride
Concen: 49.452 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42



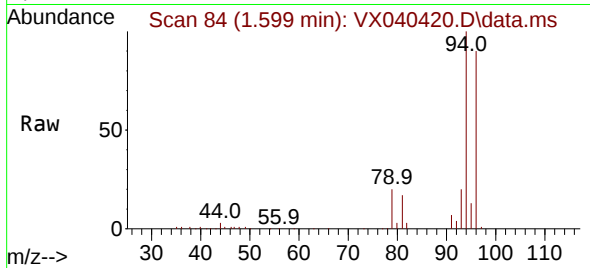
Tgt Ion: 62 Resp: 60662
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.0





#5
Bromomethane
Concen: 53.743 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

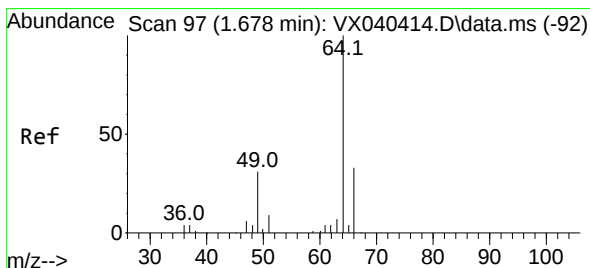
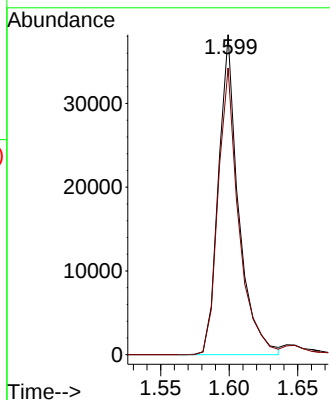
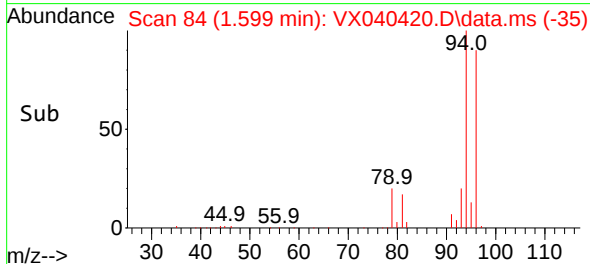
Instrument :
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Tgt Ion: 94 Resp: 3878
Ion Ratio Lower Upper
94 100
96 89.6 74.6 111.8

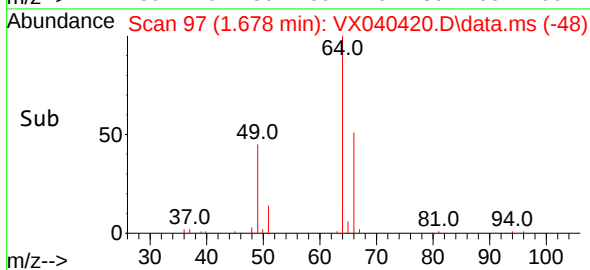
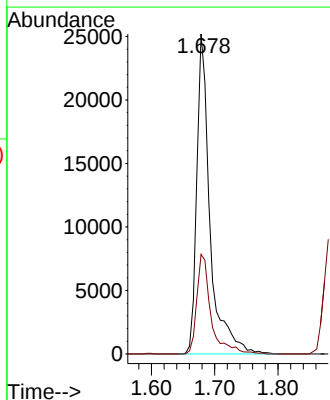
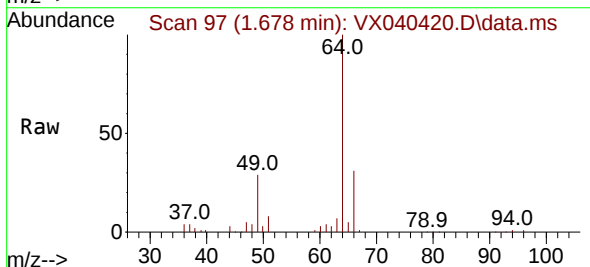
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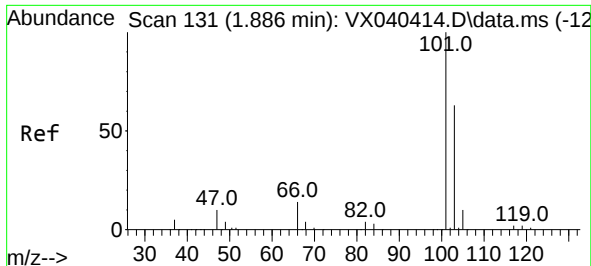
Reviewed By :John Carlone 02/26/2024
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#6
Chloroethane
Concen: 49.780 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX040420.D
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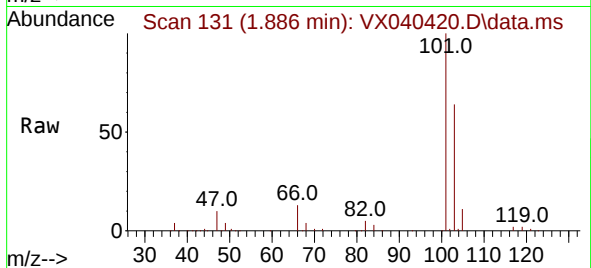
Tgt Ion: 64 Resp: 36803
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 48.800 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040420.D
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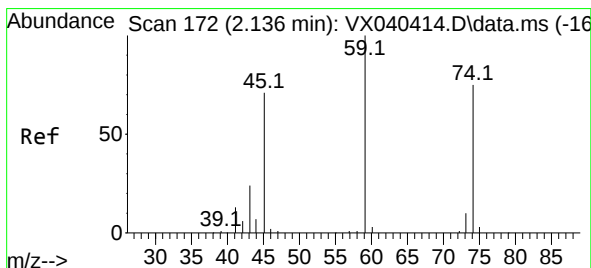
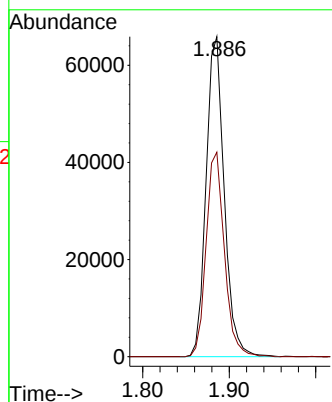
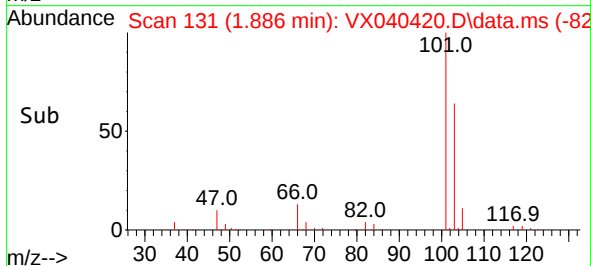
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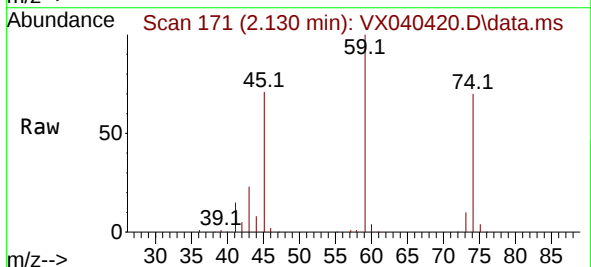
Tgt Ion:101 Resp: 95510
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

Manual Integrations
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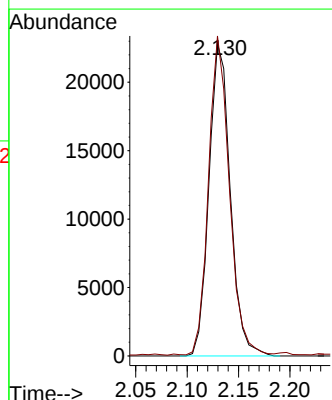
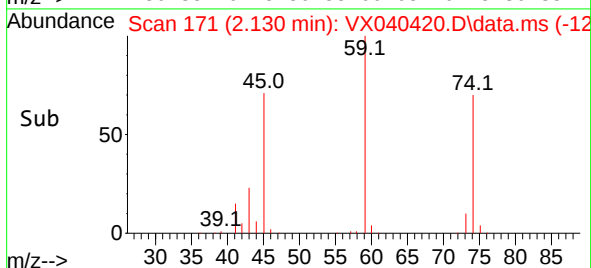
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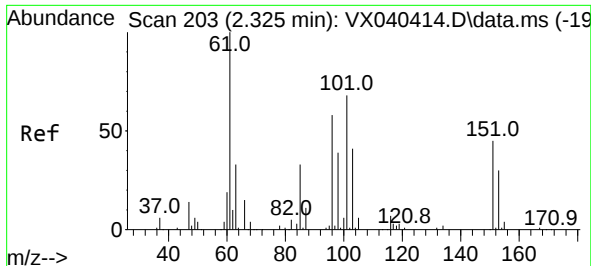


#8
Diethyl Ether
Concen: 47.145 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 32961
Ion Ratio Lower Upper
74 100
45 100.0 53.3 159.8





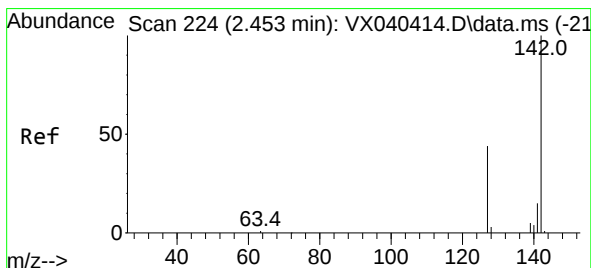
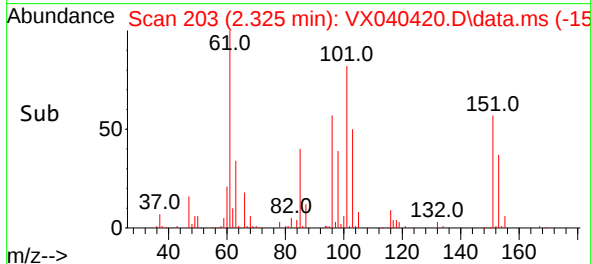
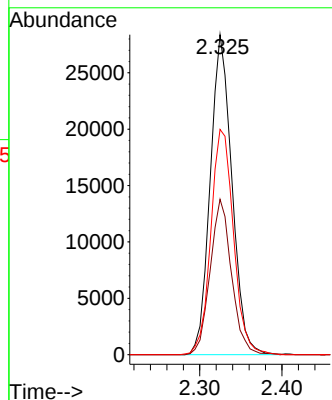
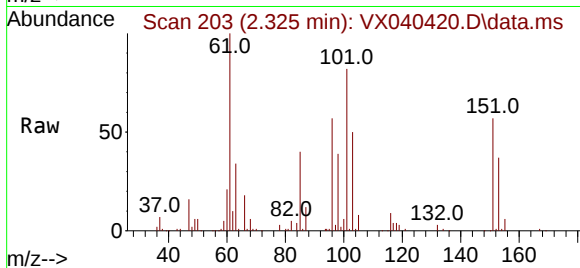
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.327 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5204
Ion Ratio Lower Upper
101 100
85 47.9 37.0 55.6
151 73.8 58.6 87.8

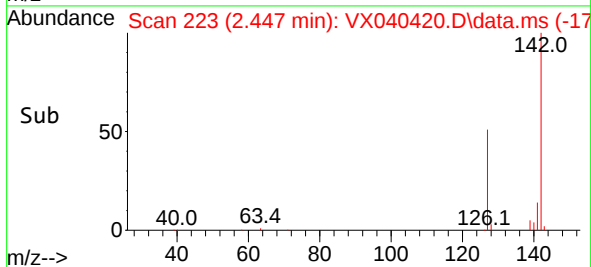
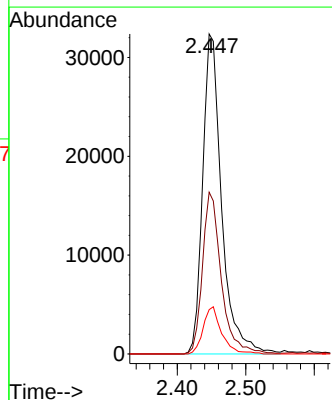
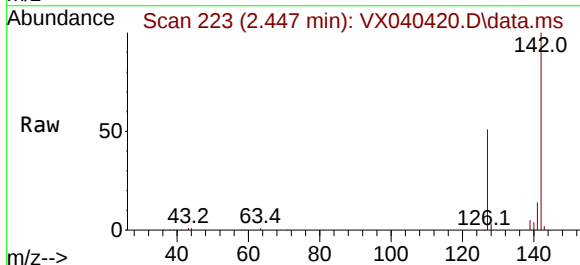
Manual Integrations
APPROVED

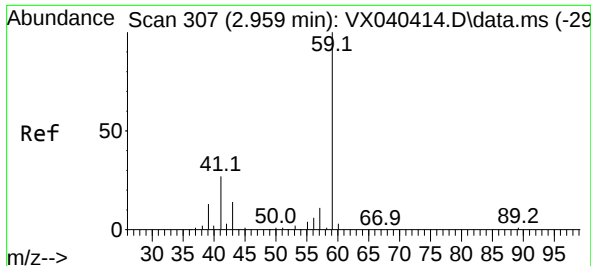
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#10
Methyl Iodide
Concen: 51.866 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Tgt Ion:142 Resp: 62412
Ion Ratio Lower Upper
142 100
127 50.1 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 239.438 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 68034

Ion Ratio Lower Upper

59 100

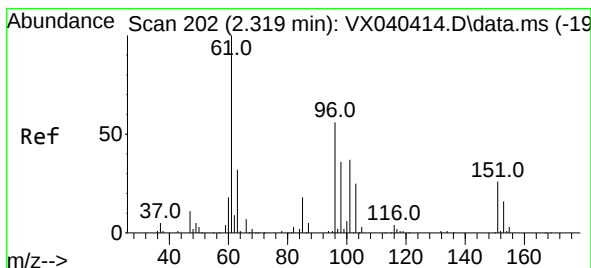
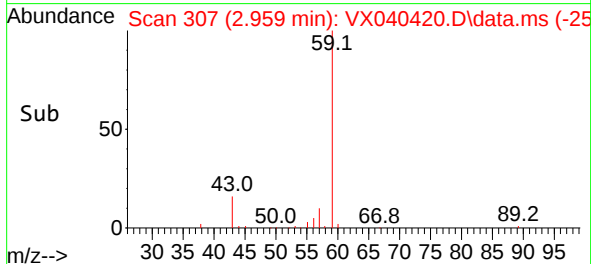
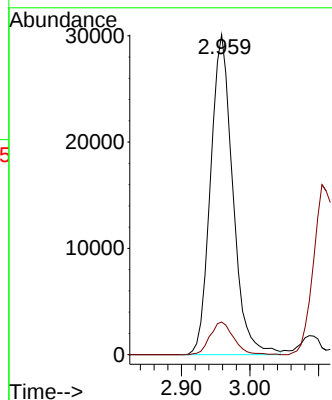
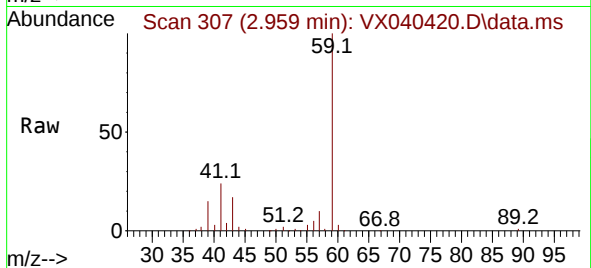
57 10.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#12

1,1-Dichloroethene

Concen: 48.550 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

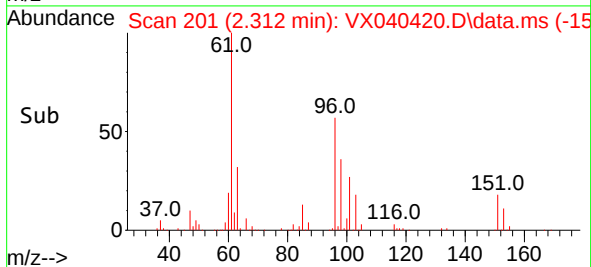
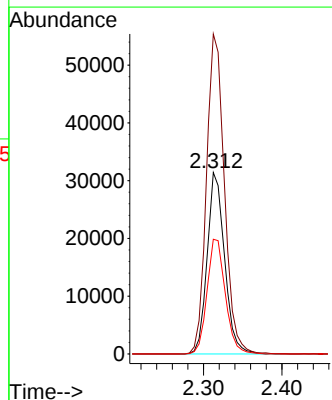
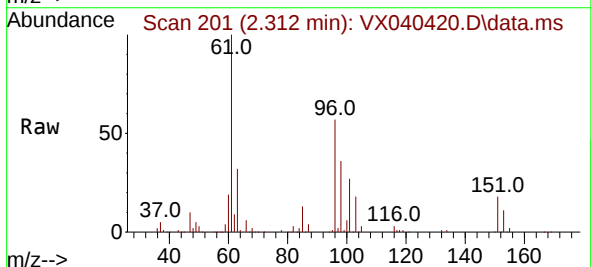
Tgt Ion: 96 Resp: 48426

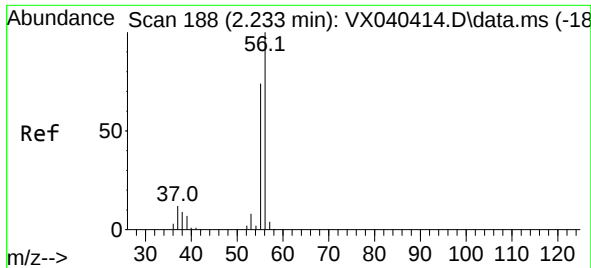
Ion Ratio Lower Upper

96 100

61 176.4 144.6 216.8

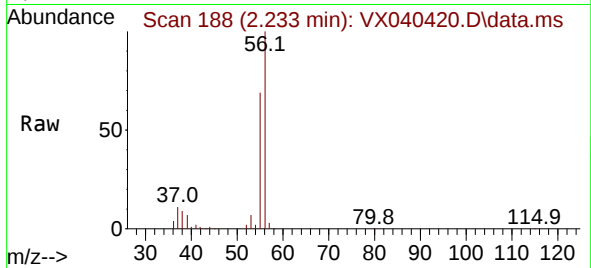
98 63.2 50.4 75.6





#13
Acrolein
Concen: 271.595 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

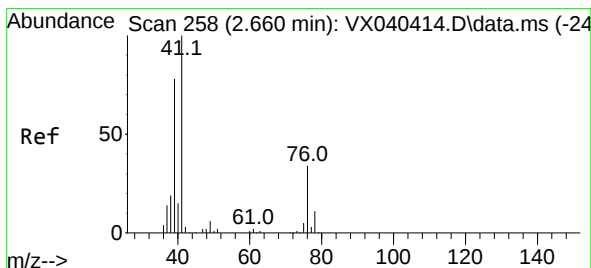
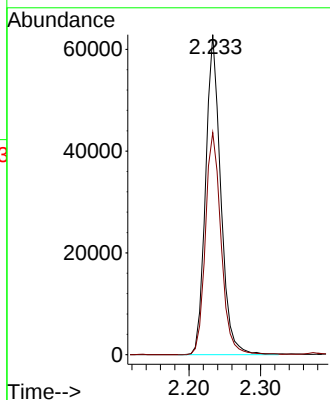
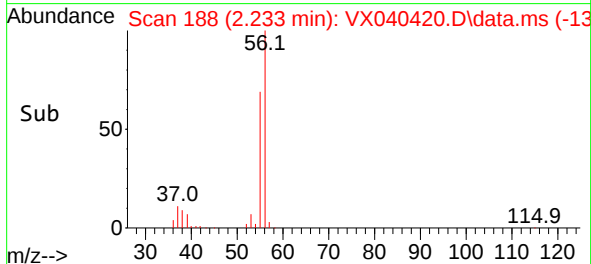
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 92330
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7

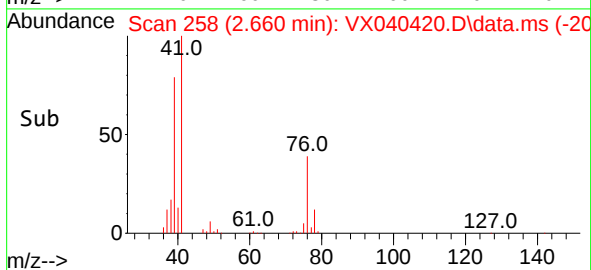
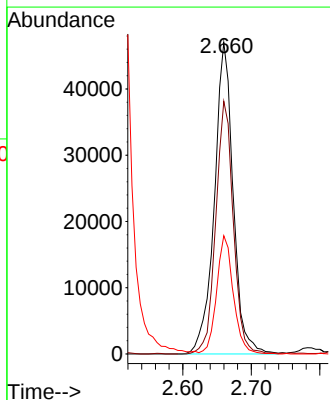
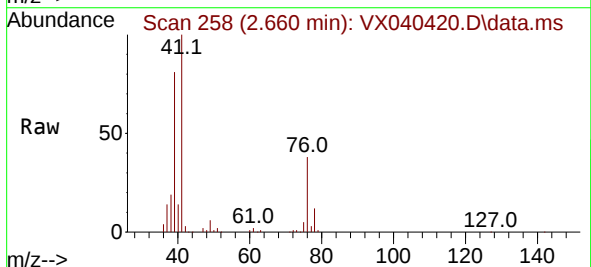
Manual Integrations
APPROVED

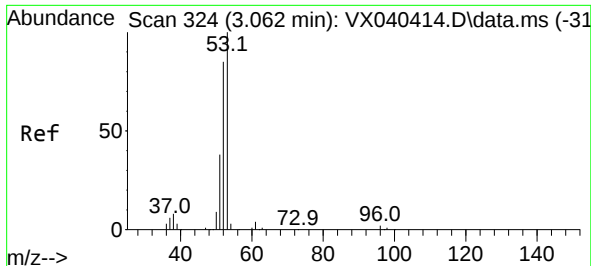
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#14
Allyl chloride
Concen: 48.716 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

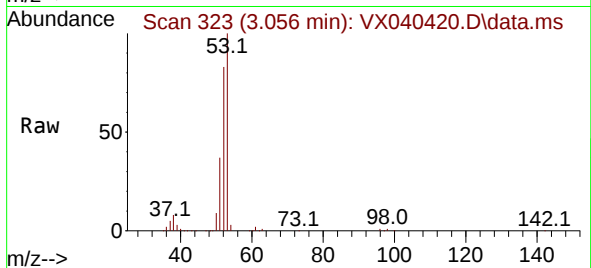
Tgt Ion: 41 Resp: 89741
Ion Ratio Lower Upper
41 100
39 75.4 55.8 83.6
76 33.6 24.3 36.5





#15
Acrylonitrile
Concen: 237.816 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

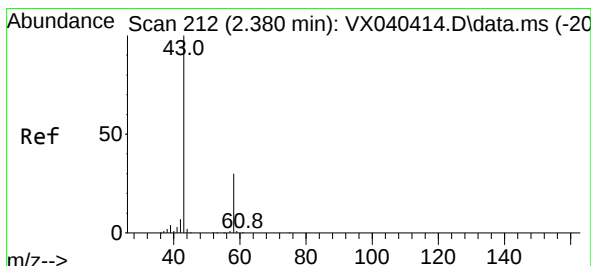
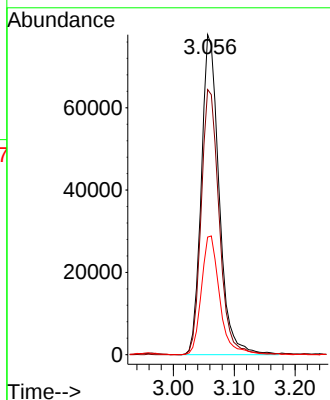
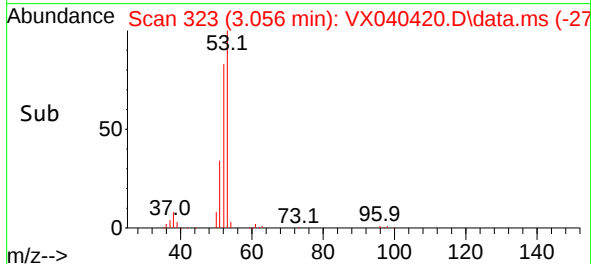
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 158425
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 38.1 29.8 44.6

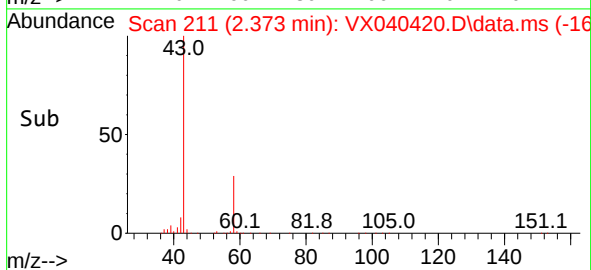
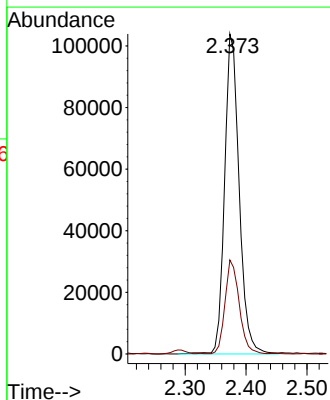
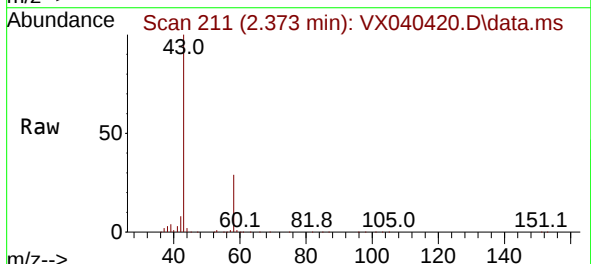
Manual Integrations
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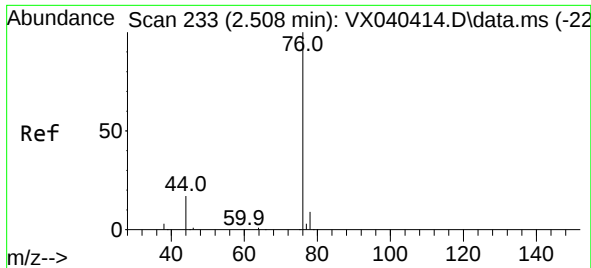
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#16
Acetone
Concen: 281.552 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

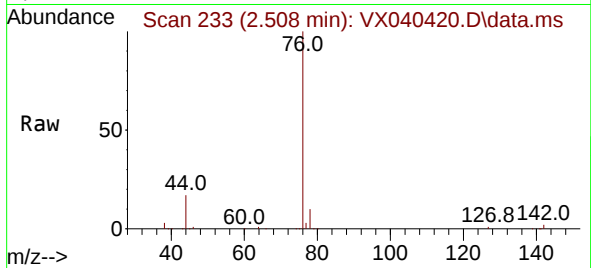
Tgt Ion: 43 Resp: 172445
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9





#17
Carbon Disulfide
Concen: 50.828 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

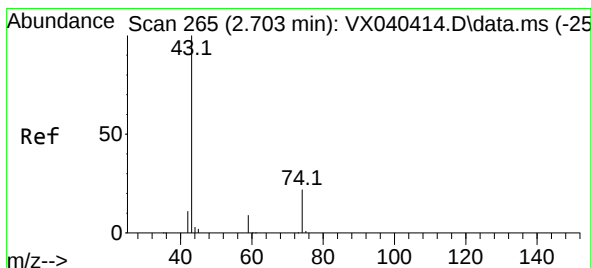
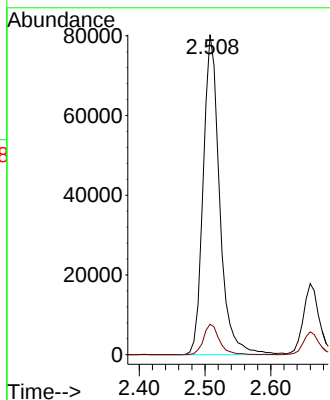
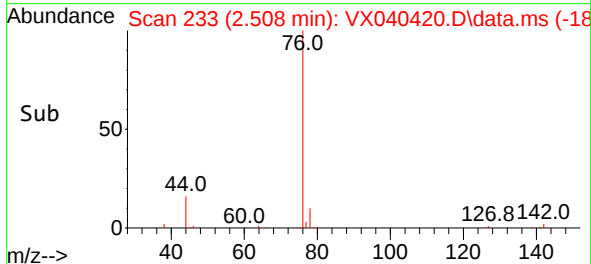
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 13938
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

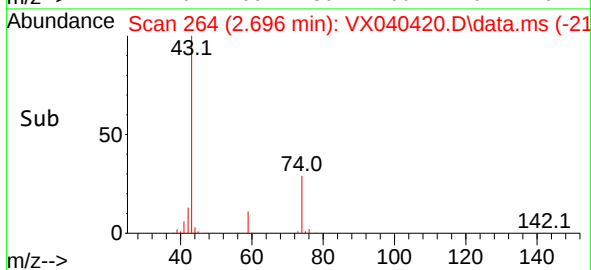
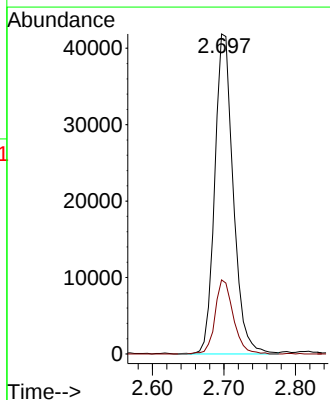
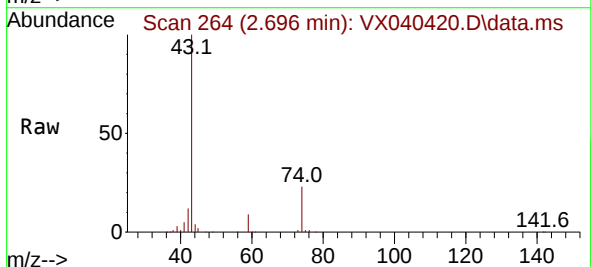
Manual Integrations
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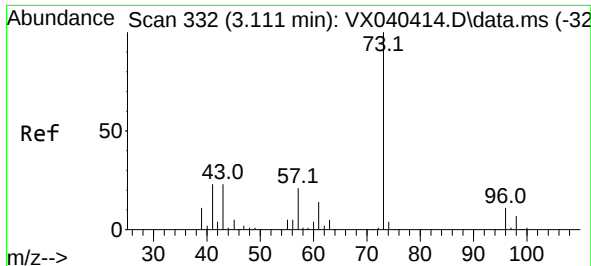
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#18
Methyl Acetate
Concen: 47.503 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

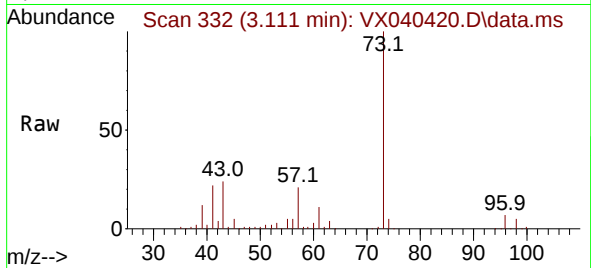
Tgt Ion: 43 Resp: 75363
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 48.774 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

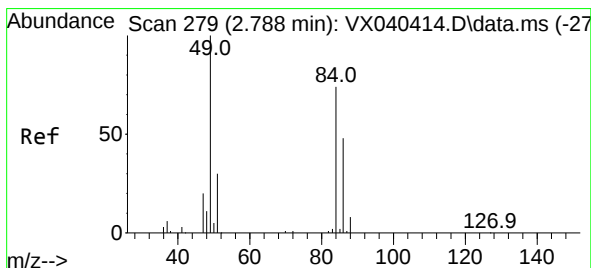
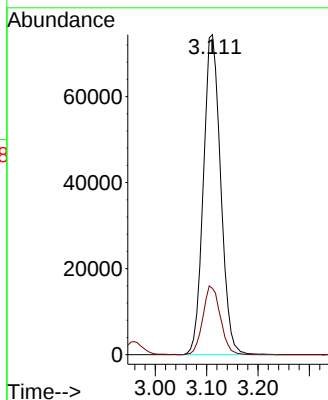
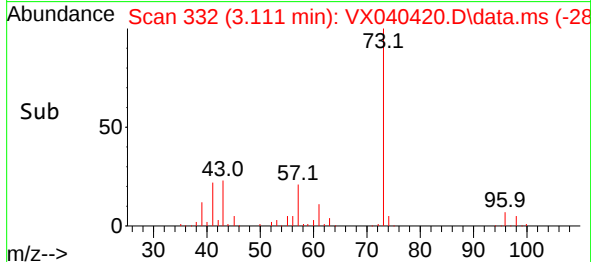
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 17346
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

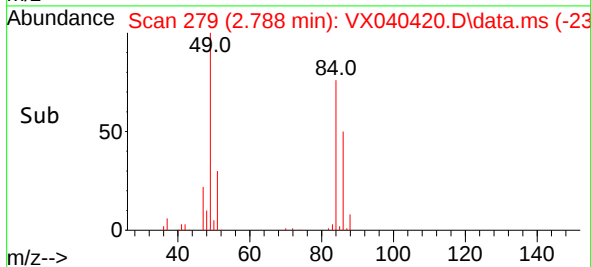
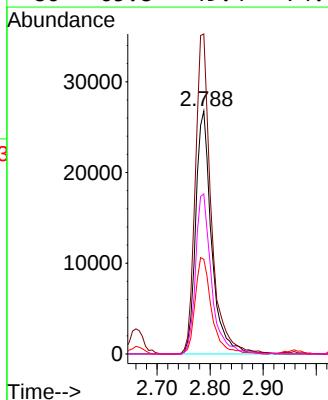
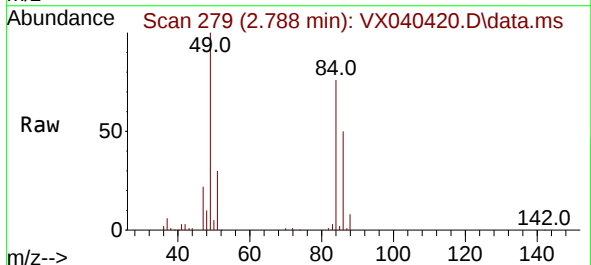
Manual Integrations
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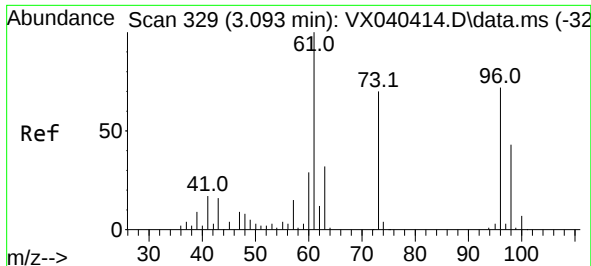
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#20
Methylene Chloride
Concen: 43.398 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

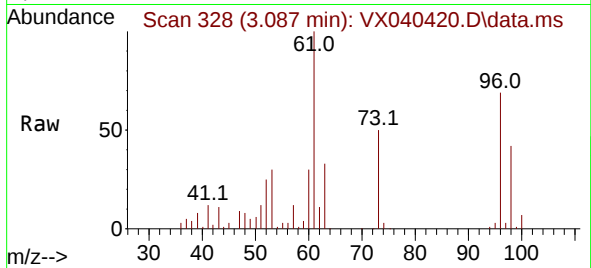
Tgt Ion: 84 Resp: 55655
Ion Ratio Lower Upper
84 100
49 131.7 103.6 155.4
51 39.0 33.8 50.6
86 65.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.773 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

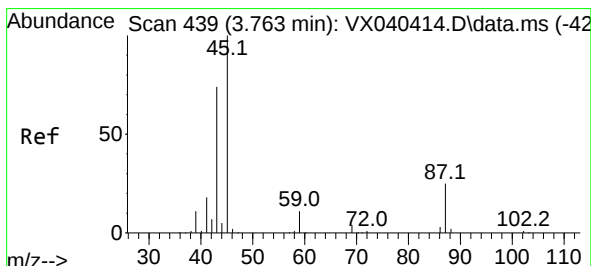
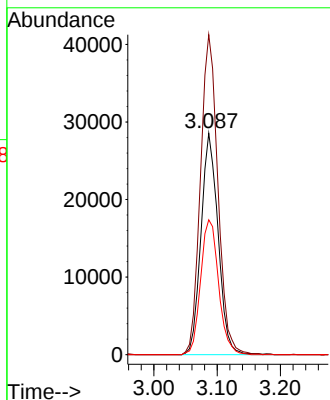
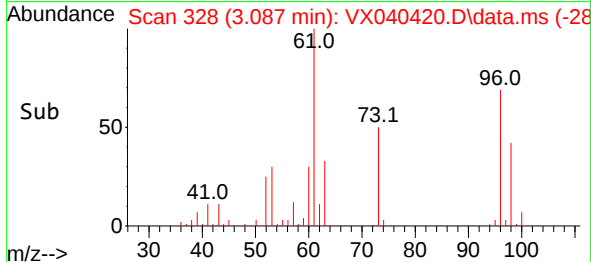
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



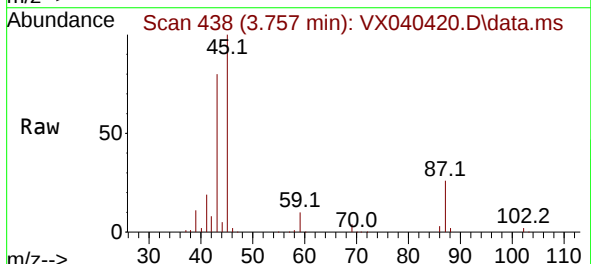
Tgt Ion: 96 Resp: 53768
Ion Ratio Lower Upper
96 100
61 144.5 119.2 178.8
98 60.9 48.7 73.1

Manual Integrations
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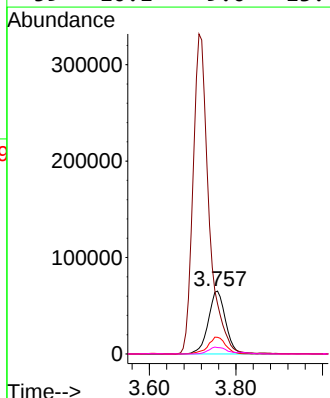
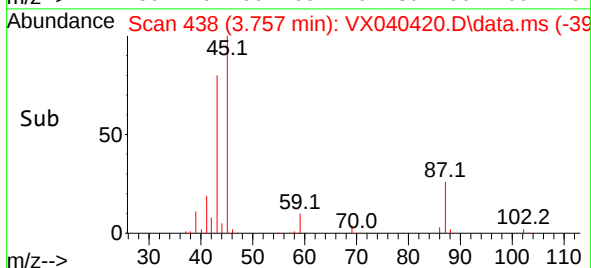
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

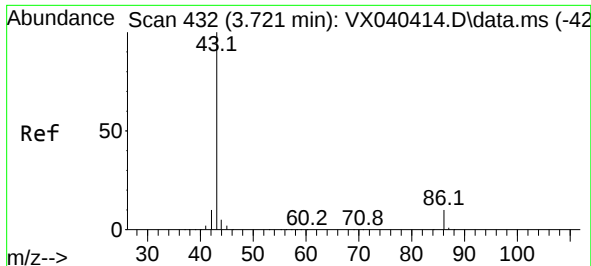


#22
Diisopropyl ether
Concen: 49.529 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42



Tgt Ion: 45 Resp: 180350
Ion Ratio Lower Upper
45 100
43 79.2 69.7 104.5
87 26.5 20.8 31.2
59 10.1 9.0 13.4





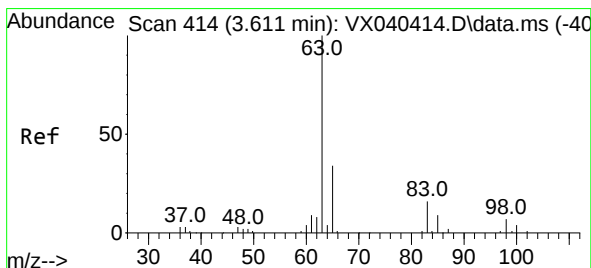
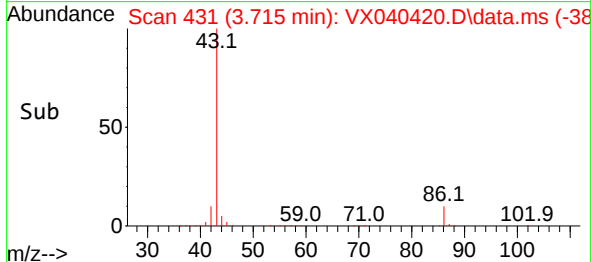
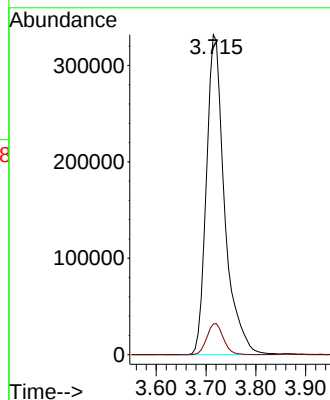
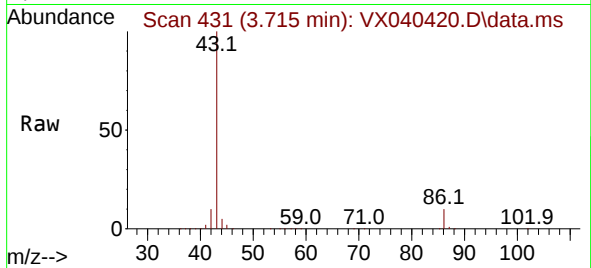
#23
 Vinyl Acetate
 Concen: 253.474 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX040420.D
 Acq: 23 Feb 2024 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 842334
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

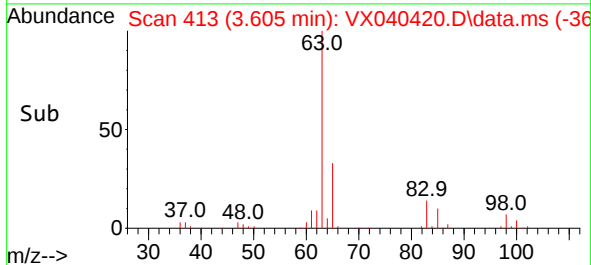
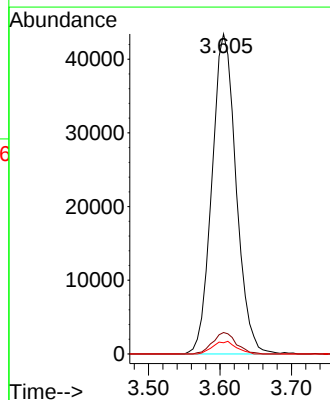
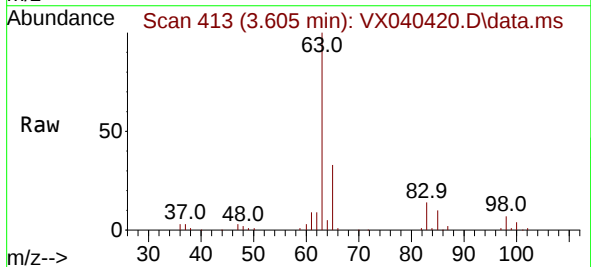
Manual Integrations
 APPROVED

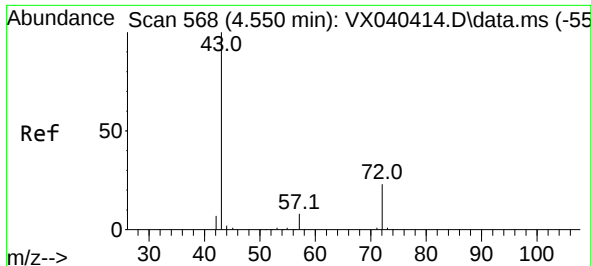
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#24
 1,1-Dichloroethane
 Concen: 48.473 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040420.D
 Acq: 23 Feb 2024 10:42

Tgt Ion: 63 Resp: 102069
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 3.5 2.1 6.5





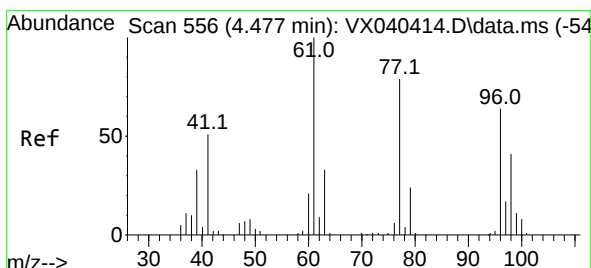
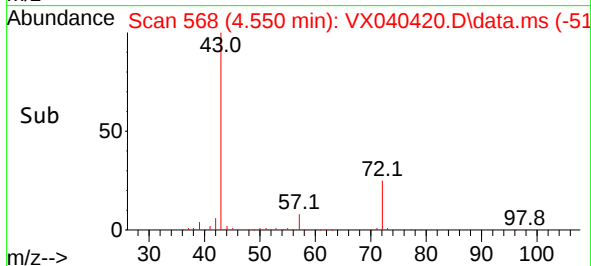
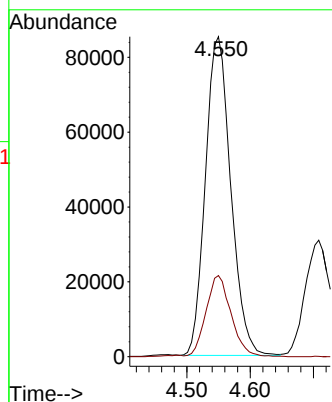
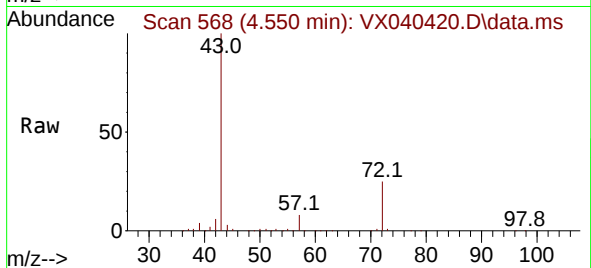
#25
2-Butanone
Concen: 249.058 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 23782
Ion Ratio Lower Upper
43 100
72 25.3 19.4 29.2

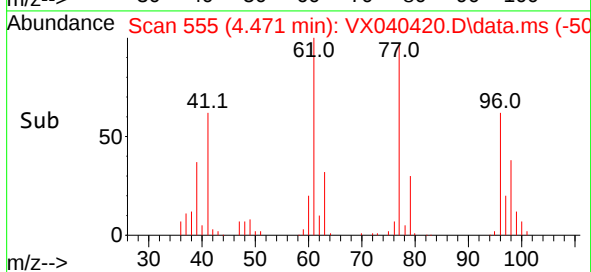
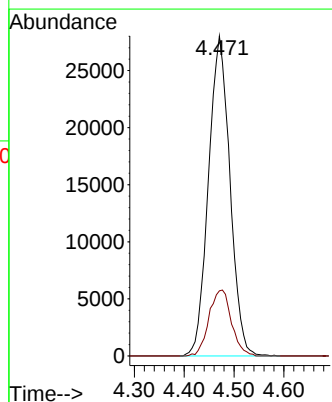
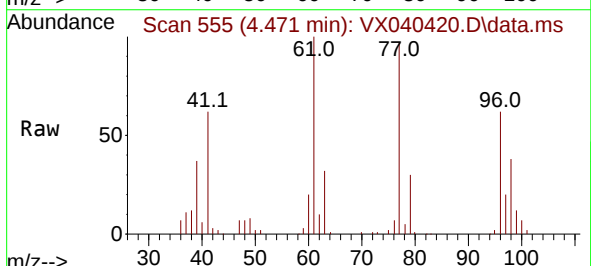
Manual Integrations
APPROVED

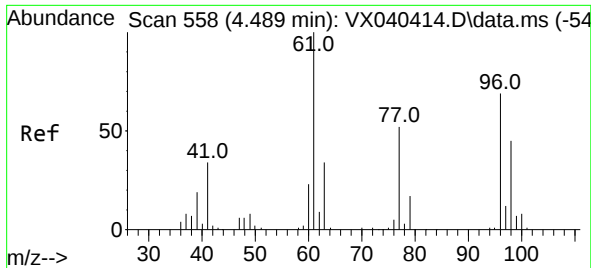
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#26
2,2-Dichloropropane
Concen: 60.994 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

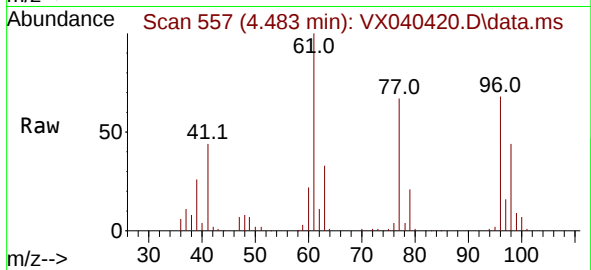
Tgt Ion: 77 Resp: 83829
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 49.743 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX040420.D
 Acq: 23 Feb 2024 10:42

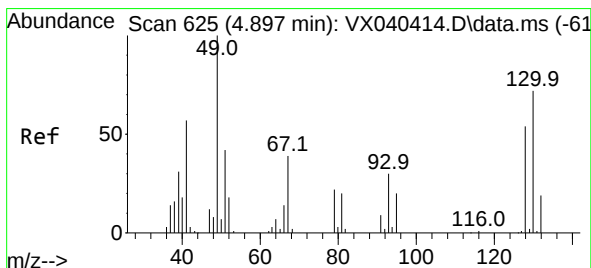
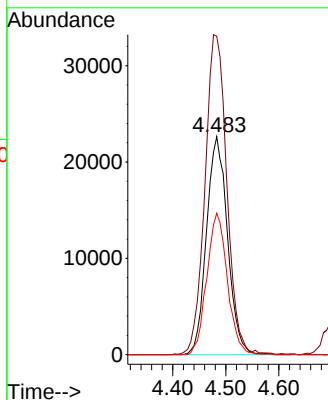
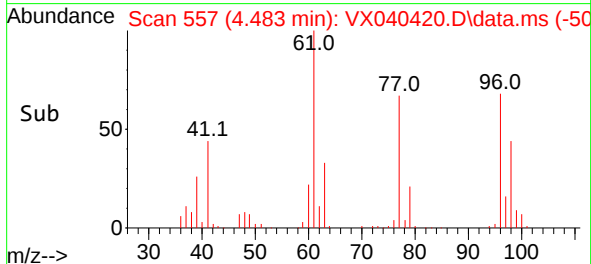
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 62389
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 312.2
 98 63.5 0.0 129.0

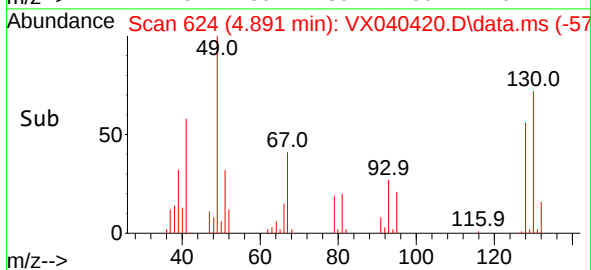
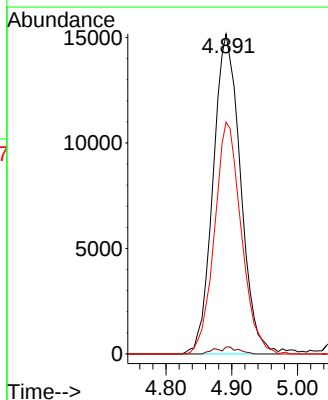
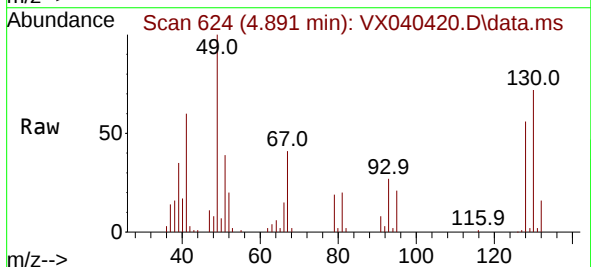
Manual Integrations
 APPROVED

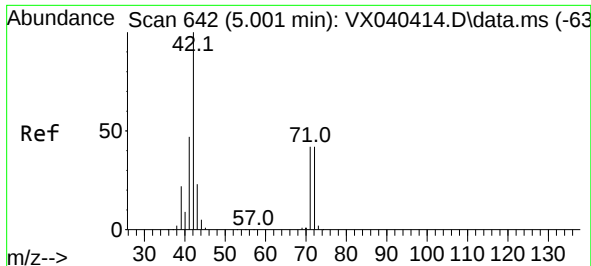
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#28
 Bromochloromethane
 Concen: 44.636 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX040420.D
 Acq: 23 Feb 2024 10:42

Tgt Ion: 49 Resp: 43838
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 71.1 57.5 86.3





#29

Tetrahydrofuran

Concen: 232.964 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14808

Ion Ratio Lower Upper

42 100

72 44.6 34.2 51.4

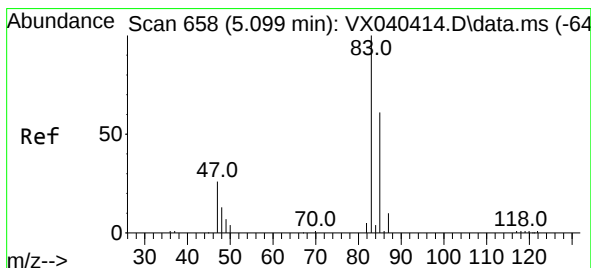
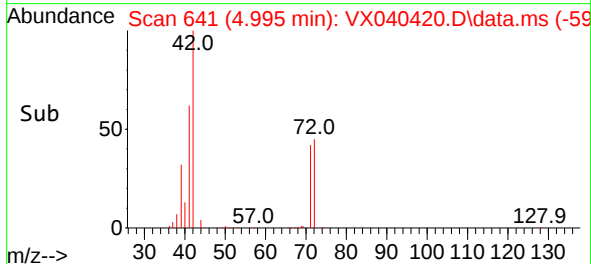
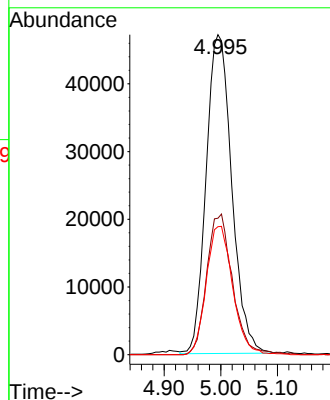
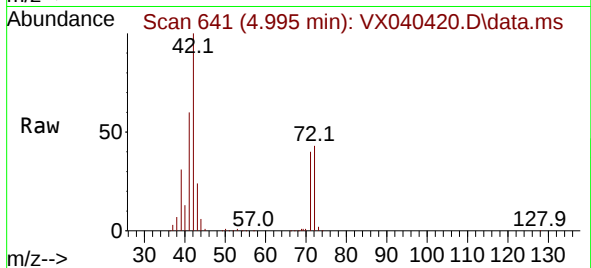
71 41.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#30

Chloroform

Concen: 47.862 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX040420.D

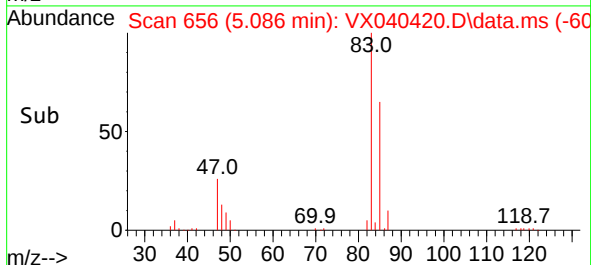
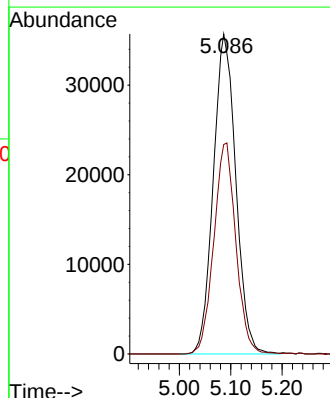
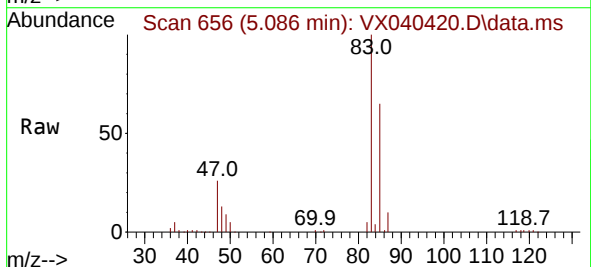
Acq: 23 Feb 2024 10:42

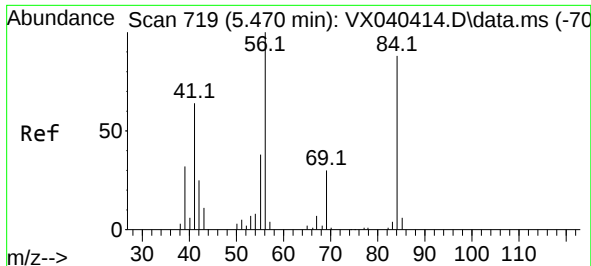
Tgt Ion: 83 Resp: 108621

Ion Ratio Lower Upper

83 100

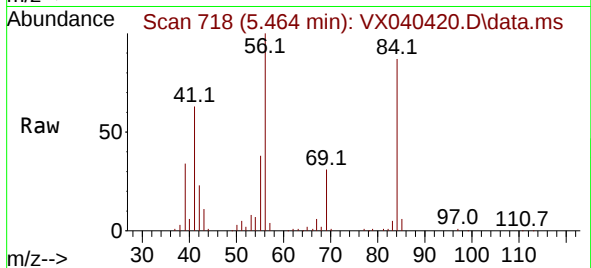
85 65.4 50.3 75.5





#31
Cyclohexane
Concen: 50.231 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

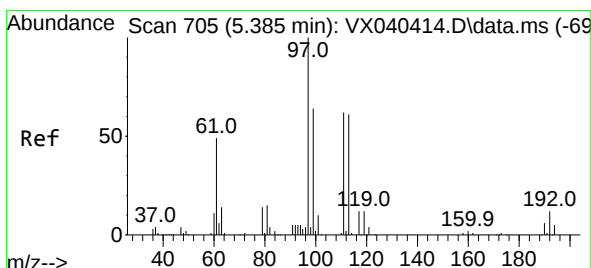
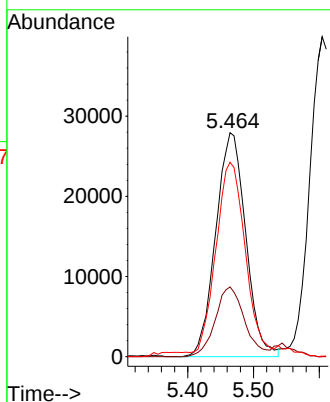
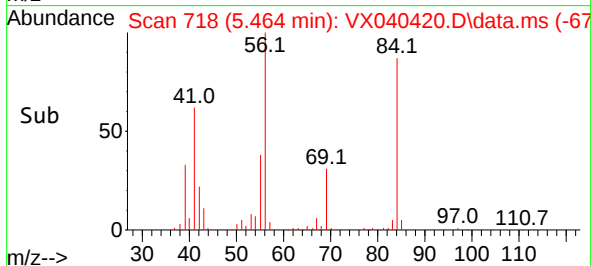
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8852
Ion Ratio Lower Upper
56 100
69 31.1 23.4 35.2
84 84.9 65.9 98.9

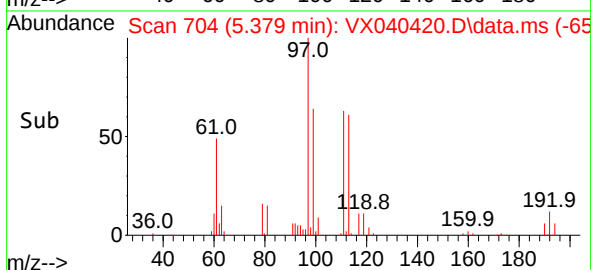
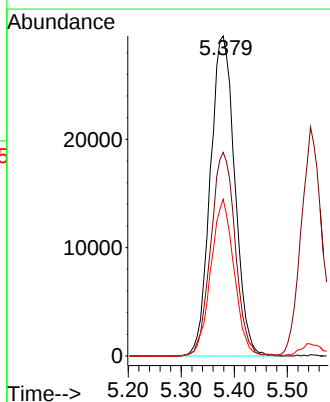
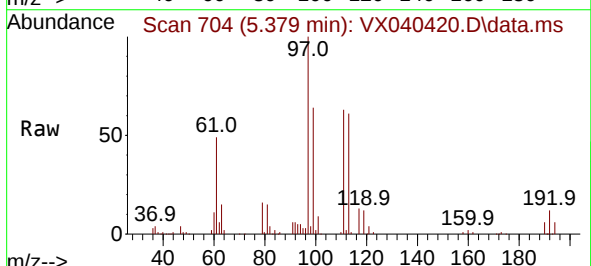
Manual Integrations
APPROVED

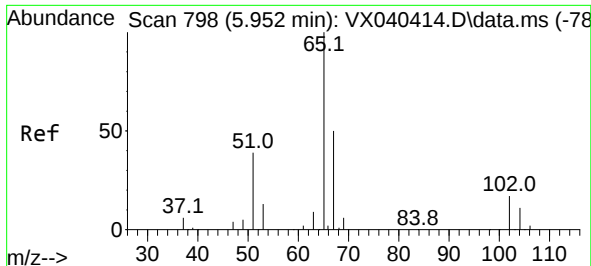
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#32
1,1,1-Trichloroethane
Concen: 50.356 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Tgt Ion: 97 Resp: 94609
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 46.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.093 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 75104

Ion Ratio Lower Upper

65 100

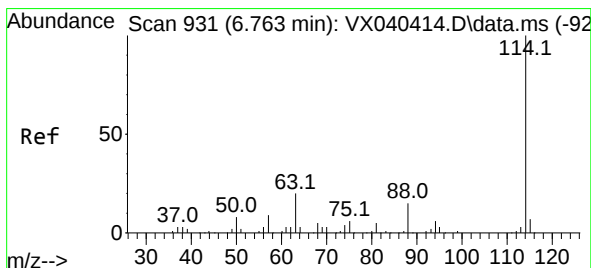
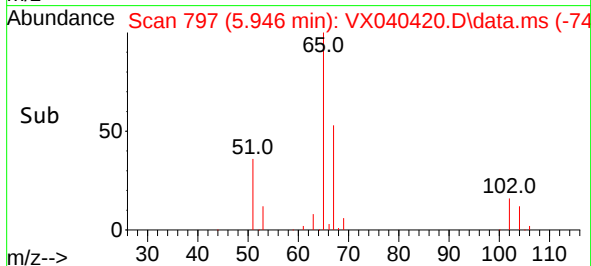
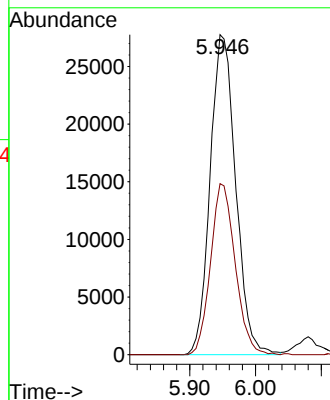
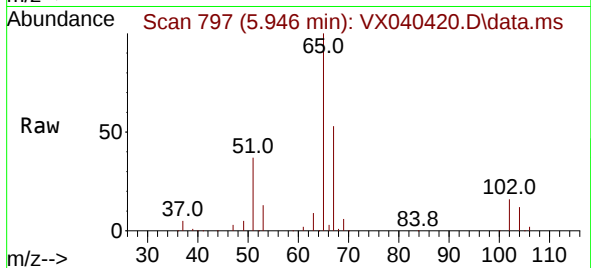
67 51.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

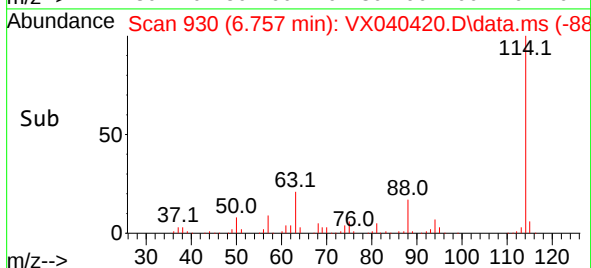
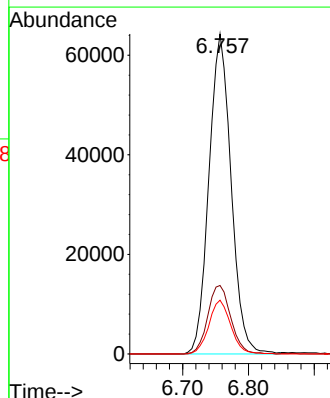
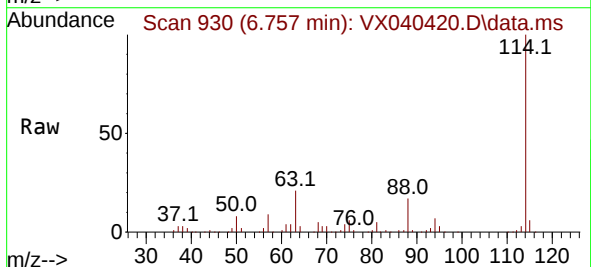
Tgt Ion:114 Resp: 150834

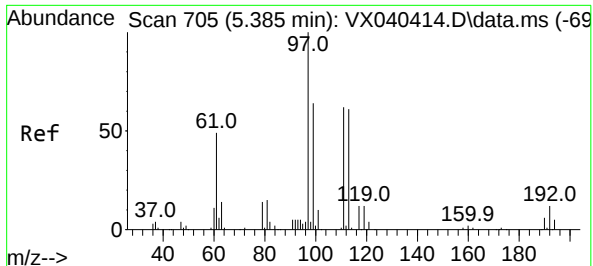
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.598 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 54479

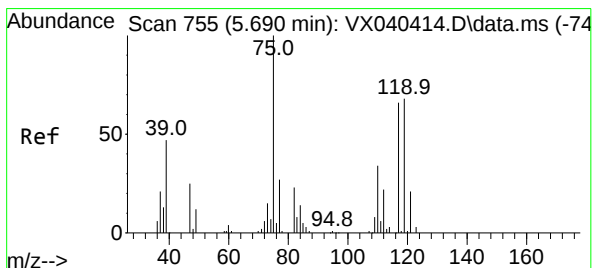
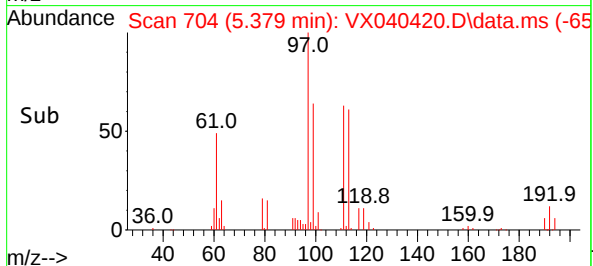
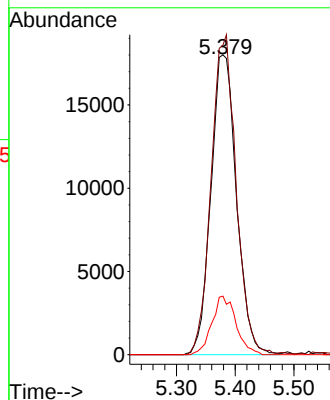
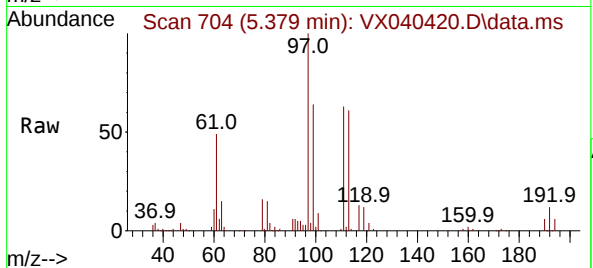
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#36

1,1-Dichloropropene

Concen: 51.747 ug/l

RT: 5.684 min Scan# 754

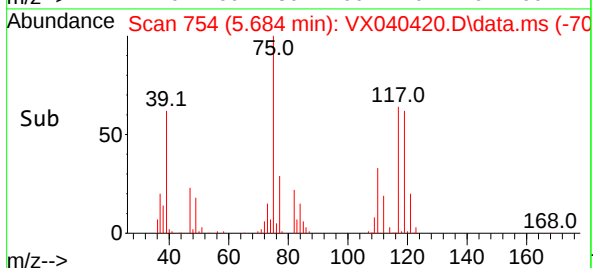
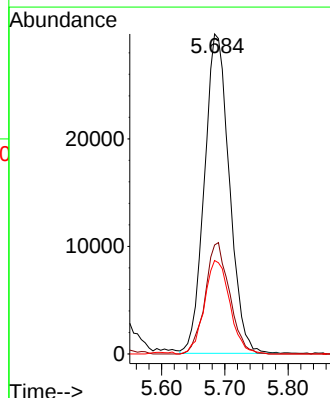
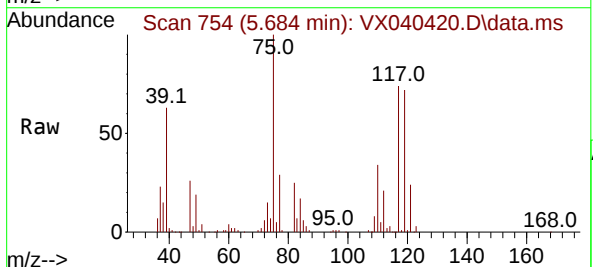
Delta R.T. -0.006 min

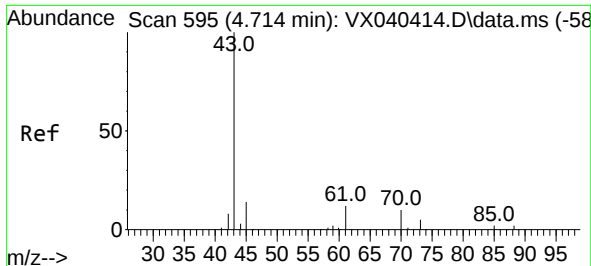
Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Tgt Ion: 75 Resp: 81400

Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.0	50.9
77	29.8	24.7	37.1





#37

Ethyl Acetate

Concen: 49.996 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 89854

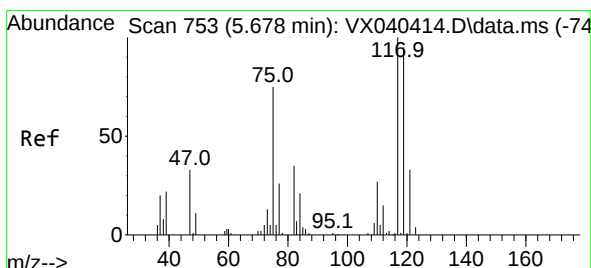
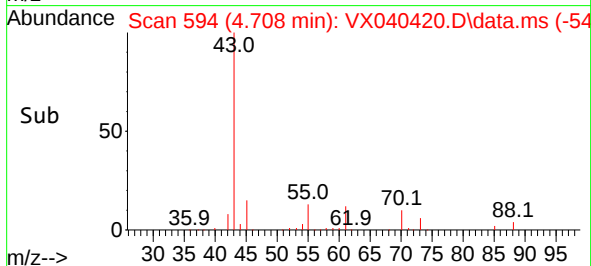
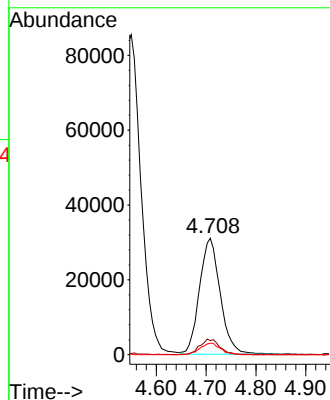
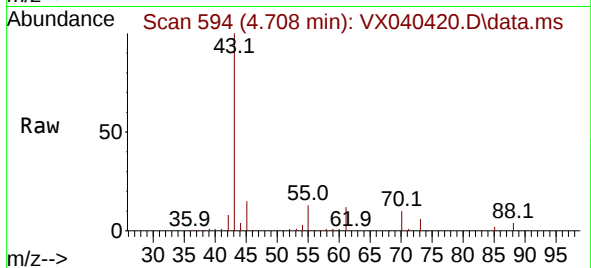
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.6	16.0
70	9.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#38

Carbon Tetrachloride

Concen: 54.340 ug/l

RT: 5.672 min Scan# 752

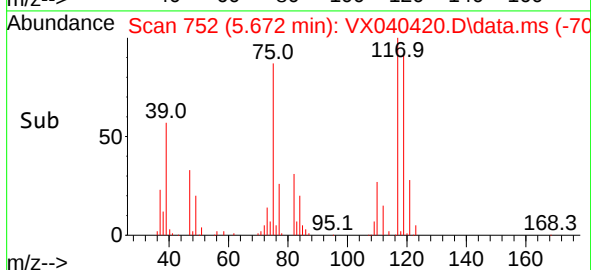
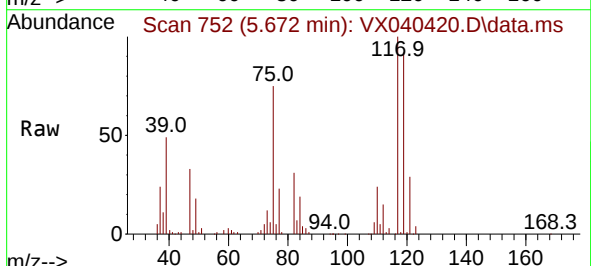
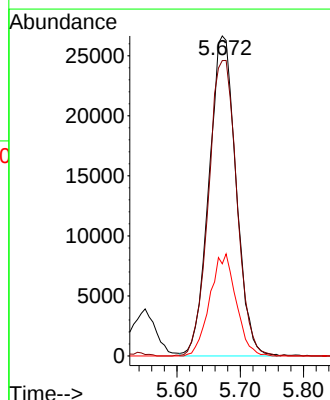
Delta R.T. -0.006 min

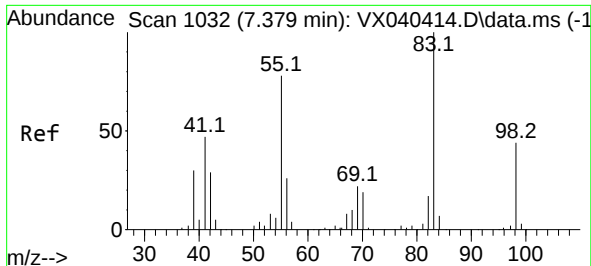
Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Tgt Ion:117 Resp: 79085

Ion	Ratio	Lower	Upper
117	100		
119	92.1	78.2	117.2
121	28.8	24.4	36.6





#39
Methylcyclohexane
Concen: 56.288 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

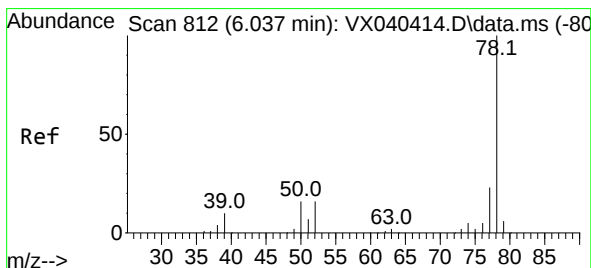
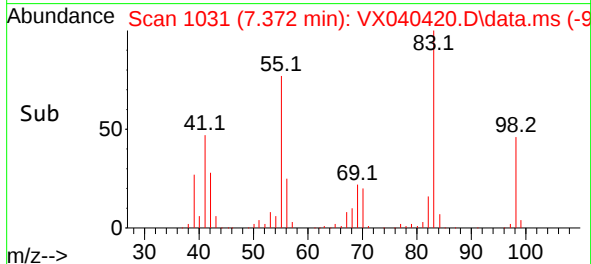
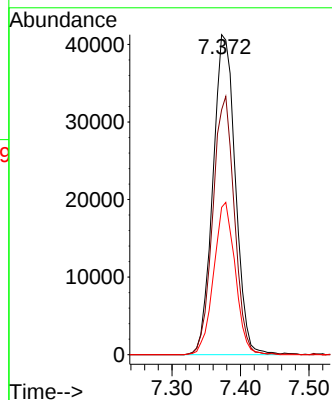
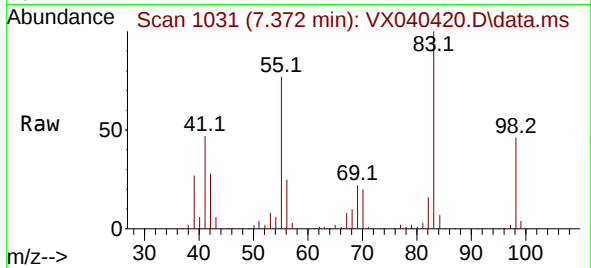
Tgt Ion: 83 Resp: 93839
Ion Ratio Lower Upper
83 100
55 76.6 64.6 97.0
98 46.1 36.7 55.1

Manual Integrations

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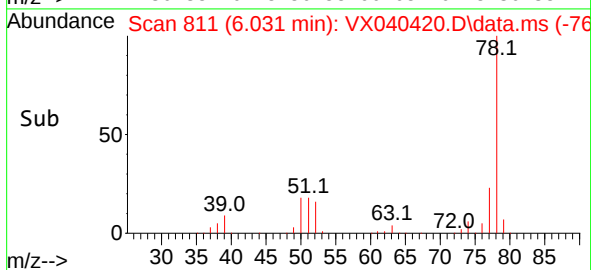
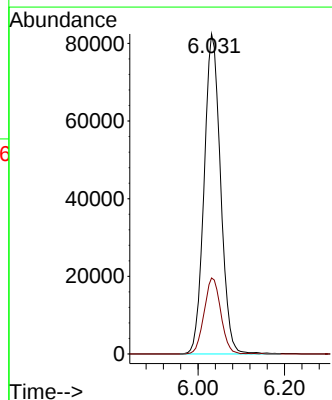
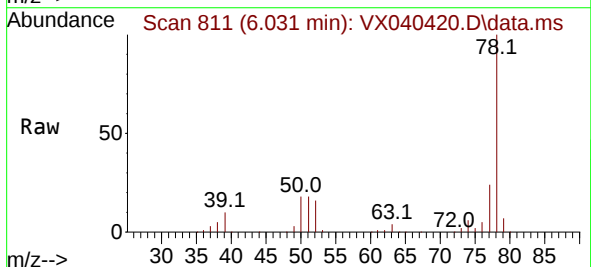
Reviewed By :John Carlone 02/26/2024

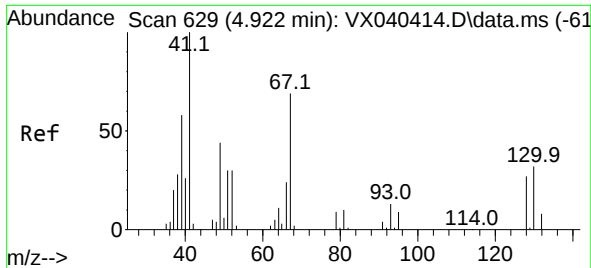
Supervised By :Mahesh Dadoda 02/26/2024



#40
Benzene
Concen: 50.802 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

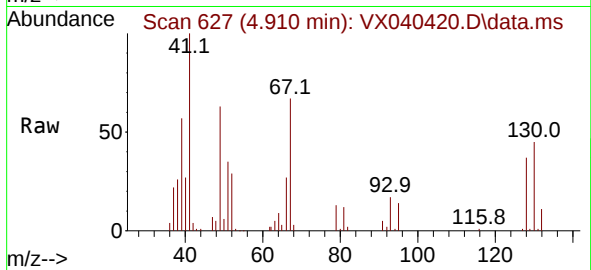
Tgt Ion: 78 Resp: 217403
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 50.967 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

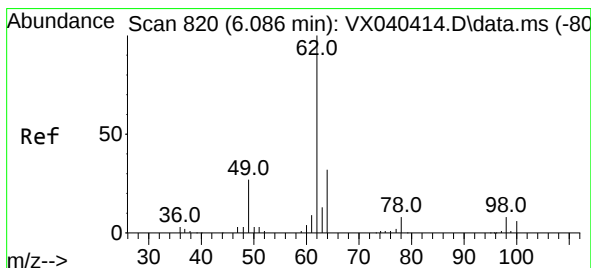
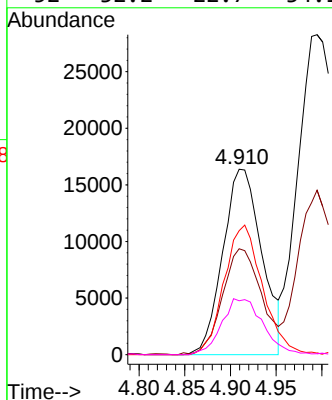
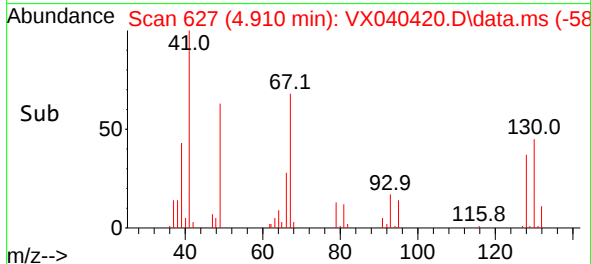
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 48639
Ion Ratio Lower Upper
41 100
39 57.3 45.2 67.8
67 68.9 52.6 78.8
52 32.2 22.7 34.1

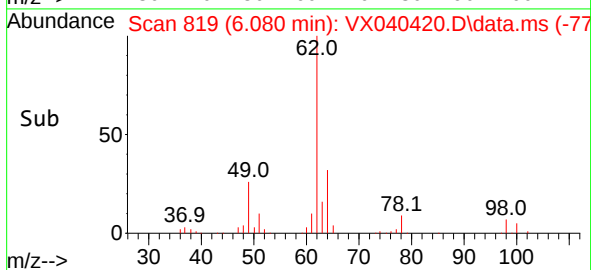
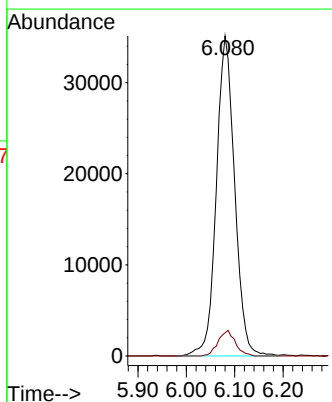
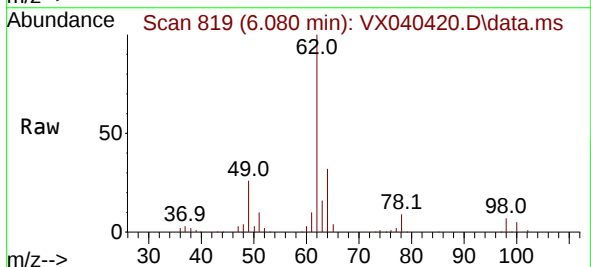
Manual Integrations
APPROVED

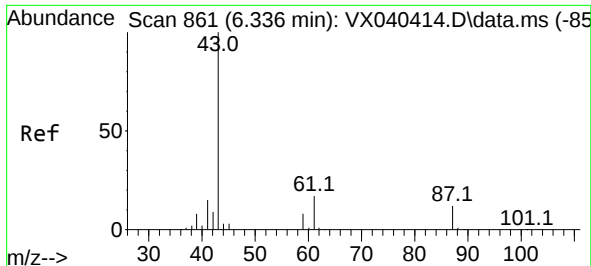
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#42
1,2-Dichloroethane
Concen: 51.906 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

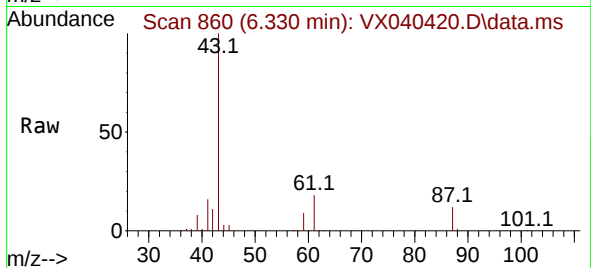
Tgt Ion: 62 Resp: 92314
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.279 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

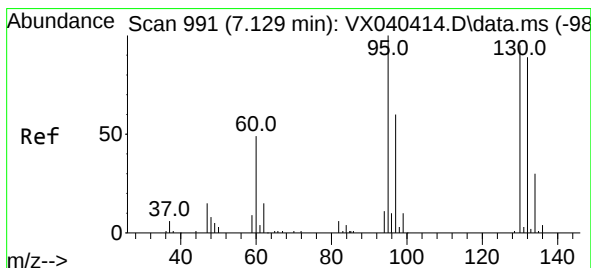
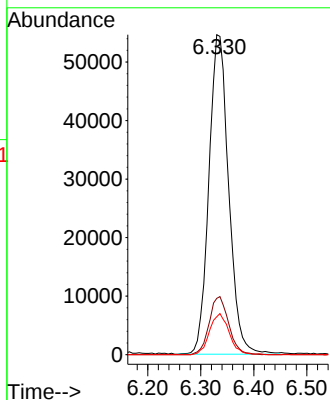
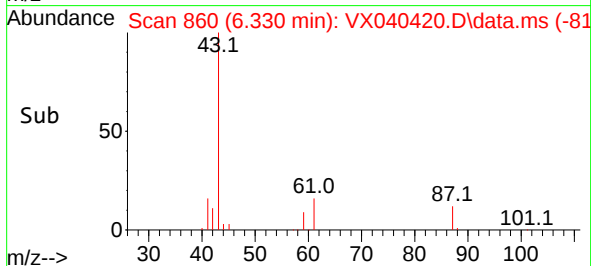
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



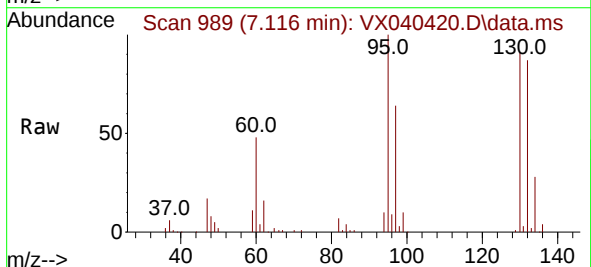
Tgt Ion: 43 Resp: 141410
Ion Ratio Lower Upper
43 100
61 17.9 15.2 22.8
87 12.7 9.8 14.6

Manual Integrations
APPROVED

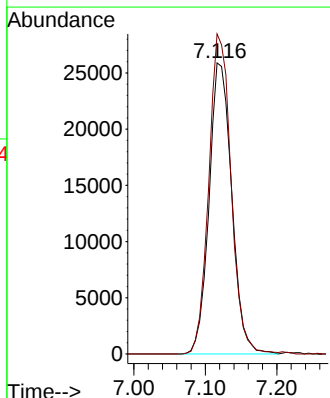
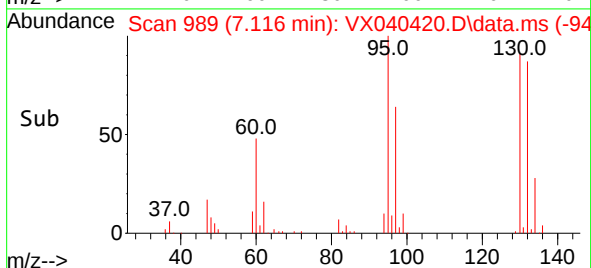
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

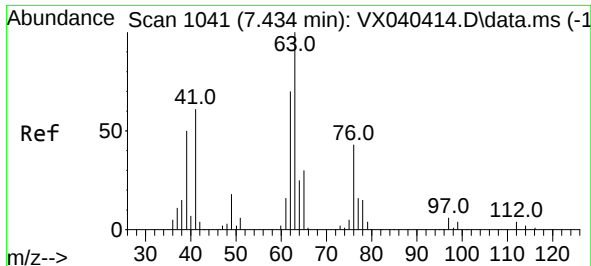


#44
Trichloroethene
Concen: 50.980 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.012 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42



Tgt Ion:130 Resp: 57058
Ion Ratio Lower Upper
130 100
95 109.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.321 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5861

Ion Ratio Lower Upper

63 100

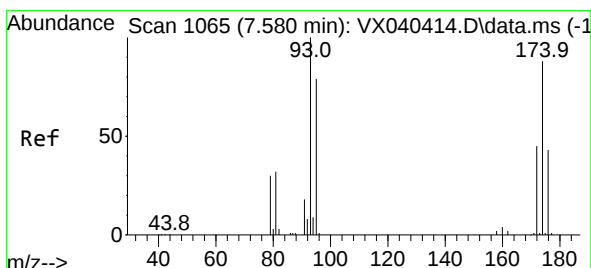
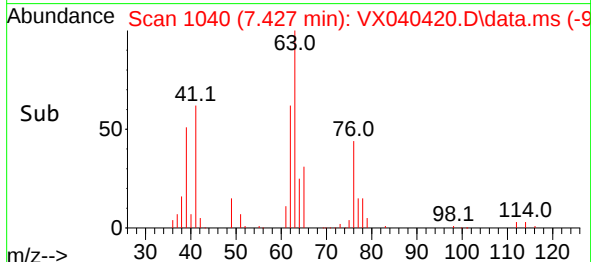
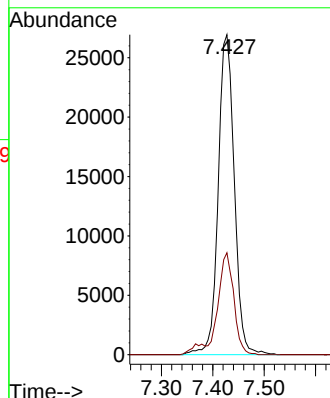
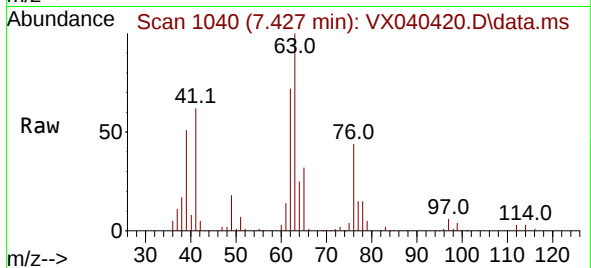
65 31.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#46

Dibromomethane

Concen: 50.507 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

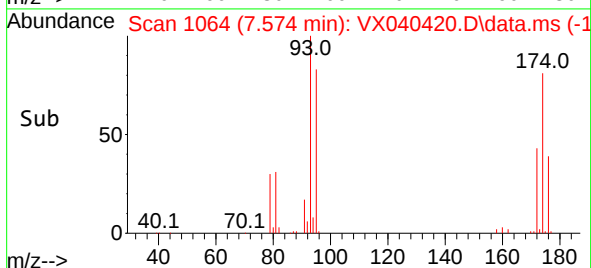
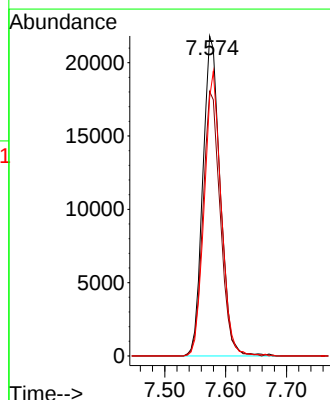
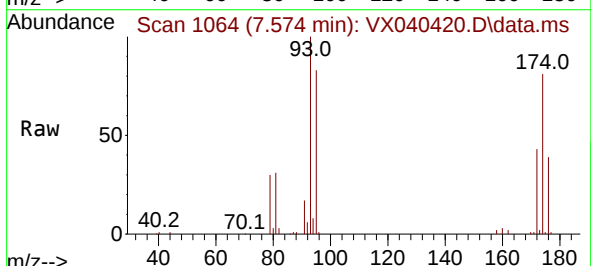
Tgt Ion: 93 Resp: 43276

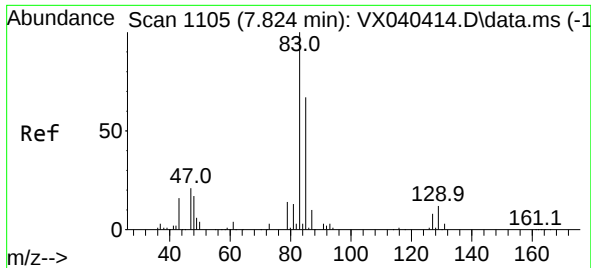
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 86.0 69.4 104.0





#47
Bromodichloromethane
Concen: 52.558 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

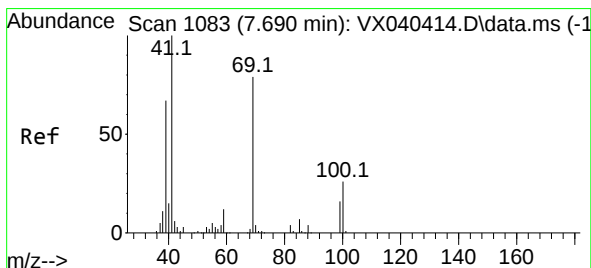
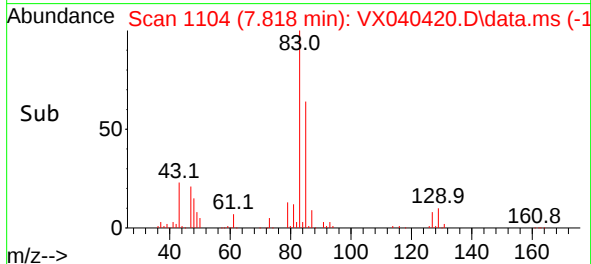
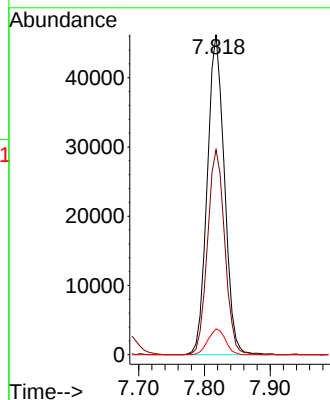
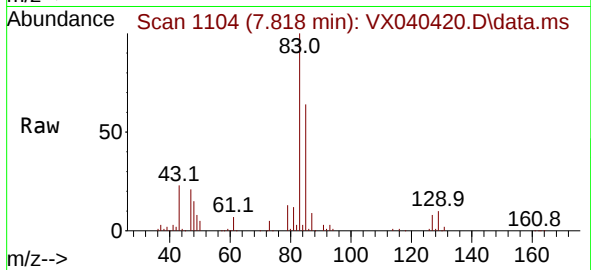
Tgt Ion: 83 Resp: 8381
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 8.0 7.1 10.7

Manual Integrations

APPROVED

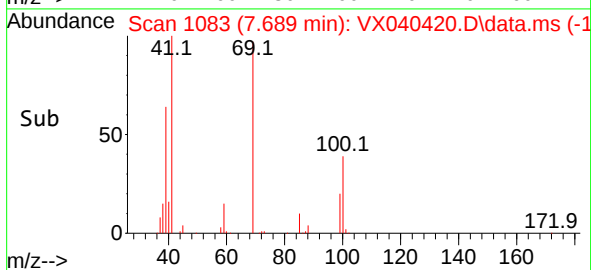
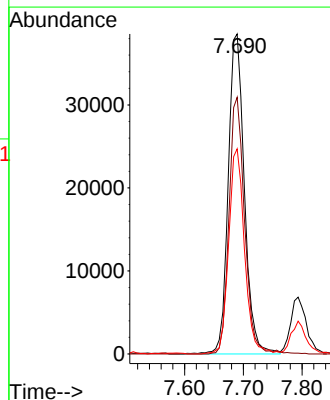
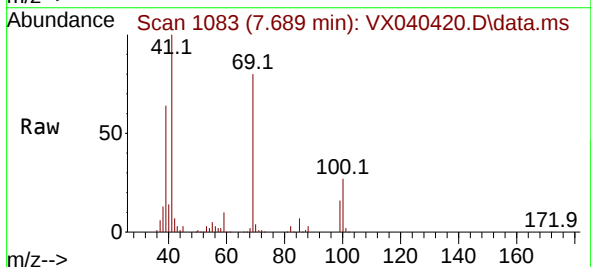
Reviewed By :John Carlone 02/26/2024

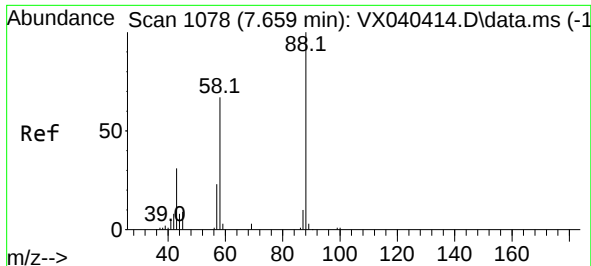
Supervised By :Mahesh Dadoda 02/26/2024



#48
Methyl methacrylate
Concen: 53.940 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Tgt Ion: 41 Resp: 73665
Ion Ratio Lower Upper
41 100
69 76.9 59.2 88.8
39 63.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1088.666 ug/l

RT: 7.653 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

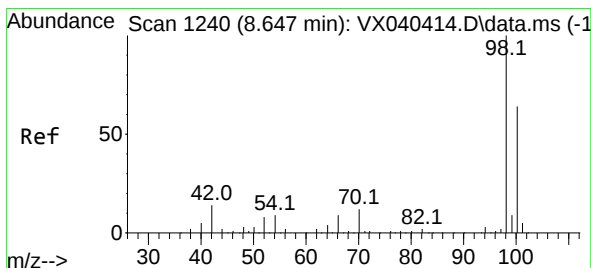
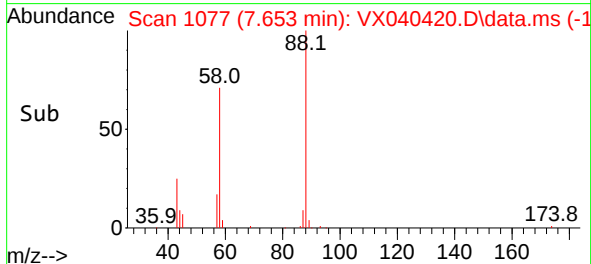
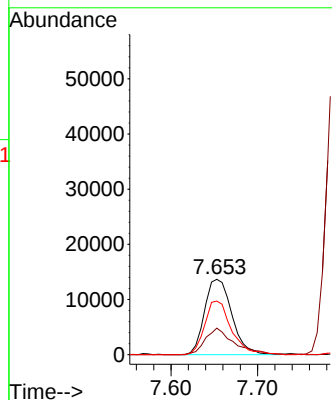
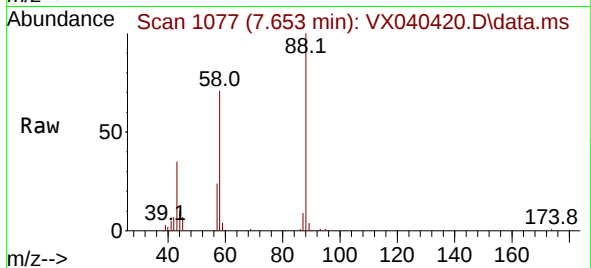
Tgt Ion: 88 Resp: 29968
 Ion Ratio Lower Upper
 88 100
 43 37.0 0.0 0.0
 58 69.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#50

Toluene-d8

Concen: 54.466 ug/l

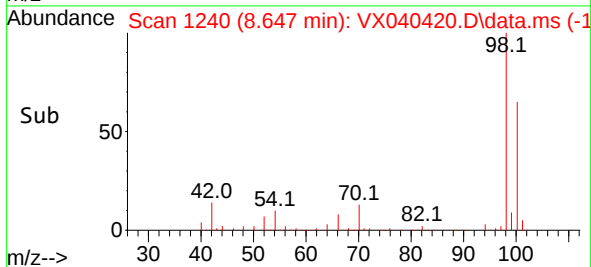
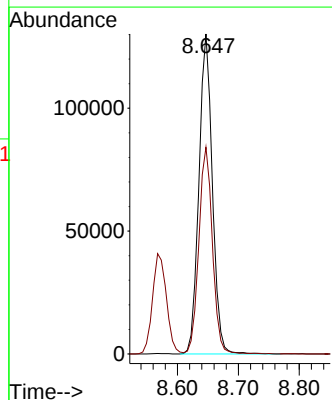
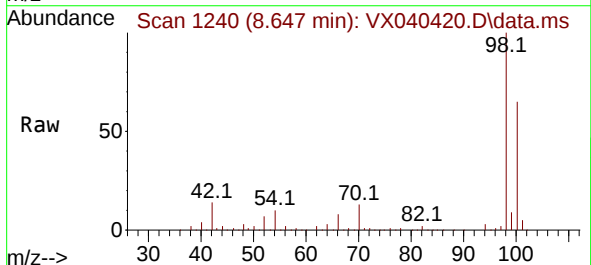
RT: 8.647 min Scan# 1240

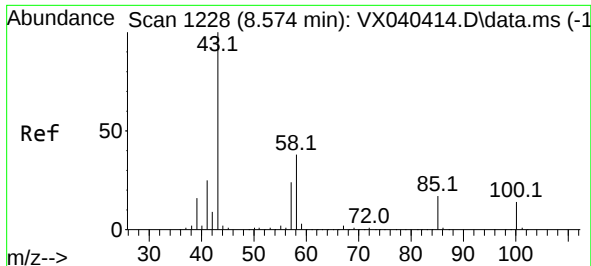
Delta R.T. -0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Tgt Ion: 98 Resp: 199972
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.1 79.7





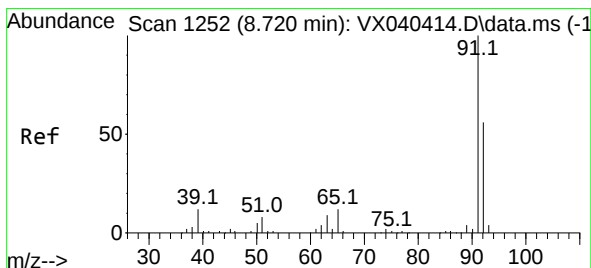
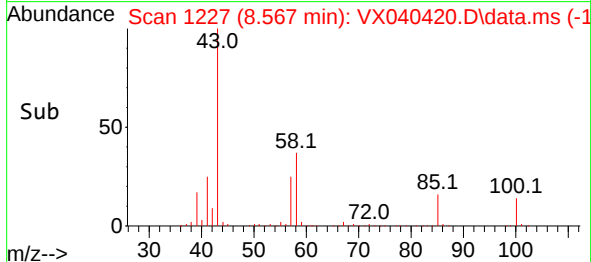
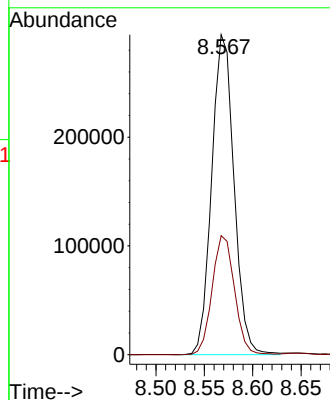
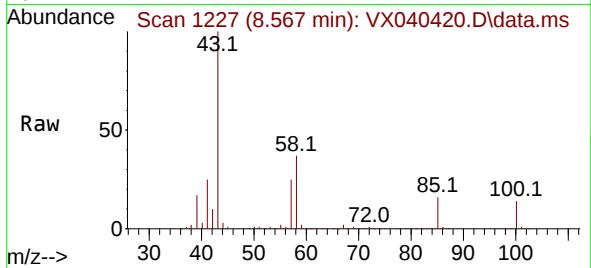
#51
4-Methyl-2-Pentanone
Concen: 252.034 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 47204
Ion Ratio Lower Upper
43 100
58 37.2 30.4 45.6

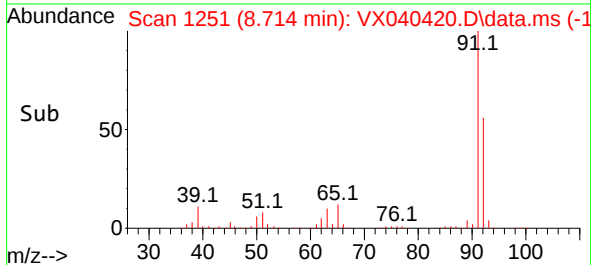
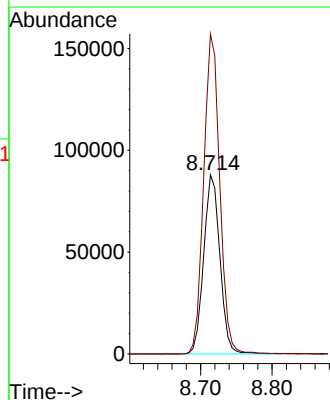
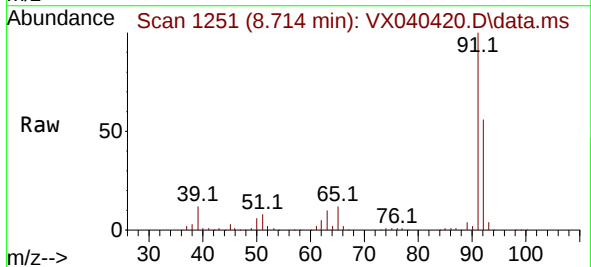
Manual Integrations
APPROVED

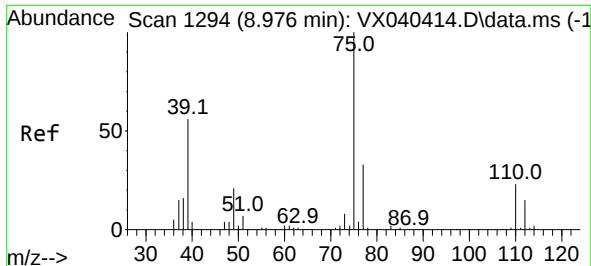
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#52
Toluene
Concen: 52.836 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Tgt Ion: 92 Resp: 138563
Ion Ratio Lower Upper
92 100
91 177.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 56.146 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 9026

Ion Ratio Lower Upper

75 100

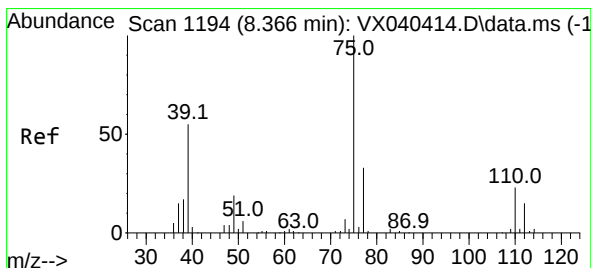
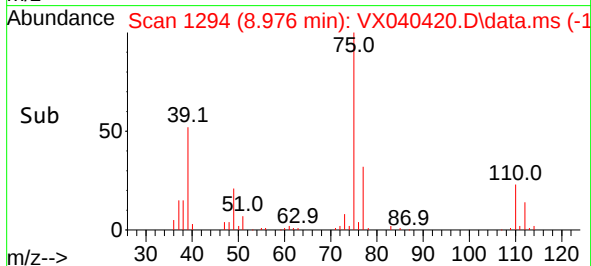
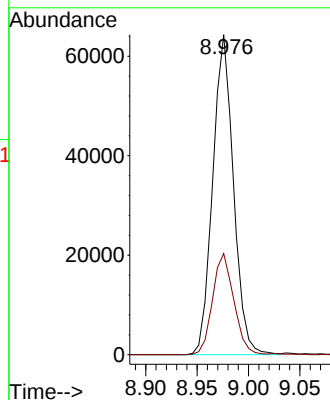
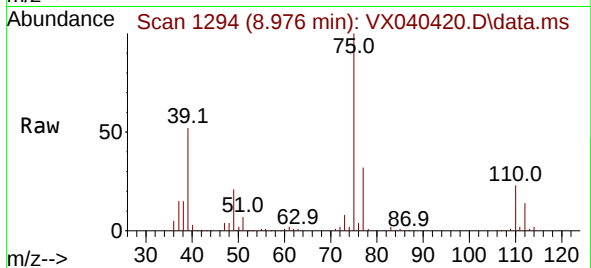
77 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#54

cis-1,3-Dichloropropene

Concen: 54.466 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

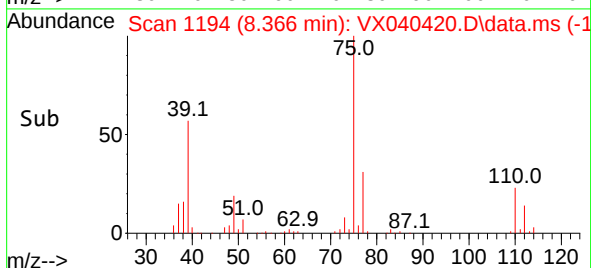
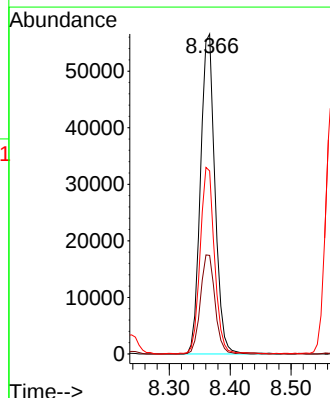
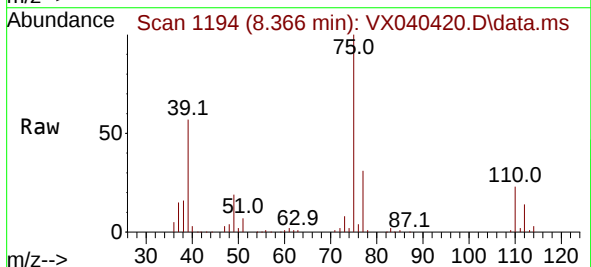
Tgt Ion: 75 Resp: 93280

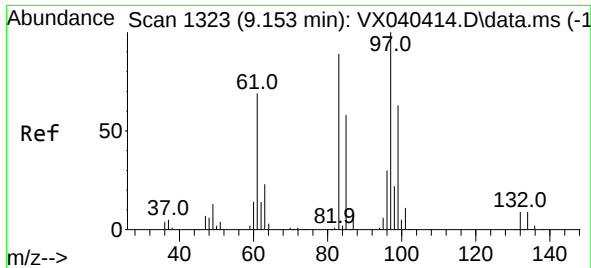
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

39 57.1 46.7 70.1





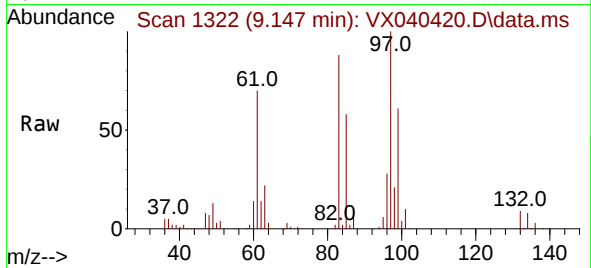
#55
1,1,2-Trichloroethane
Concen: 50.641 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



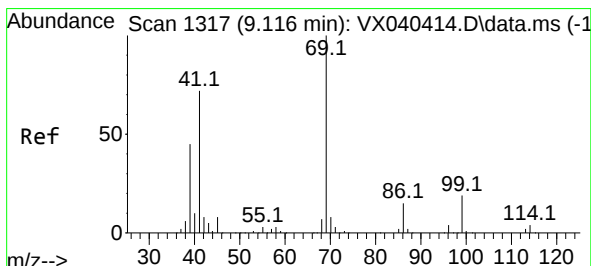
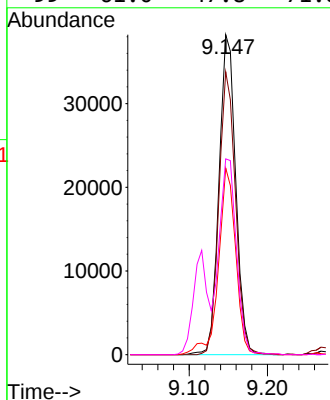
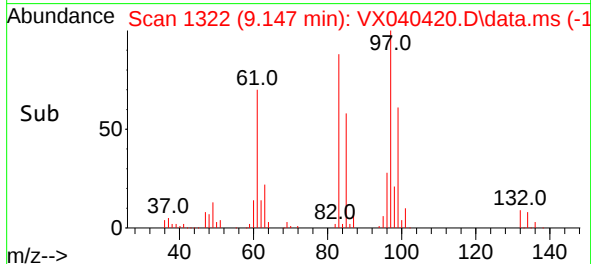
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.8	98.8
85	58.3	41.6	62.4
99	61.0	47.8	71.8

Manual Integrations

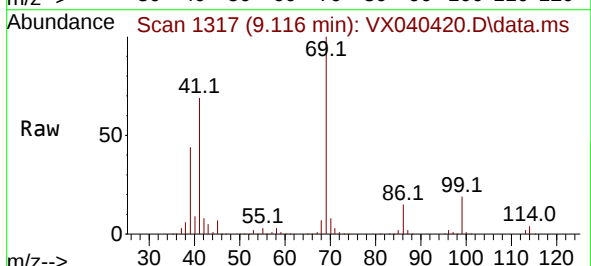
APPROVED

Reviewed By :John Carlone 02/26/2024

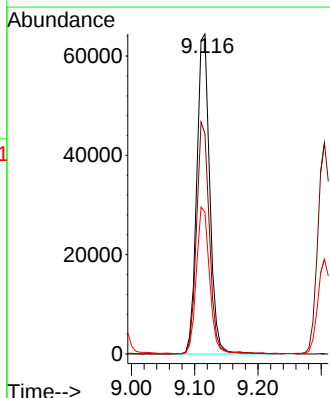
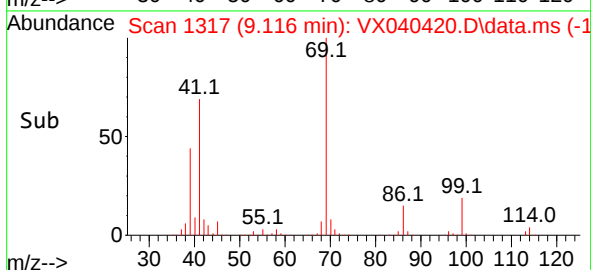
Supervised By :Mahesh Dadoda 02/26/2024

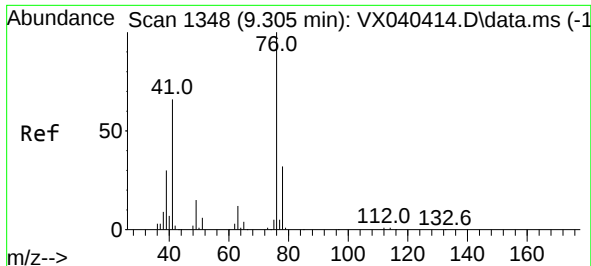


#56
Ethyl methacrylate
Concen: 53.852 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.8	85.2
39	46.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.407 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 98600

Ion Ratio Lower Upper

76 100

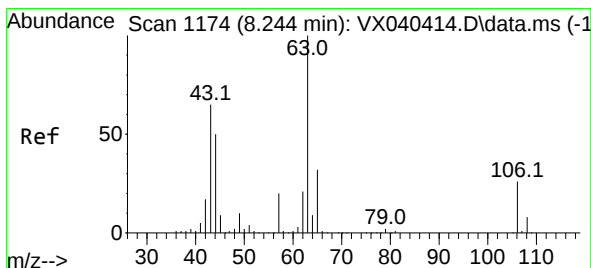
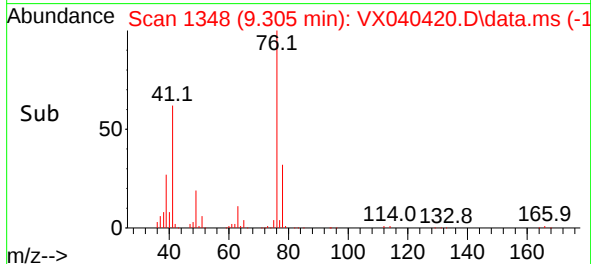
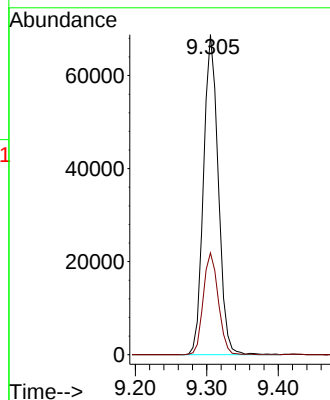
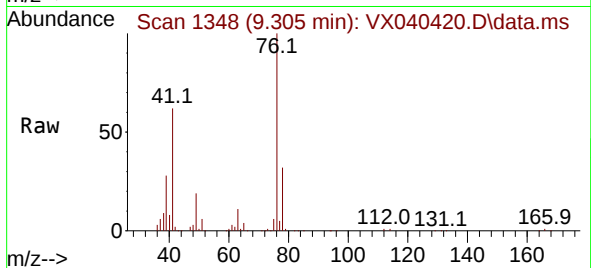
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 262.647 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040420.D

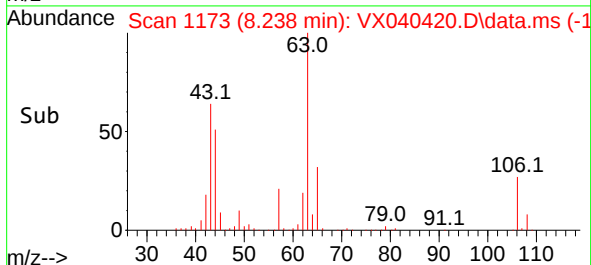
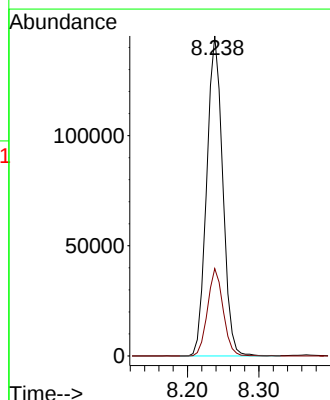
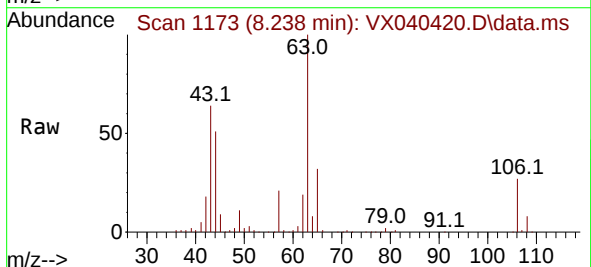
Acq: 23 Feb 2024 10:42

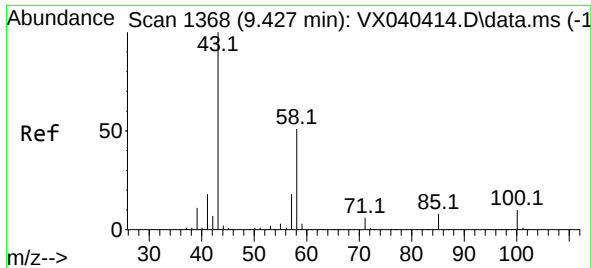
Tgt Ion: 63 Resp: 225960

Ion Ratio Lower Upper

63 100

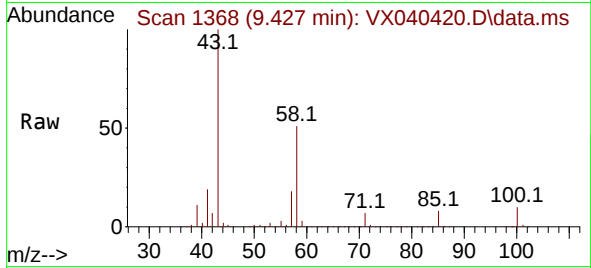
106 26.5 22.5 33.7





#59
2-Hexanone
Concen: 265.393 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

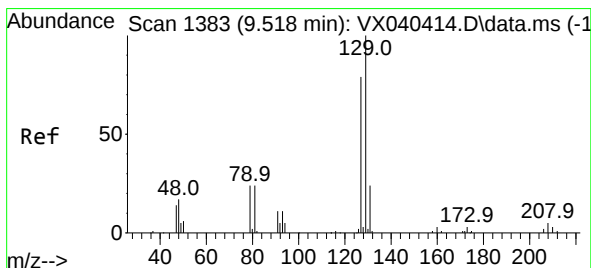
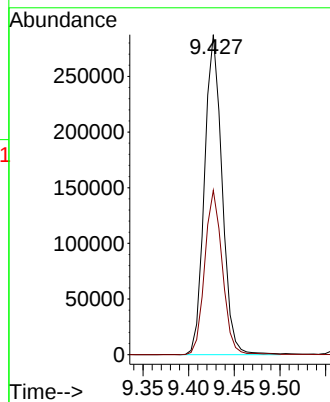
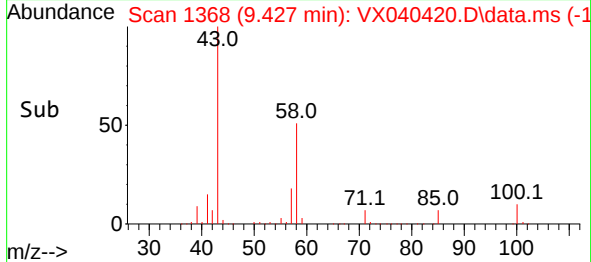
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 383359
Ion Ratio Lower Upper
43 100
58 51.6 26.2 78.5

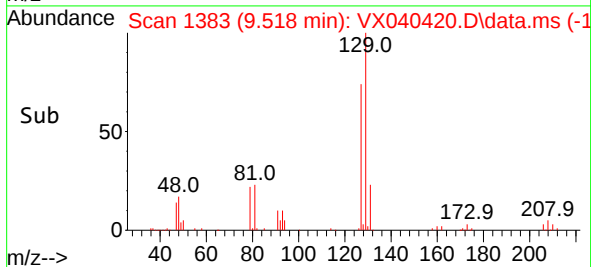
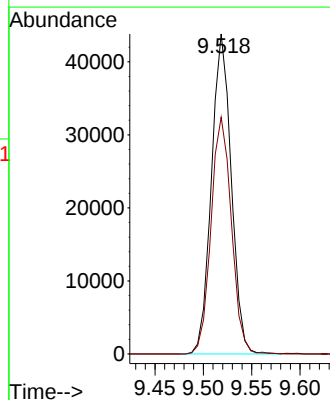
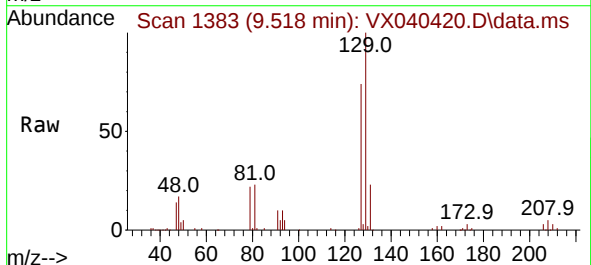
Manual Integrations
APPROVED

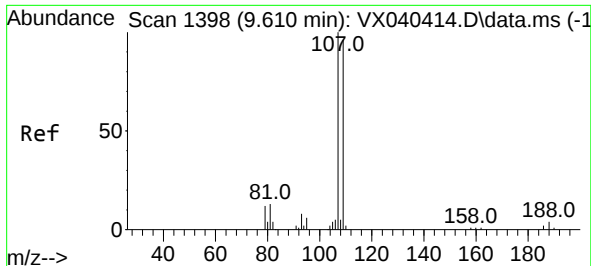
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#60
Dibromochloromethane
Concen: 55.394 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Tgt Ion:129 Resp: 62373
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.873 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

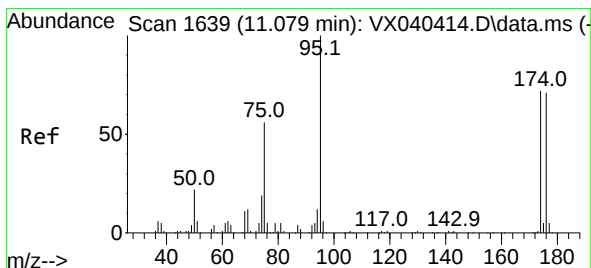
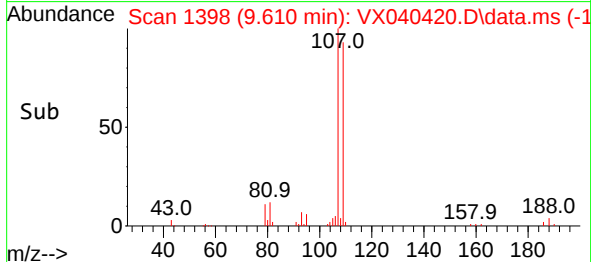
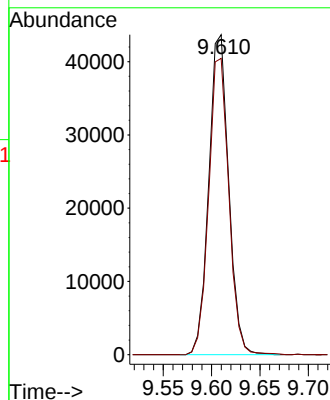
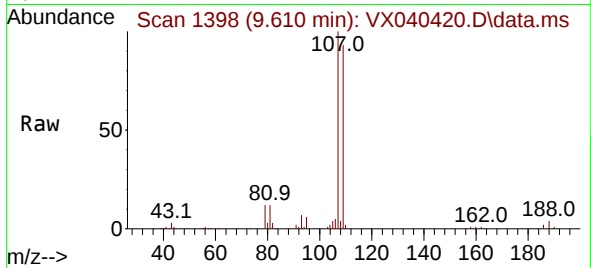
Tgt Ion:107 Resp: 6260
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

Manual Integrations

APPROVED

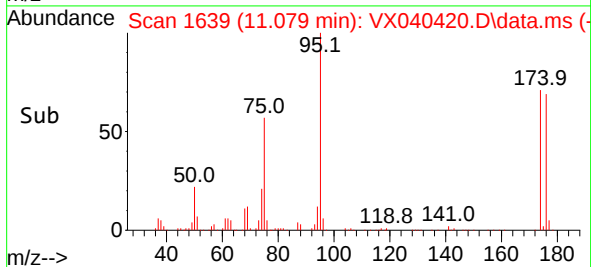
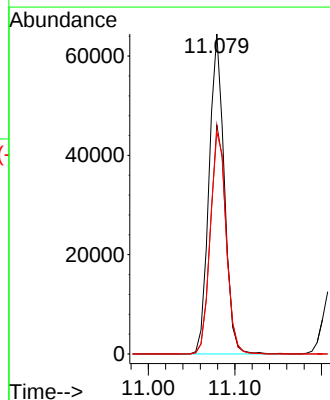
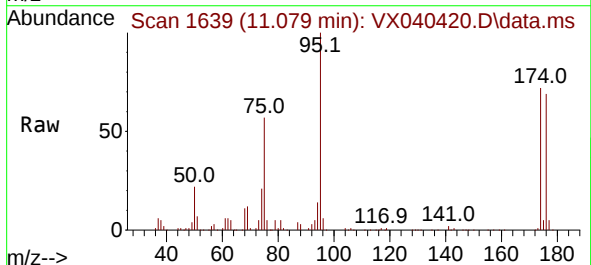
Reviewed By :John Carlone 02/26/2024

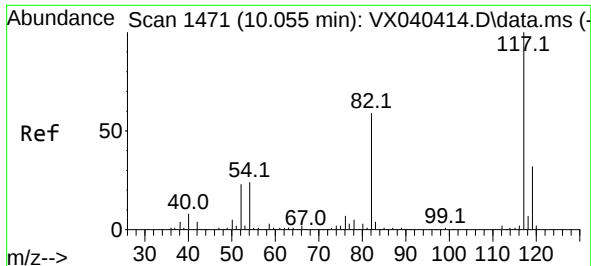
Supervised By :Mahesh Dadoda 02/26/2024



#62
4-Bromofluorobenzene
Concen: 53.333 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

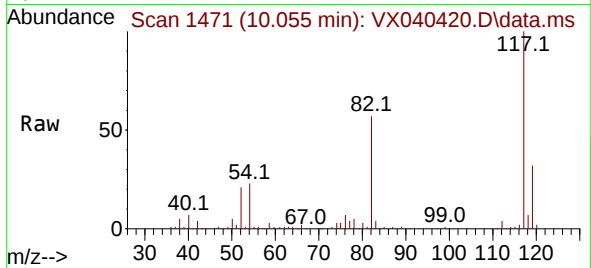
Tgt Ion: 95 Resp: 78465
Ion Ratio Lower Upper
95 100
174 73.0 0.0 135.6
176 72.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

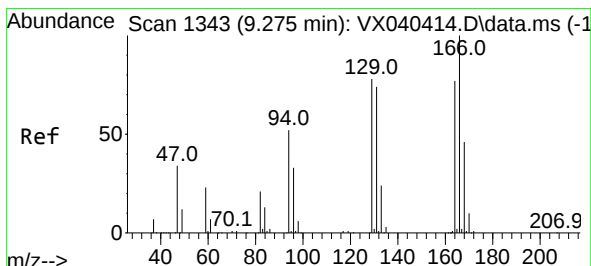
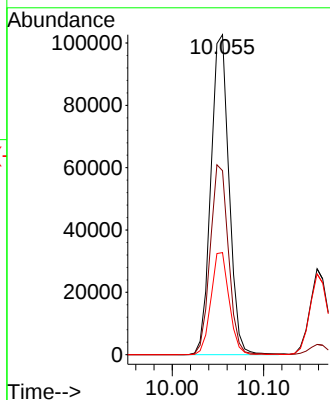
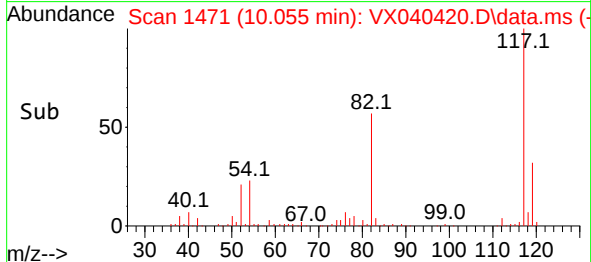
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 14141
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 31.9 25.5 38.3

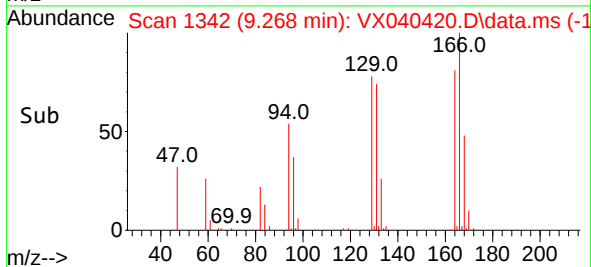
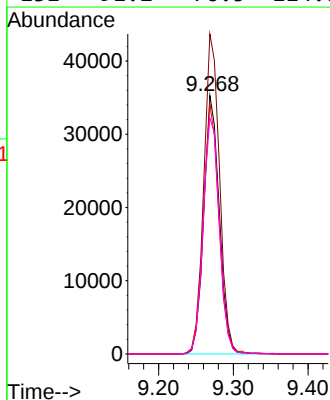
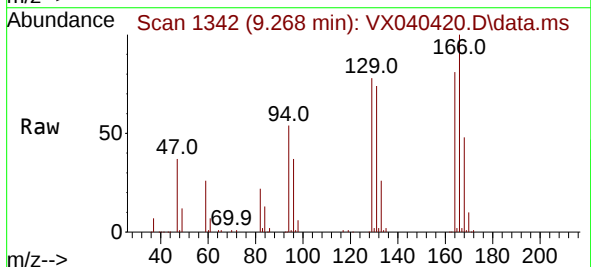
Manual Integrations
APPROVED

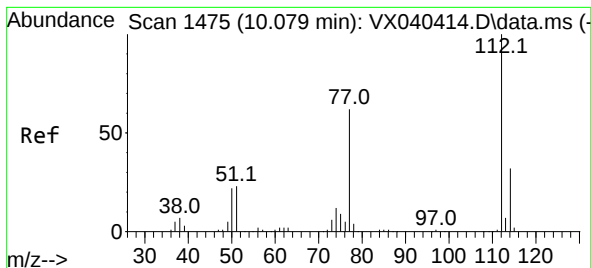
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#64
Tetrachloroethene
Concen: 49.046 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

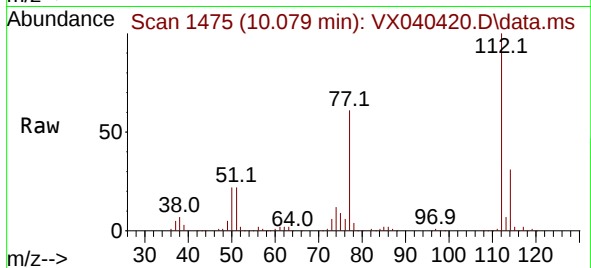
Tgt Ion:164 Resp: 50764
Ion Ratio Lower Upper
164 100
166 123.8 102.7 154.1
129 96.7 80.4 120.6
131 91.2 76.5 114.7





#65
Chlorobenzene
Concen: 52.239 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

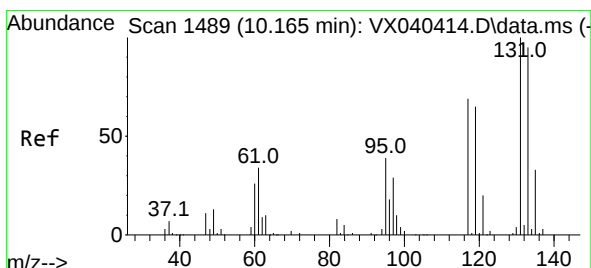
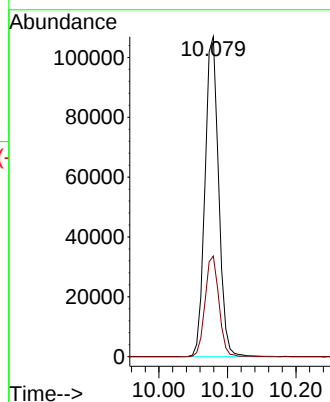
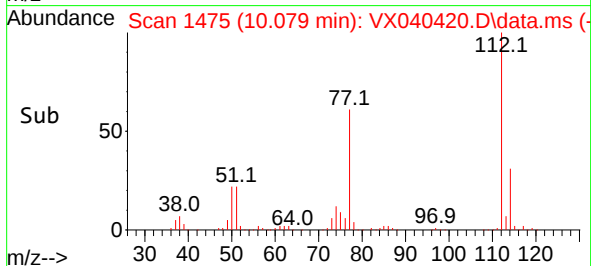
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



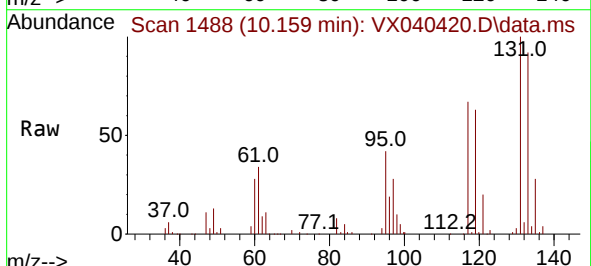
Tgt Ion:112 Resp: 148774
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

Manual Integrations
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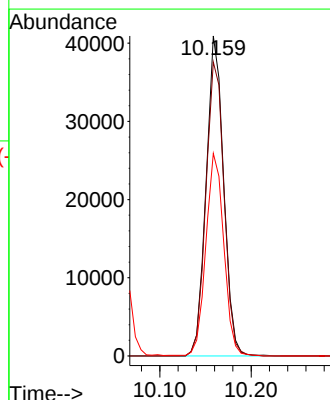
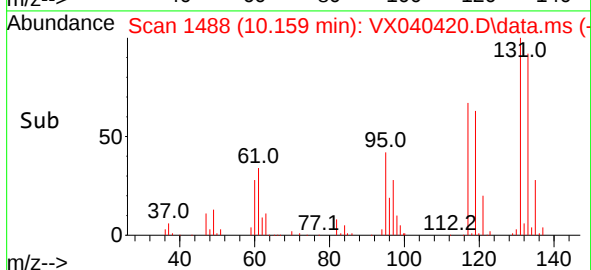
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

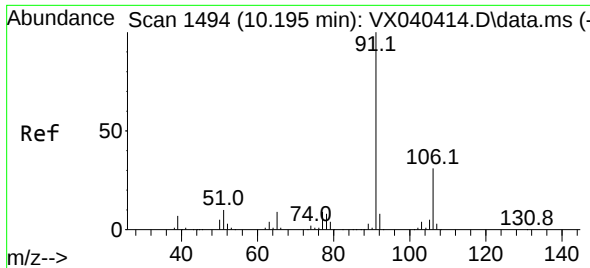


#66
1,1,1,2-Tetrachloroethane
Concen: 54.541 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42



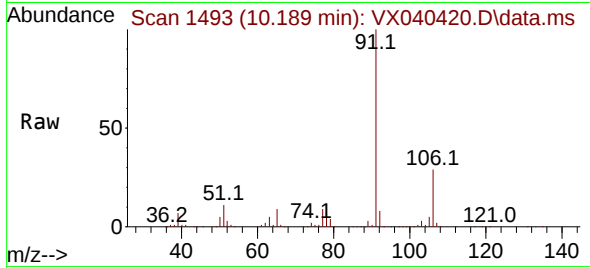
Tgt Ion:131 Resp: 54320
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 64.9 32.2 96.6





#67
Ethyl Benzene
Concen: 53.260 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

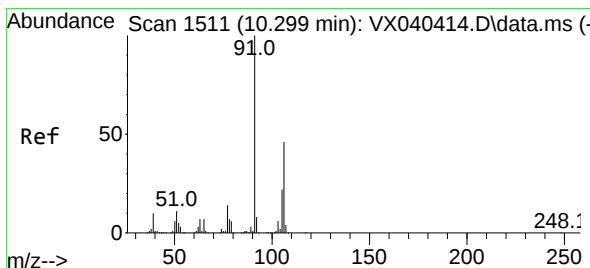
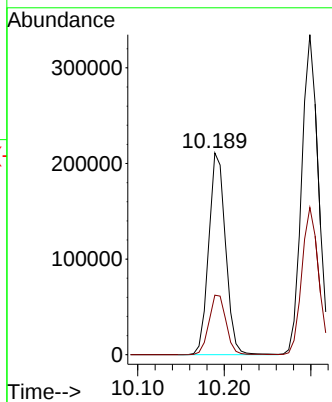
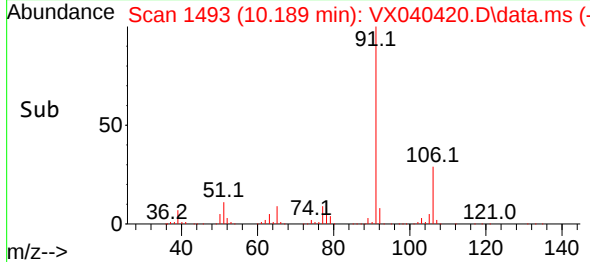
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 28454
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

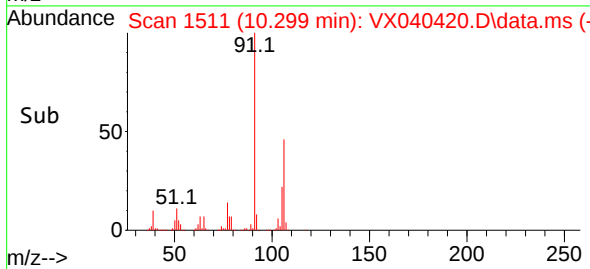
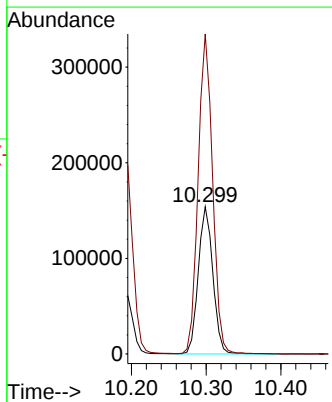
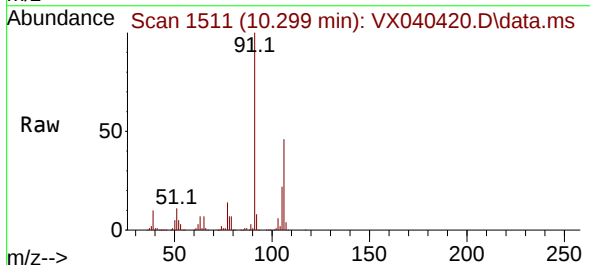
Manual Integrations
APPROVED

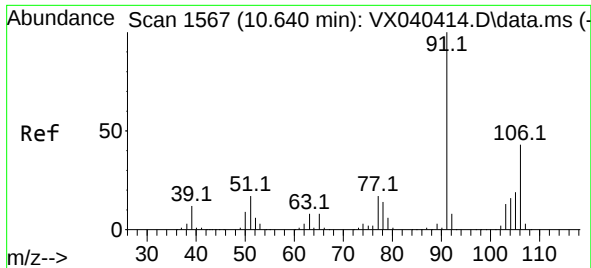
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#68
m/p-Xylenes
Concen: 107.153 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Tgt Ion:106 Resp: 208743
Ion Ratio Lower Upper
106 100
91 215.5 165.5 248.3





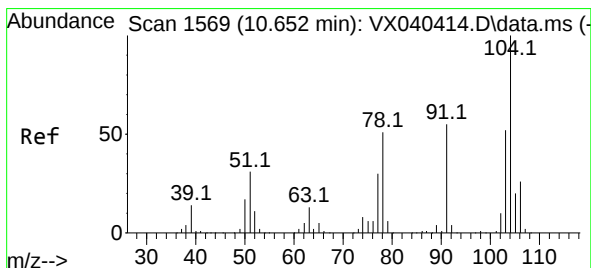
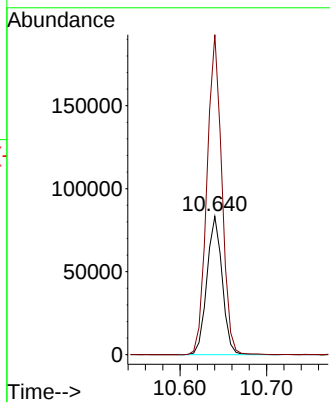
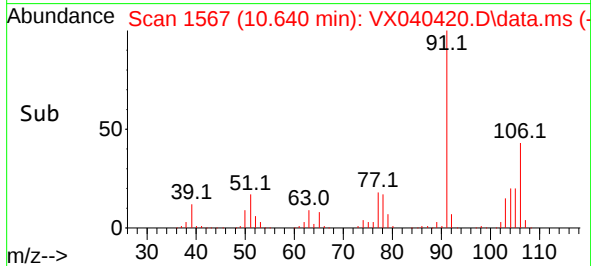
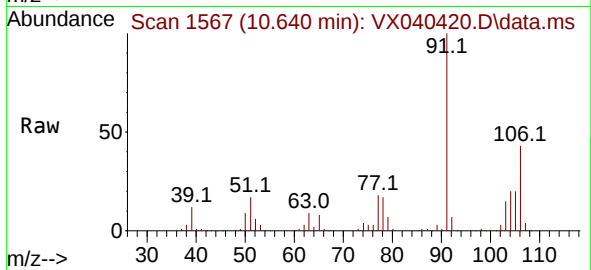
#69
o-Xylene
Concen: 52.981 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10202
Ion Ratio Lower Upper
106 100
91 225.6 108.9 326.8

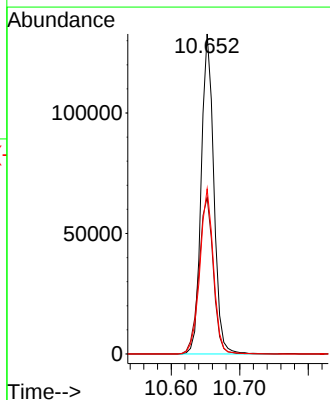
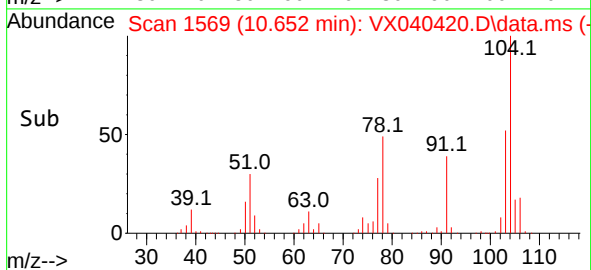
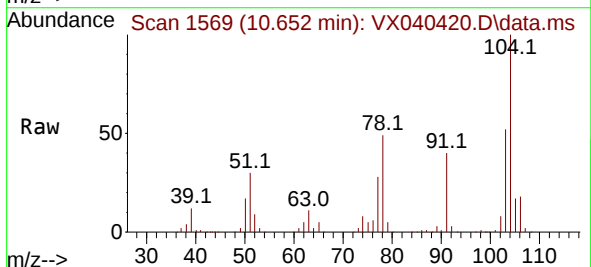
Manual Integrations
APPROVED

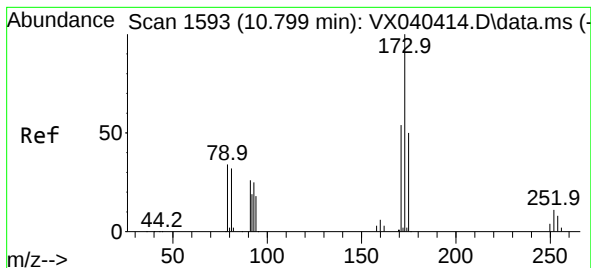
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#70
Styrene
Concen: 53.748 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

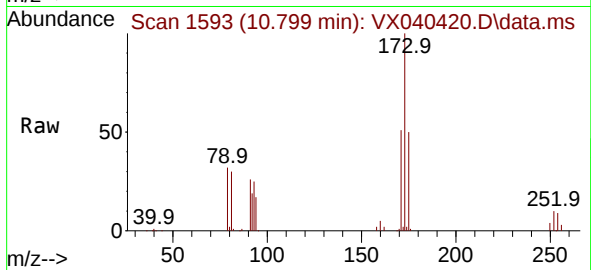
Tgt Ion:104 Resp: 170607
Ion Ratio Lower Upper
104 100
78 55.5 43.6 65.4
103 55.6 43.6 65.4





#71
Bromoform
Concen: 54.568 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

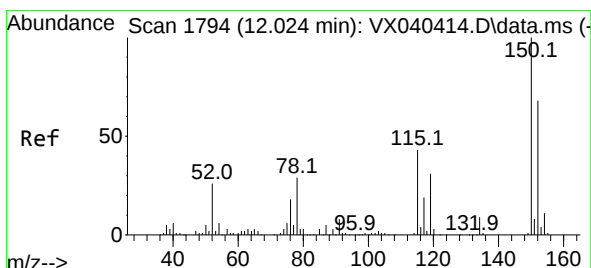
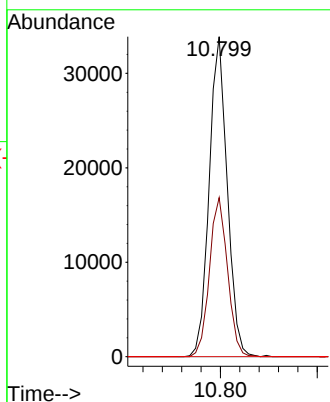
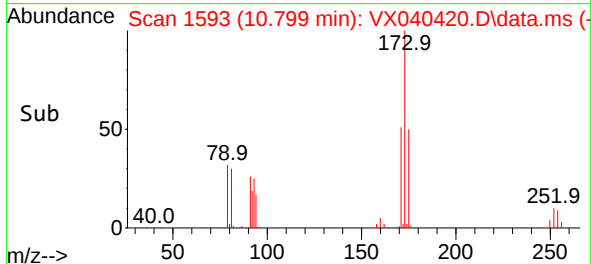
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



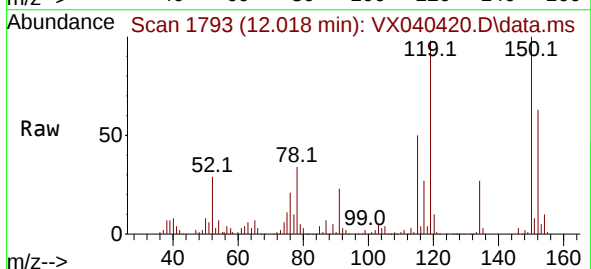
Tgt Ion:173 Resp: 4393
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

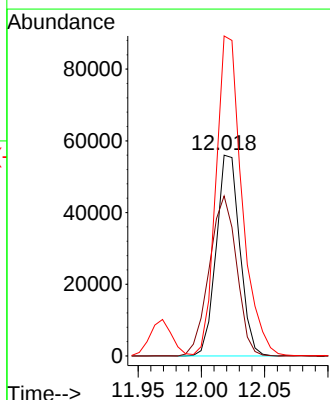
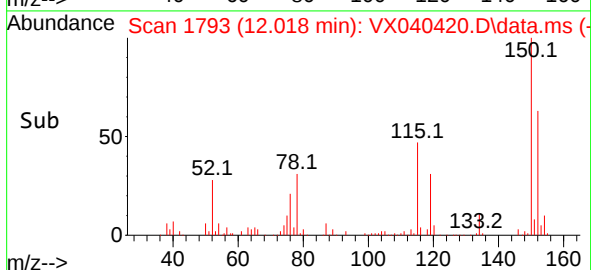
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

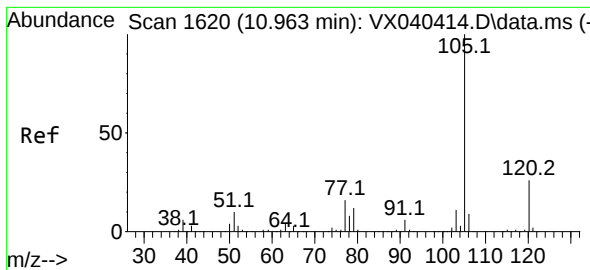


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42



Tgt Ion:152 Resp: 72352
Ion Ratio Lower Upper
152 100
115 92.6 43.3 129.9
150 176.7 0.0 345.0





#73

Isopropylbenzene

Concen: 53.932 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 276094

Ion Ratio Lower Upper

105 100

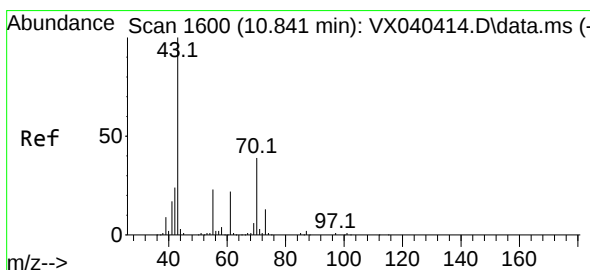
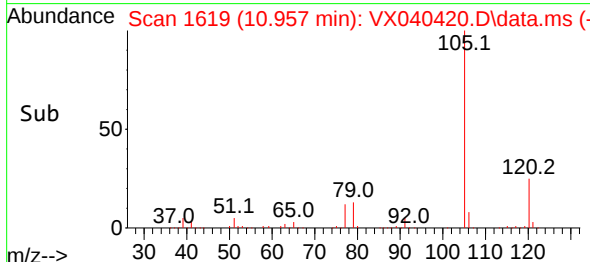
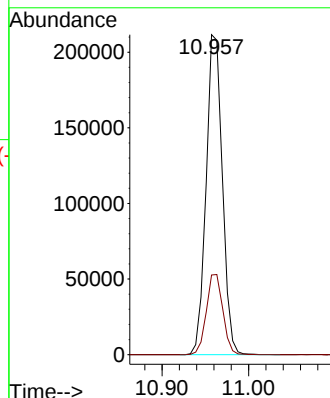
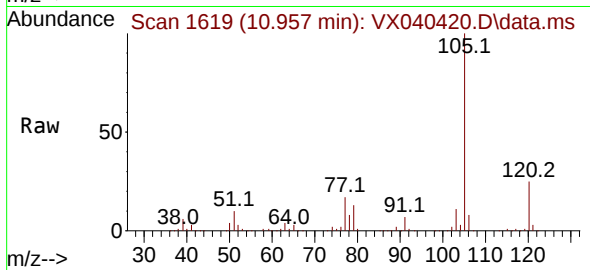
120 25.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#74

N-ethyl acetate

Concen: 56.046 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Tgt Ion: 43 Resp: 133122

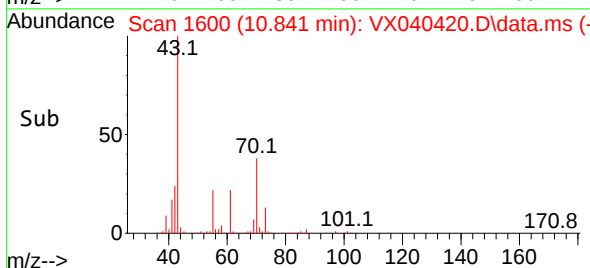
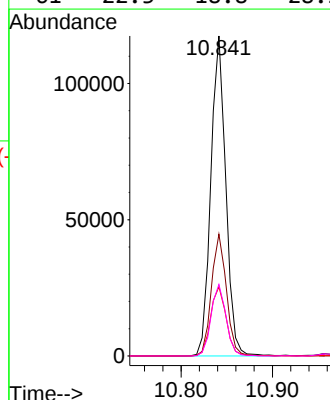
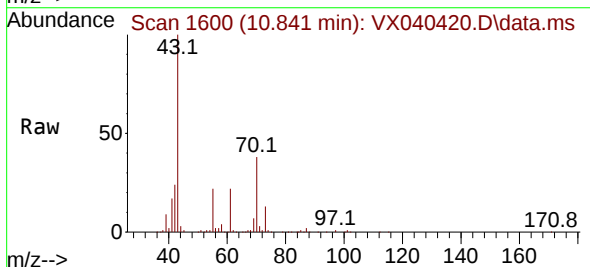
Ion Ratio Lower Upper

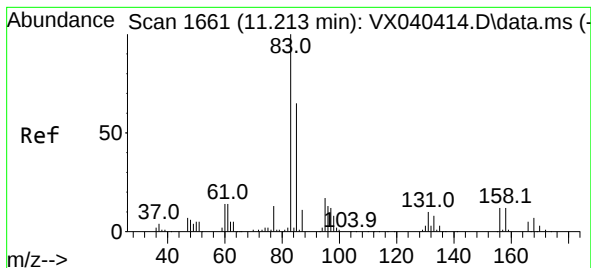
43 100

70 38.2 32.9 49.3

55 22.7 19.3 28.9

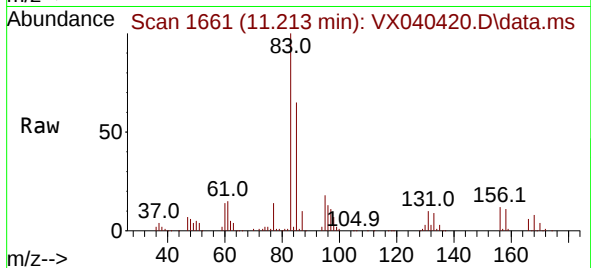
61 22.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 52.705 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

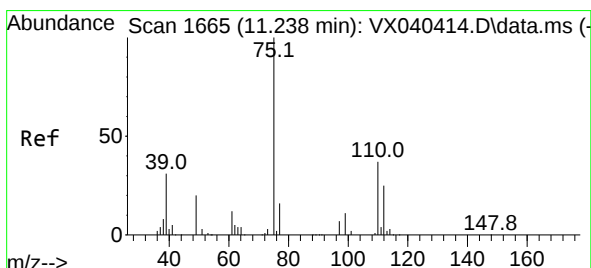
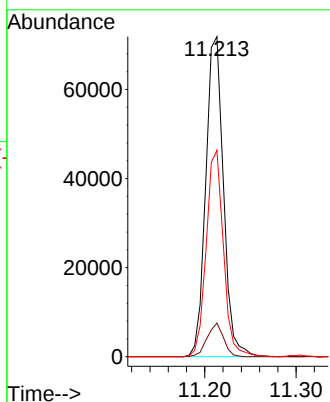
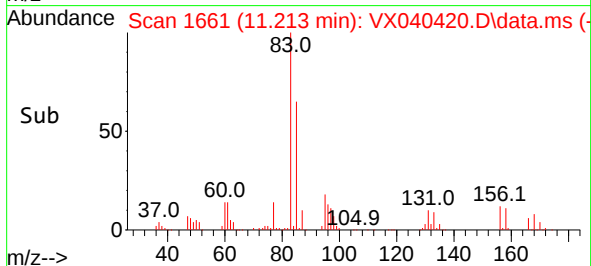
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



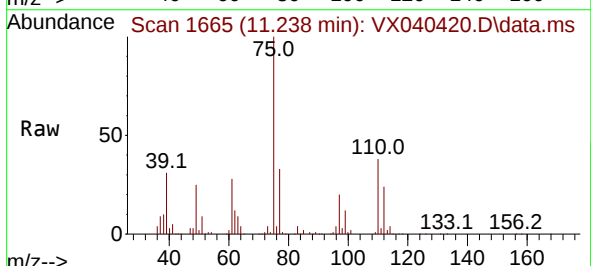
Tgt Ion: 83 Resp: 96452
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 62.8 32.0 96.2

Manual Integrations
APPROVED

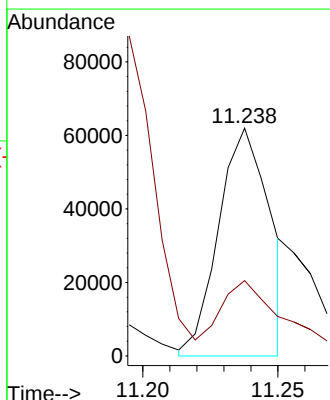
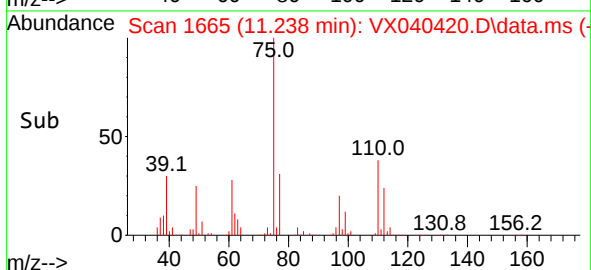
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

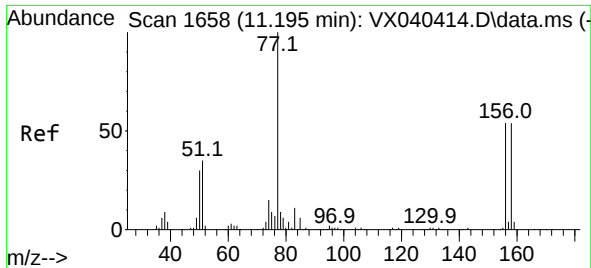


#76
1,2,3-Trichloropropane
Concen: 50.753 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42



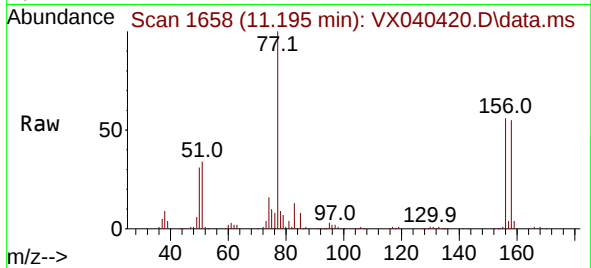
Tgt Ion: 75 Resp: 81653
Ion Ratio Lower Upper
75 100
77 42.0 19.1 57.5





#77
Bromobenzene
Concen: 51.460 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

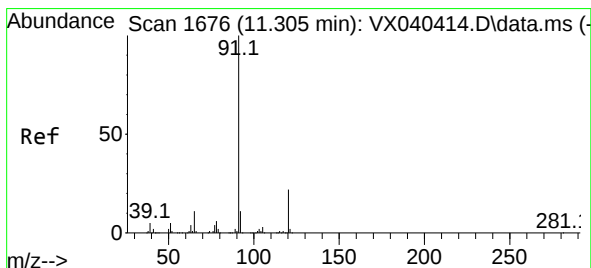
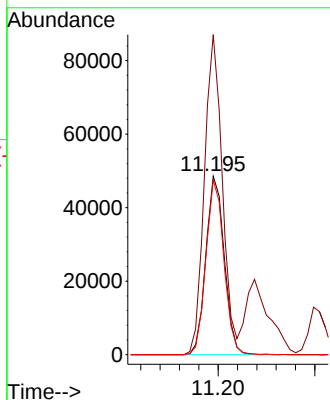
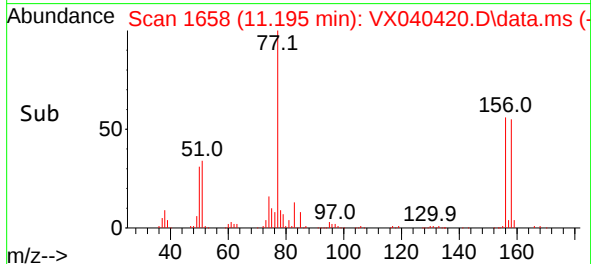
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



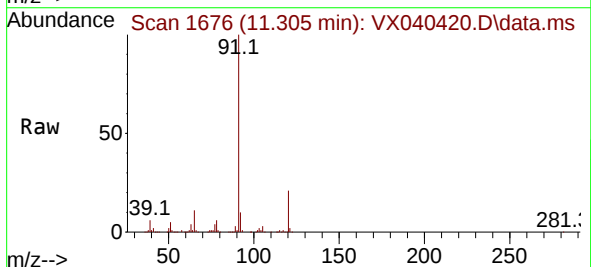
Tgt Ion:156 Resp: 6437
Ion Ratio Lower Upper
156 100
77 174.0 88.4 265.3
158 95.5 48.0 144.0

Manual Integrations
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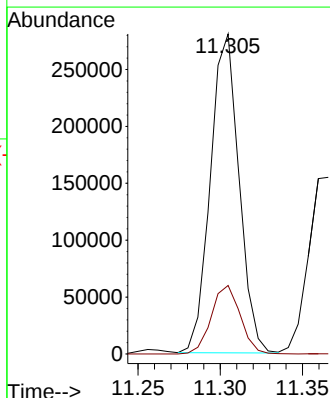
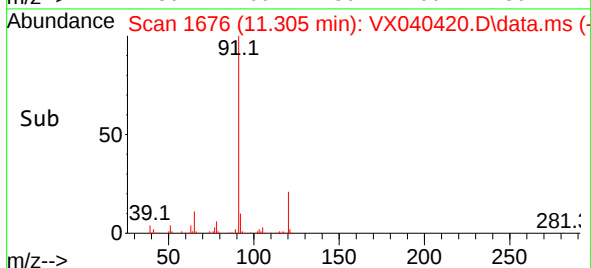
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024

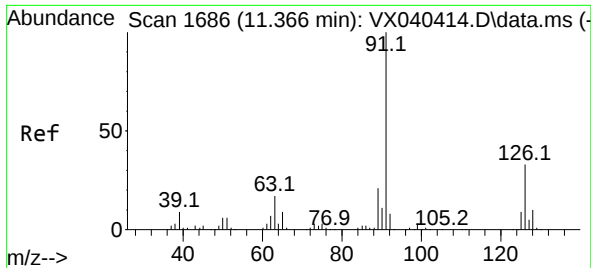


#78
n-propylbenzene
Concen: 53.727 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42



Tgt Ion: 91 Resp: 339742
Ion Ratio Lower Upper
91 100
120 21.7 11.5 34.4





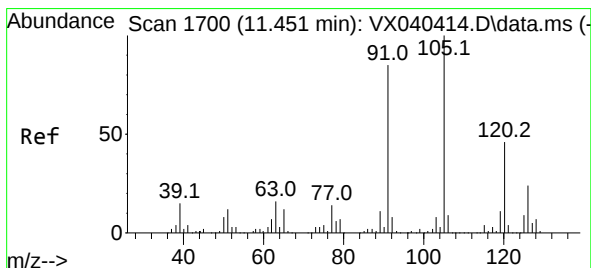
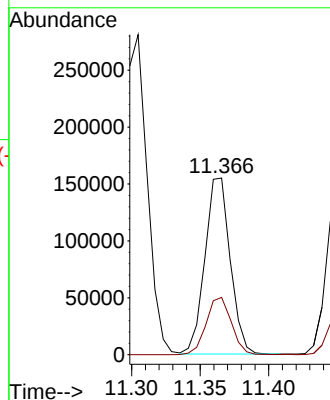
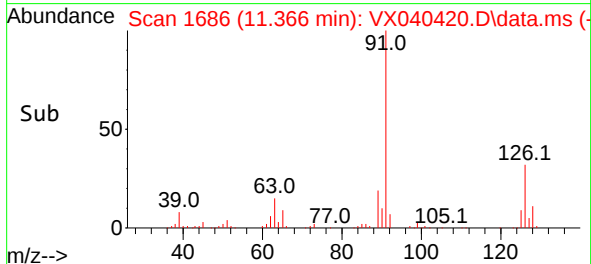
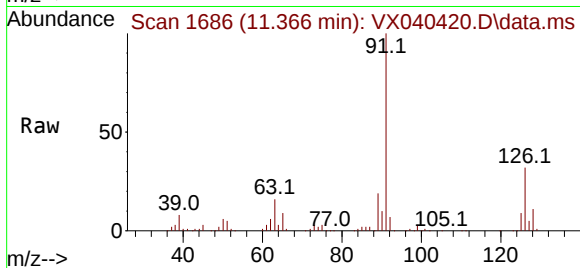
#79
2-Chlorotoluene
Concen: 52.762 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 199124
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

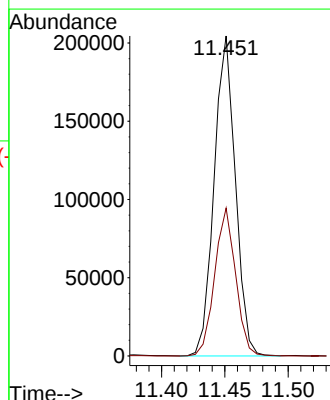
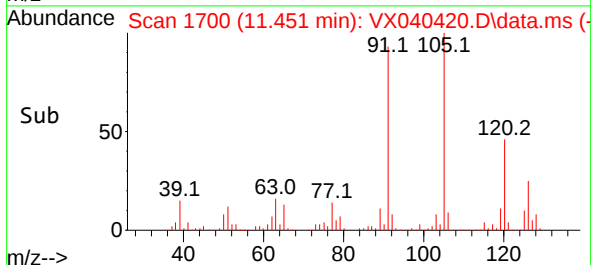
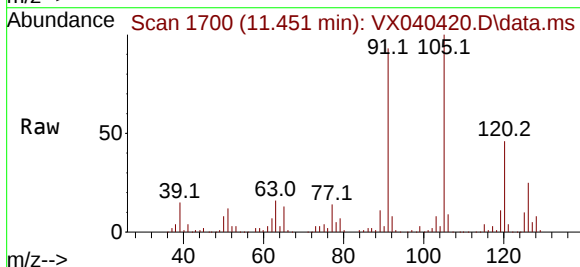
Manual Integrations
APPROVED

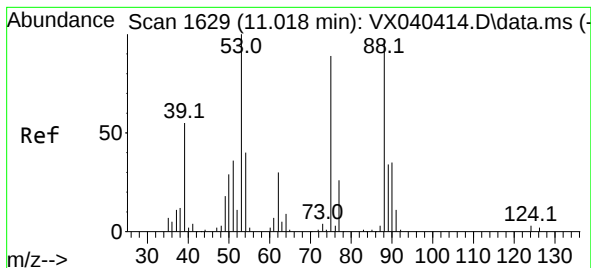
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 54.860 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

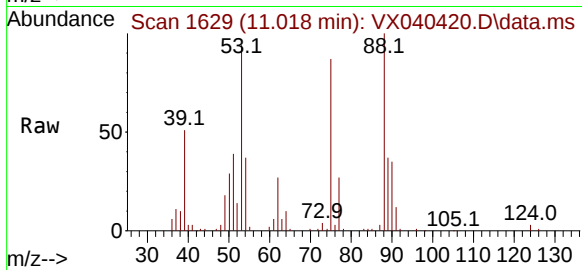
Tgt Ion:105 Resp: 238596
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 58.099 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

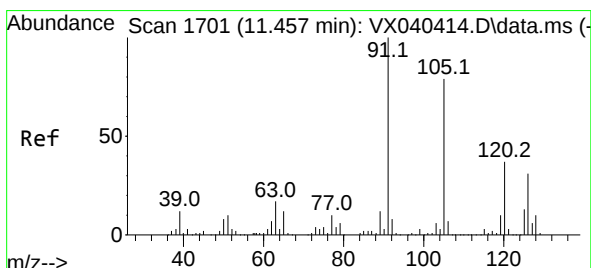
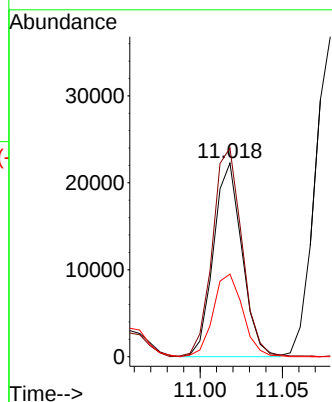
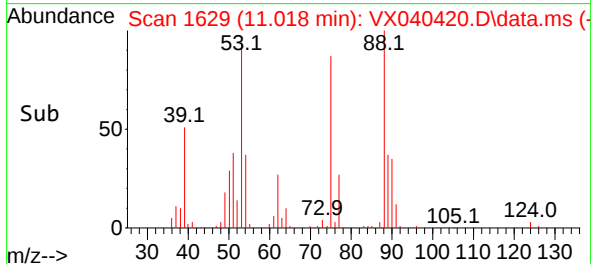
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2686
Ion Ratio Lower Upper
75 100
53 111.7 90.5 135.7
89 44.3 36.9 55.3

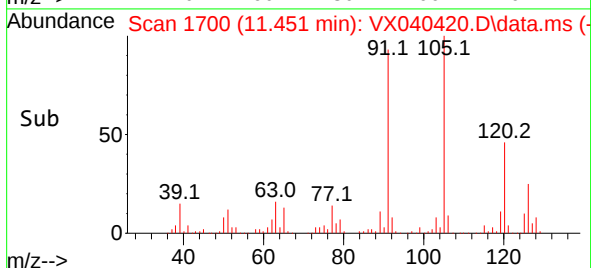
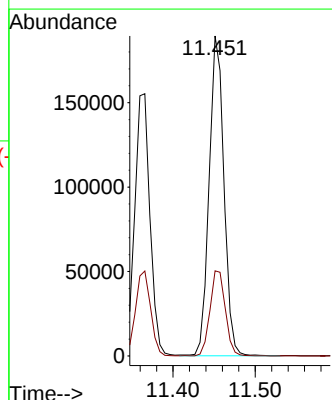
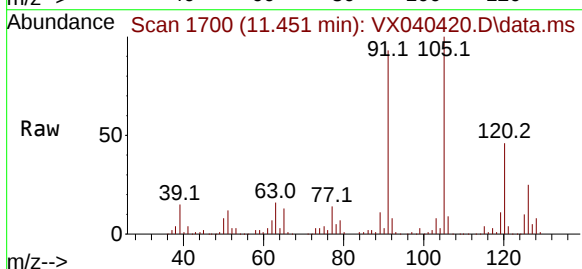
Manual Integrations
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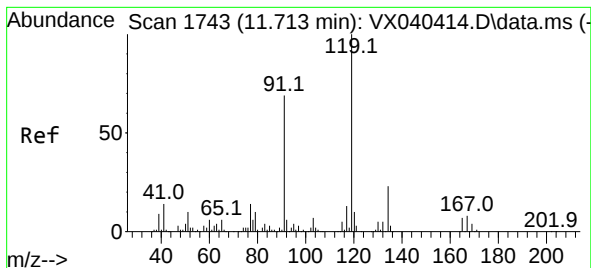
Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#82
4-Chlorotoluene
Concen: 53.602 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Tgt Ion: 91 Resp: 237085
Ion Ratio Lower Upper
91 100
126 27.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.958 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 221197

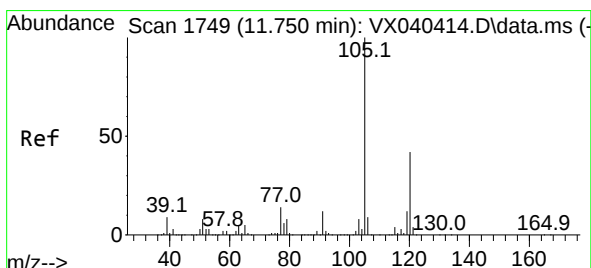
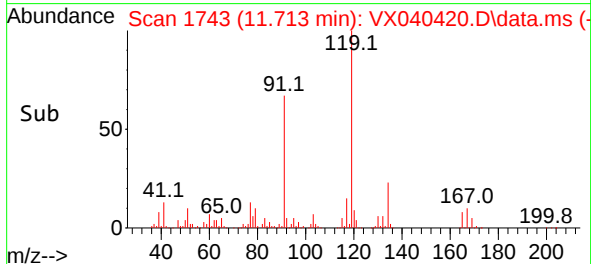
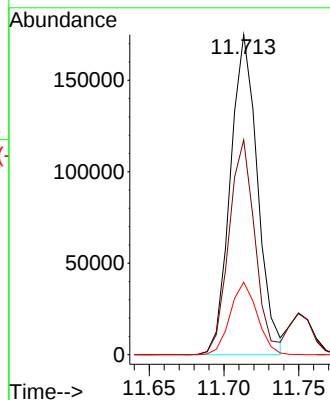
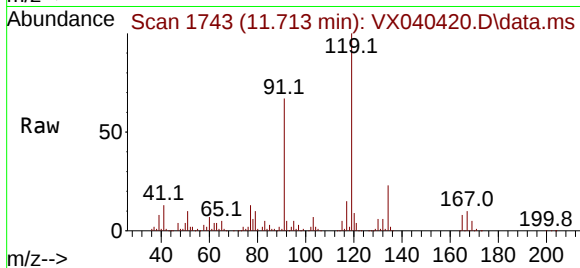
Ion	Ratio	Lower	Upper
119	100		
91	64.6	31.2	93.6
134	22.5	11.7	35.0

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#84

1,2,4-Trimethylbenzene

Concen: 54.197 ug/l

RT: 11.750 min Scan# 1749

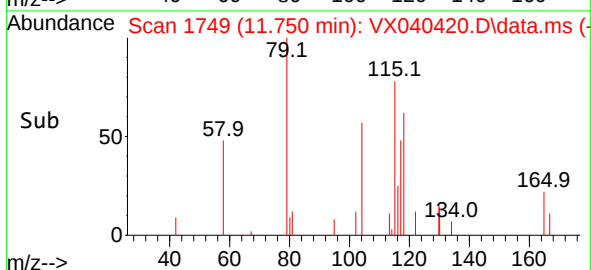
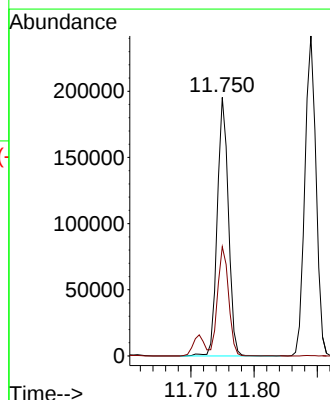
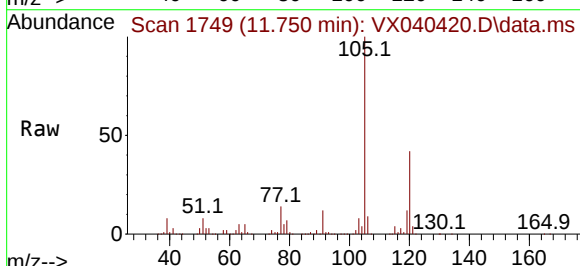
Delta R.T. -0.000 min

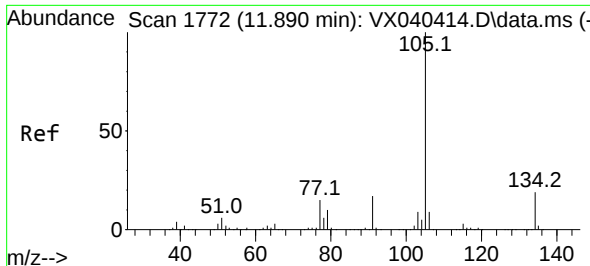
Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Tgt Ion:105 Resp: 237830

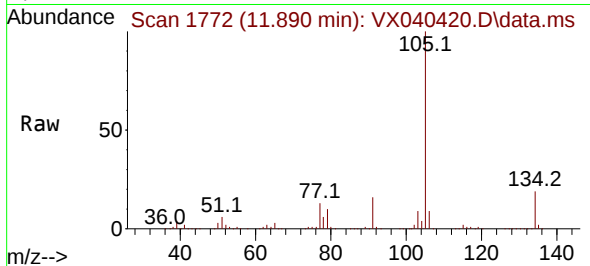
Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 54.037 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040420.D
 Acq: 23 Feb 2024 10:42

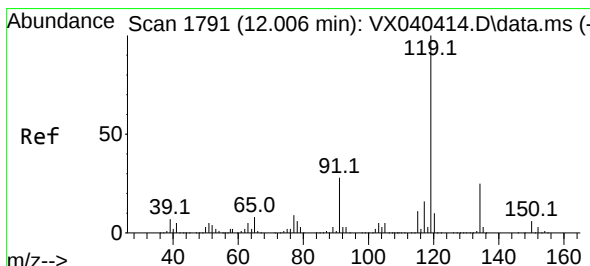
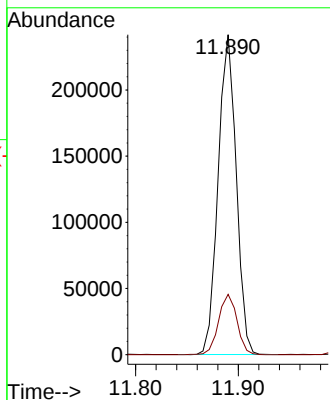
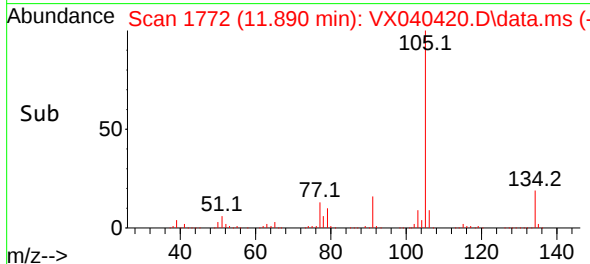
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 294898
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.4

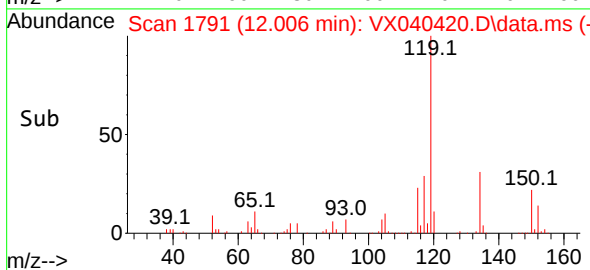
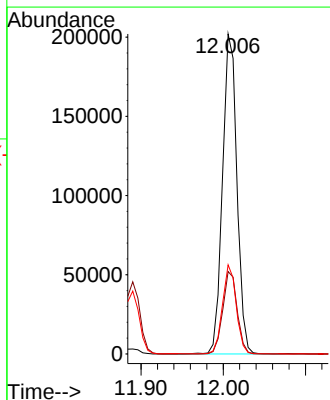
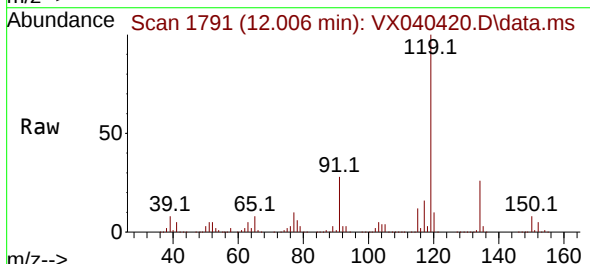
Manual Integrations
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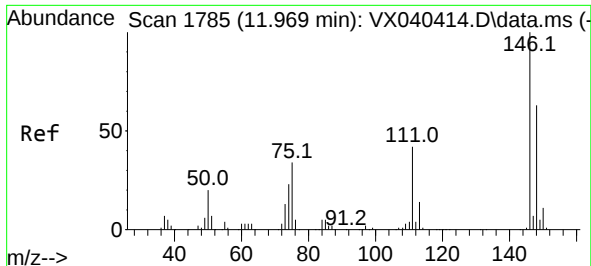
Reviewed By :John Carlone 02/26/2024
 Supervised By :Mahesh Dadoda 02/26/2024



#86
 p-Isopropyltoluene
 Concen: 56.340 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040420.D
 Acq: 23 Feb 2024 10:42

Tgt Ion:119 Resp: 245665
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 26.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.577 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040420.D

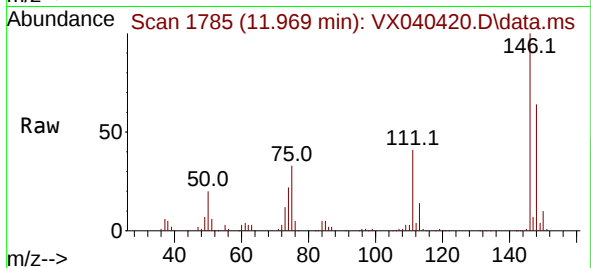
Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 125789

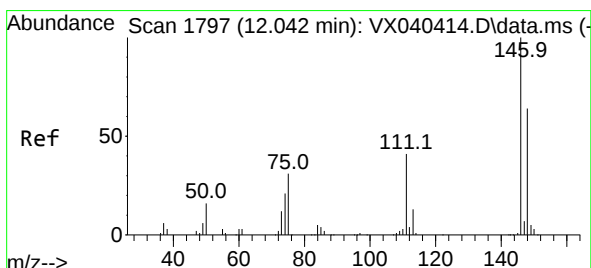
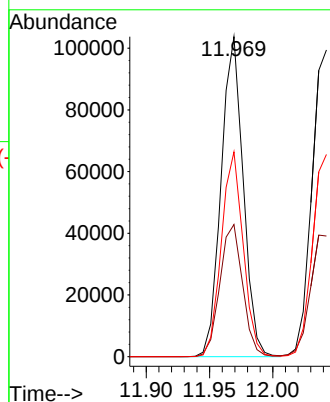
Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.1	66.1
148	63.3	31.8	95.3

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#88

1,4-Dichlorobenzene

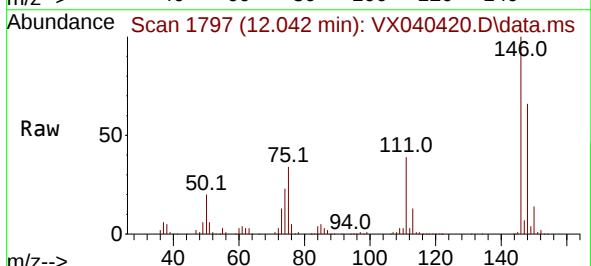
Concen: 51.340 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

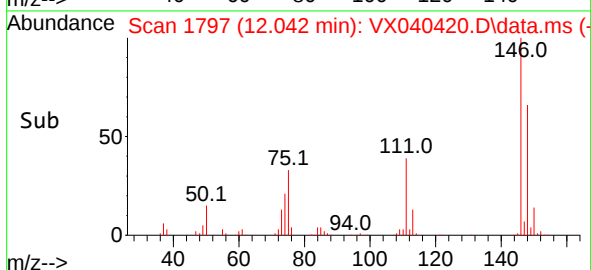
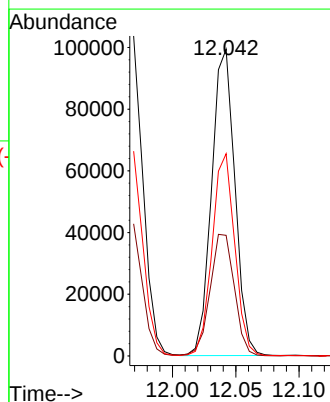
Lab File: VX040420.D

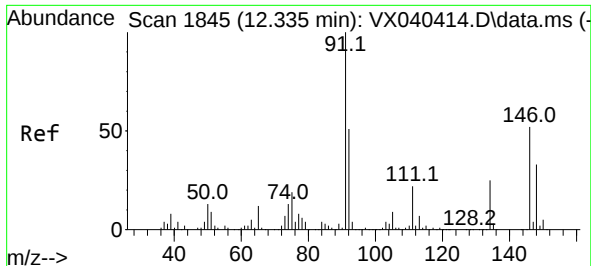
Acq: 23 Feb 2024 10:42



Tgt Ion:146 Resp: 127339

Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.7
148	64.5	31.8	95.4





#89

n-Butylbenzene

Concen: 55.468 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 23796

Ion Ratio Lower Upper

91 100

92 51.5 27.4 82.0

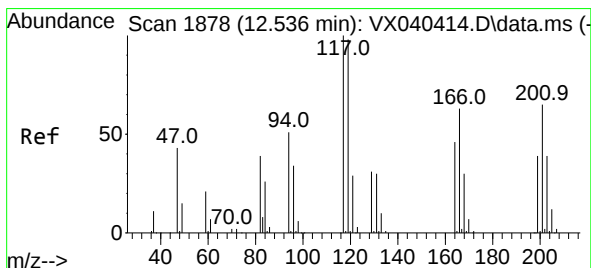
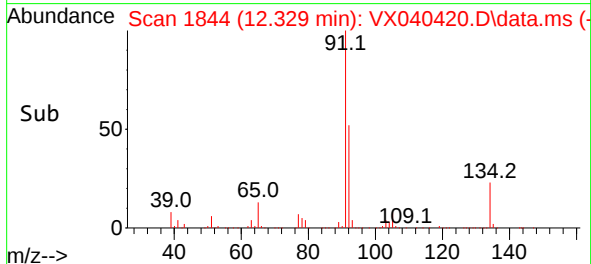
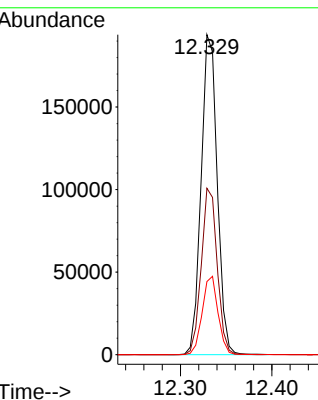
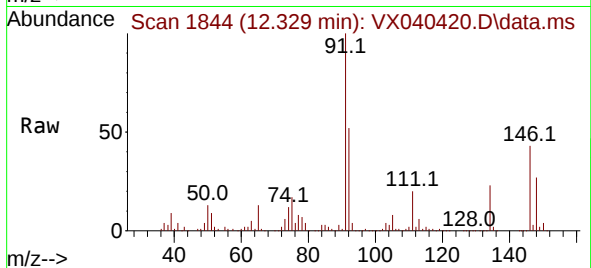
134 24.1 12.6 37.8

Manual Integrations

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Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#90

Hexachloroethane

Concen: 58.248 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040420.D

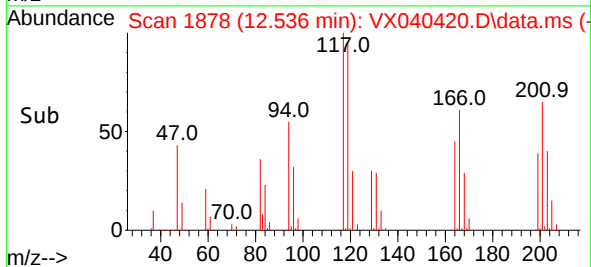
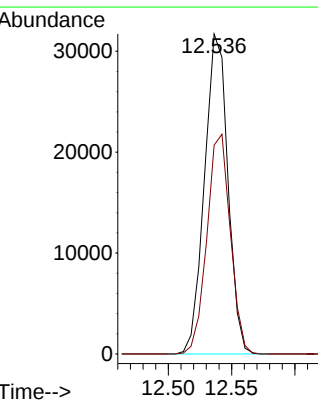
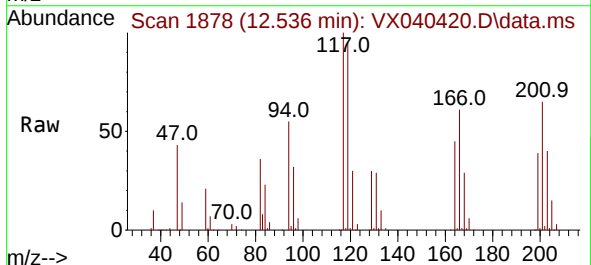
Acq: 23 Feb 2024 10:42

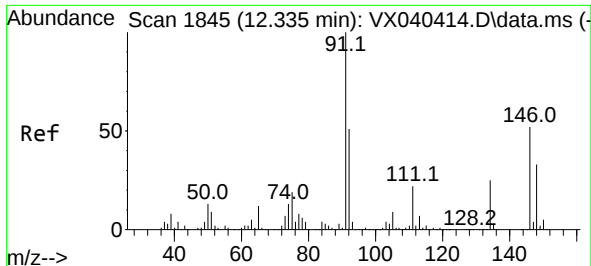
Tgt Ion:117 Resp: 40676

Ion Ratio Lower Upper

117 100

201 68.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 51.508 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 119160

Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.0

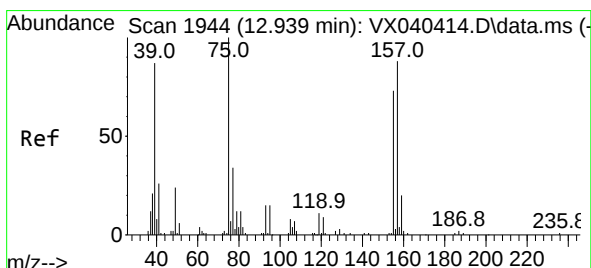
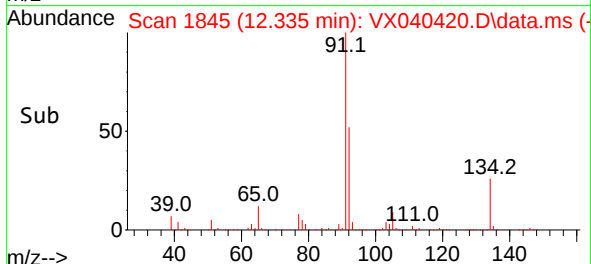
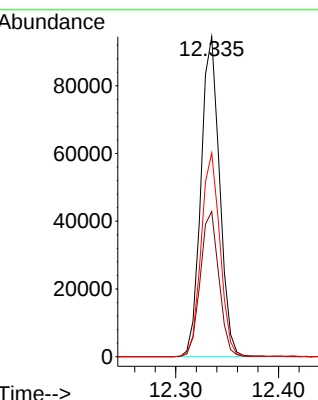
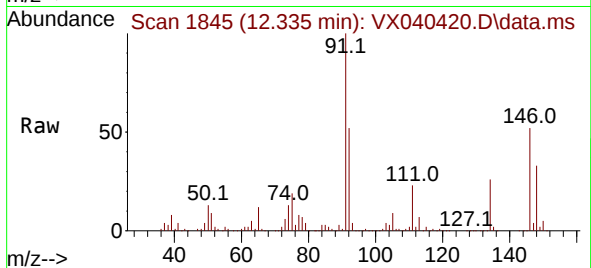
148 64.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.762 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

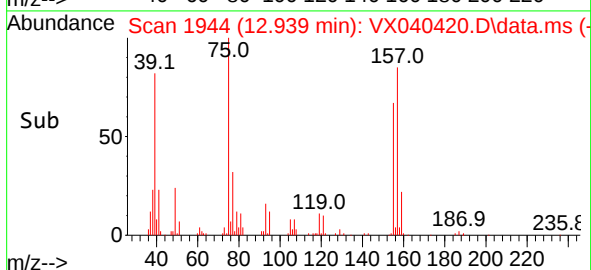
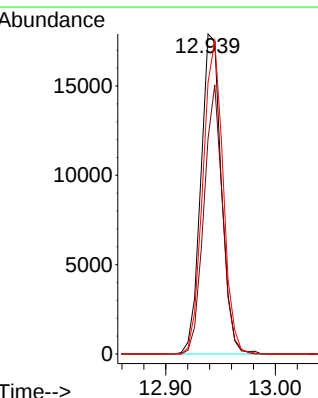
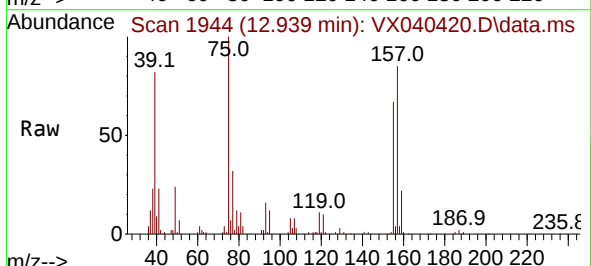
Tgt Ion: 75 Resp: 23271

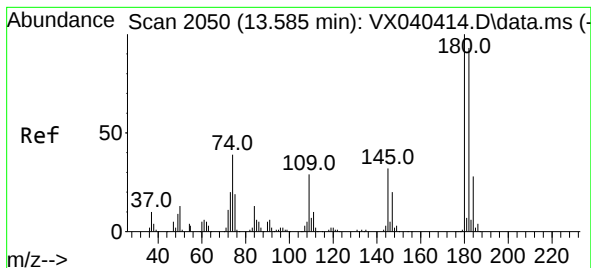
Ion Ratio Lower Upper

75 100

155 76.3 36.1 108.5

157 96.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 54.918 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

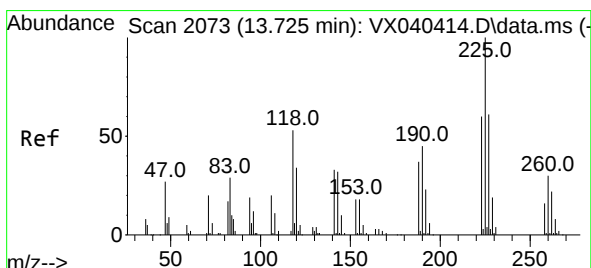
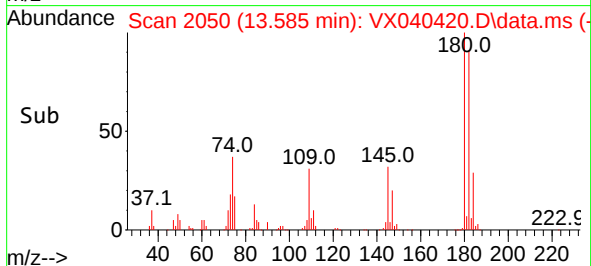
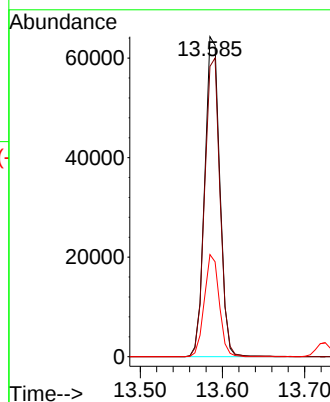
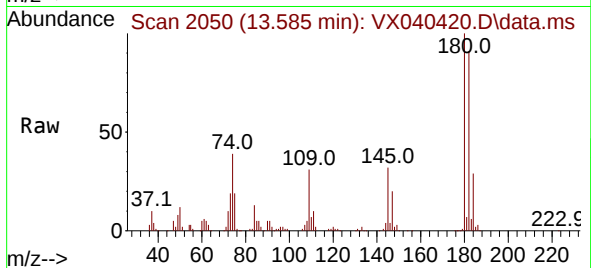
Tgt Ion:180	Resp:	8179
Ion Ratio	Lower	Upper
180	100	
182	94.8	48.3 144.8
145	31.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2024

Supervised By :Mahesh Dadoda 02/26/2024



#94

Hexachlorobutadiene

Concen: 59.698 ug/l

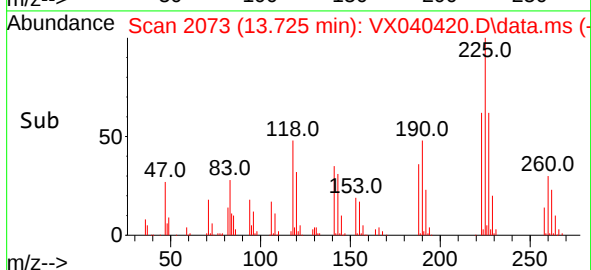
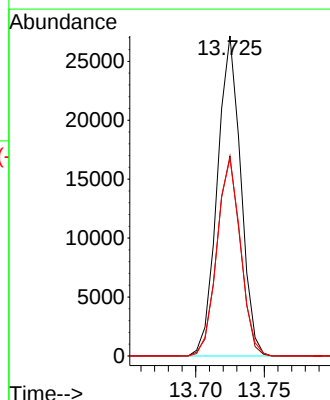
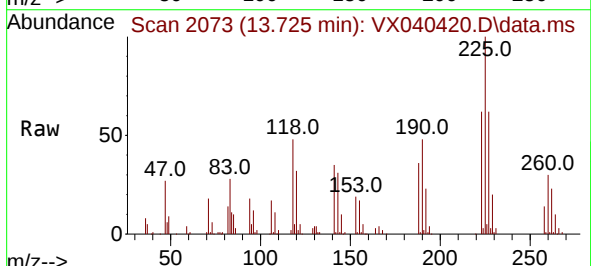
RT: 13.725 min Scan# 2073

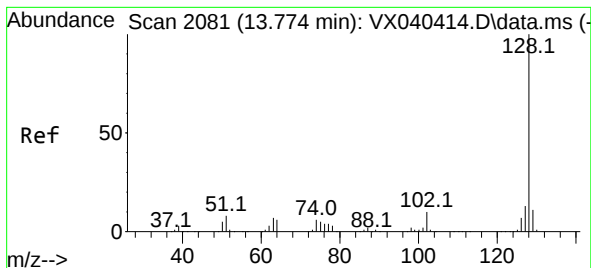
Delta R.T. -0.000 min

Lab File: VX040420.D

Acq: 23 Feb 2024 10:42

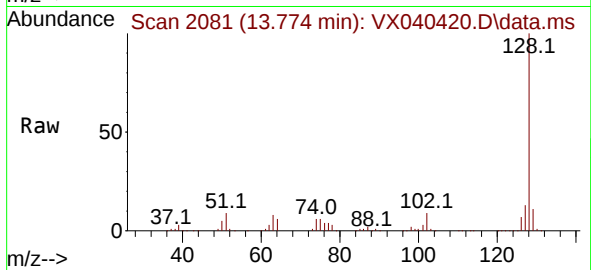
Tgt Ion:225	Resp:	32204
Ion Ratio	Lower	Upper
225	100	
223	62.1	31.1 93.2
227	62.5	32.5 97.5





#95
Naphthalene
Concen: 54.645 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

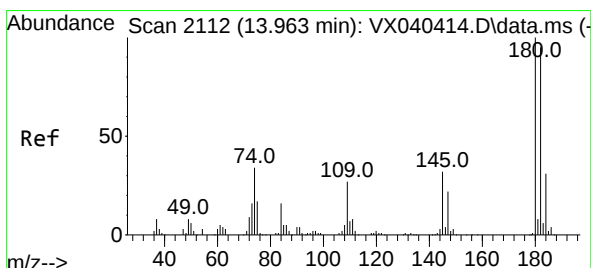
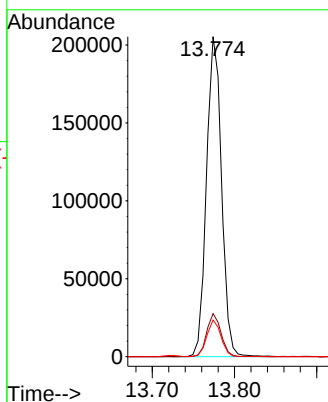
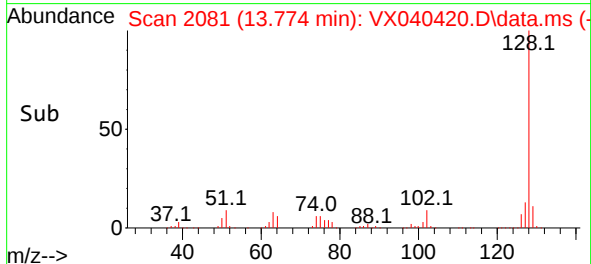
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 261180
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2024
Supervised By :Mahesh Dadoda 02/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 54.438 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040420.D
Acq: 23 Feb 2024 10:42

Tgt Ion:180 Resp: 78066
Ion Ratio Lower Upper
180 100
182 95.0 46.9 140.6
145 33.8 17.8 53.5

