

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040560.D
 Acq On : 04 Mar 2024 10:24
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 05 00:20:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	94270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77753	49.313	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.620%		
35) Dibromofluoromethane	5.379	113	54509	50.457	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.920%		
50) Toluene-d8	8.647	98	187049	47.700	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.400%		
62) 4-Bromofluorobenzene	11.079	95	67228	44.974	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	89.940%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	55157	47.015	ug/l	98
3) Chloromethane	1.294	50	50928	43.766	ug/l	97
4) Vinyl Chloride	1.374	62	56281	44.726	ug/l	97
5) Bromomethane	1.599	94	36037	51.534	ug/l	100
6) Chloroethane	1.679	64	34577	43.420	ug/l	95
7) Trichlorofluoromethane	1.880	101	87165	43.859	ug/l	99
8) Diethyl Ether	2.130	74	29437	42.375	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	53141	49.675	ug/l	99
10) Methyl Iodide	2.447	142	56892	51.100	ug/l	98
11) Tert butyl alcohol	2.959	59	68600	258.814	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	48075	44.761	ug/l	99
13) Acrolein	2.233	56	42798	251.852	ug/l	99
14) Allyl chloride	2.660	41	87444	46.537	ug/l	90
15) Acrylonitrile	3.056	53	154451	232.304	ug/l	97
16) Acetone	2.373	43	157642	306.580	ug/l	99
17) Carbon Disulfide	2.508	76	117121	39.378	ug/l	100
18) Methyl Acetate	2.697	43	80250	50.623	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	180515	49.274	ug/l	98
20) Methylene Chloride	2.788	84	56116	45.605	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	51135	44.643	ug/l	98
22) Diisopropyl ether	3.751	45	179067	47.422	ug/l	93
23) Vinyl Acetate	3.715	43	833944	241.099	ug/l	99
24) 1,1-Dichloroethane	3.605	63	103403	46.960	ug/l	98
25) 2-Butanone	4.544	43	234439	261.685	ug/l	98
26) 2,2-Dichloropropane	4.471	77	90275	51.492	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	62387	46.557	ug/l	99
28) Bromochloromethane	4.891	49	39017	42.359	ug/l	96
29) Tetrahydrofuran	4.995	42	145568	232.915	ug/l	97
30) Chloroform	5.086	83	114098	48.817	ug/l	97
31) Cyclohexane	5.464	56	79030	44.241	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	100596	50.427	ug/l	98
36) 1,1-Dichloropropene	5.684	75	78603	47.225	ug/l	99
37) Ethyl Acetate	4.708	43	88900	48.804	ug/l	99
38) Carbon Tetrachloride	5.672	117	84309	52.433	ug/l	96
39) Methylcyclohexane	7.373	83	87665	48.784	ug/l	99
40) Benzene	6.031	78	211890	47.021	ug/l	100

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 05 00:20:55 2024
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	51179	50.299	ug/l	97
42) 1,2-Dichloroethane	6.080	62	98807	52.976	ug/l	97
43) Isopropyl Acetate	6.330	43	146594	51.288	ug/l	98
44) Trichloroethene	7.117	130	57726	47.632	ug/l	97
45) 1,2-Dichloropropane	7.427	63	58499	48.506	ug/l	94
46) Dibromomethane	7.574	93	44440	50.120	ug/l	98
47) Bromodichloromethane	7.818	83	91034	52.145	ug/l	96
48) Methyl methacrylate	7.690	41	76402	53.480	ug/l	96
49) 1,4-Dioxane	7.653	88	27852	1030.610	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	485293	256.801	ug/l	98
52) Toluene	8.714	92	138169	49.960	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	94856	53.539	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	98470	51.707	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	60629	52.826	ug/l	97
56) Ethyl methacrylate	9.110	69	93870	52.899	ug/l	94
57) 1,3-Dichloropropane	9.305	76	100408	50.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	215899	232.044	ug/l	96
59) 2-Hexanone	9.427	43	387728	266.860	ug/l	97
60) Dibromochloromethane	9.519	129	67454	54.110	ug/l	100
61) 1,2-Dibromoethane	9.610	107	64151	51.223	ug/l	100
64) Tetrachloroethene	9.269	164	50798	49.995	ug/l	98
65) Chlorobenzene	10.079	112	152593	49.569	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	59771	55.095	ug/l	98
67) Ethyl Benzene	10.189	91	287950	51.100	ug/l	97
68) m/p-Xylenes	10.299	106	211352	100.440	ug/l	93
69) o-Xylene	10.640	106	103720	51.536	ug/l	93
70) Styrene	10.653	104	174468	52.001	ug/l	97
71) Bromoform	10.799	173	50103	56.419	ug/l #	98
73) Isopropylbenzene	10.963	105	280807	54.882	ug/l	100
74) N-amyl acetate	10.842	43	134449	56.578	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	90210	48.752	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100718	65.871	ug/l	90
77) Bromobenzene	11.195	156	61841	51.116	ug/l	95
78) n-propylbenzene	11.305	91	315669	49.739	ug/l	97
79) 2-Chlorotoluene	11.360	91	182952	47.887	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	222256	51.077	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	24846	49.115	ug/l	97
82) 4-Chlorotoluene	11.451	91	221957	50.239	ug/l	100
83) tert-Butylbenzene	11.713	119	214140	52.199	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	222019	51.425	ug/l	100
85) sec-Butylbenzene	11.890	105	276094	51.229	ug/l	100
86) p-Isopropyltoluene	12.006	119	234967	52.892	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	118987	49.342	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	120864	49.235	ug/l	99
89) n-Butylbenzene	12.329	91	224410	51.345	ug/l	96
90) Hexachloroethane	12.536	117	40615	54.932	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	115659	50.330	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23599	54.706	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	87247	58.175	ug/l	96
94) Hexachlorobutadiene	13.725	225	35119	57.297	ug/l	98
95) Naphthalene	13.774	128	279532	58.326	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	84202	59.063	ug/l	99

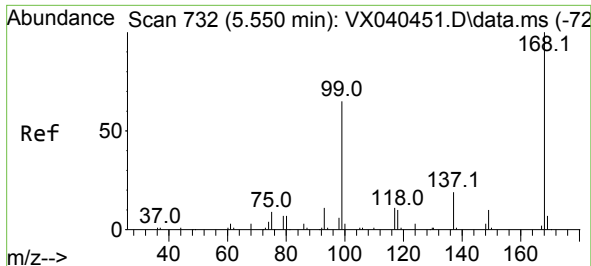
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
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QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

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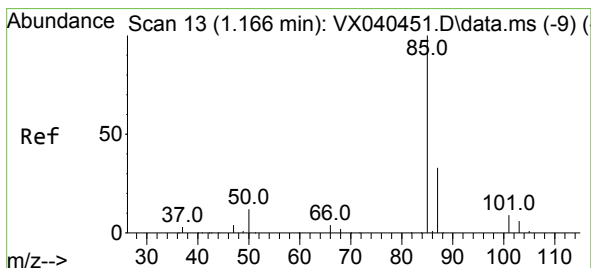
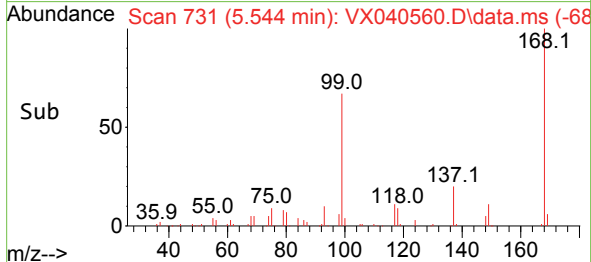
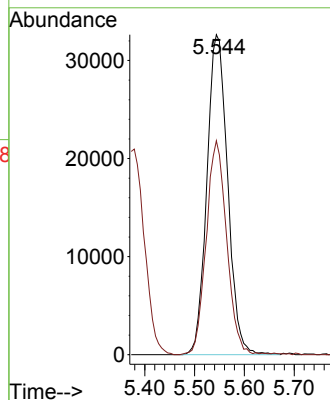
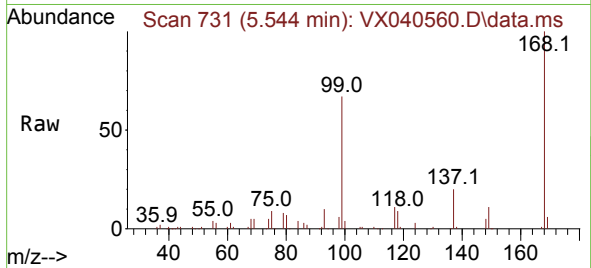
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

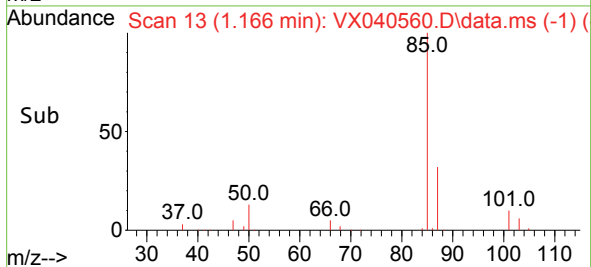
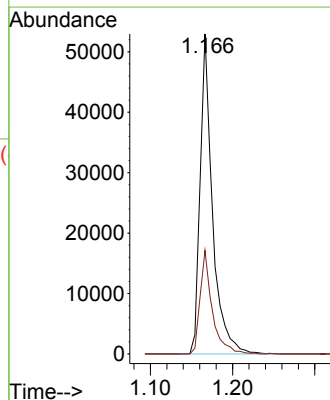
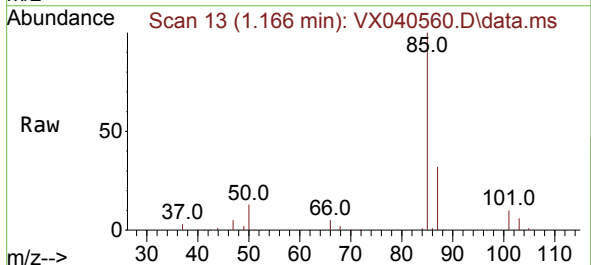
Instrument :
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ClientSampleId :
VSTDCCC050

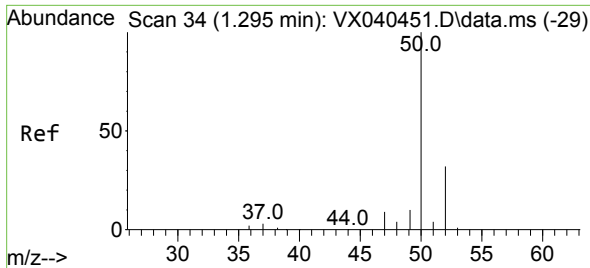
Tgt Ion:168 Resp: 94270
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 47.015 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 85 Resp: 55157
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1

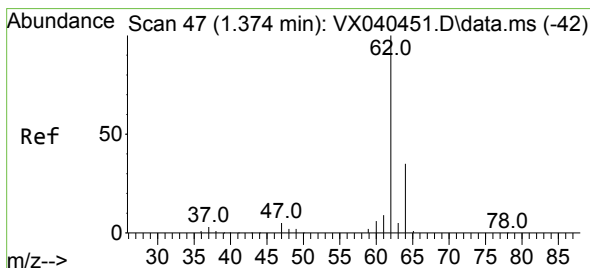
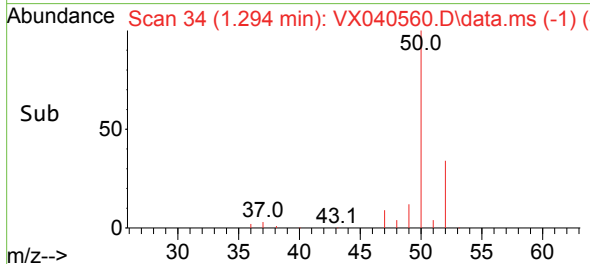
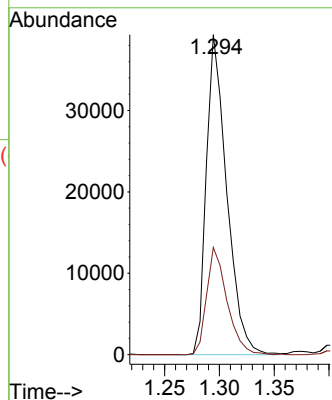
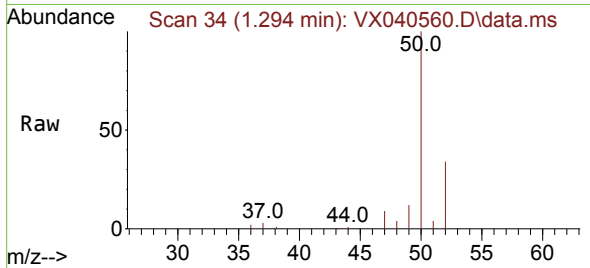




#3
Chloromethane
Concen: 43.766 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

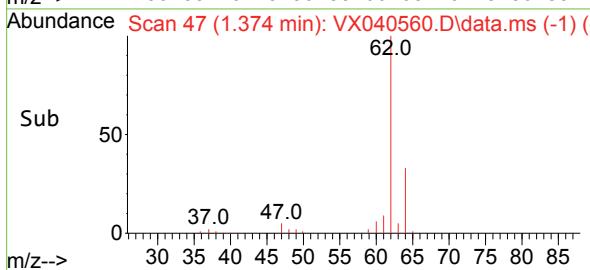
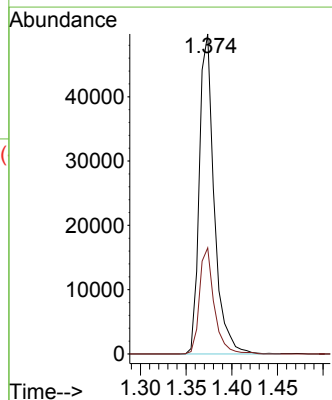
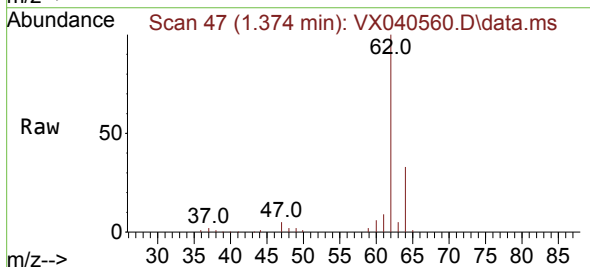
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

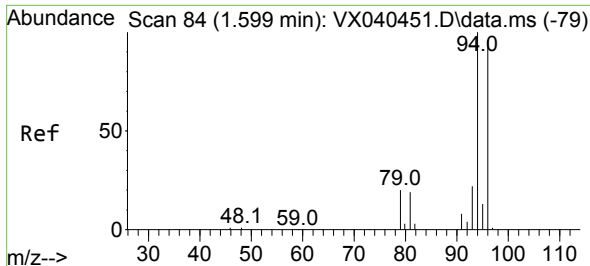
Tgt Ion: 50 Resp: 50928
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3



#4
Vinyl Chloride
Concen: 44.726 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 62 Resp: 56281
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.0

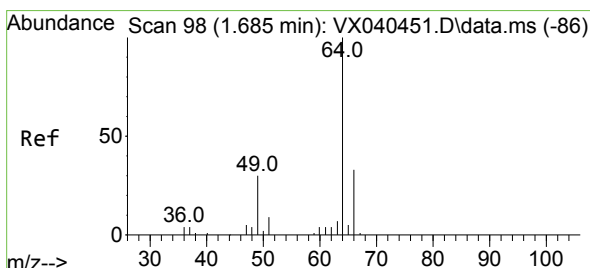
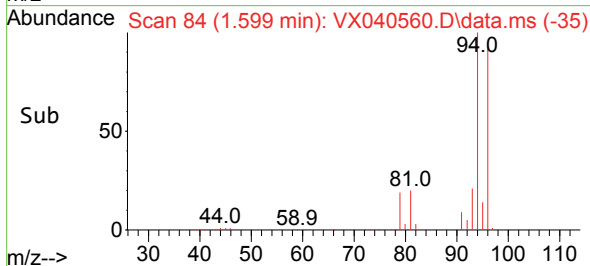
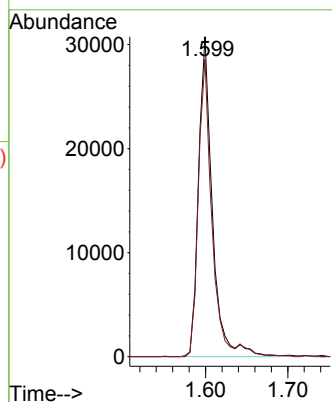
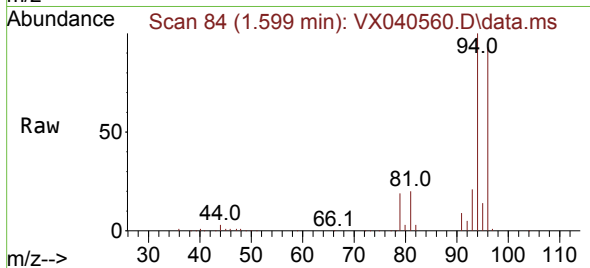




#5
Bromomethane
Concen: 51.534 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

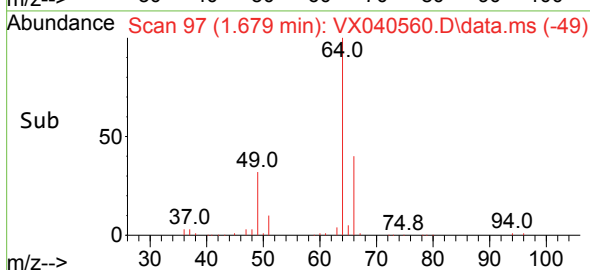
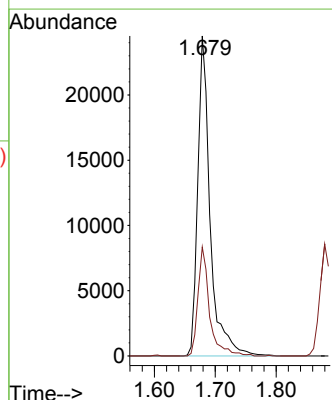
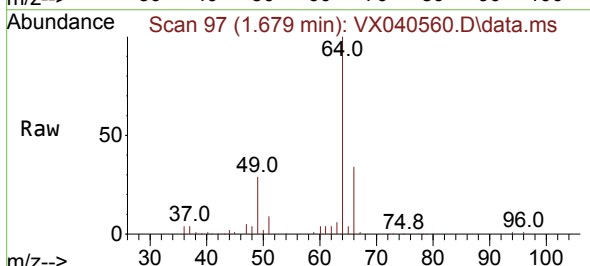
Instrument :
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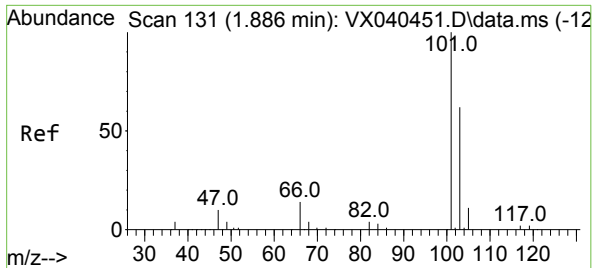
Tgt Ion: 94 Resp: 36037
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8



#6
Chloroethane
Concen: 43.420 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 64 Resp: 34577
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7

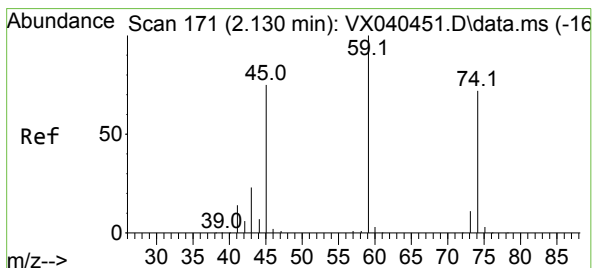
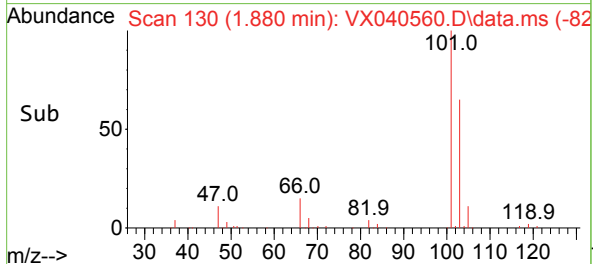
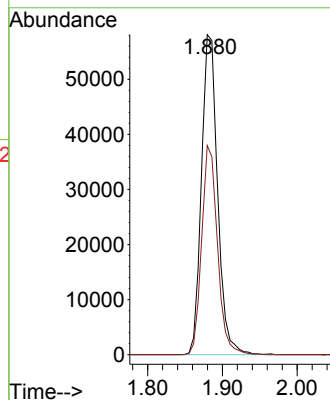
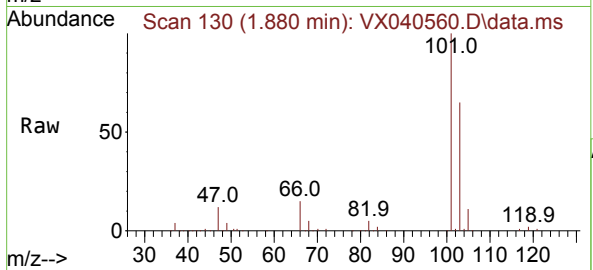




#7
 Trichlorofluoromethane
 Concen: 43.859 ug/l
 RT: 1.880 min Scan# 131
 Delta R.T. -0.006 min
 Lab File: VX040560.D
 Acq: 04 Mar 2024 10:24

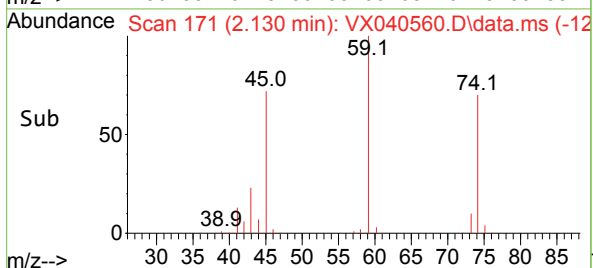
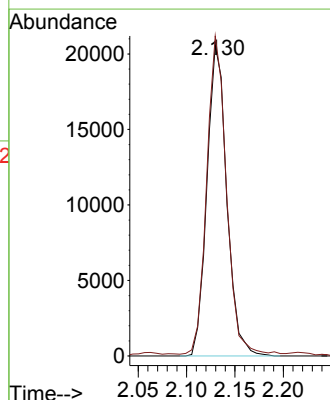
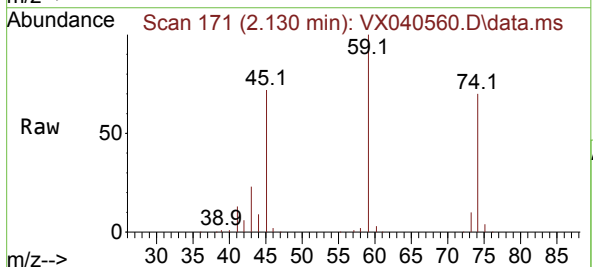
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

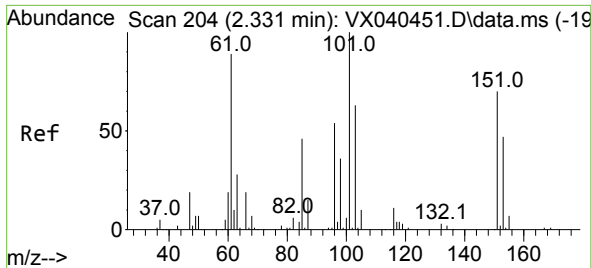
Tgt Ion:101 Resp: 87165
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 42.375 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX040560.D
 Acq: 04 Mar 2024 10:24

Tgt Ion: 74 Resp: 29437
 Ion Ratio Lower Upper
 74 100
 45 101.4 53.3 159.8

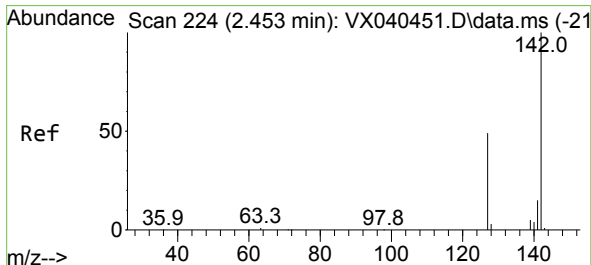
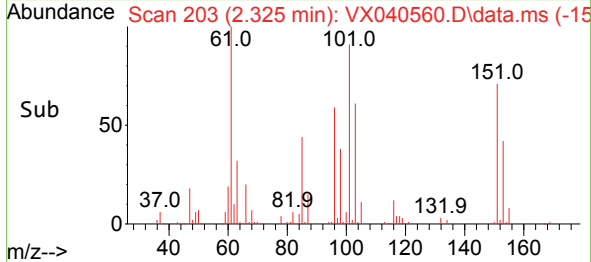
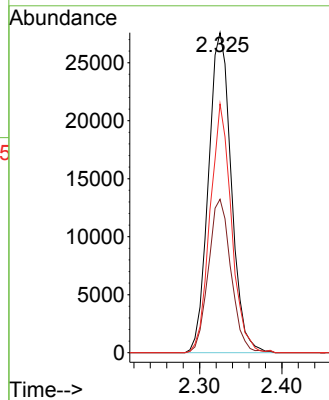
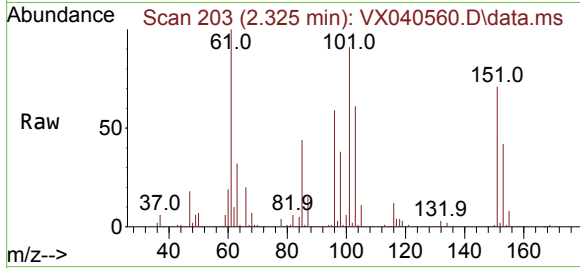




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.675 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040560.D
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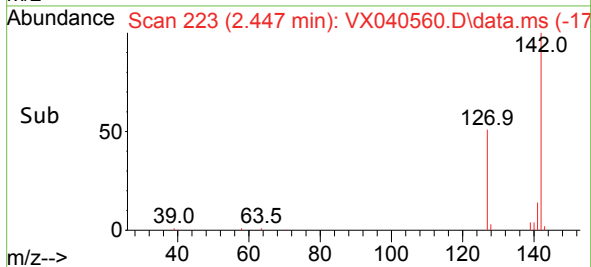
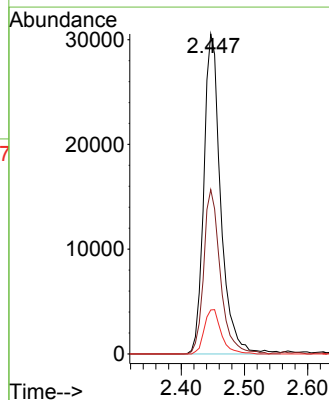
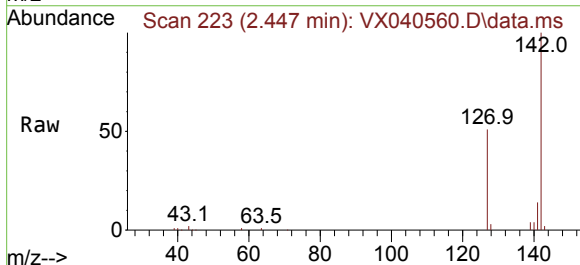
Instrument :
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ClientSampleId :
VSTDCCC050

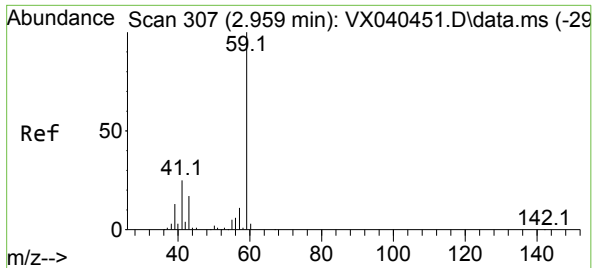
Tgt Ion:101 Resp: 53141
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 72.9 58.6 87.8



#10
Methyl Iodide
Concen: 51.100 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:142 Resp: 56892
Ion Ratio Lower Upper
142 100
127 50.6 41.6 62.4
141 14.0 11.6 17.4

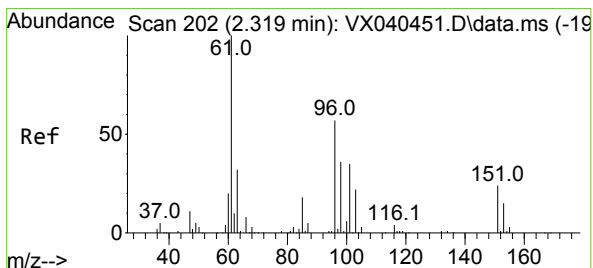
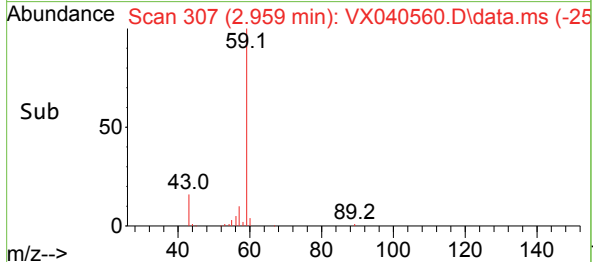
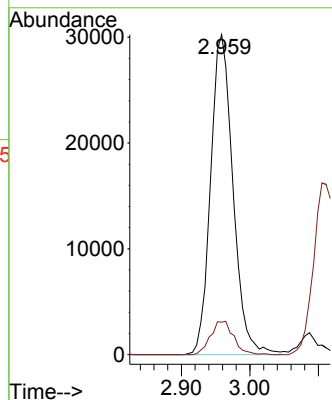
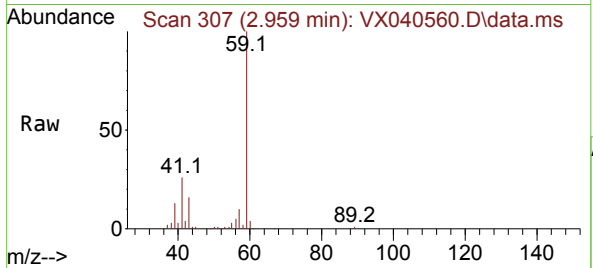




#11
Tert butyl alcohol
Concen: 258.814 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

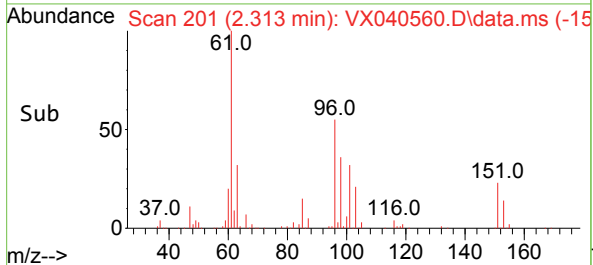
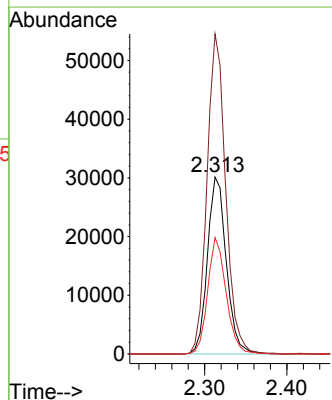
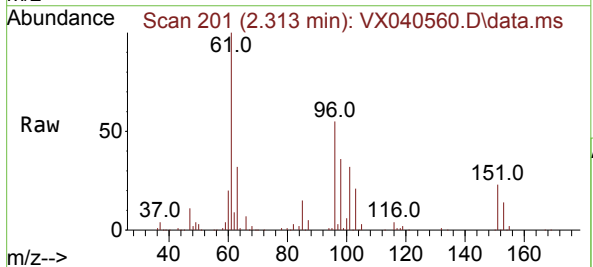
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

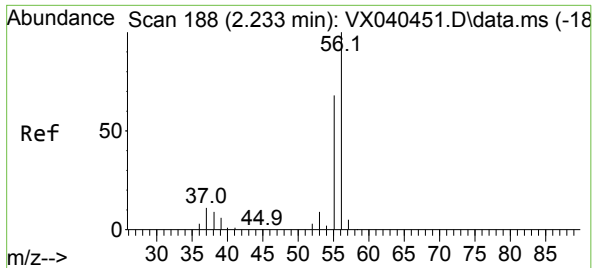
Tgt Ion: 59 Resp: 68600
Ion Ratio Lower Upper
59 100
57 10.8 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 44.761 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 96 Resp: 48075
Ion Ratio Lower Upper
96 100
61 181.0 144.6 216.8
98 65.8 50.4 75.6

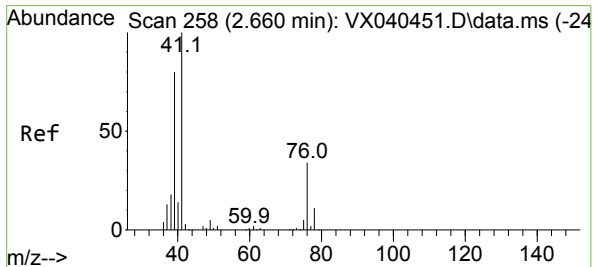
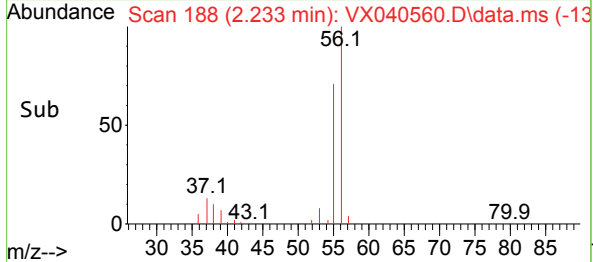
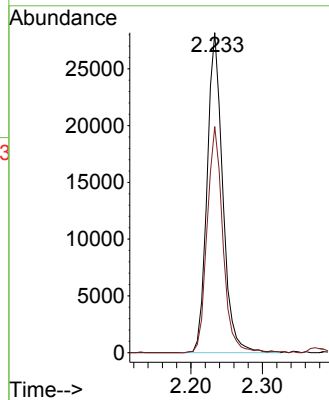
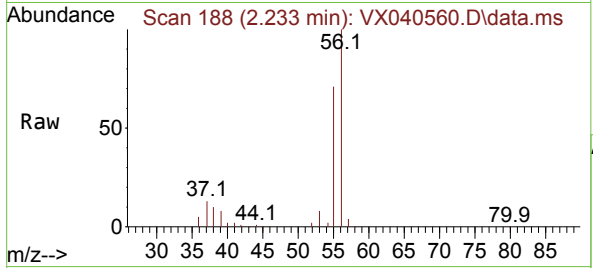




#13
Acrolein
Concen: 251.852 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

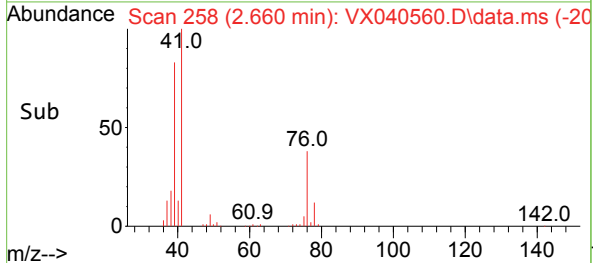
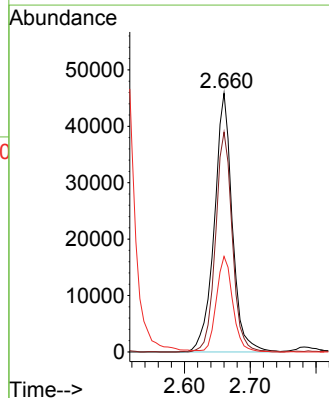
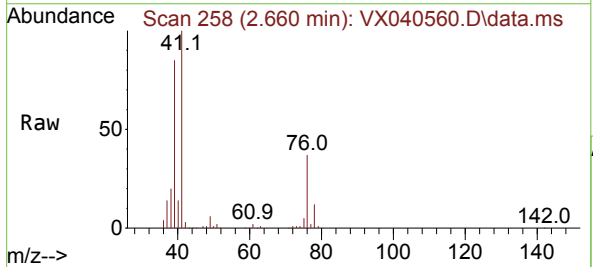
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

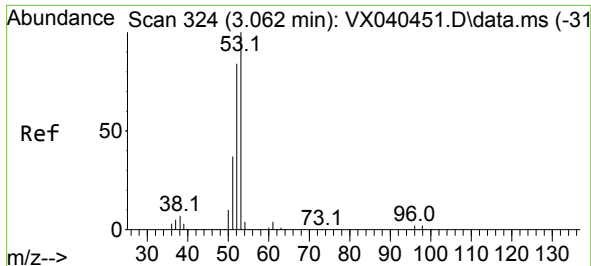
Tgt Ion: 56 Resp: 42798
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7



#14
Allyl chloride
Concen: 46.537 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 41 Resp: 87444
Ion Ratio Lower Upper
41 100
39 79.2 55.8 83.6
76 33.5 24.3 36.5

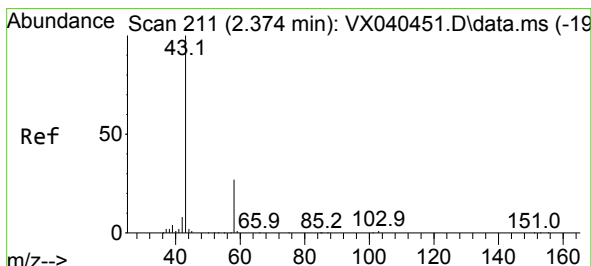
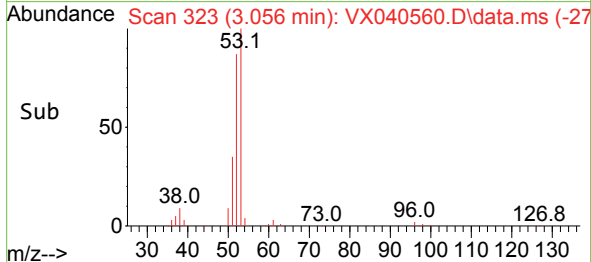
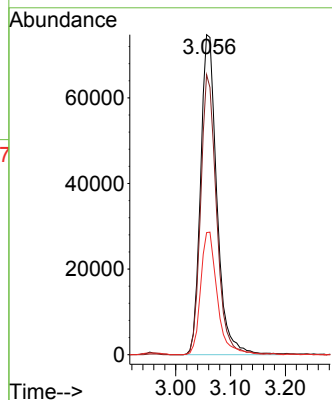
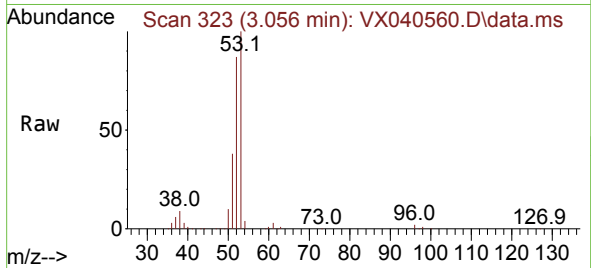




#15
Acrylonitrile
Concen: 232.304 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

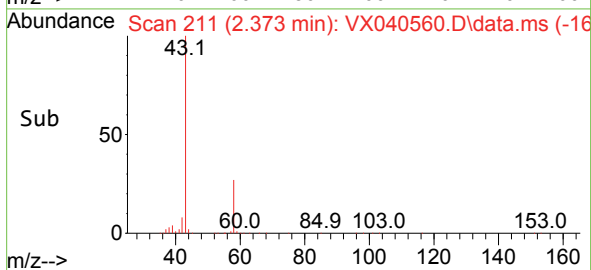
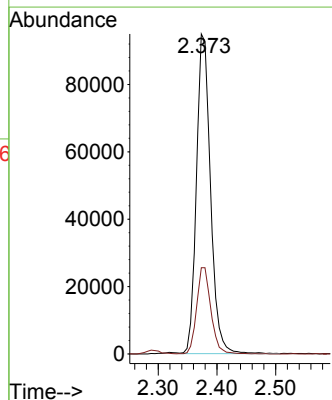
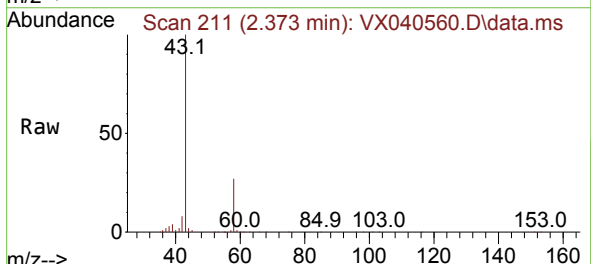
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

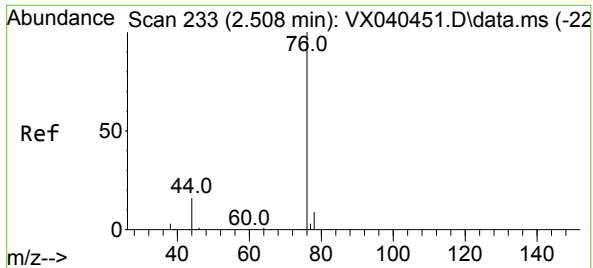
Tgt Ion: 53 Resp: 154451
Ion Ratio Lower Upper
53 100
52 85.6 66.0 99.0
51 39.1 29.8 44.6



#16
Acetone
Concen: 306.580 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 43 Resp: 157642
Ion Ratio Lower Upper
43 100
58 27.0 21.9 32.9

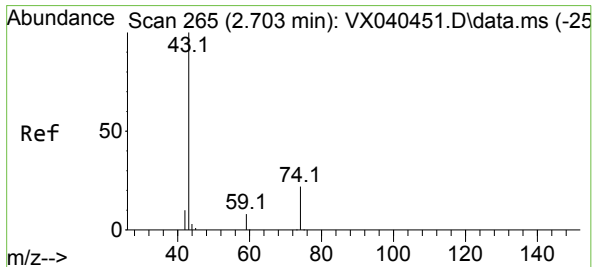
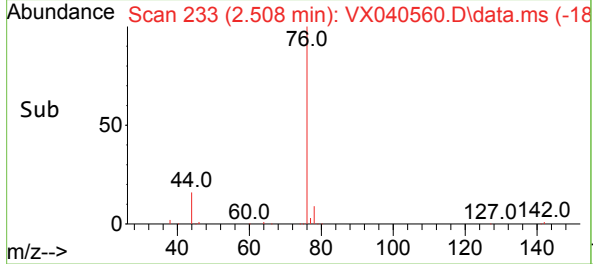
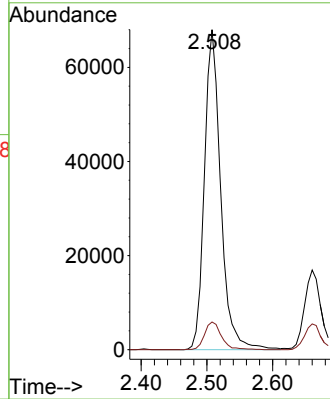
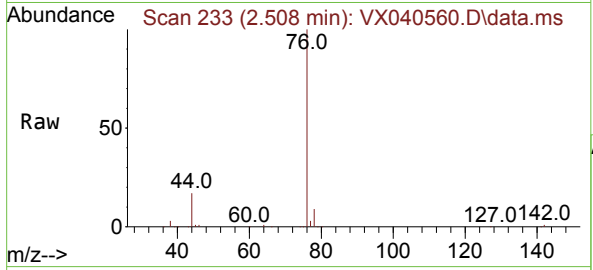




#17
Carbon Disulfide
Concen: 39.378 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

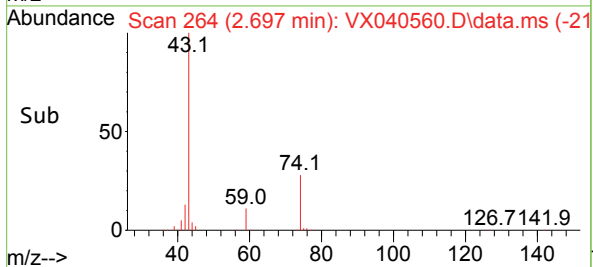
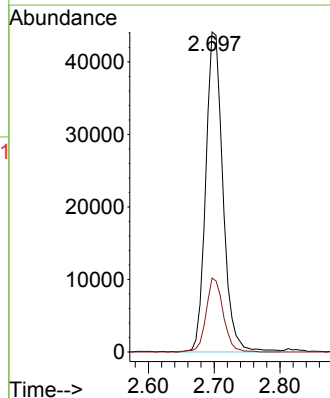
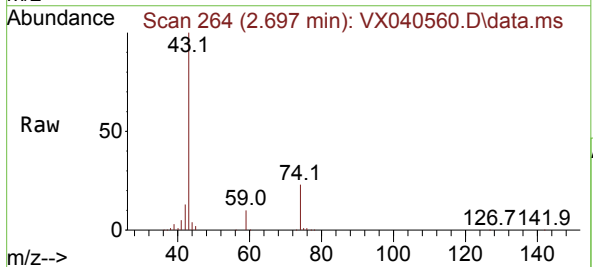
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

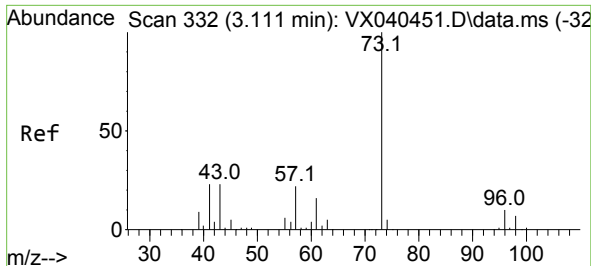
Tgt Ion: 76 Resp: 117121
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 50.623 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 43 Resp: 80250
Ion Ratio Lower Upper
43 100
74 23.0 17.8 26.8

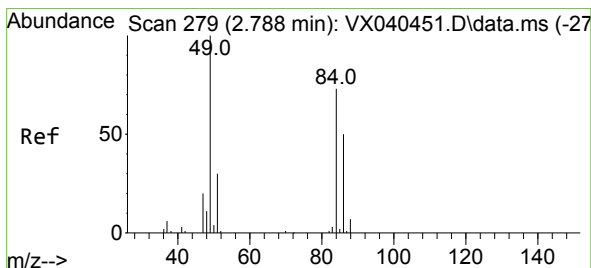
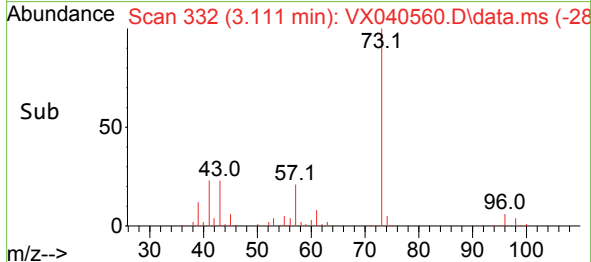
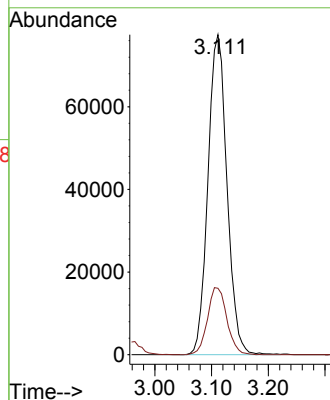
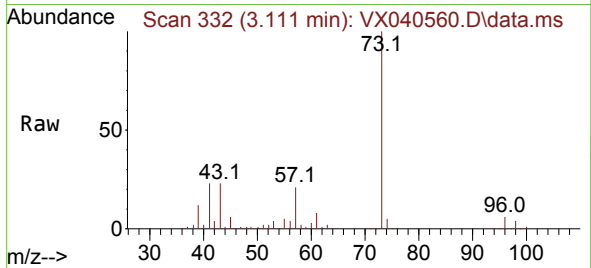




#19
Methyl tert-butyl Ether
Concen: 49.274 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

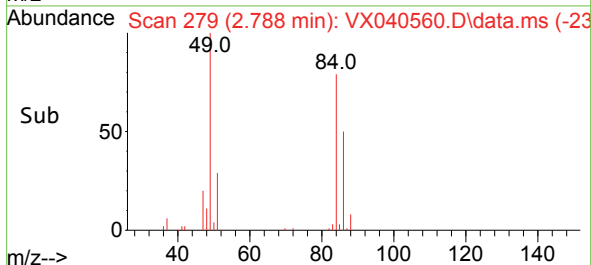
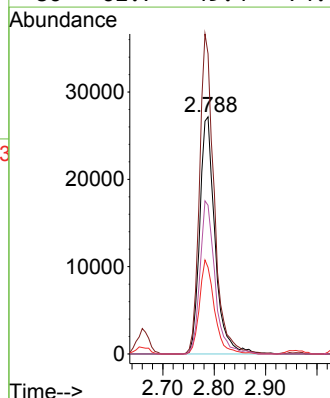
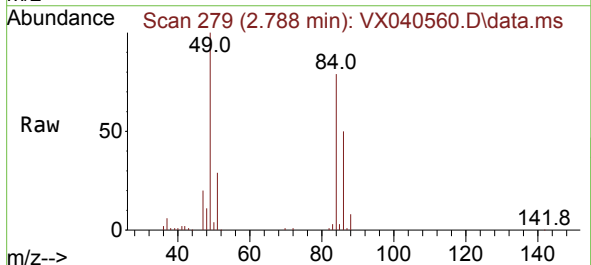
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

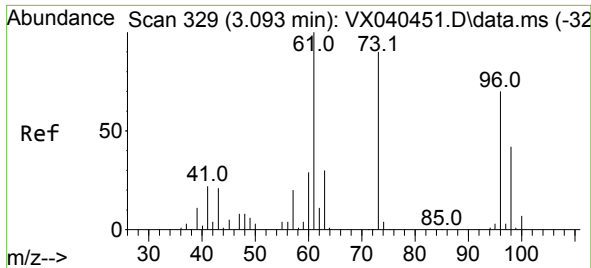
Tgt Ion: 73 Resp: 180515
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 45.605 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 84 Resp: 56116
Ion Ratio Lower Upper
84 100
49 126.6 103.6 155.4
51 36.5 33.8 50.6
86 62.7 49.4 74.0

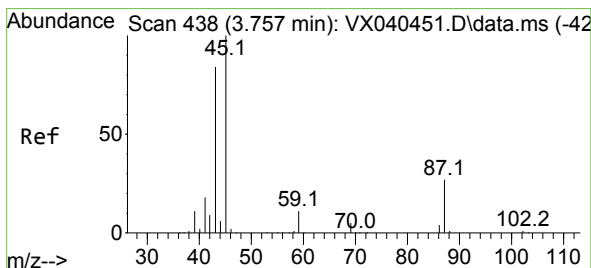
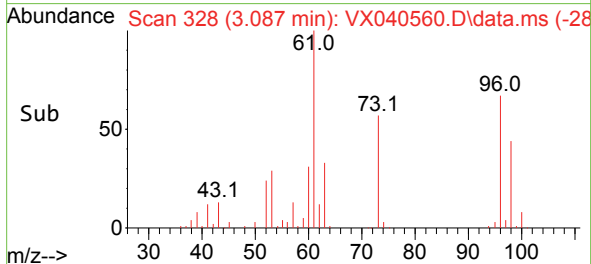
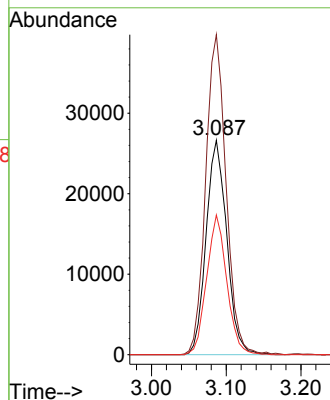
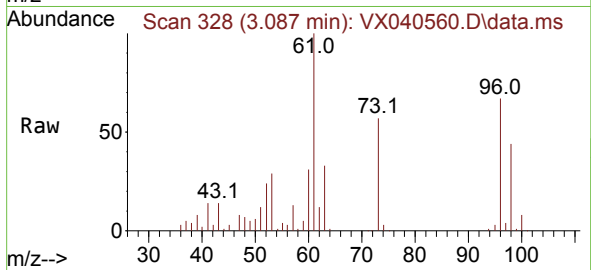




#21
trans-1,2-Dichloroethene
Concen: 44.643 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

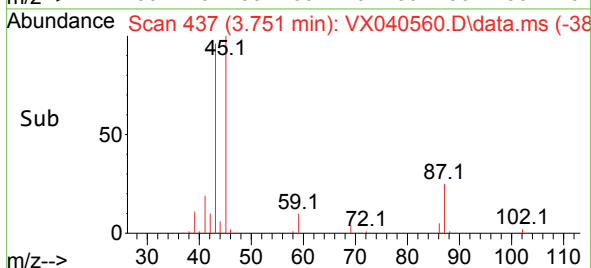
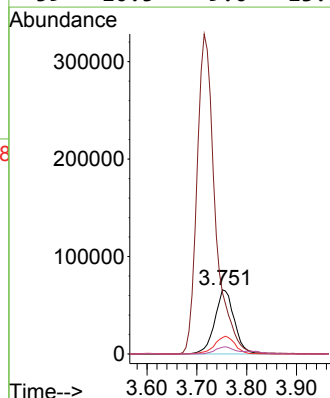
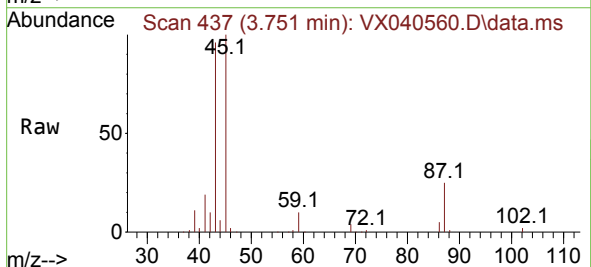
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

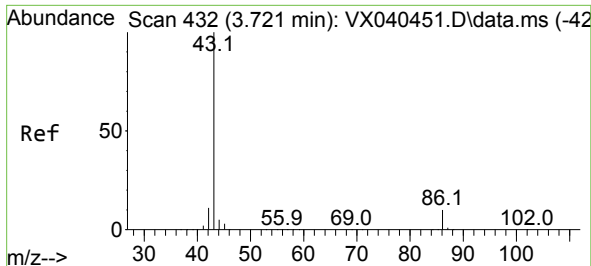
Tgt Ion: 96 Resp: 51135
Ion Ratio Lower Upper
96 100
61 149.3 119.2 178.8
98 65.2 48.7 73.1



#22
Diisopropyl ether
Concen: 47.422 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 45 Resp: 179067
Ion Ratio Lower Upper
45 100
43 95.2 69.7 104.5
87 25.4 20.8 31.2
59 10.5 9.0 13.4





#23

Vinyl Acetate

Concen: 241.099 ug/l

RT: 3.715 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

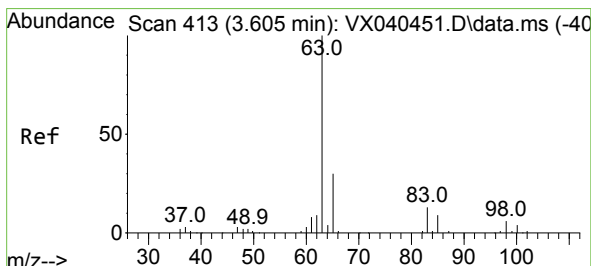
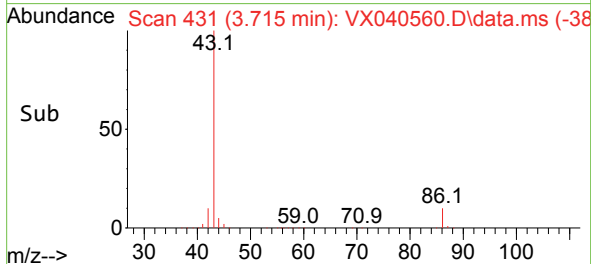
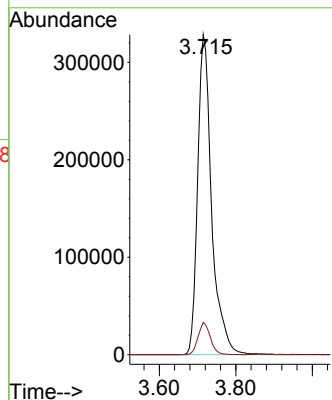
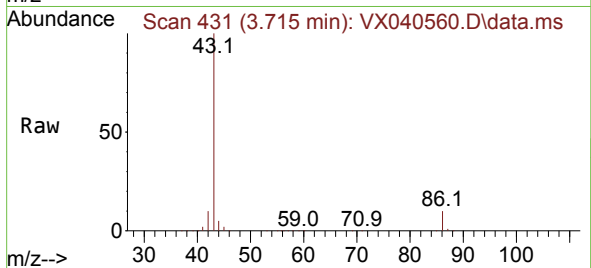
VSTDCCC050

Tgt Ion: 43 Resp: 833944

Ion Ratio Lower Upper

43 100

86 10.2 7.8 11.8



#24

1,1-Dichloroethane

Concen: 46.960 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

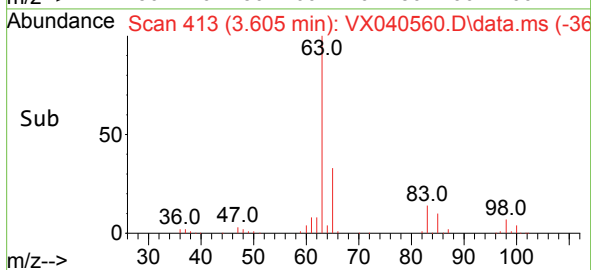
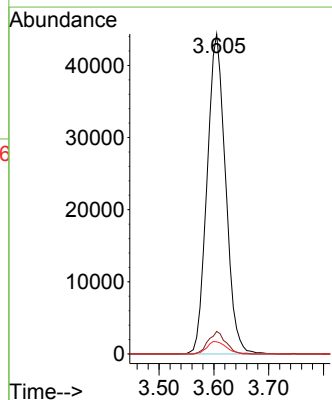
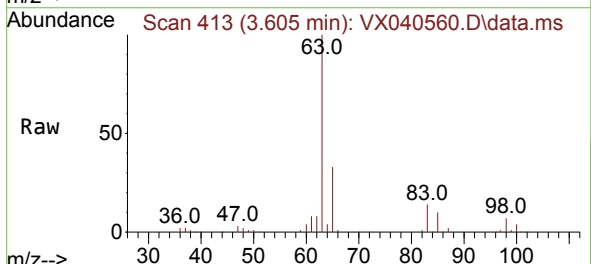
Tgt Ion: 63 Resp: 103403

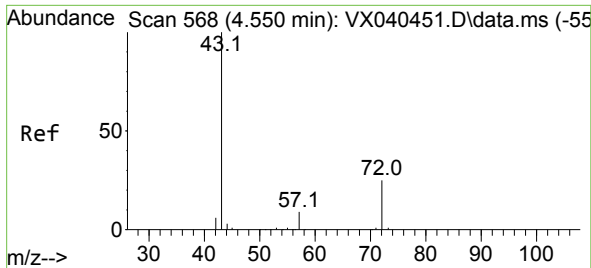
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 3.8 2.1 6.5

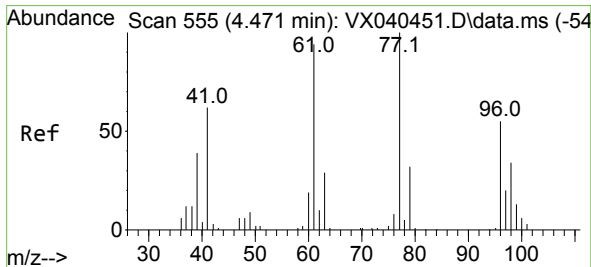
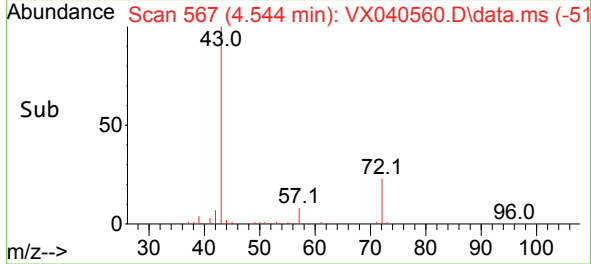
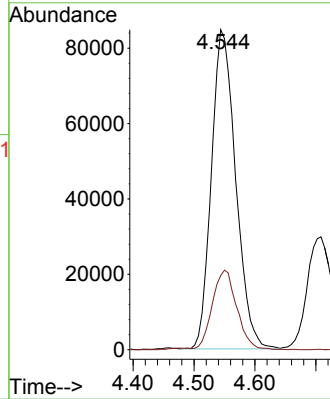
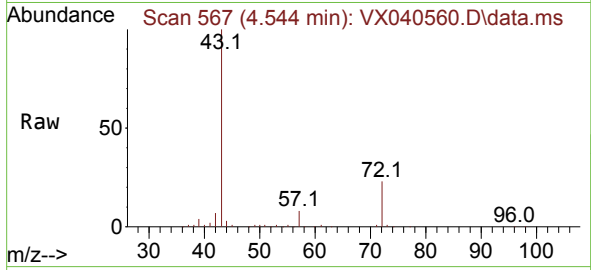




#25
2-Butanone
Concen: 261.685 ug/l
RT: 4.544 min Scan# 567
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

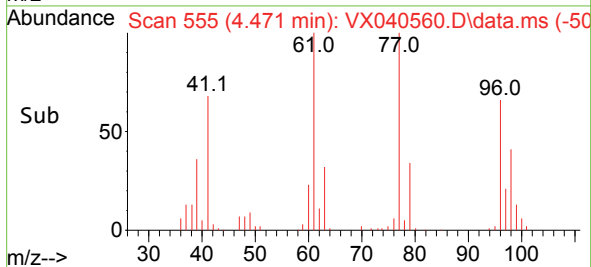
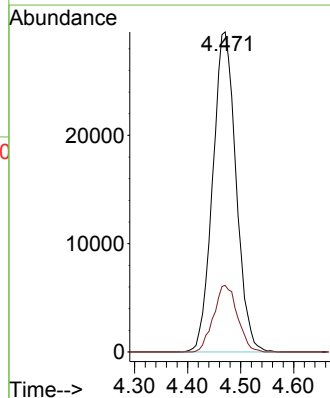
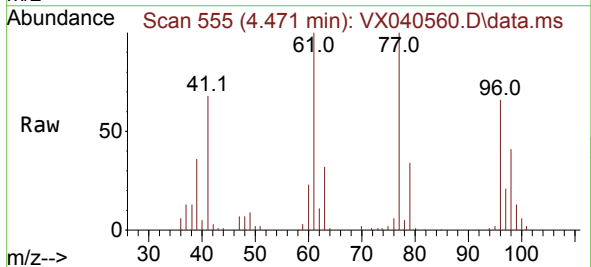
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

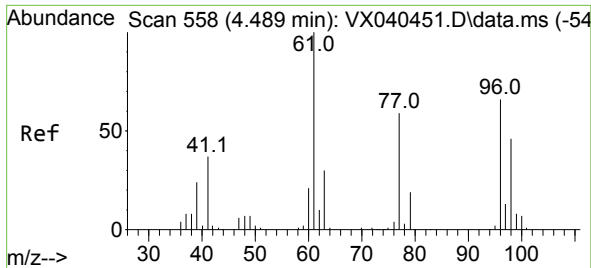
Tgt Ion: 43 Resp: 234439
Ion Ratio Lower Upper
43 100
72 23.1 19.4 29.2



#26
2,2-Dichloropropane
Concen: 51.492 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 77 Resp: 90275
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 46.557 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

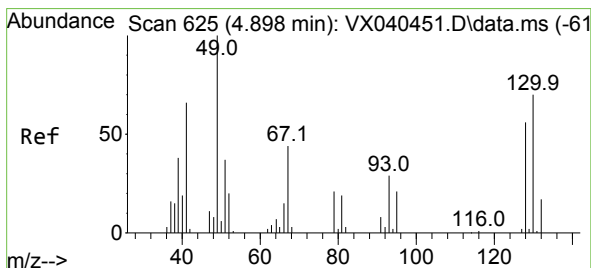
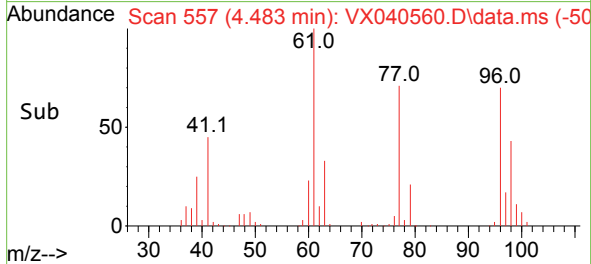
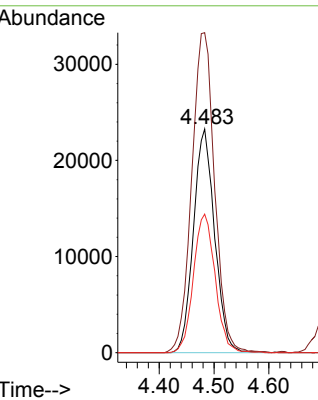
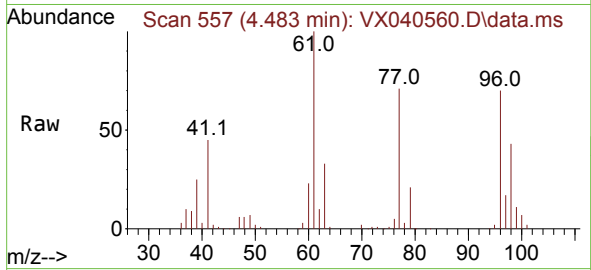
Tgt Ion: 96 Resp: 62387

Ion Ratio Lower Upper

96 100

61 154.6 0.0 312.2

98 63.6 0.0 129.0



#28

Bromochloromethane

Concen: 42.359 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

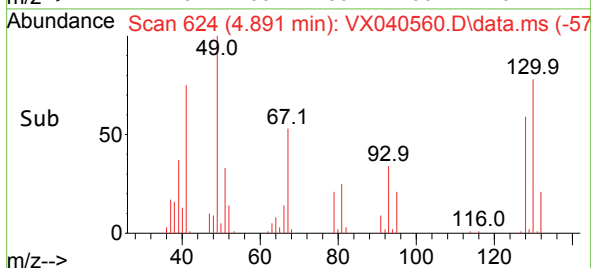
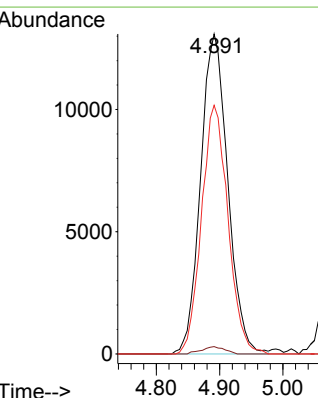
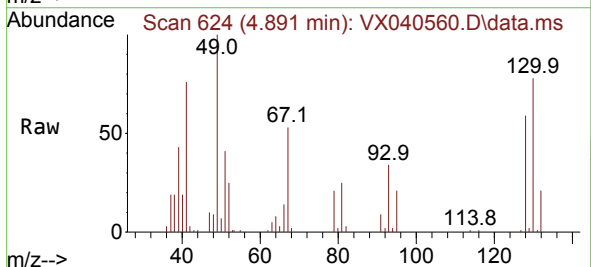
Tgt Ion: 49 Resp: 39017

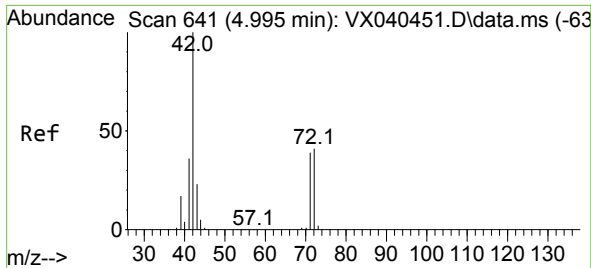
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.7 57.5 86.3

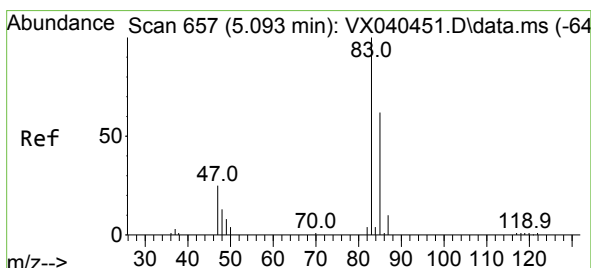
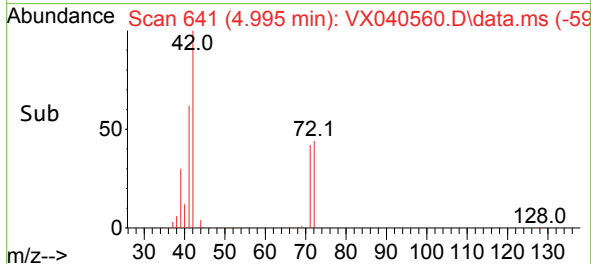
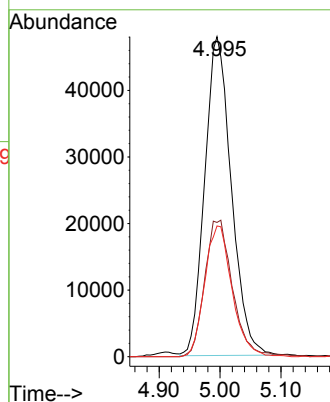
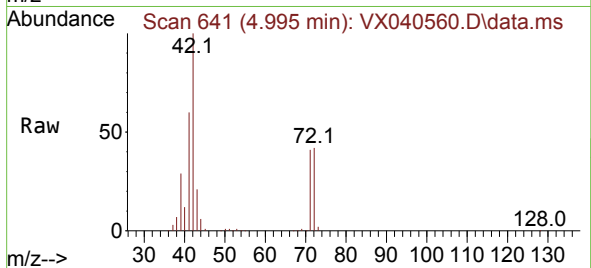




#29
Tetrahydrofuran
Concen: 232.915 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

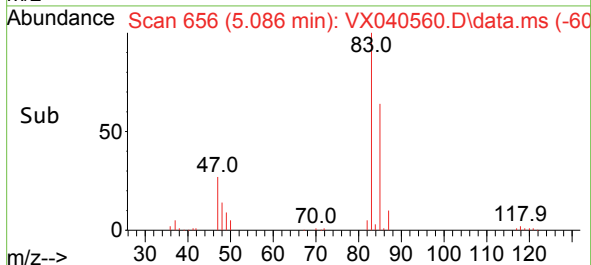
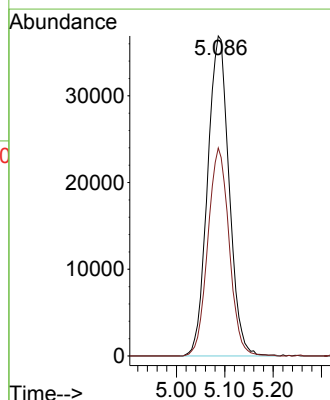
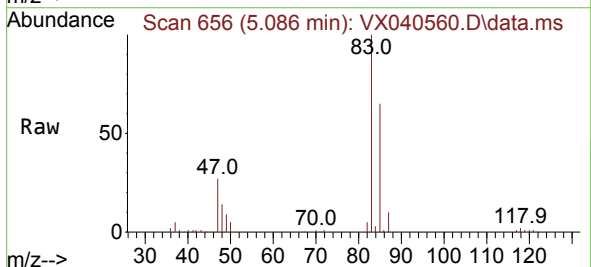
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

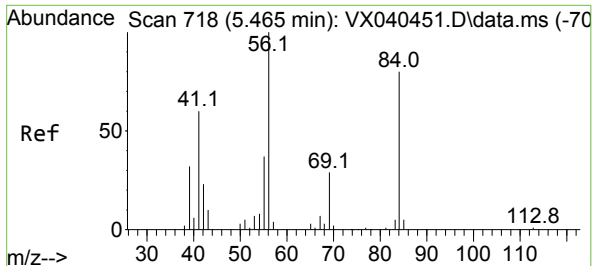
Tgt Ion: 42 Resp: 145568
Ion Ratio Lower Upper
42 100
72 44.9 34.2 51.4
71 42.1 32.2 48.2



#30
Chloroform
Concen: 48.817 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 83 Resp: 114098
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5

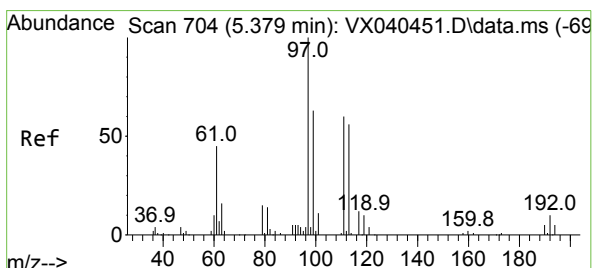
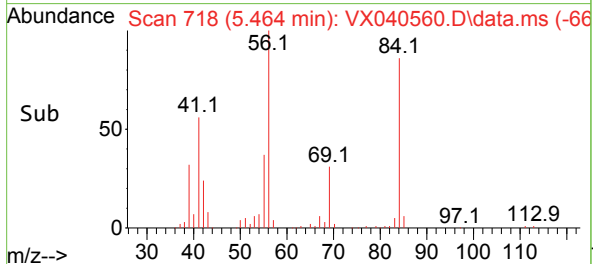
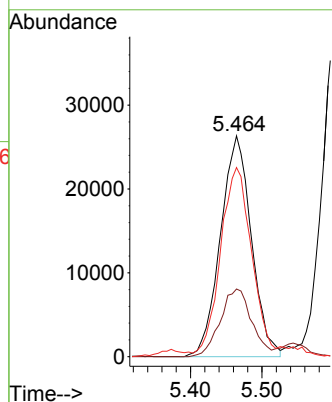
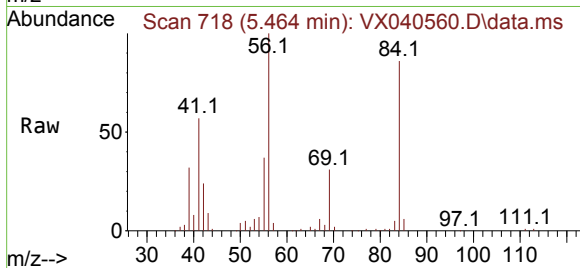




#31
Cyclohexane
Concen: 44.241 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

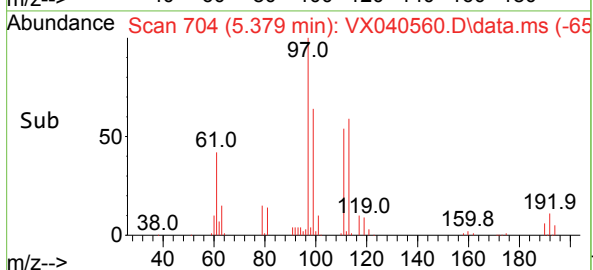
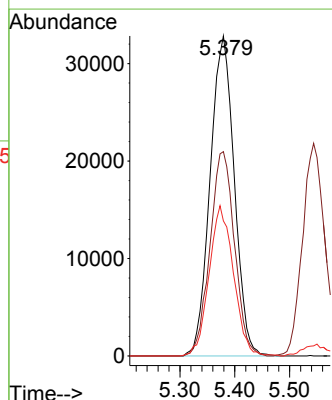
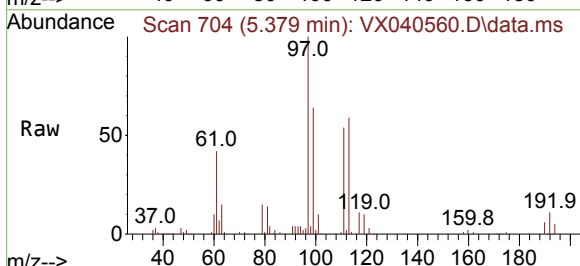
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

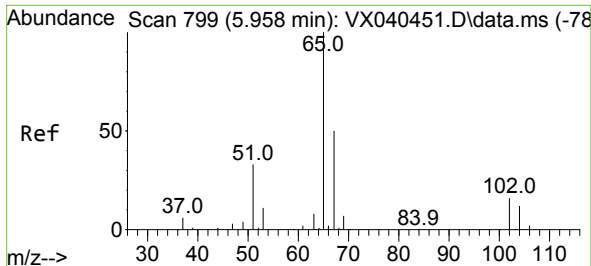
Tgt Ion:	56	Resp:	79030
Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.4	35.2
84	83.6	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 50.427 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:	97	Resp:	100596
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	47.4	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 49.313 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

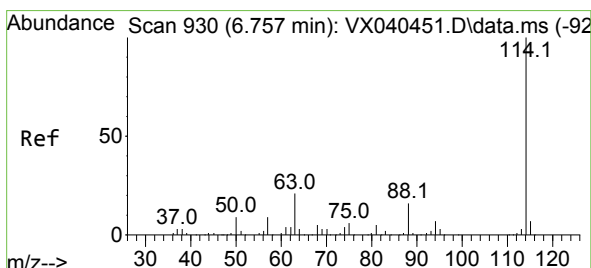
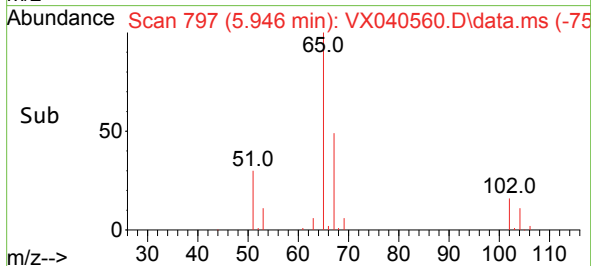
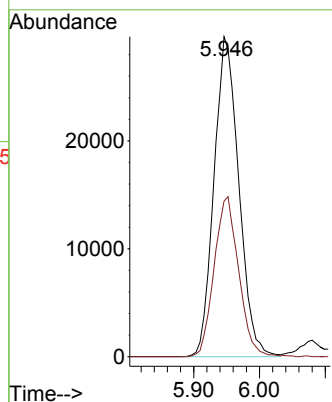
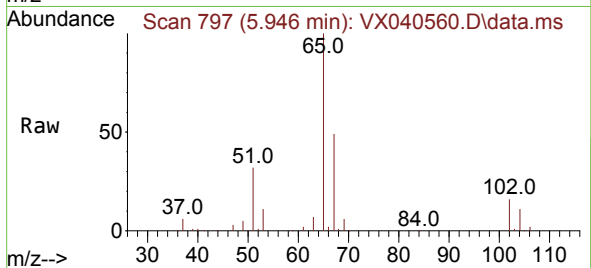
VSTDCCC050

Tgt Ion: 65 Resp: 77753

Ion Ratio Lower Upper

65 100

67 49.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

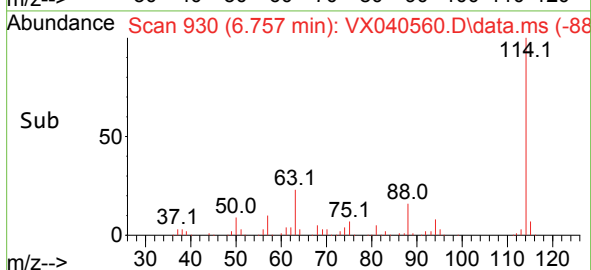
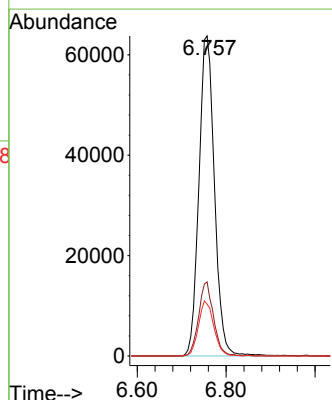
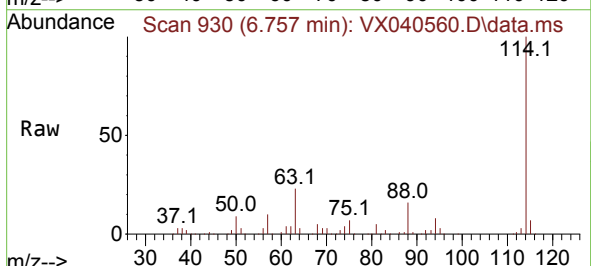
Tgt Ion: 114 Resp: 155353

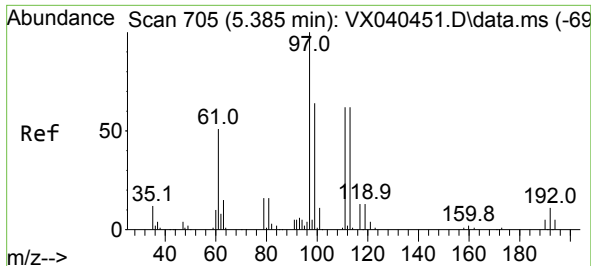
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.457 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

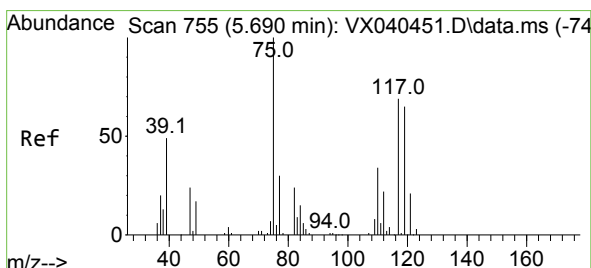
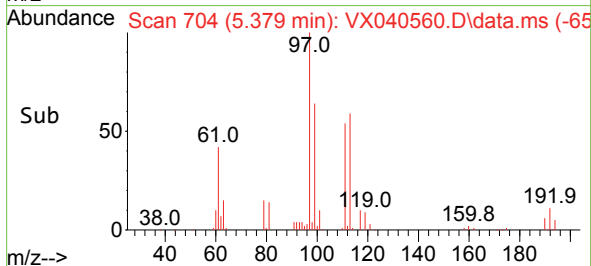
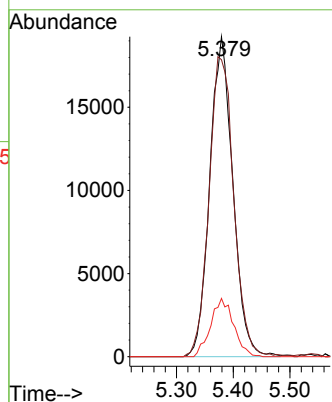
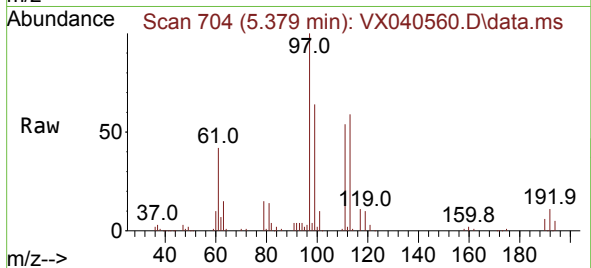
Tgt Ion:113 Resp: 54509

Ion Ratio Lower Upper

113 100

111 100.3 82.9 124.3

192 18.1 13.3 19.9



#36

1,1-Dichloropropene

Concen: 47.225 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

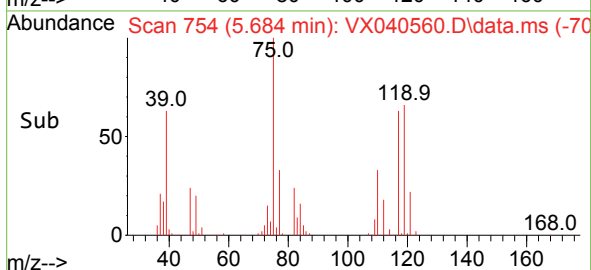
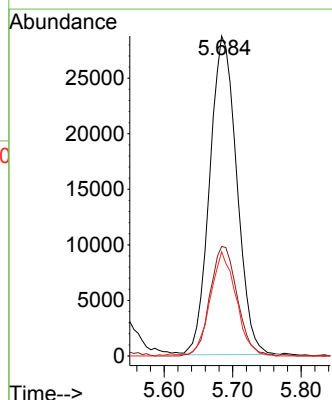
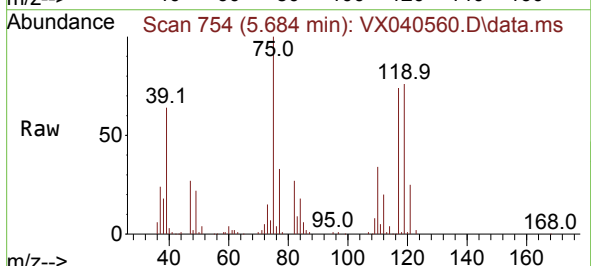
Tgt Ion: 75 Resp: 78603

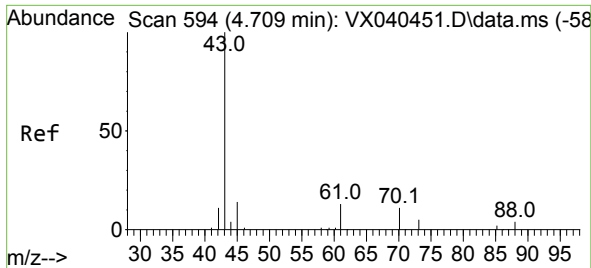
Ion Ratio Lower Upper

75 100

110 34.6 17.0 50.9

77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 48.804 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

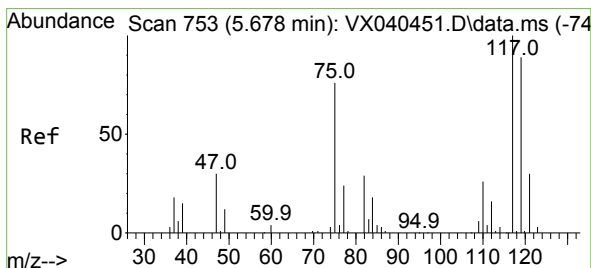
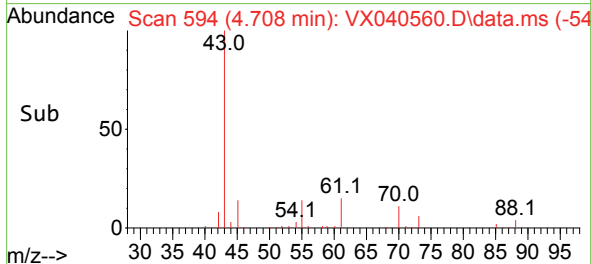
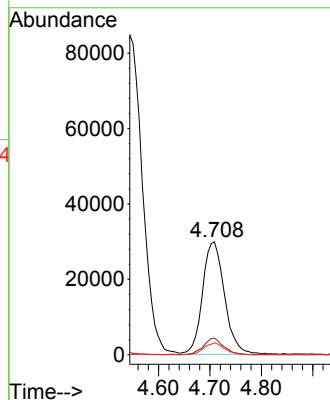
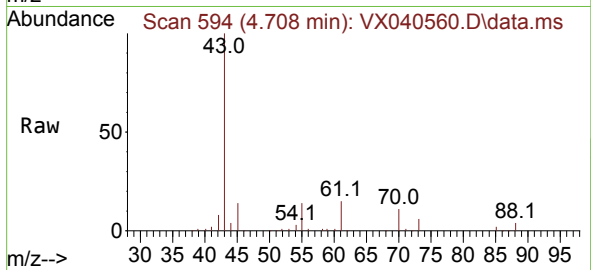
Tgt Ion: 43 Resp: 88900

Ion Ratio Lower Upper

43 100

61 13.5 10.6 16.0

70 9.8 8.3 12.5



#38

Carbon Tetrachloride

Concen: 52.433 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

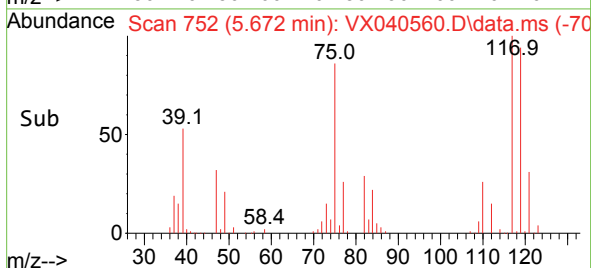
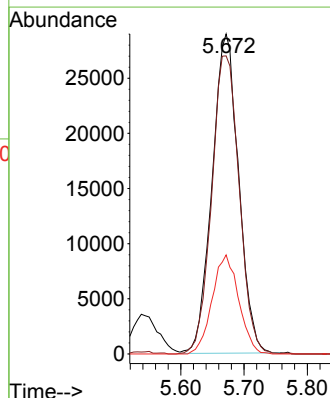
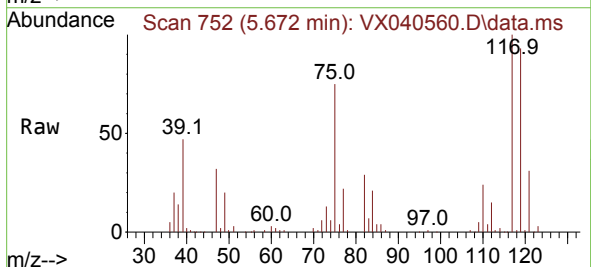
Tgt Ion: 117 Resp: 84309

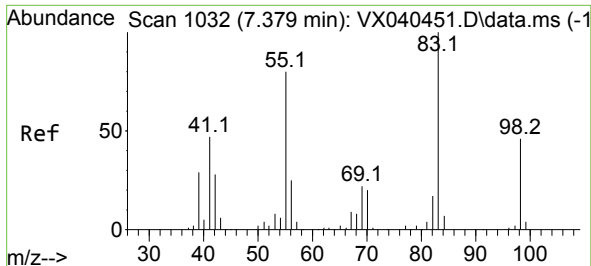
Ion Ratio Lower Upper

117 100

119 93.3 78.2 117.2

121 31.1 24.4 36.6





#39

Methylcyclohexane

Concen: 48.784 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

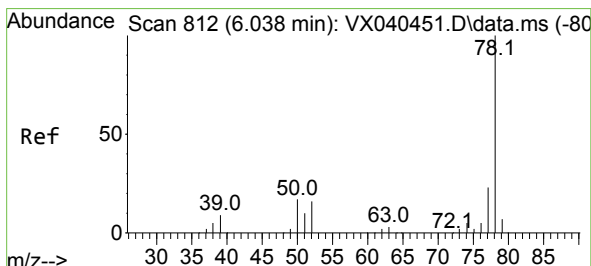
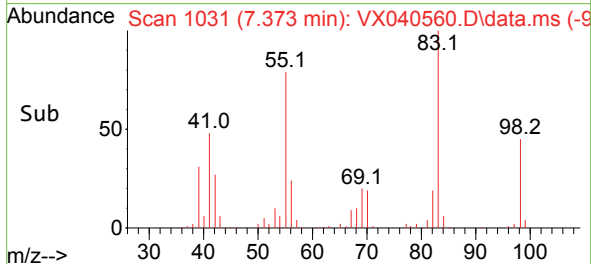
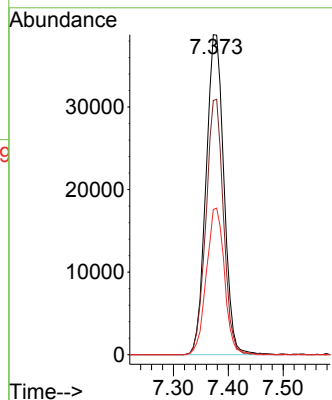
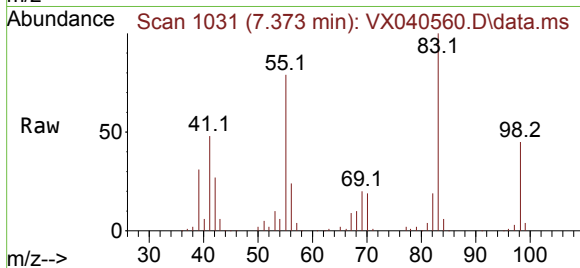
Tgt Ion: 83 Resp: 87665

Ion Ratio Lower Upper

83 100

55 79.4 64.6 97.0

98 45.4 36.7 55.1



#40

Benzene

Concen: 47.021 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX040560.D

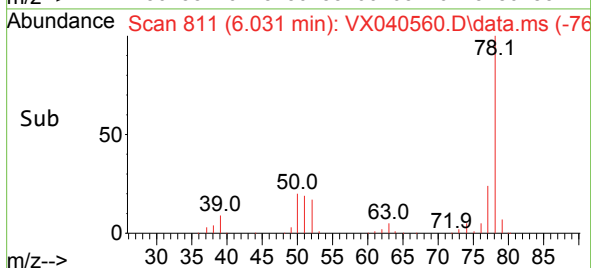
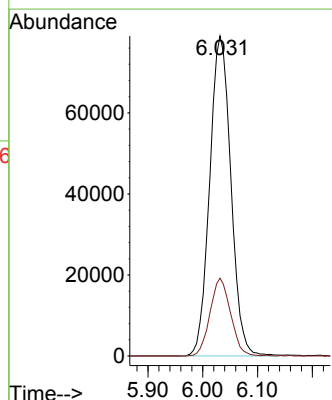
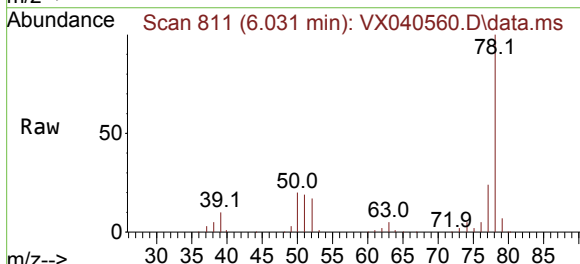
Acq: 04 Mar 2024 10:24

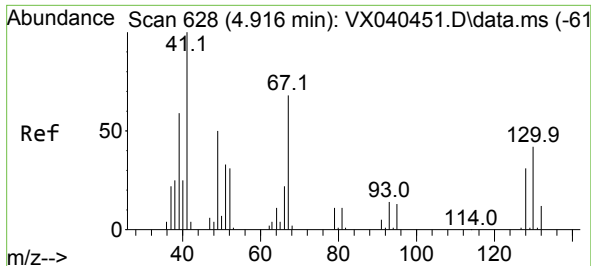
Tgt Ion: 78 Resp: 211890

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9

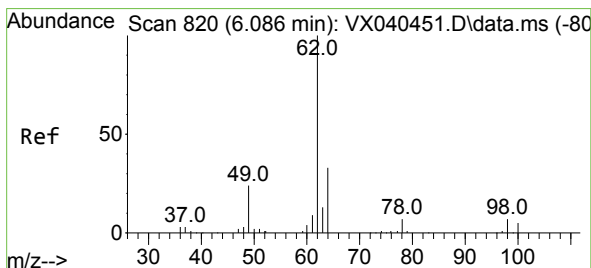
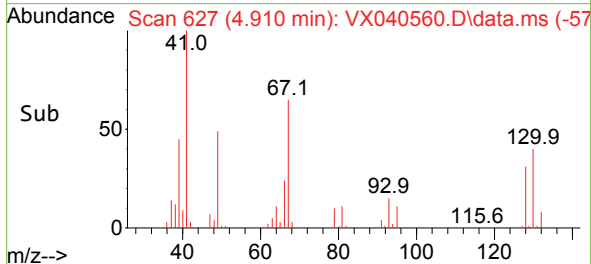
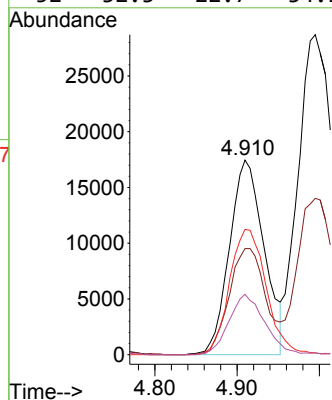
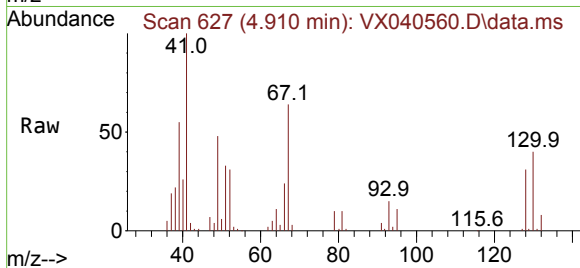




#41
Methacrylonitrile
Concen: 50.299 ug/l
RT: 4.910 min Scan# 611
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

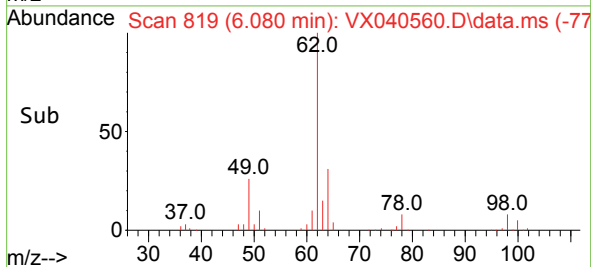
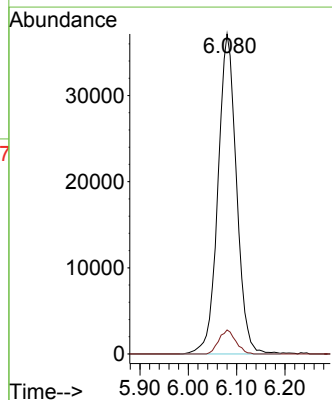
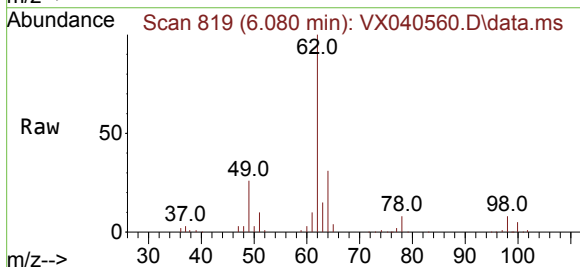
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

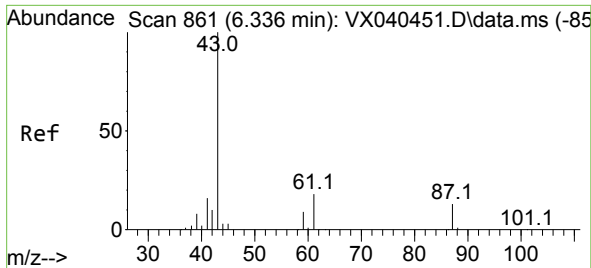
Tgt Ion:	41	Resp:	51179
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.2	67.8
67	68.3	52.6	78.8
52	32.3	22.7	34.1



#42
1,2-Dichloroethane
Concen: 52.976 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:	62	Resp:	98807
Ion	Ratio	Lower	Upper
62	100		
98	6.8	0.0	16.0

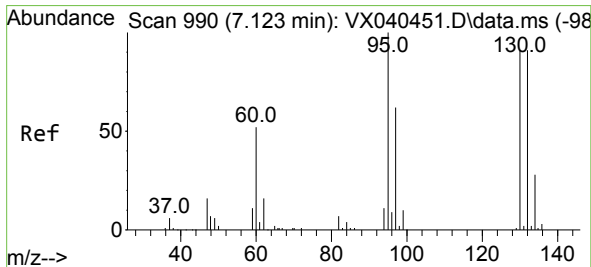
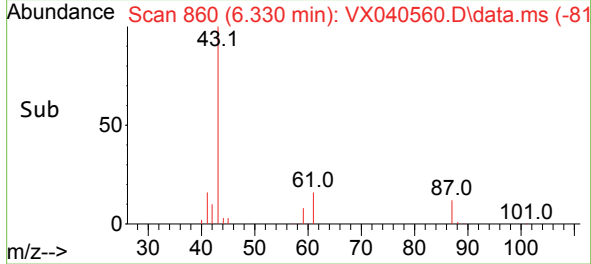
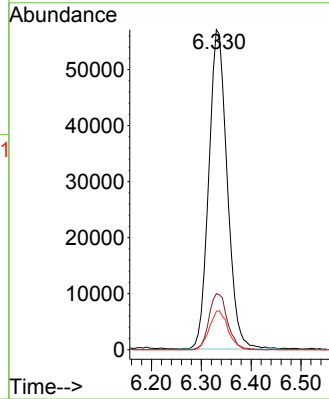
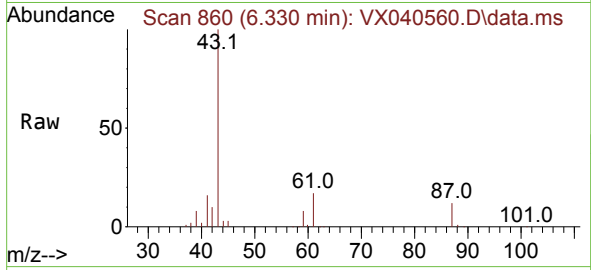




#43
Isopropyl Acetate
Concen: 51.288 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

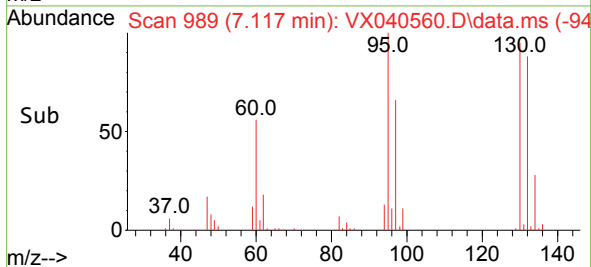
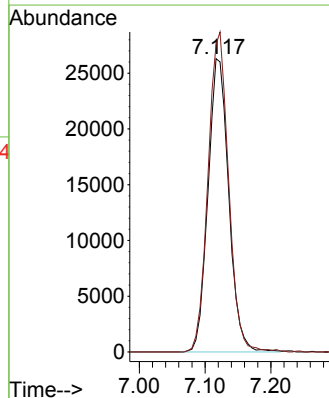
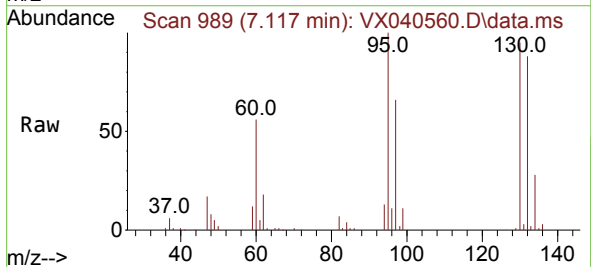
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

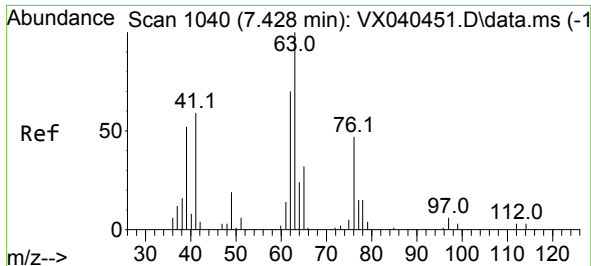
Tgt Ion: 43 Resp: 146594
Ion Ratio Lower Upper
43 100
61 17.6 15.2 22.8
87 12.3 9.8 14.6



#44
Trichloroethene
Concen: 47.632 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:130 Resp: 57726
Ion Ratio Lower Upper
130 100
95 104.8 0.0 204.4

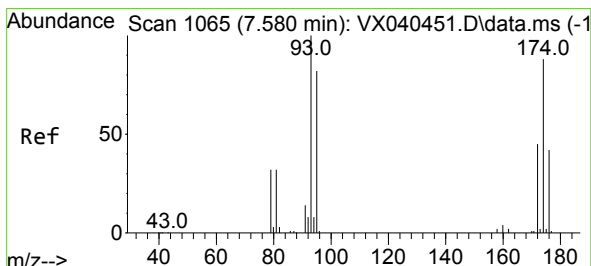
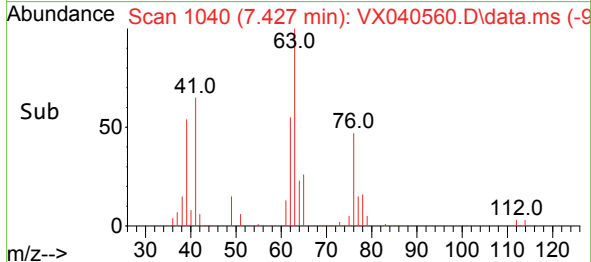
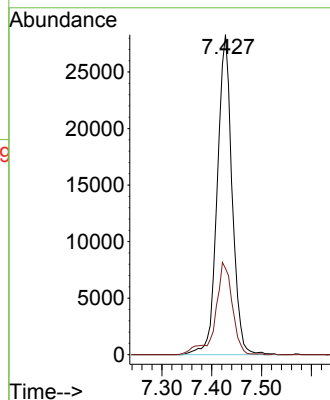
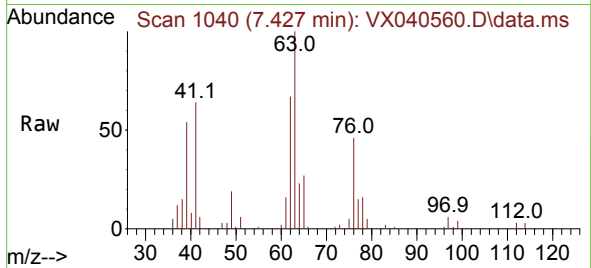




#45
1,2-Dichloropropane
Concen: 48.506 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

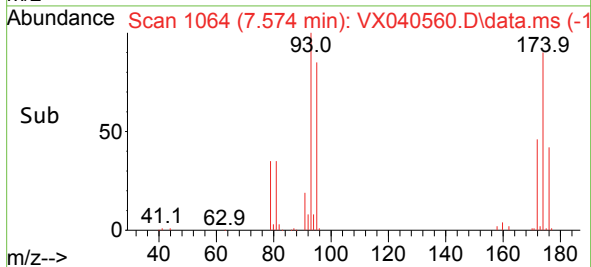
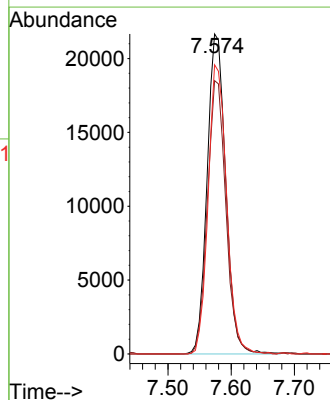
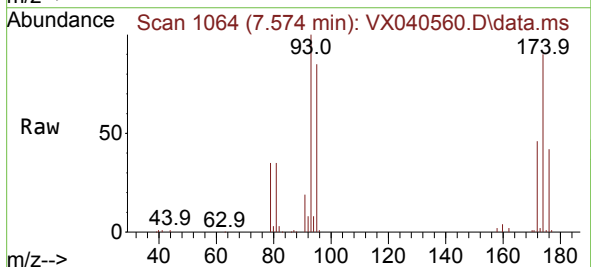
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

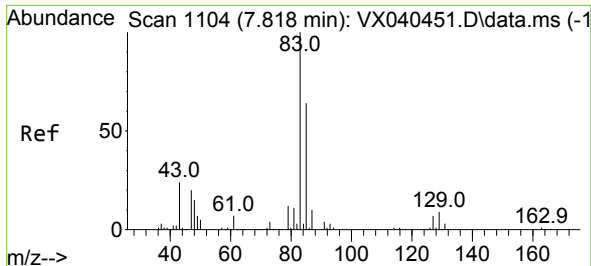
Tgt Ion: 63 Resp: 58499
Ion Ratio Lower Upper
63 100
65 26.9 24.3 36.5



#46
Dibromomethane
Concen: 50.120 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 93 Resp: 44440
Ion Ratio Lower Upper
93 100
95 84.7 66.6 100.0
174 89.4 69.4 104.0

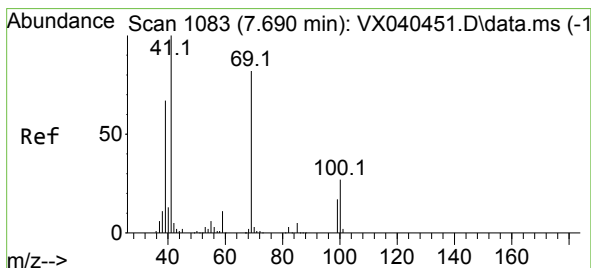
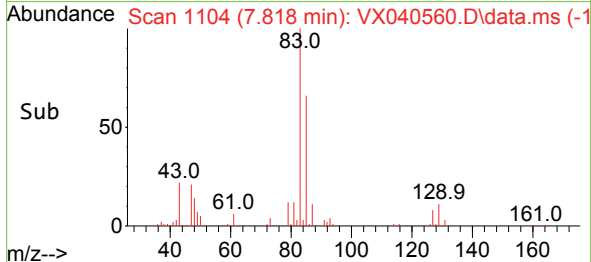
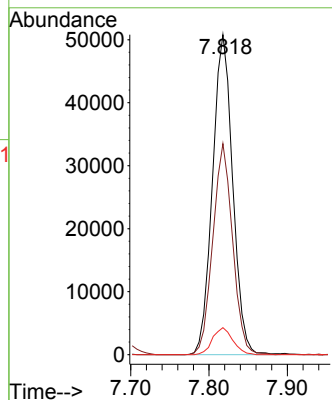
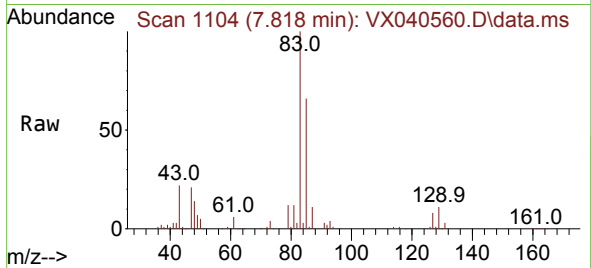




#47
Bromodichloromethane
Concen: 52.145 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

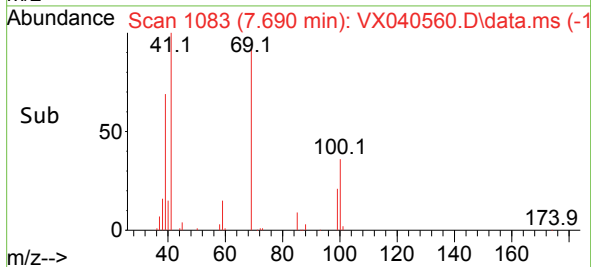
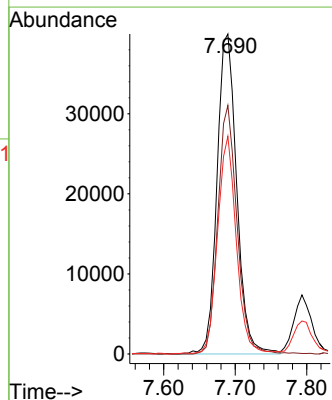
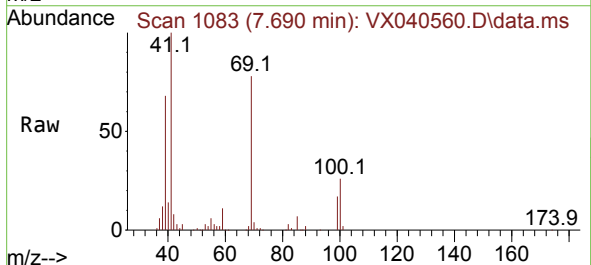
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

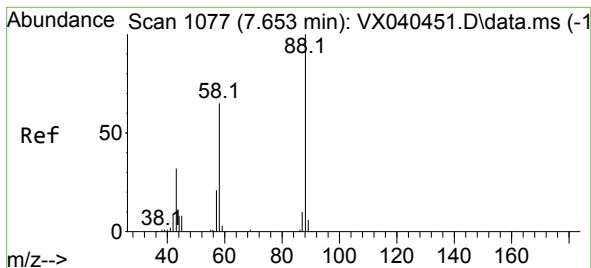
Tgt Ion: 83 Resp: 91034
Ion Ratio Lower Upper
83 100
85 66.0 49.8 74.6
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 53.480 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 41 Resp: 76402
Ion Ratio Lower Upper
41 100
69 75.9 59.2 88.8
39 65.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1030.610 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

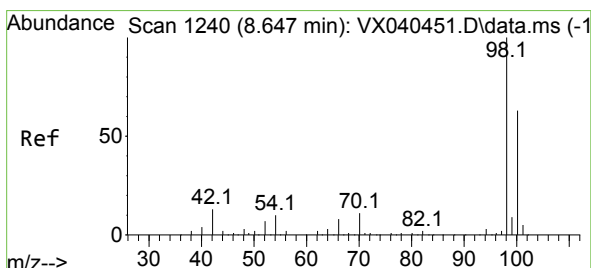
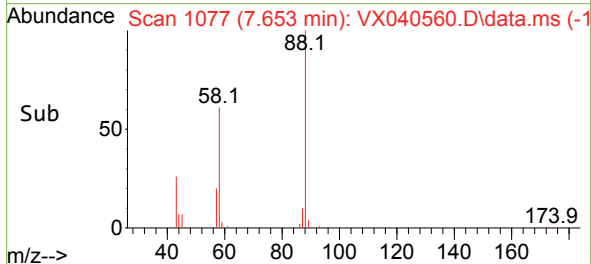
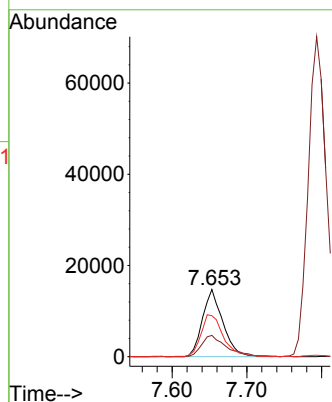
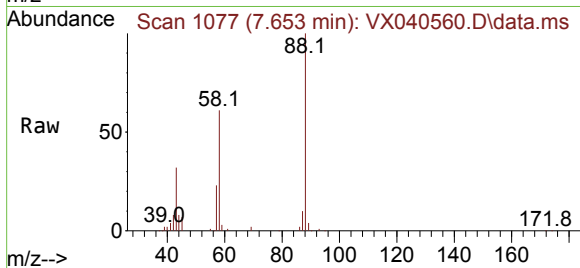
Tgt Ion: 88 Resp: 27852

Ion Ratio Lower Upper

88 100

43 39.1 0.0 0.0#

58 68.3 60.1 90.1



#50

Toluene-d8

Concen: 47.700 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040560.D

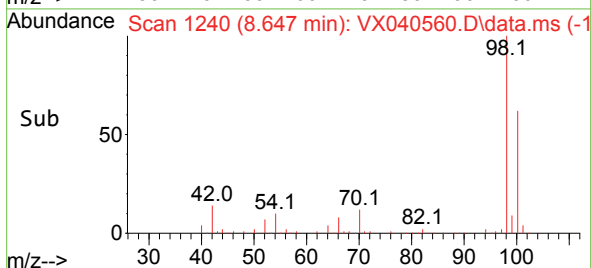
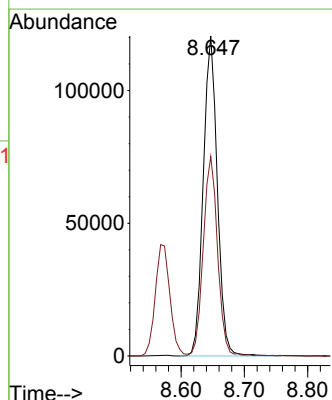
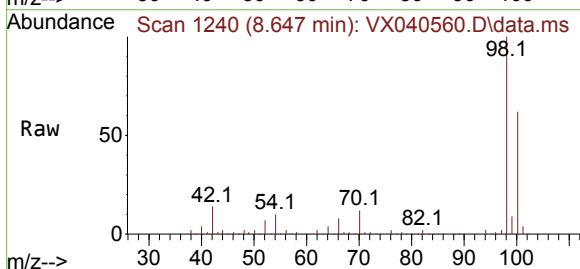
Acq: 04 Mar 2024 10:24

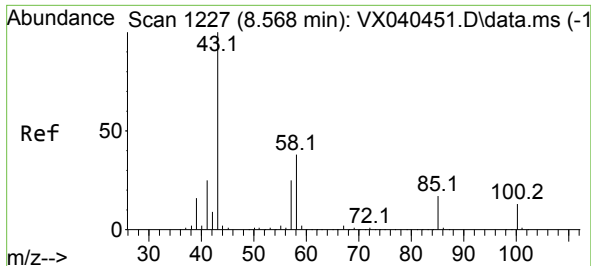
Tgt Ion: 98 Resp: 187049

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7

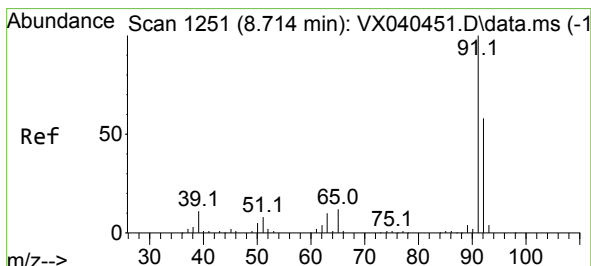
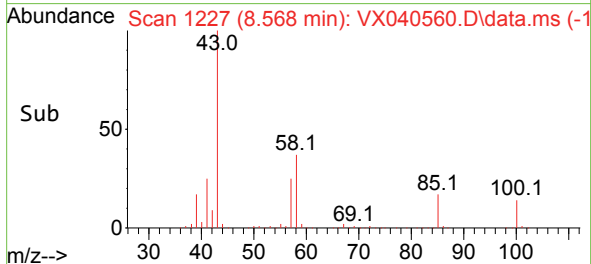
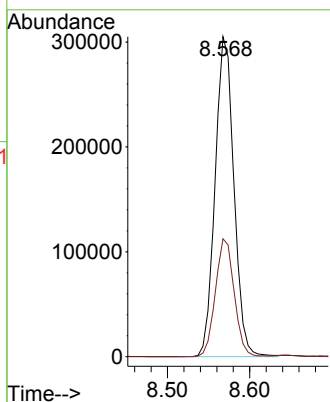
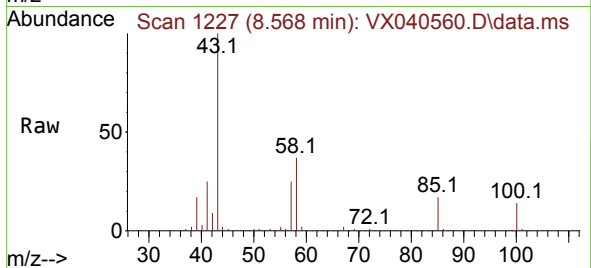




#51
4-Methyl-2-Pentanone
Concen: 256.801 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

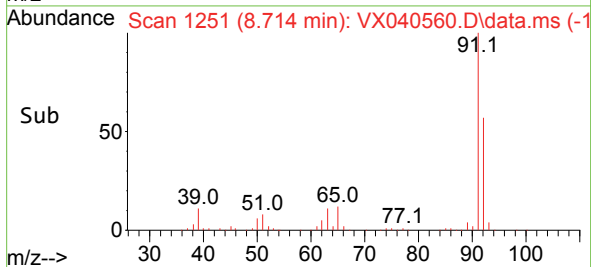
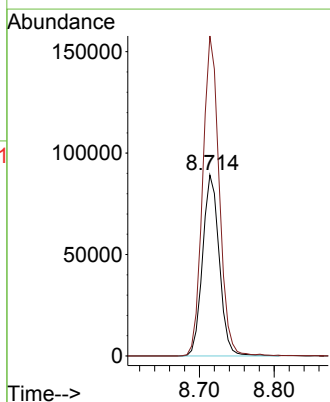
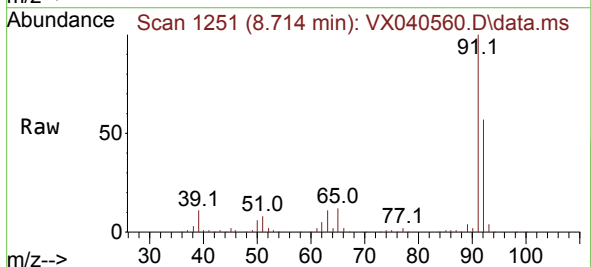
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

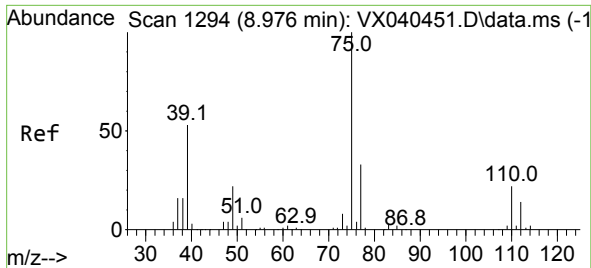
Tgt Ion: 43 Resp: 485293
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6



#52
Toluene
Concen: 49.960 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 92 Resp: 138169
Ion Ratio Lower Upper
92 100
91 176.3 134.2 201.2

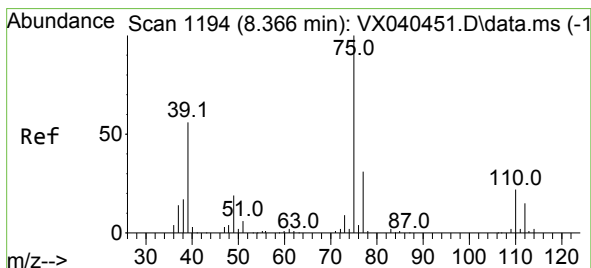
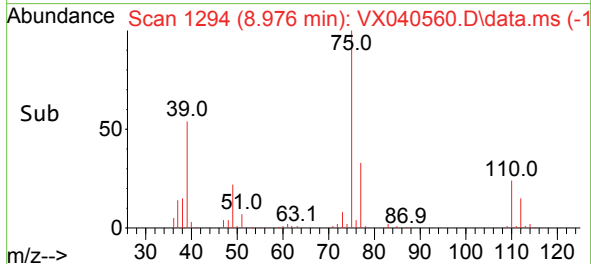
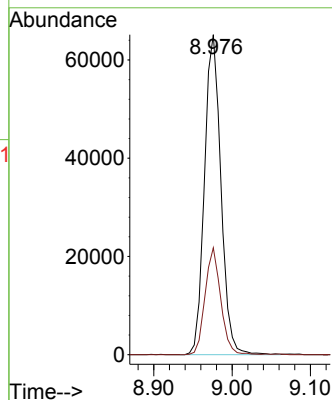
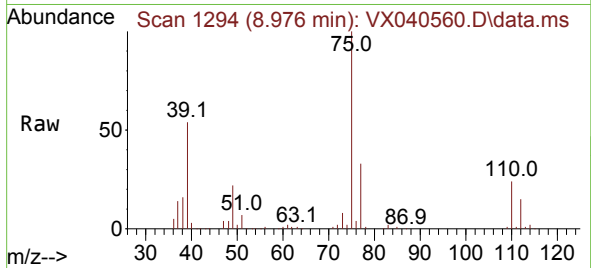




#53
 t-1,3-Dichloropropene
 Concen: 53.539 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX040560.D
 Acq: 04 Mar 2024 10:24

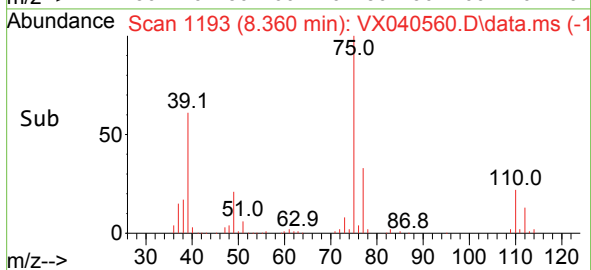
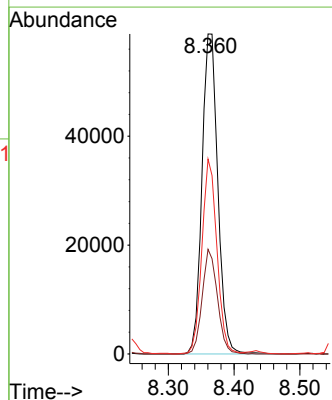
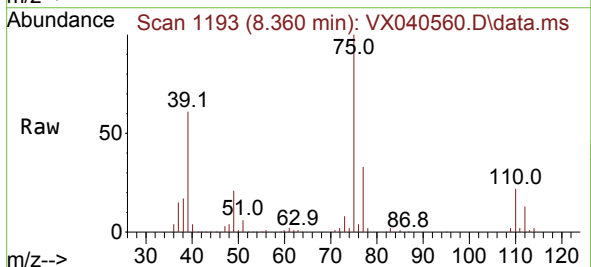
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

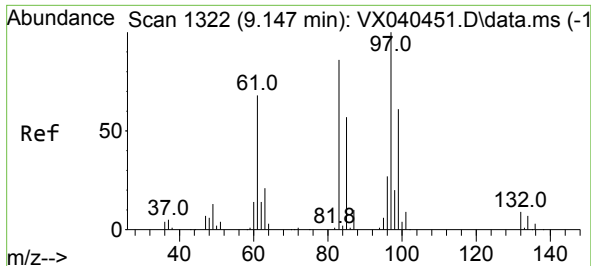
Tgt Ion: 75 Resp: 94856
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.707 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX040560.D
 Acq: 04 Mar 2024 10:24

Tgt Ion: 75 Resp: 98470
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.3 37.9
 39 60.9 46.7 70.1

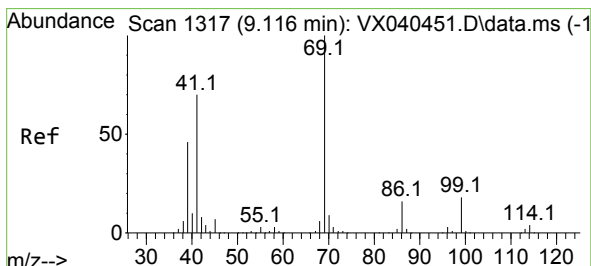
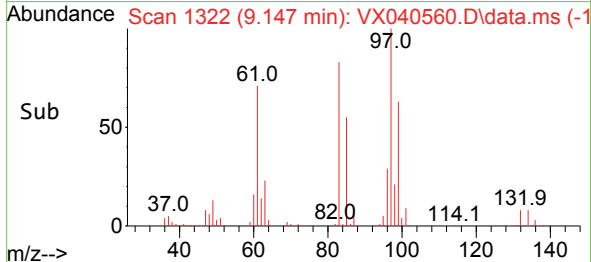
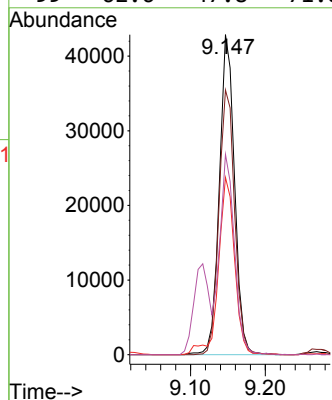
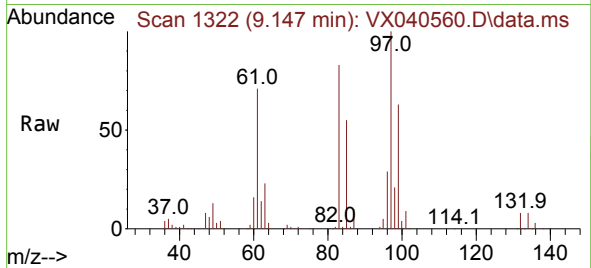




#55
1,1,2-Trichloroethane
Concen: 52.826 ug/l
RT: 9.147 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

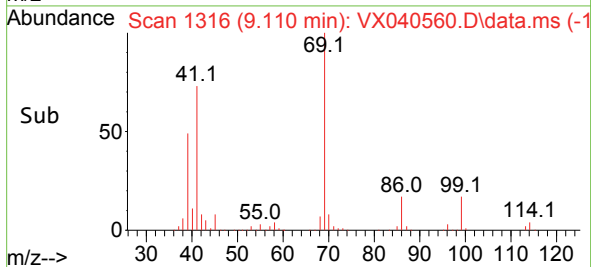
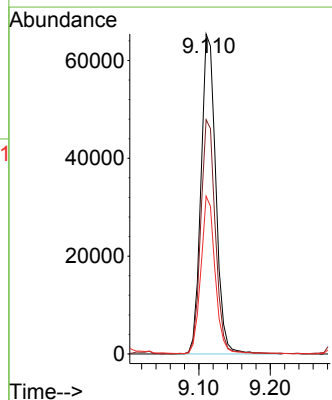
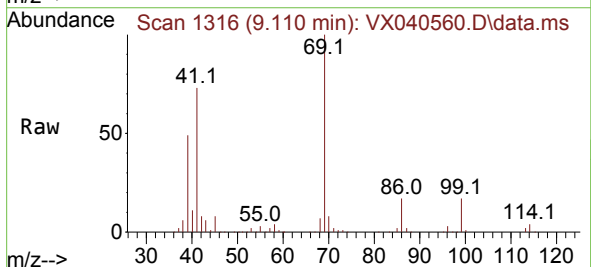
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

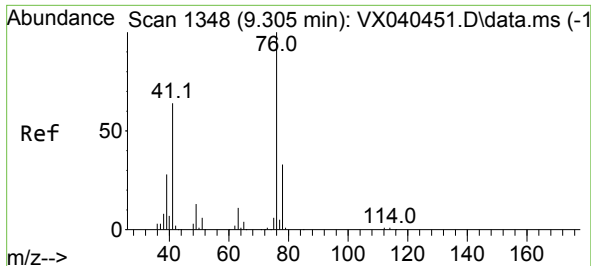
Tgt Ion: 97	Resp: 60629
Ion Ratio	Lower Upper
97 100	
83 82.7	65.8 98.8
85 55.3	41.6 62.4
99 62.6	47.8 71.8



#56
Ethyl methacrylate
Concen: 52.899 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 69	Resp: 93870
Ion Ratio	Lower Upper
69 100	
41 72.8	56.8 85.2
39 47.8	32.0 48.0





#57

1,3-Dichloropropane

Concen: 50.229 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

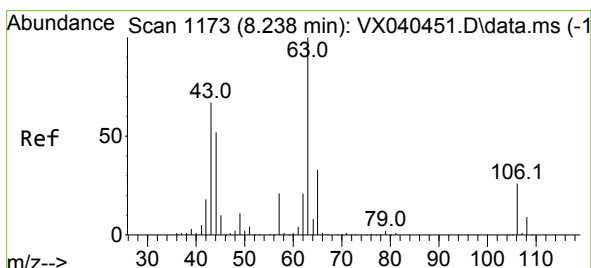
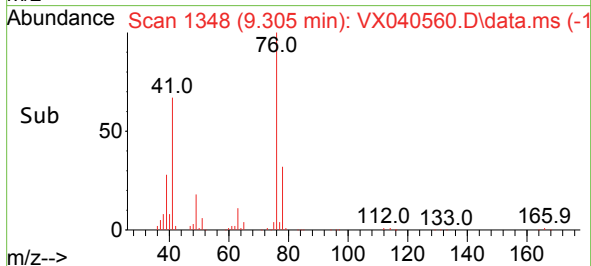
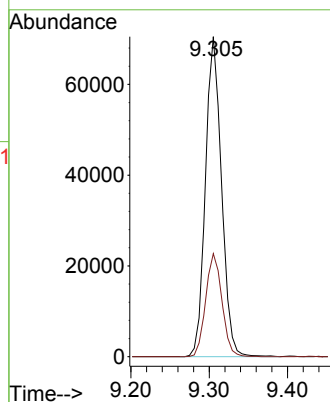
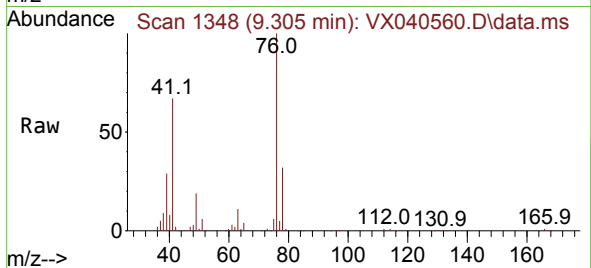
VSTDCCC050

Tgt Ion: 76 Resp: 100408

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 232.044 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX040560.D

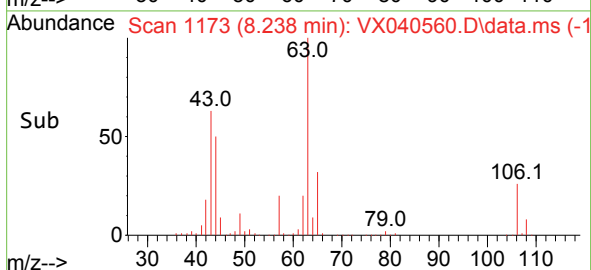
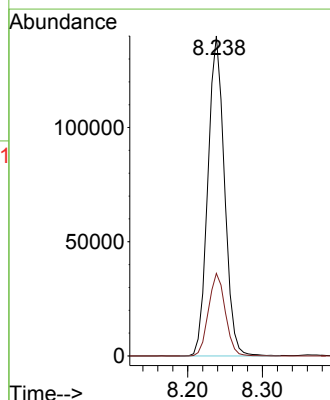
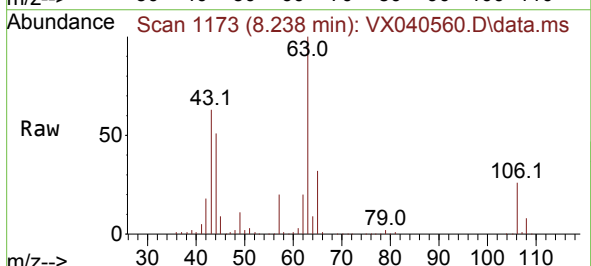
Acq: 04 Mar 2024 10:24

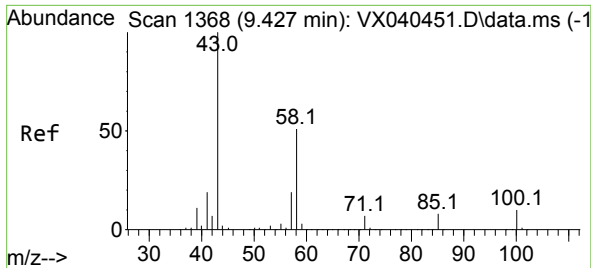
Tgt Ion: 63 Resp: 215899

Ion Ratio Lower Upper

63 100

106 26.1 22.5 33.7

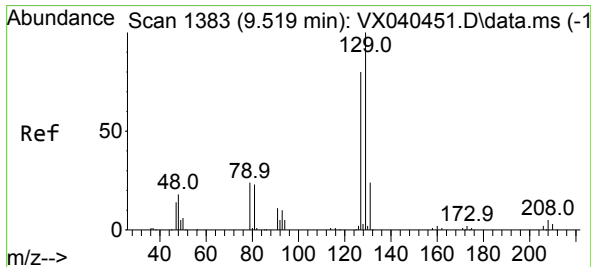
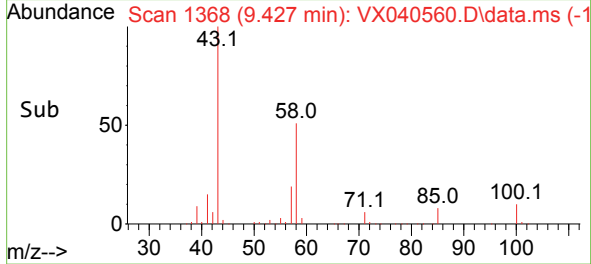
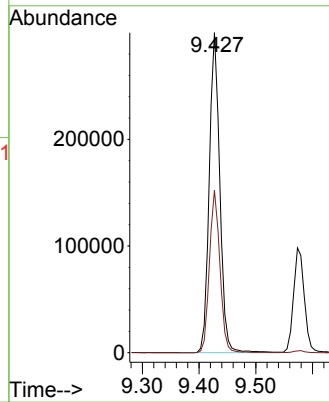
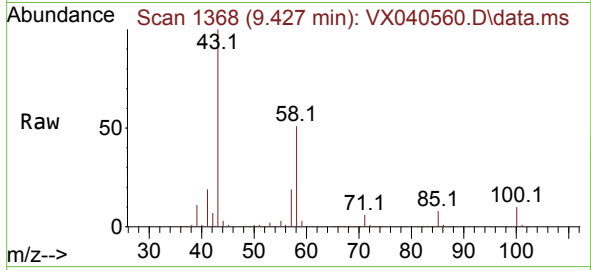




#59
2-Hexanone
Concen: 266.860 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

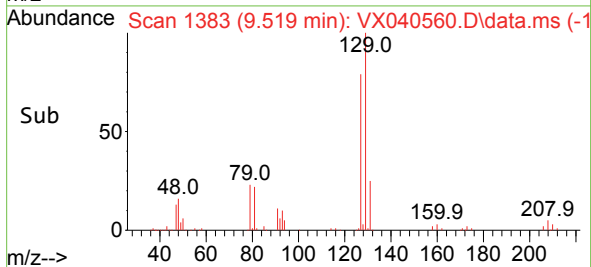
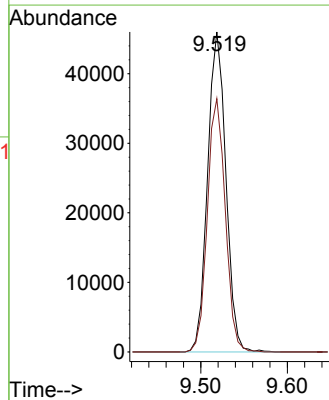
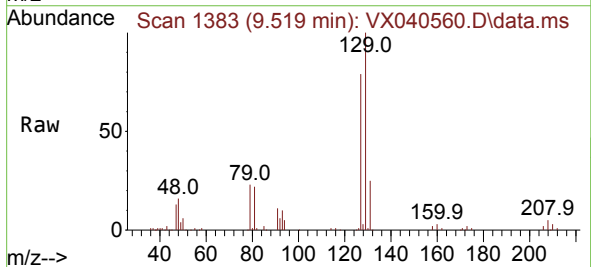
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

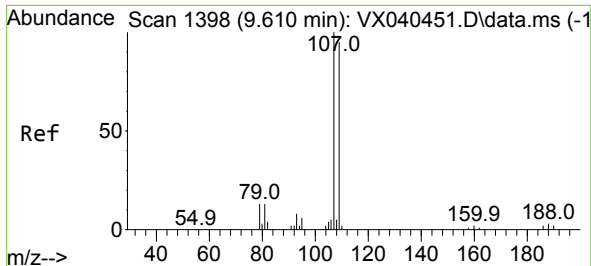
Tgt Ion: 43 Resp: 387728
Ion Ratio Lower Upper
43 100
58 50.5 26.2 78.5



#60
Dibromochloromethane
Concen: 54.110 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 129 Resp: 67454
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4

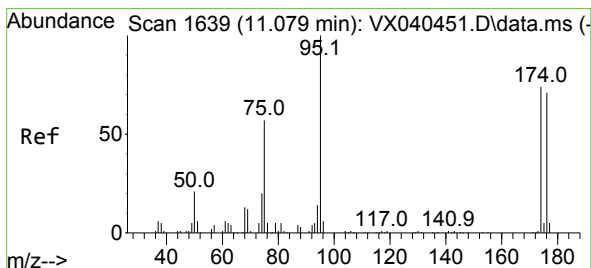
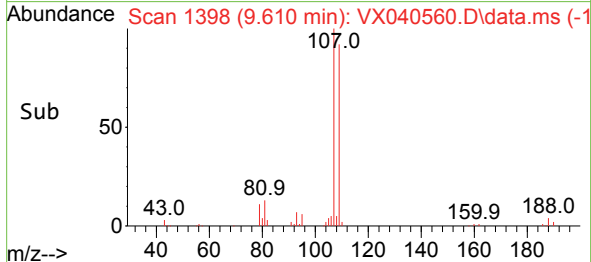
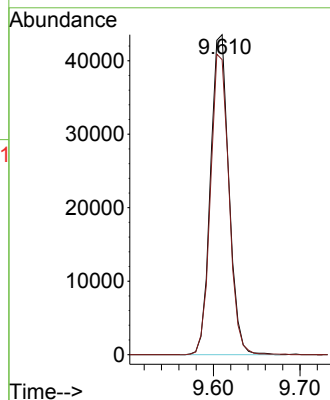
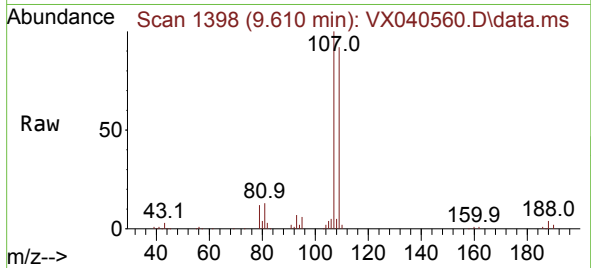




#61
1,2-Dibromoethane
Concen: 51.223 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

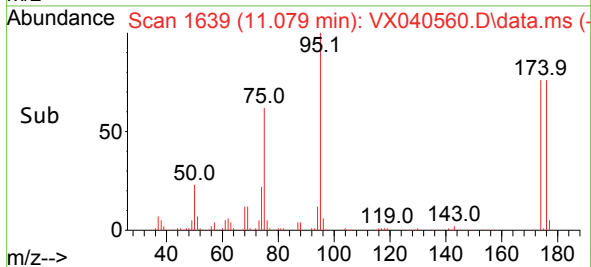
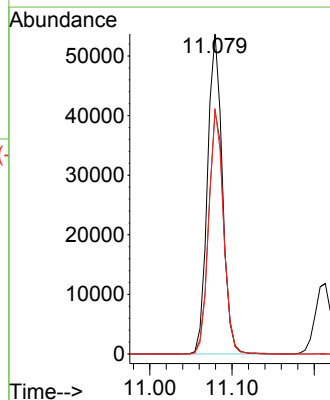
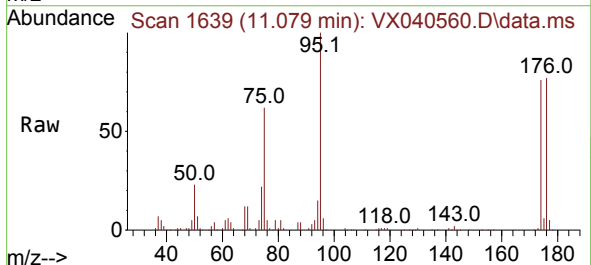
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

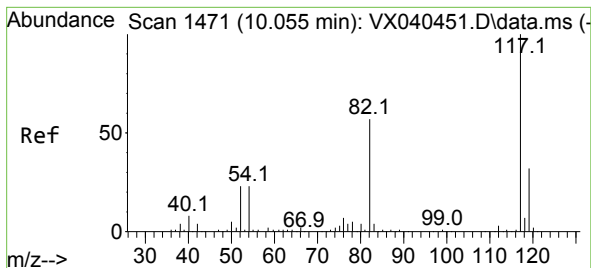
Tgt Ion:107 Resp: 64151
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 44.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 95 Resp: 67228
Ion Ratio Lower Upper
95 100
174 77.0 0.0 135.6
176 75.2 0.0 131.0

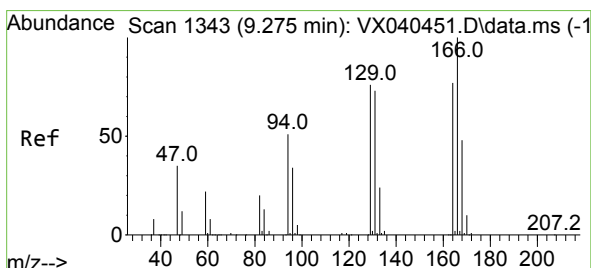
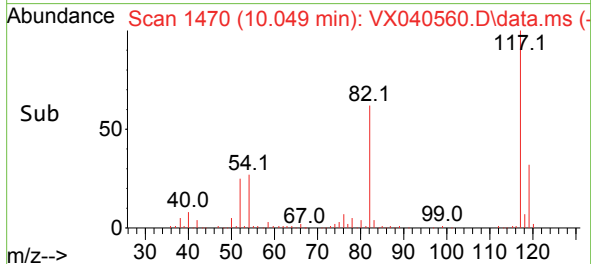
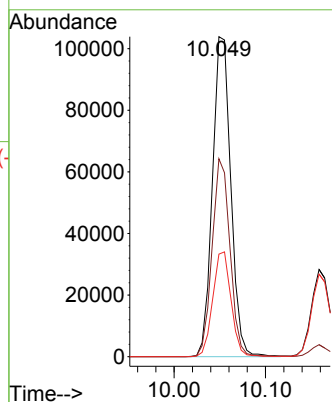
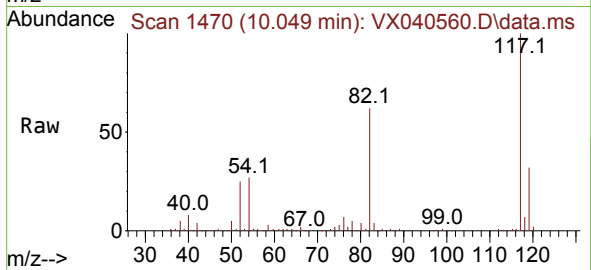




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

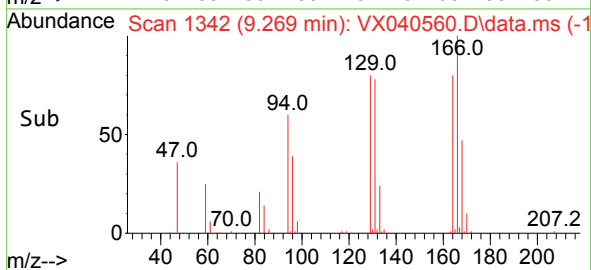
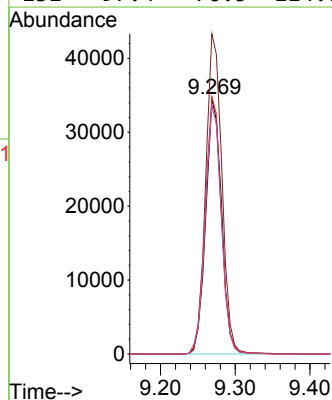
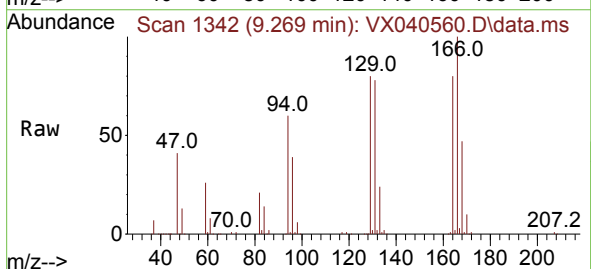
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

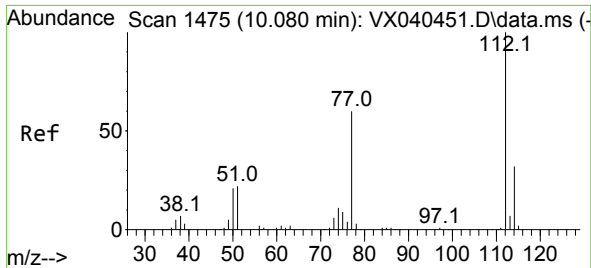
Tgt Ion:117 Resp: 144728
Ion Ratio Lower Upper
117 100
82 61.9 46.2 69.4
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 49.995 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:164 Resp: 50798
Ion Ratio Lower Upper
164 100
166 125.5 102.7 154.1
129 100.9 80.4 120.6
131 97.4 76.5 114.7

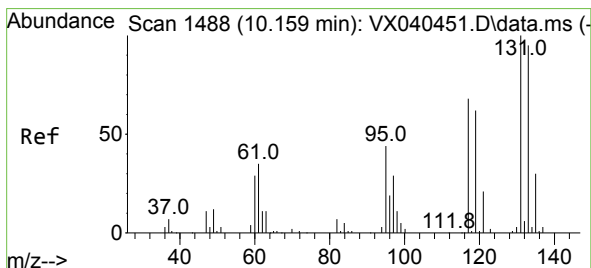
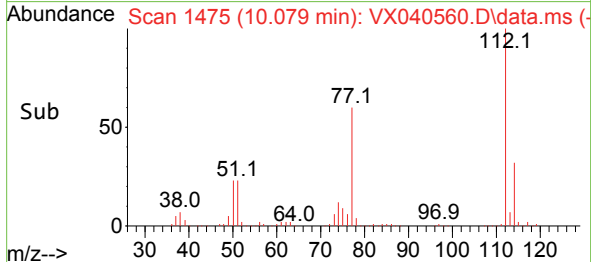
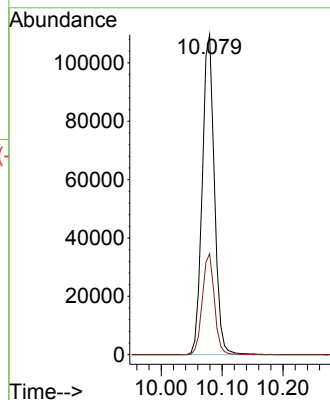
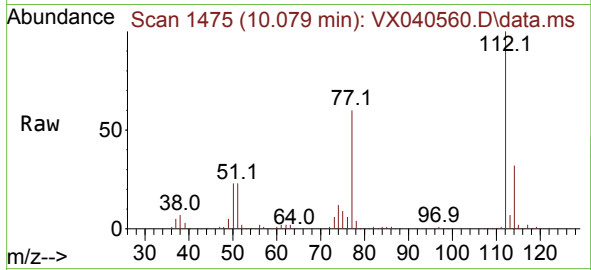




#65
Chlorobenzene
Concen: 49.569 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

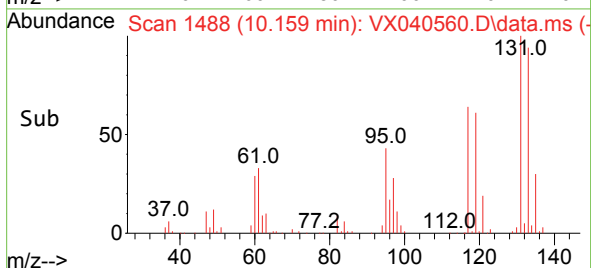
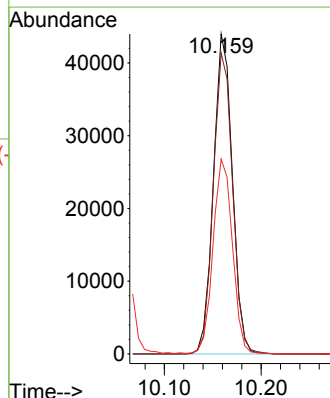
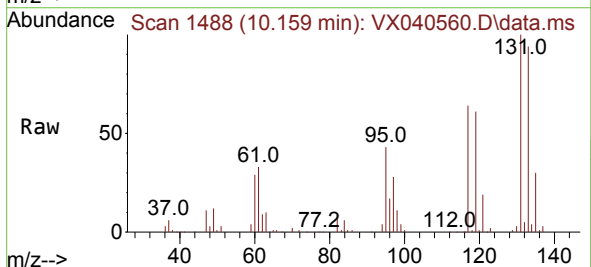
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

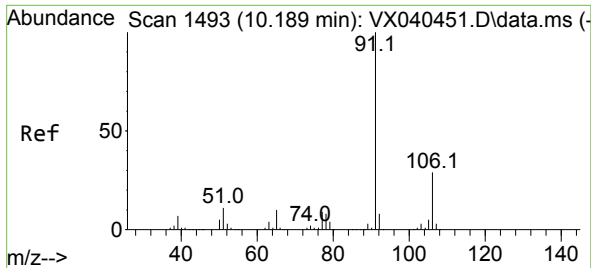
Tgt Ion:112 Resp: 152593
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.095 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:131 Resp: 59771
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 62.5 32.2 96.6

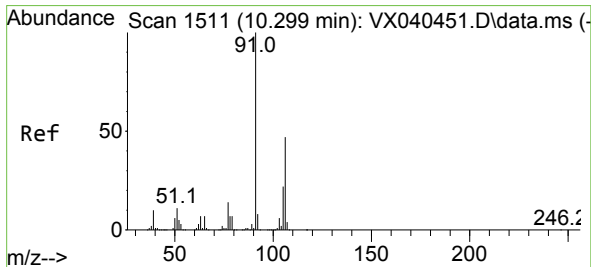
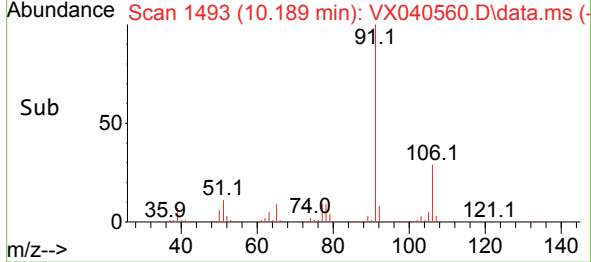
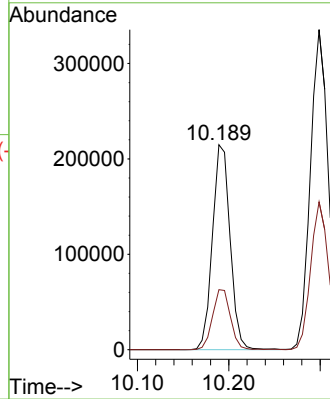
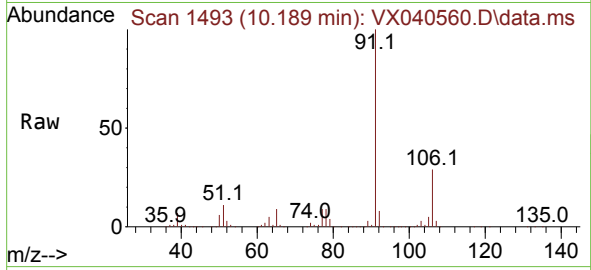




#67
Ethyl Benzene
Concen: 51.100 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

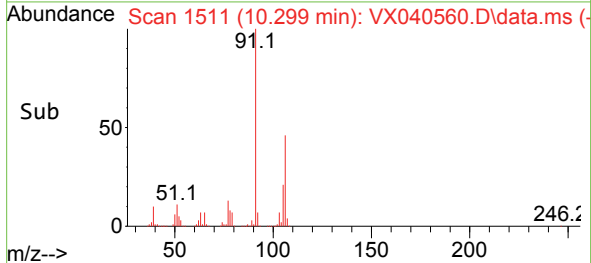
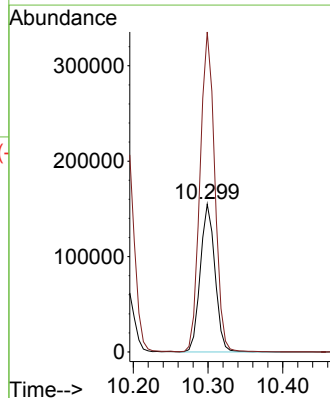
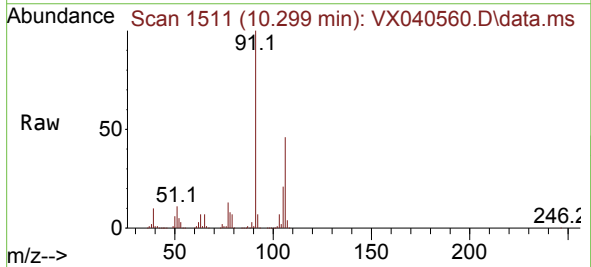
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

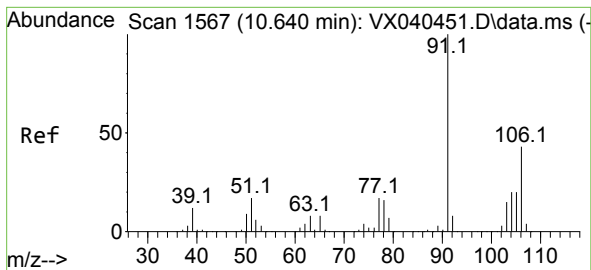
Tgt Ion: 91 Resp: 287950
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3



#68
m/p-Xylenes
Concen: 100.440 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion: 106 Resp: 211352
Ion Ratio Lower Upper
106 100
91 217.1 165.5 248.3

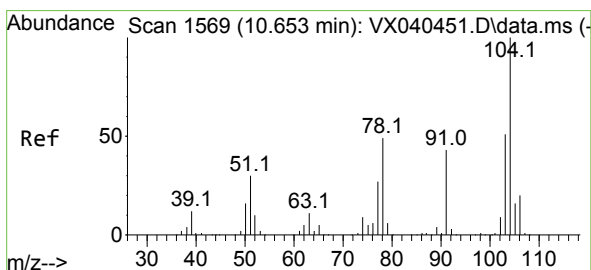
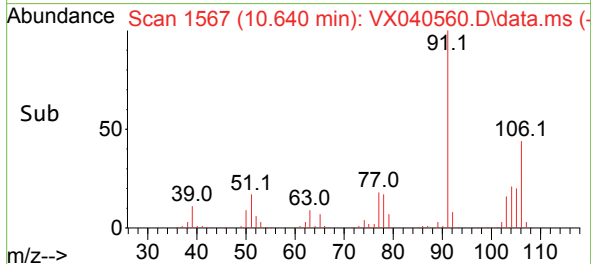
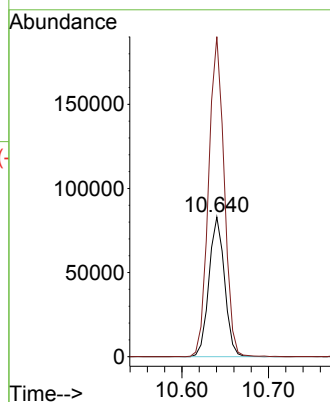
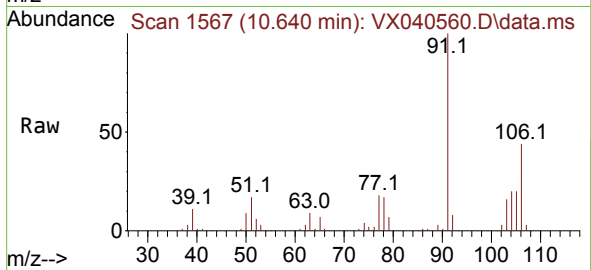




#69
o-Xylene
Concen: 51.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

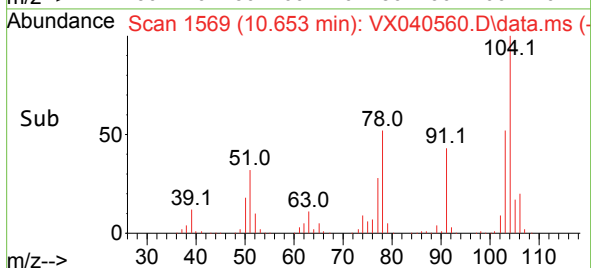
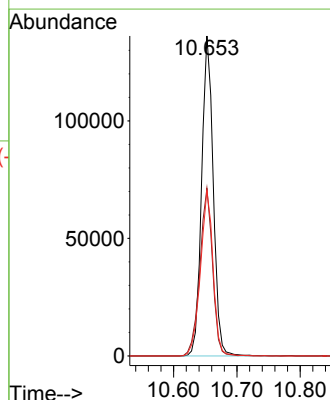
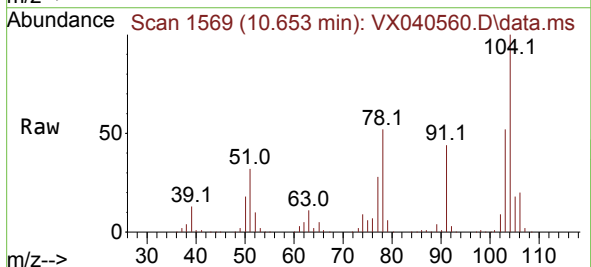
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

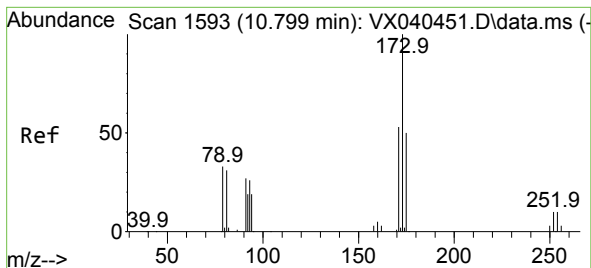
Tgt Ion:106 Resp: 103720
Ion Ratio Lower Upper
106 100
91 229.7 108.9 326.8



#70
Styrene
Concen: 52.001 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:104 Resp: 174468
Ion Ratio Lower Upper
104 100
78 57.4 43.6 65.4
103 56.3 43.6 65.4





#71

Bromoform

Concen: 56.419 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

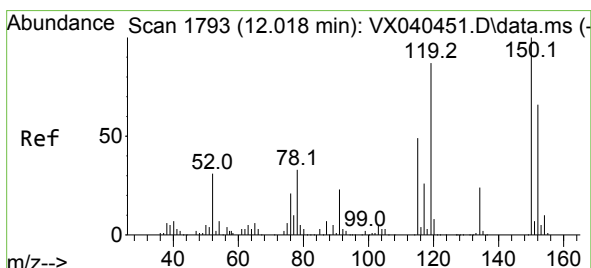
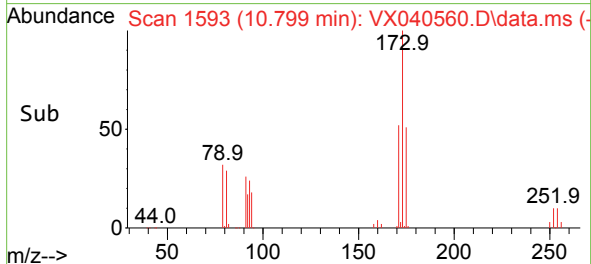
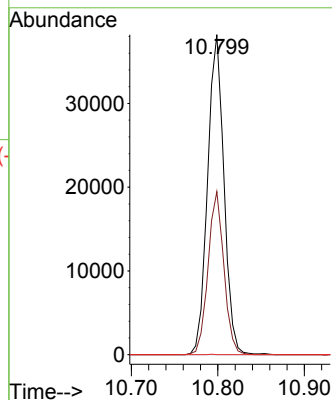
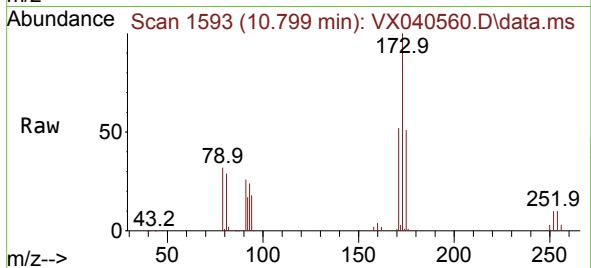
Tgt Ion:173 Resp: 50103

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

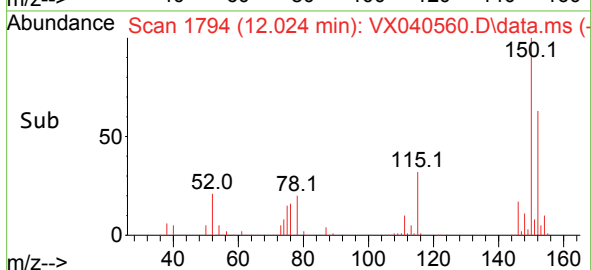
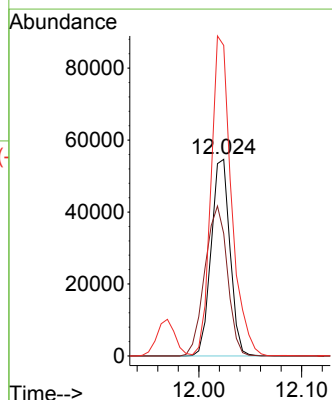
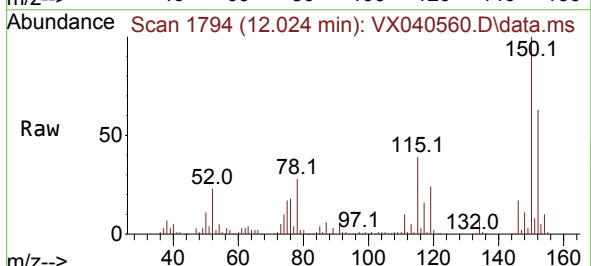
Tgt Ion:152 Resp: 69475

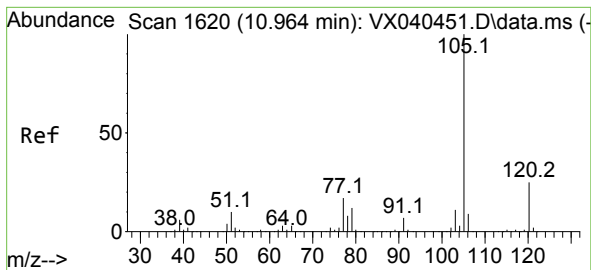
Ion Ratio Lower Upper

152 100

115 91.2 43.3 129.9

150 175.7 0.0 345.0





#73

Isopropylbenzene

Concen: 54.882 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

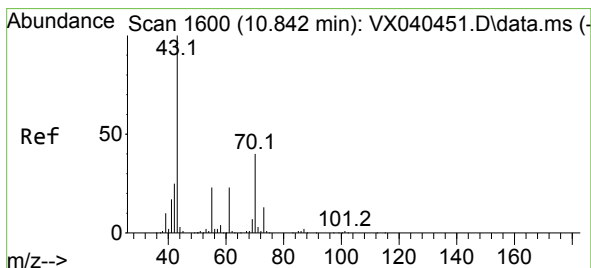
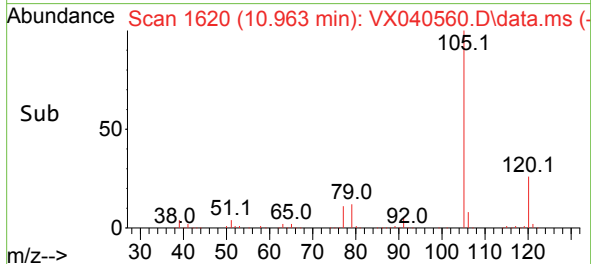
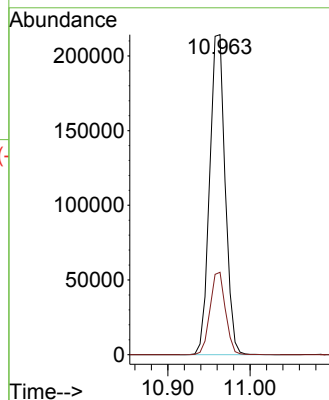
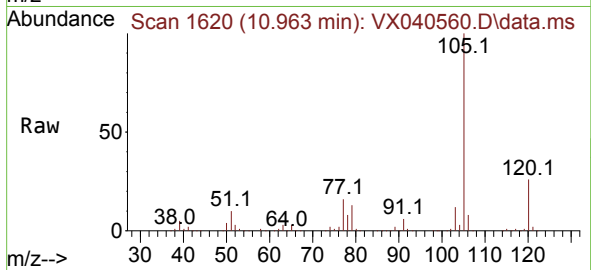
VSTDCCC050

Tgt Ion:105 Resp: 280807

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 56.578 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Tgt Ion: 43 Resp: 134449

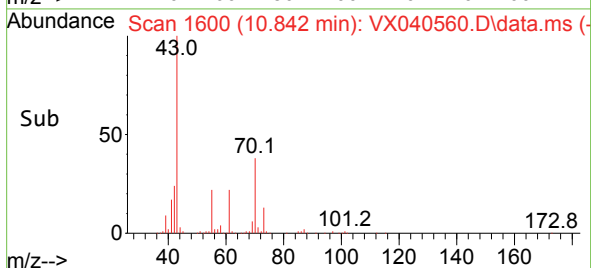
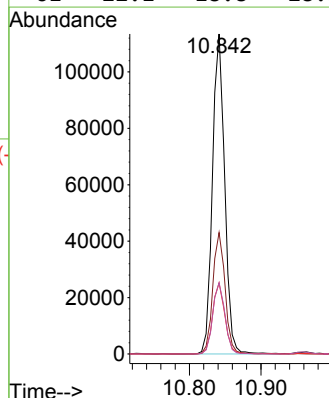
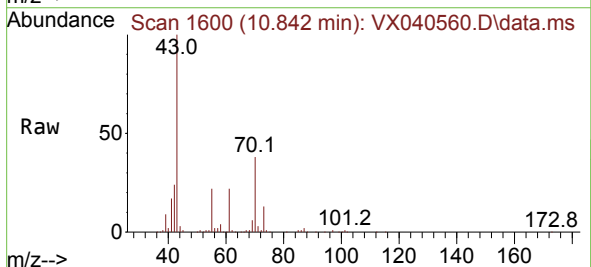
Ion Ratio Lower Upper

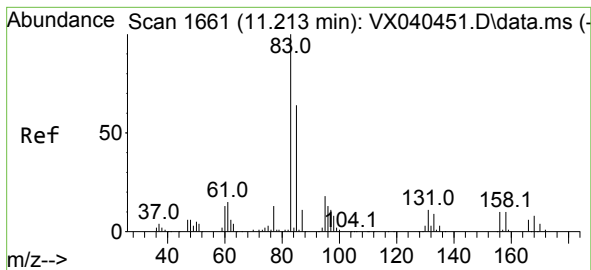
43 100

70 38.2 32.9 49.3

55 22.5 19.3 28.9

61 22.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.752 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

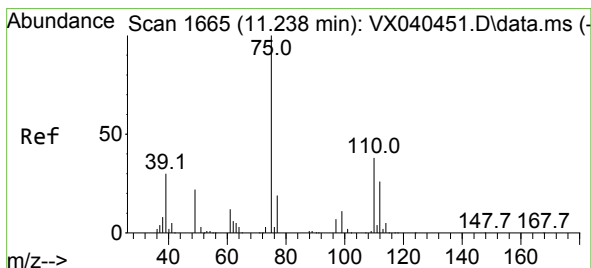
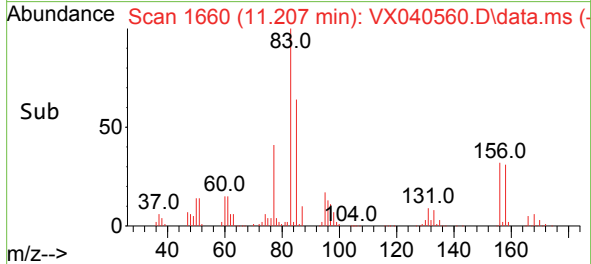
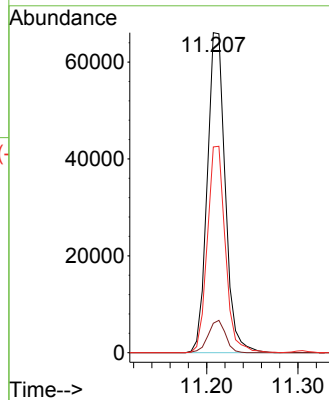
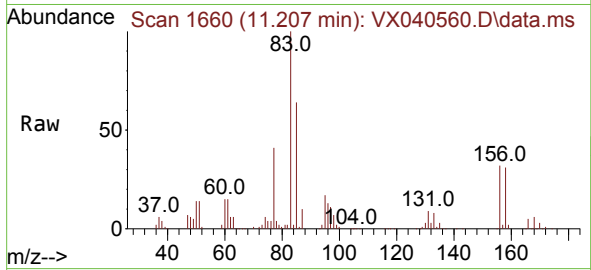
Tgt Ion: 83 Resp: 90210

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.8

85 64.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 65.871 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040560.D

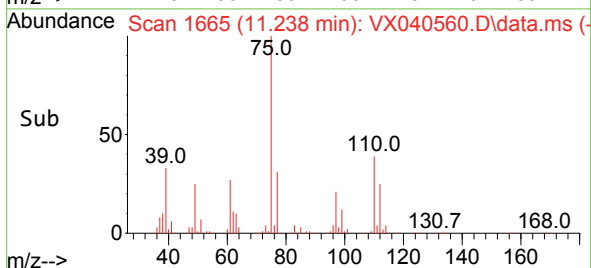
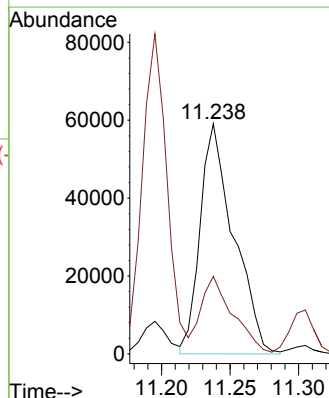
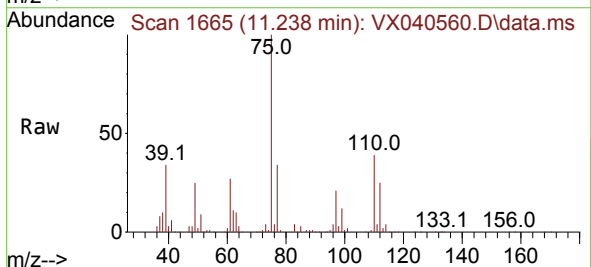
Acq: 04 Mar 2024 10:24

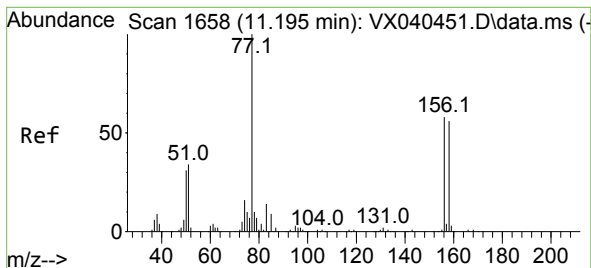
Tgt Ion: 75 Resp: 100718

Ion Ratio Lower Upper

75 100

77 32.4 19.1 57.5





#77

Bromobenzene

Concen: 51.116 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

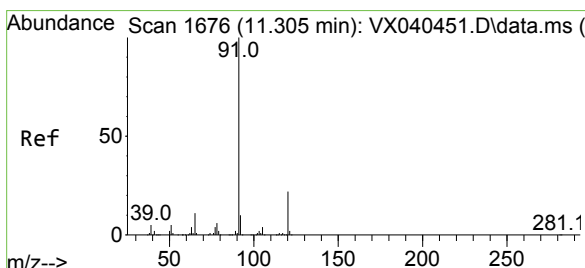
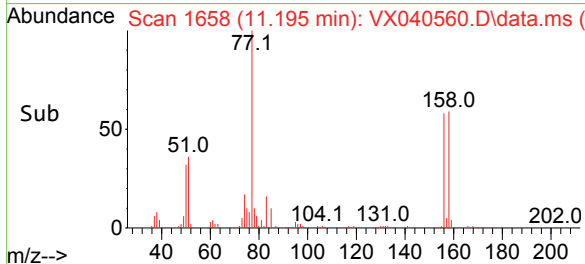
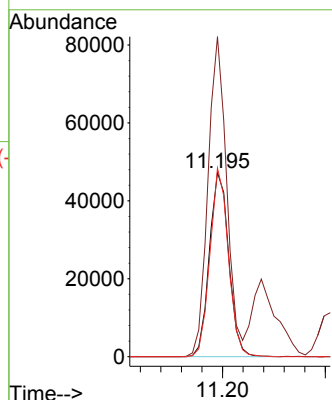
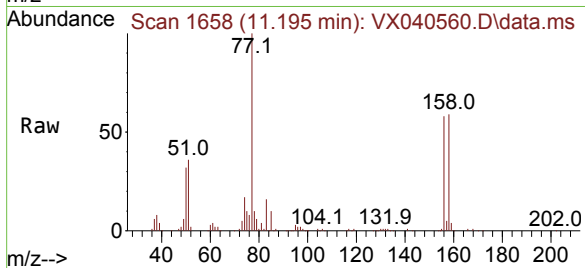
Tgt Ion:156 Resp: 61841

Ion Ratio Lower Upper

156 100

77 167.3 88.4 265.3

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 49.739 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040560.D

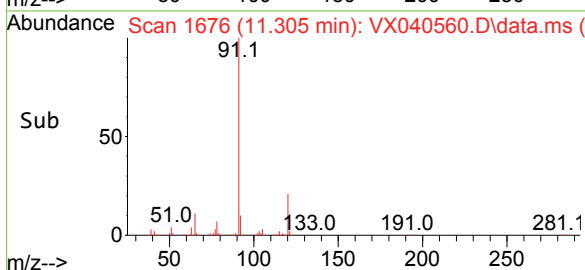
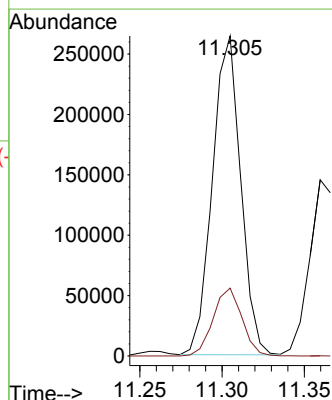
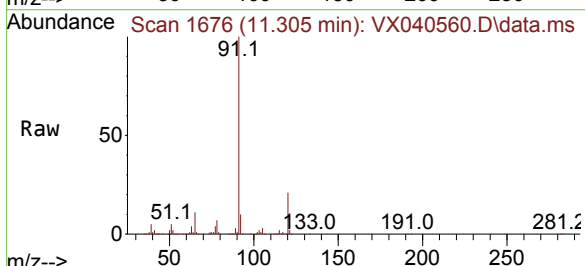
Acq: 04 Mar 2024 10:24

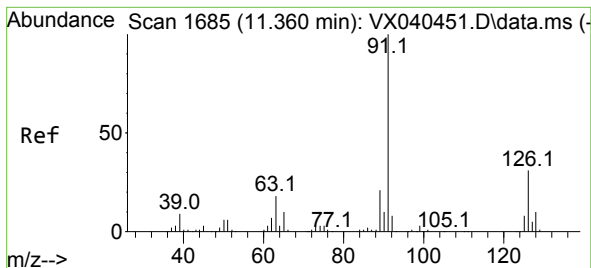
Tgt Ion: 91 Resp: 315669

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4

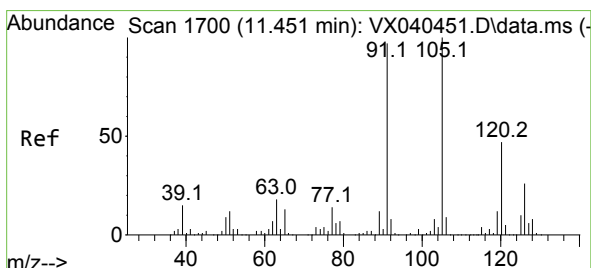
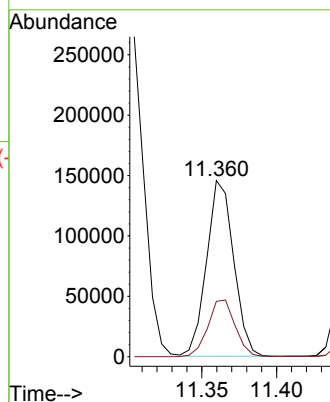
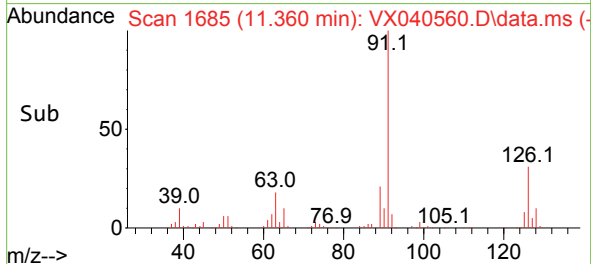
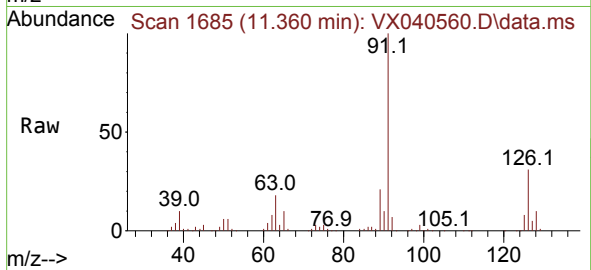




#79
2-Chlorotoluene
Concen: 47.887 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

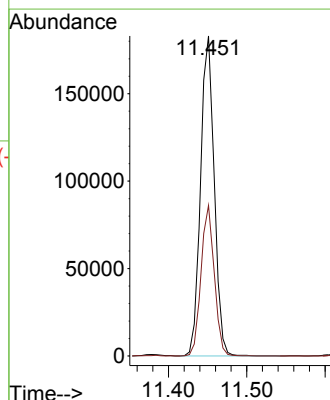
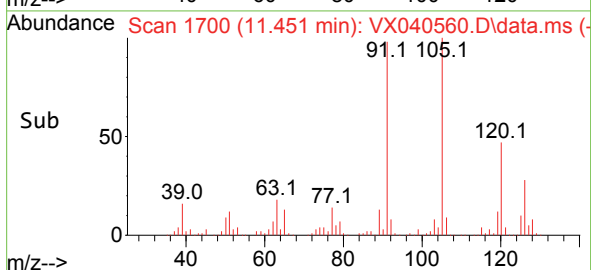
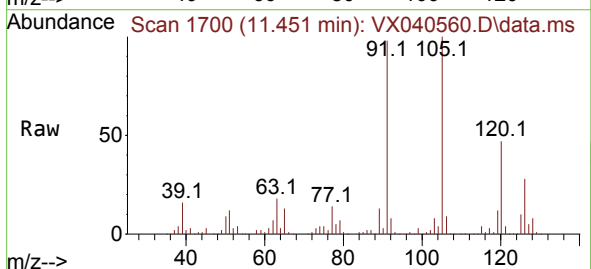
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

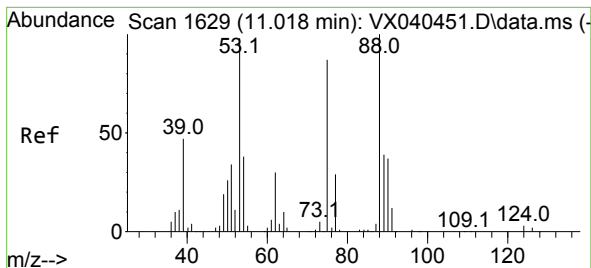
Tgt Ion: 91 Resp: 182952
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 51.077 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:105 Resp: 222256
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3

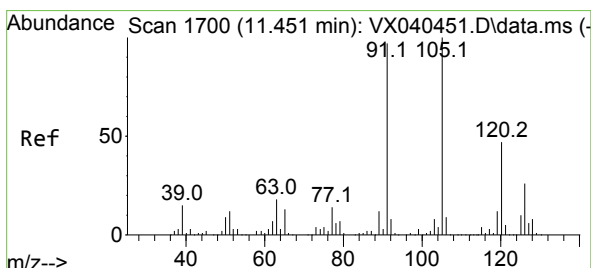
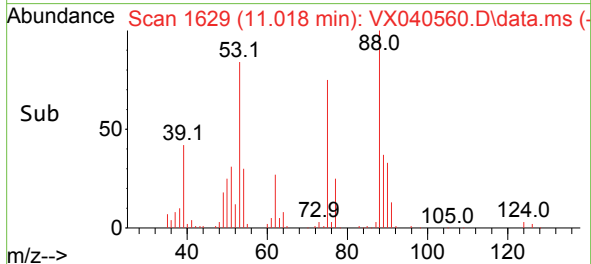
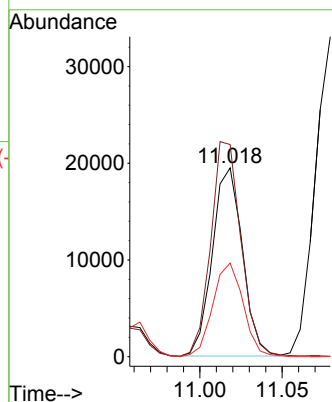
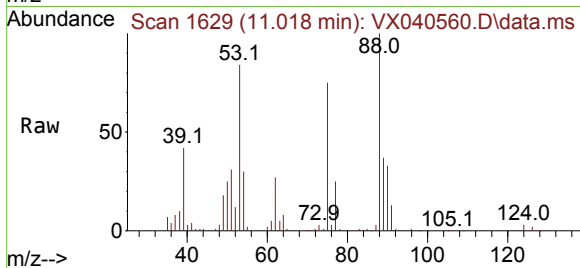




#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.115 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VX040560.D
 Acq: 04 Mar 2024 10:24

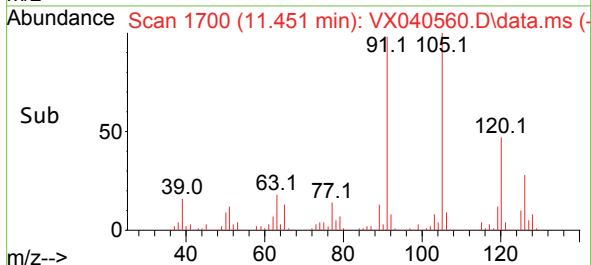
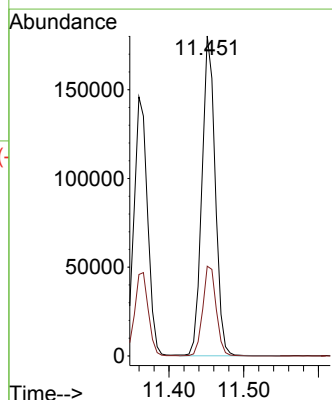
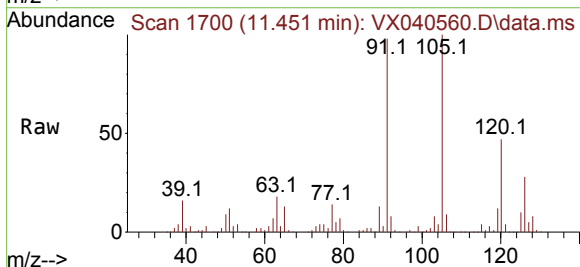
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

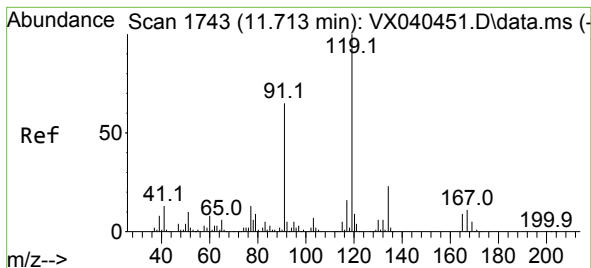
Tgt Ion:	75	Resp:	24846
Ion	Ratio	Lower	Upper
75	100		
53	115.4	90.5	135.7
89	50.0	36.9	55.3



#82
 4-Chlorotoluene
 Concen: 50.239 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX040560.D
 Acq: 04 Mar 2024 10:24

Tgt Ion:	91	Resp:	221957
Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6





#83

tert-Butylbenzene

Concen: 52.199 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

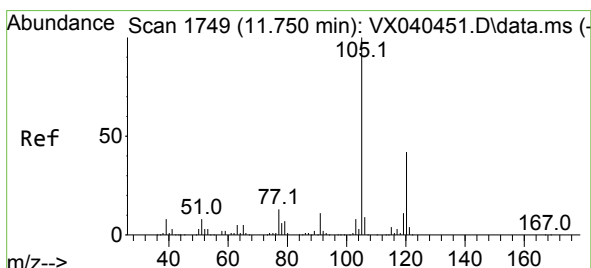
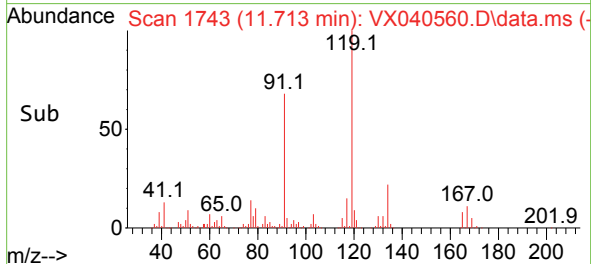
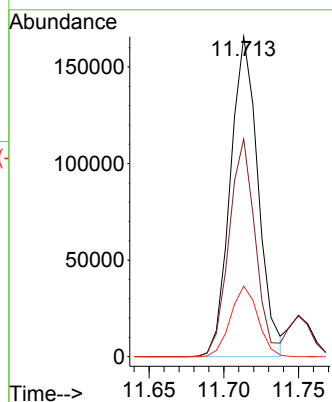
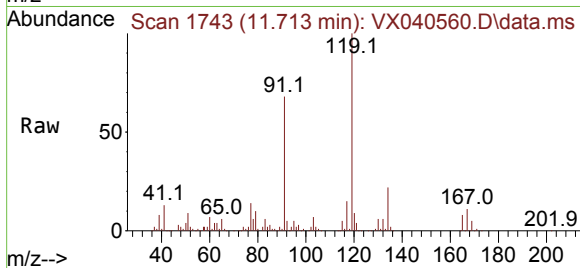
Tgt Ion:119 Resp: 214140

Ion Ratio Lower Upper

119 100

91 64.9 31.2 93.6

134 21.8 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 51.425 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040560.D

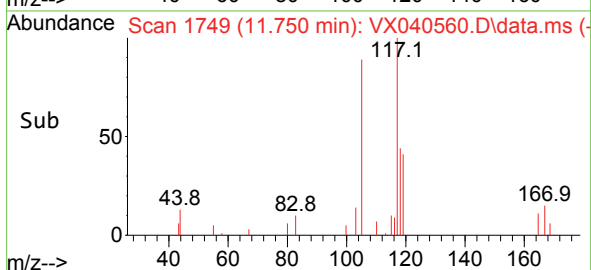
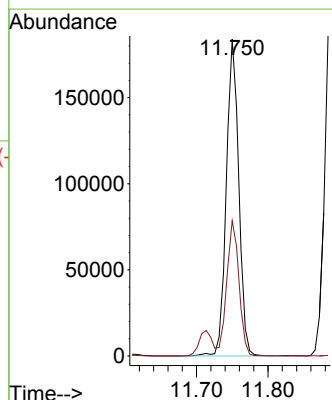
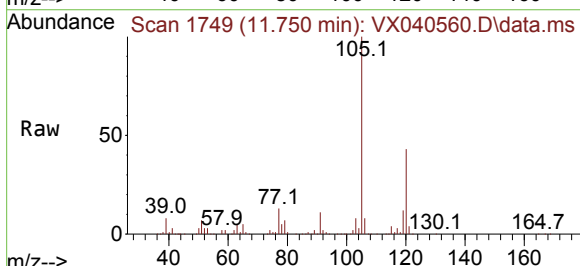
Acq: 04 Mar 2024 10:24

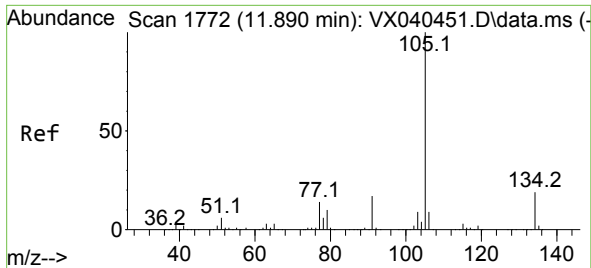
Tgt Ion:105 Resp: 222019

Ion Ratio Lower Upper

105 100

120 42.2 21.2 63.6

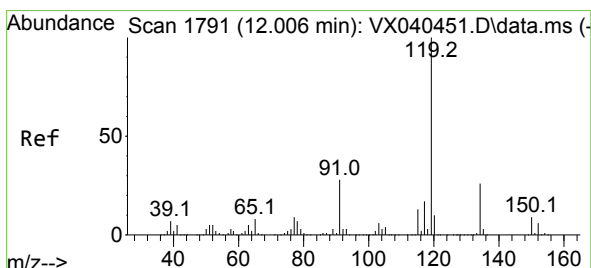
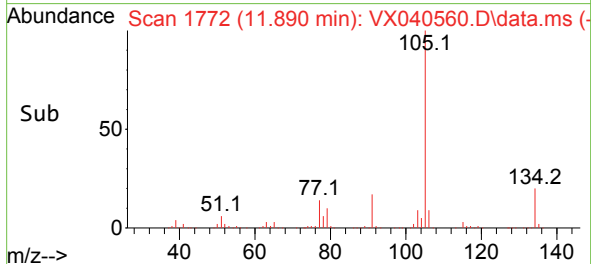
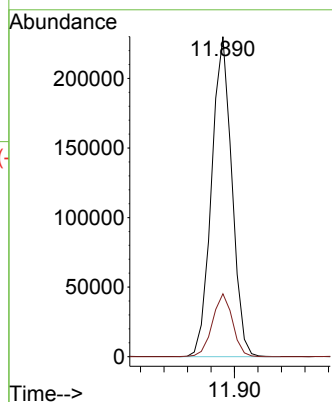
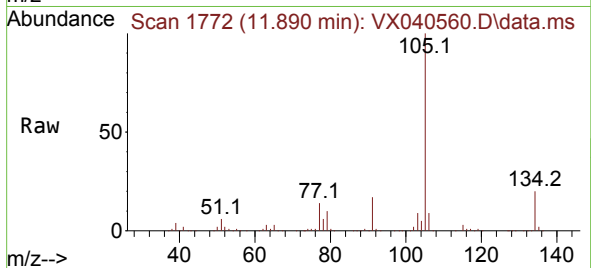




#85
sec-Butylbenzene
Concen: 51.229 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

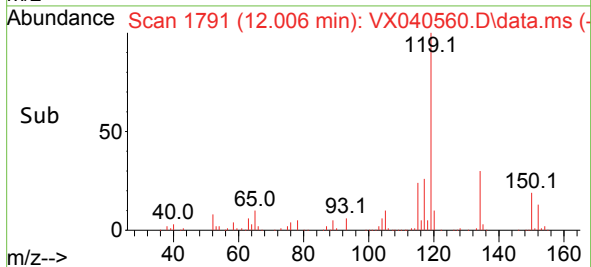
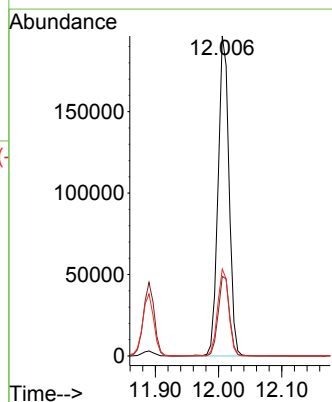
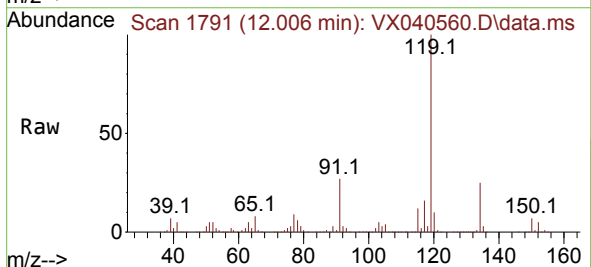
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

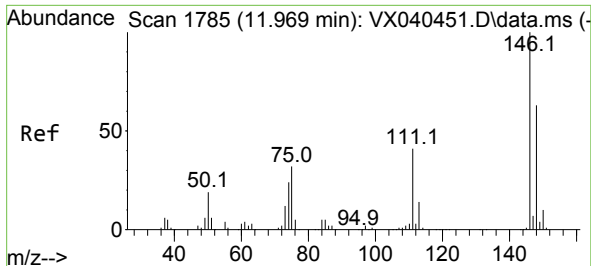
Tgt Ion:105 Resp: 276094
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4



#86
p-Isopropyltoluene
Concen: 52.892 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:119 Resp: 234967
Ion Ratio Lower Upper
119 100
134 25.7 12.8 38.3
91 27.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.342 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

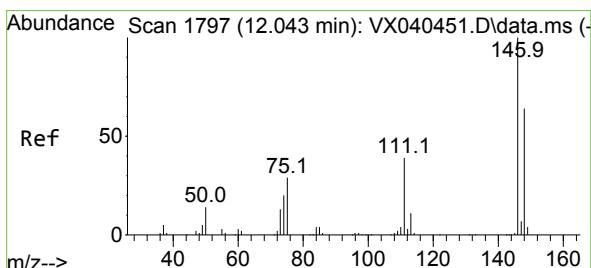
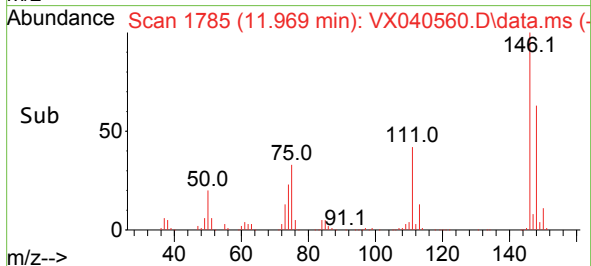
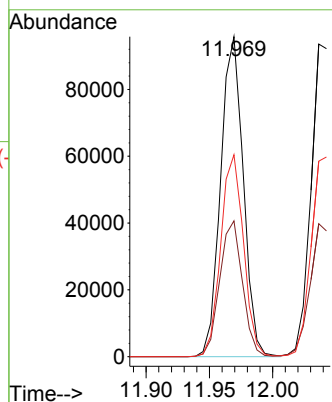
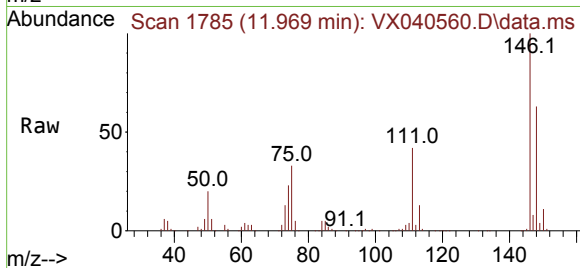
Tgt Ion:146 Resp: 118987

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.235 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

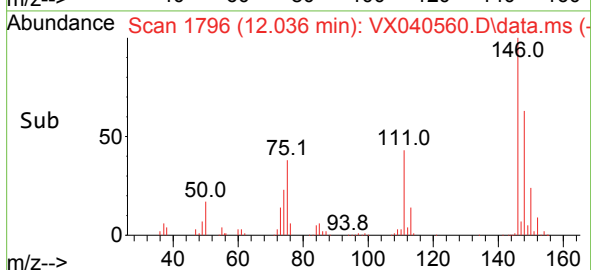
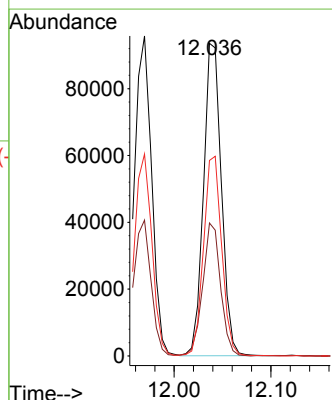
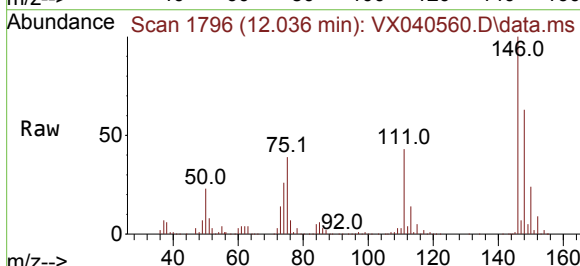
Tgt Ion:146 Resp: 120864

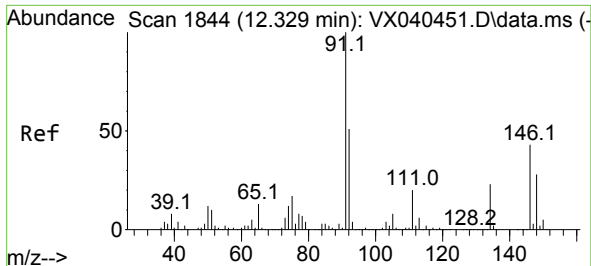
Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 51.345 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

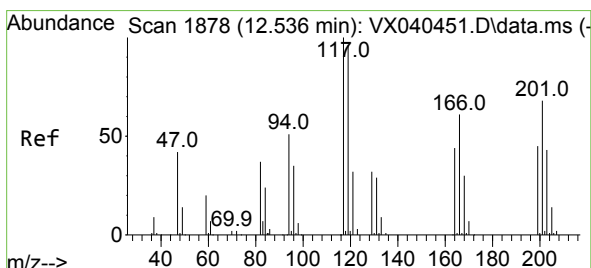
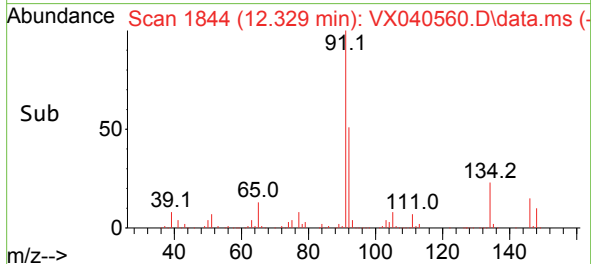
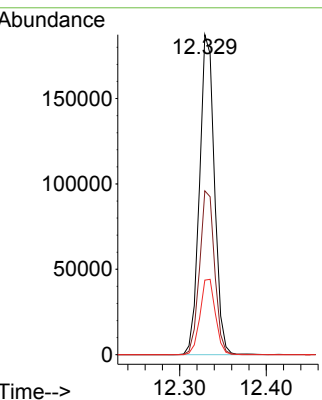
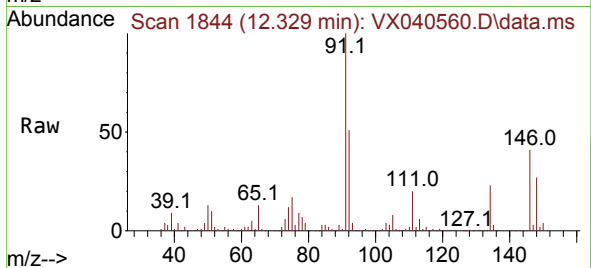
Tgt Ion: 91 Resp: 224410

Ion Ratio Lower Upper

91 100

92 51.6 27.4 82.0

134 24.2 12.6 37.8



#90

Hexachloroethane

Concen: 54.932 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX040560.D

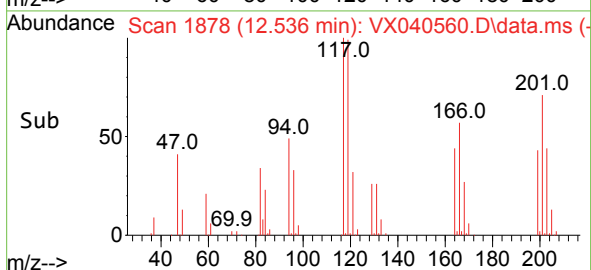
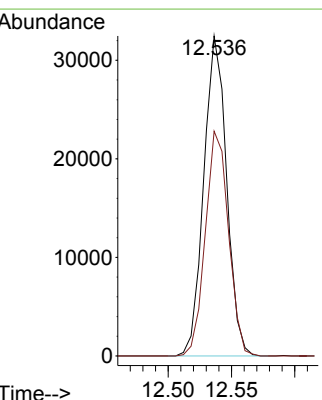
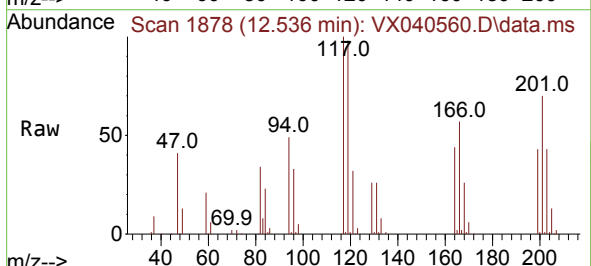
Acq: 04 Mar 2024 10:24

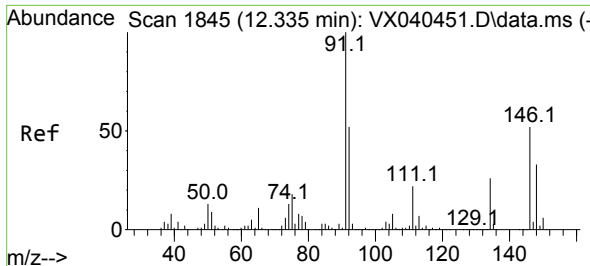
Tgt Ion:117 Resp: 40615

Ion Ratio Lower Upper

117 100

201 71.4 32.9 98.6

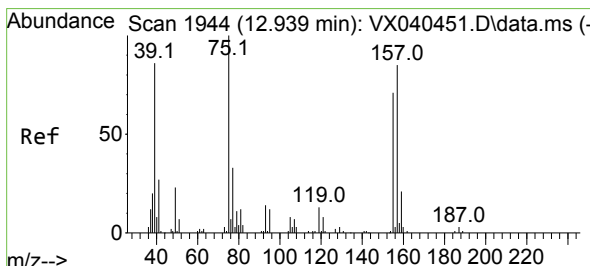
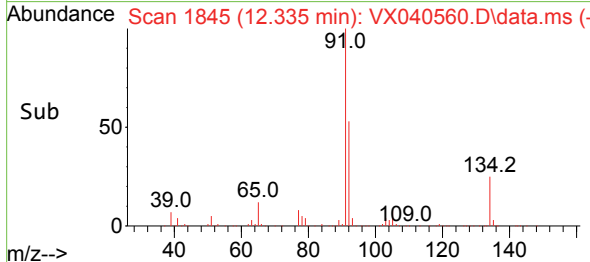
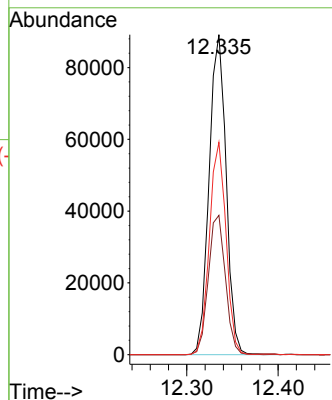
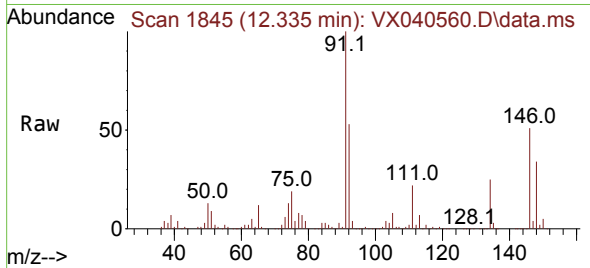




#91
 1,2-Dichlorobenzene
 Concen: 50.330 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX040560.D
 Acq: 04 Mar 2024 10:24

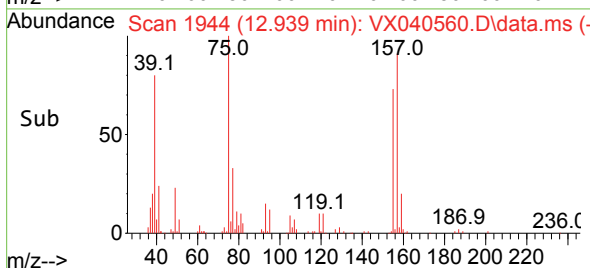
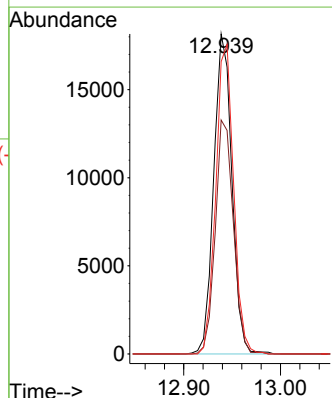
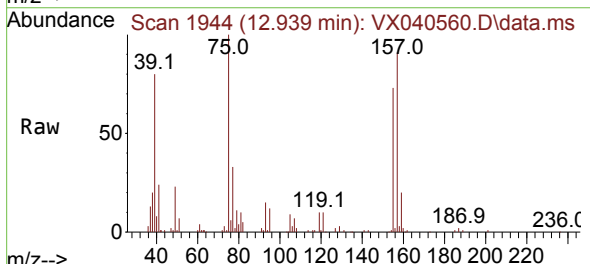
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

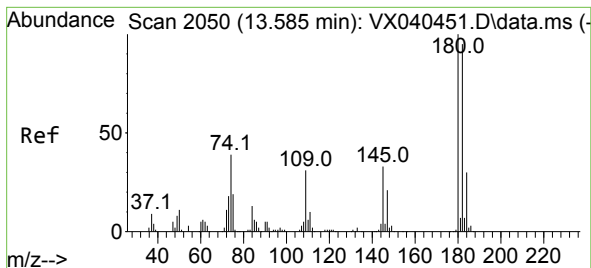
Tgt Ion:146 Resp: 115659
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.4 67.0
 148 64.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.706 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VX040560.D
 Acq: 04 Mar 2024 10:24

Tgt Ion: 75 Resp: 23599
 Ion Ratio Lower Upper
 75 100
 155 72.9 36.1 108.5
 157 94.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 58.175 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

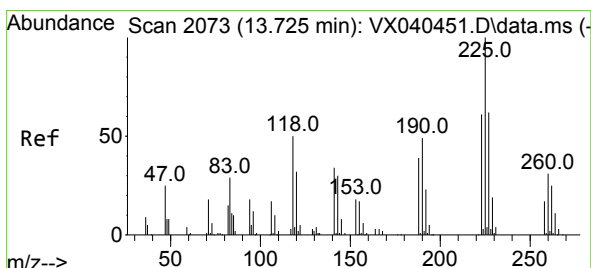
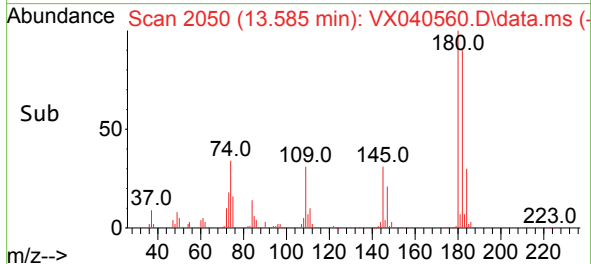
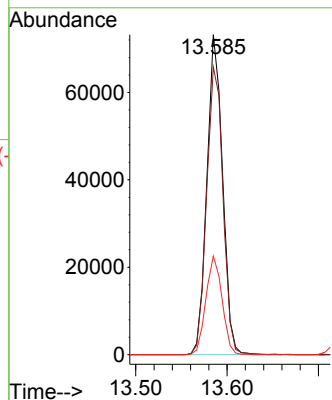
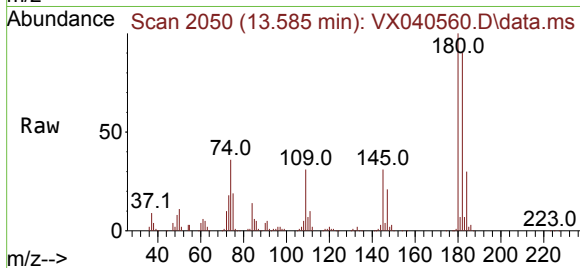
Tgt Ion:180 Resp: 87247

Ion Ratio Lower Upper

180 100

182 93.3 48.3 144.8

145 31.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 57.297 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040560.D

Acq: 04 Mar 2024 10:24

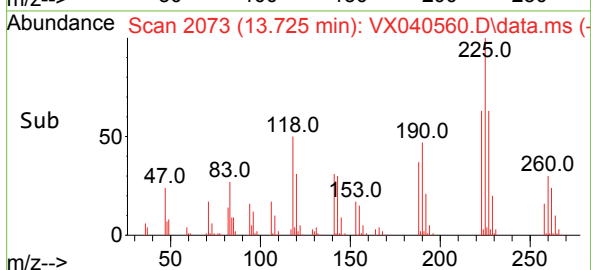
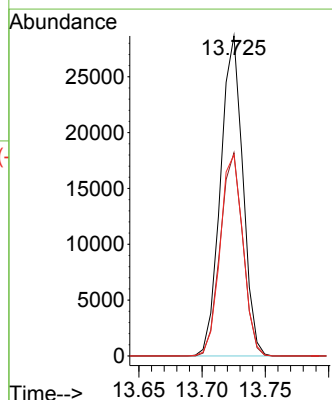
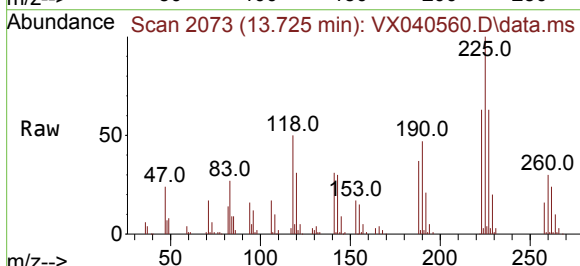
Tgt Ion:225 Resp: 35119

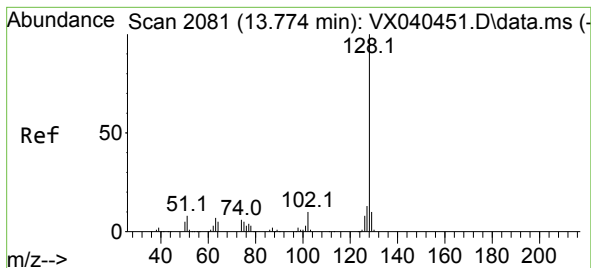
Ion Ratio Lower Upper

225 100

223 64.0 31.1 93.2

227 64.2 32.5 97.5

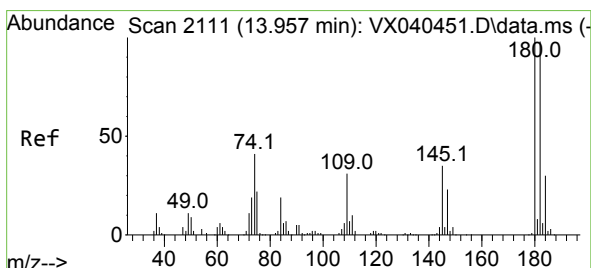
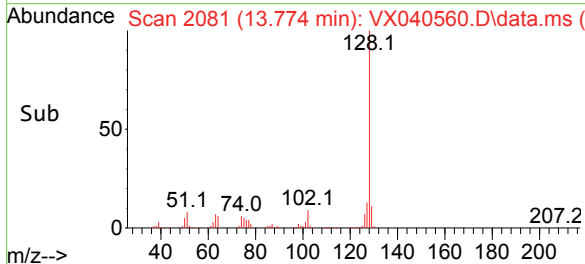
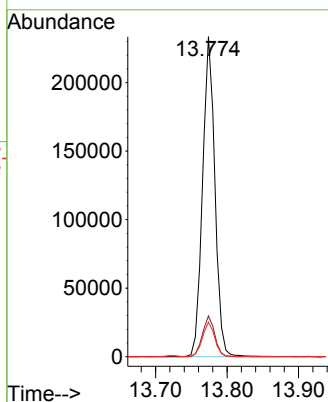
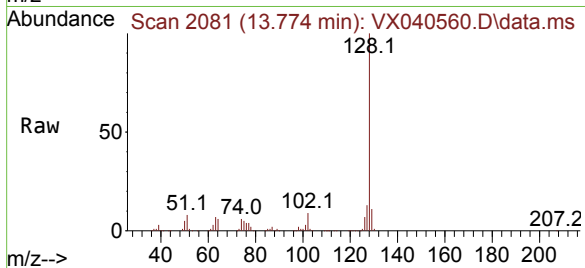




#95
Naphthalene
Concen: 58.326 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 279532
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 59.063 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX040560.D
Acq: 04 Mar 2024 10:24

Tgt Ion:180 Resp: 84202
Ion Ratio Lower Upper
180 100
182 94.2 46.9 140.6
145 34.4 17.8 53.5

