

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040577.D
 Acq On : 04 Mar 2024 18:24
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 05 00:29:36 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	5.556	168	81619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71187	52.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.300%	
35) Dibromofluoromethane	5.379	113	49054	51.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.840%	
50) Toluene-d8	8.647	98	168288	49.072	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.140%	
62) 4-Bromofluorobenzene	11.079	95	71618	54.785	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 109.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	42837	42.173	ug/l	98
3) Chloromethane	1.294	50	41658	41.349	ug/l	98
4) Vinyl Chloride	1.374	62	46215	42.420	ug/l	99
5) Bromomethane	1.599	94	25174	41.579	ug/l	99
6) Chloroethane	1.678	64	28180	40.872	ug/l	97
7) Trichlorofluoromethane	1.886	101	70546	40.998	ug/l	98
8) Diethyl Ether	2.136	74	23900	39.737	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	41584	44.897	ug/l	99
10) Methyl Iodide	2.447	142	43079	45.223	ug/l	98
11) Tert butyl alcohol	2.965	59	63430	276.401	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	38156	41.032	ug/l	100
13) Acrolein	2.233	56	34794	236.488	ug/l	100
14) Allyl chloride	2.660	41	70943	43.607	ug/l	92
15) Acrylonitrile	3.062	53	134375	233.435	ug/l	99
16) Acetone	2.380	43	126379	283.876	ug/l	99
17) Carbon Disulfide	2.508	76	87417	33.947	ug/l	99
18) Methyl Acetate	2.703	43	73391	53.472	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	148363	46.775	ug/l	100
20) Methylene Chloride	2.788	84	45333	42.552	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	41401	41.747	ug/l	99
22) Diisopropyl ether	3.763	45	147859	45.227	ug/l	90
23) Vinyl Acetate	3.721	43	685637	228.947	ug/l	100
24) 1,1-Dichloroethane	3.611	63	84560	44.355	ug/l	99
25) 2-Butanone	4.550	43	202984	261.694	ug/l	99
26) 2,2-Dichloropropane	4.477	77	65799	43.349	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	49132	42.348	ug/l	98
28) Bromochloromethane	4.897	49	37834	47.442	ug/l	97
29) Tetrahydrofuran	5.001	42	128073	236.686	ug/l	97
30) Chloroform	5.092	83	93848	46.377	ug/l	96
31) Cyclohexane	5.470	56	63894	41.312	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	81224	47.027	ug/l	98
36) 1,1-Dichloropropene	5.696	75	63113	43.359	ug/l	99
37) Ethyl Acetate	4.714	43	75068	47.123	ug/l	98
38) Carbon Tetrachloride	5.678	117	65983	46.923	ug/l	99
39) Methylcyclohexane	7.379	83	67397	42.886	ug/l	97
40) Benzene	6.037	78	173073	43.917	ug/l	99

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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	41643	46.799	ug/l	93
42) 1,2-Dichloroethane	6.086	62	81451	49.936	ug/l	97
43) Isopropyl Acetate	6.342	43	121973	48.796	ug/l	98
44) Trichloroethene	7.123	130	47289	44.618	ug/l	99
45) 1,2-Dichloropropane	7.427	63	47727	45.251	ug/l	99
46) Dibromomethane	7.580	93	36822	47.486	ug/l	98
47) Bromodichloromethane	7.824	83	73177	47.930	ug/l	99
48) Methyl methacrylate	7.690	41	63456	50.791	ug/l	93
49) 1,4-Dioxane	7.659	88	26891	1137.802	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	424433	256.817	ug/l	97
52) Toluene	8.720	92	111979	46.299	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	75240	48.560	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	76716	46.063	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	49309	49.127	ug/l	94
56) Ethyl methacrylate	9.116	69	76415	49.240	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	82547	47.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	202163	248.452	ug/l	96
59) 2-Hexanone	9.427	43	336003	264.436	ug/l	97
60) Dibromochloromethane	9.518	129	54200	49.716	ug/l	100
61) 1,2-Dibromoethane	9.610	107	52374	47.819	ug/l	100
64) Tetrachloroethene	9.275	164	42877	46.334	ug/l	98
65) Chlorobenzene	10.079	112	124762	44.500	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	47226	47.797	ug/l	99
67) Ethyl Benzene	10.195	91	231977	45.201	ug/l	97
68) m/p-Xylenes	10.299	106	171866	89.679	ug/l	93
69) o-Xylene	10.640	106	84269	45.975	ug/l	95
70) Styrene	10.652	104	143260	46.884	ug/l	97
71) Bromoform	10.799	173	40980	50.668	ug/l #	98
73) Isopropylbenzene	10.963	105	230157	48.559	ug/l	99
74) N-amyl acetate	10.841	43	111669	50.729	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	76415	44.581	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	85606	60.439	ug/l	89
77) Bromobenzene	11.195	156	50355	44.931	ug/l	97
78) n-propylbenzene	11.305	91	259348	44.114	ug/l	98
79) 2-Chlorotoluene	11.366	91	149294	42.184	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	181438	45.012	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	21801	46.726	ug/l	95
82) 4-Chlorotoluene	11.451	91	176724	43.181	ug/l	100
83) tert-Butylbenzene	11.713	119	172645	45.430	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	183234	45.816	ug/l	99
85) sec-Butylbenzene	11.890	105	230064	46.082	ug/l	99
86) p-Isopropyltoluene	12.006	119	183077	44.488	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	98552	44.117	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	97961	43.078	ug/l	100
89) n-Butylbenzene	12.329	91	175884	43.442	ug/l	97
90) Hexachloroethane	12.536	117	32209	47.027	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	94494	44.389	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19719	49.346	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	62051	44.664	ug/l	96
94) Hexachlorobutadiene	13.725	225	25127	44.254	ug/l	98
95) Naphthalene	13.774	128	203919	45.932	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60565	45.861	ug/l	97

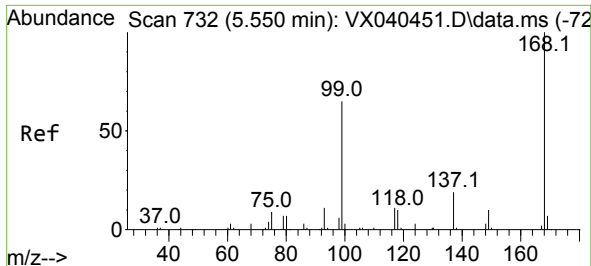
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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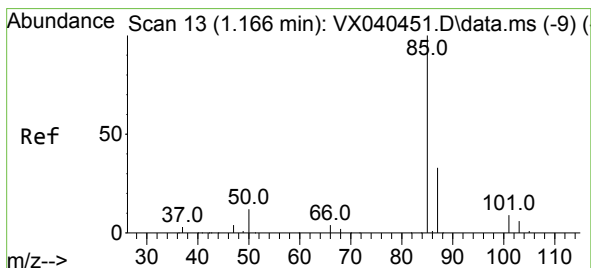
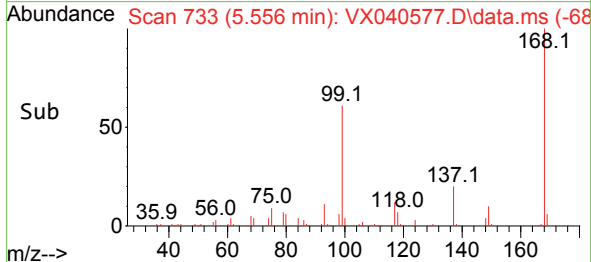
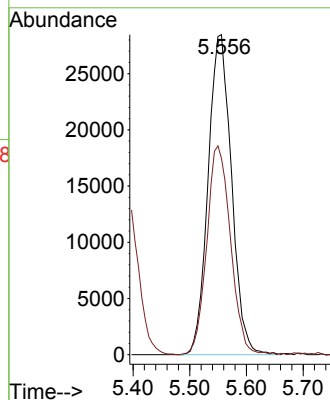
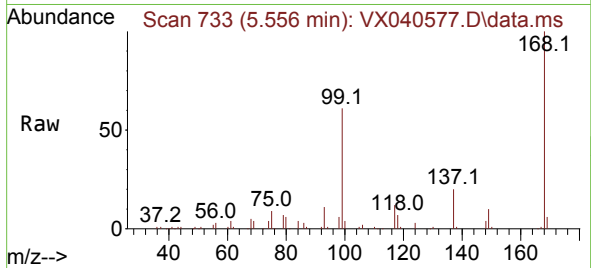
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040577.D
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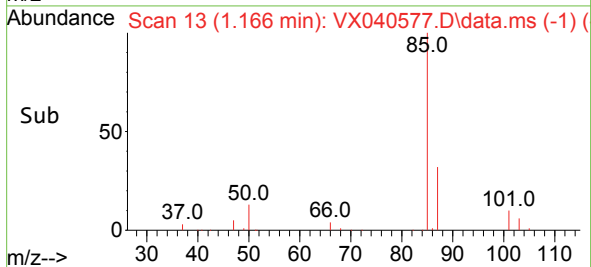
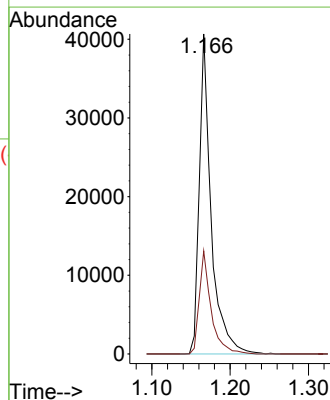
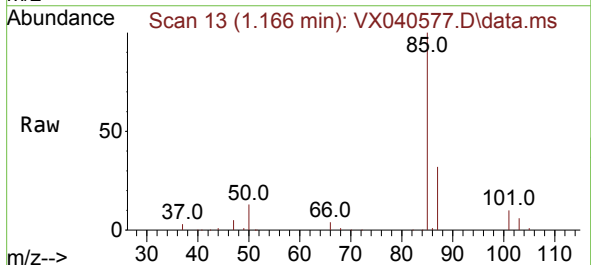
Instrument :
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ClientSampleId :
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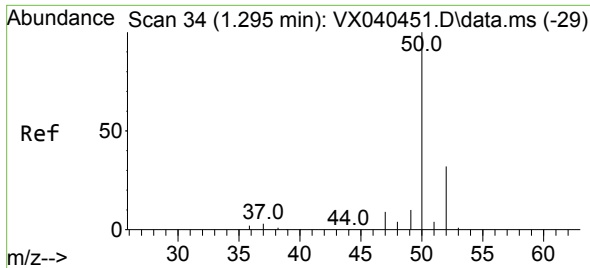
Tgt Ion:168 Resp: 81619
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 42.173 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 85 Resp: 42837
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1

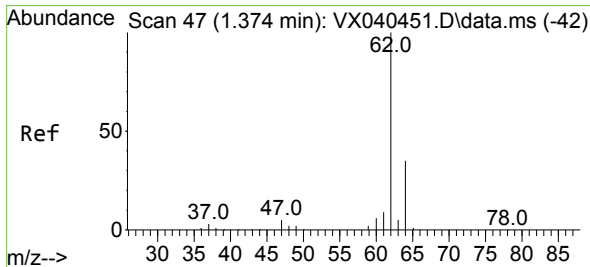
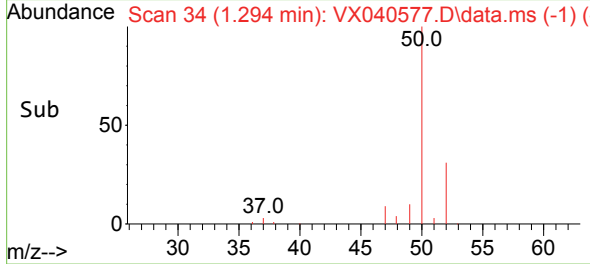
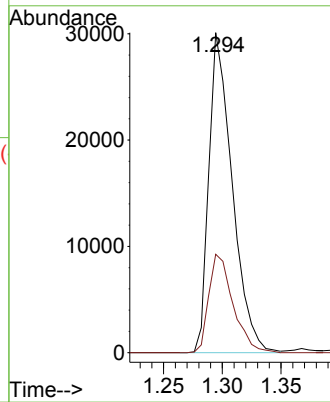
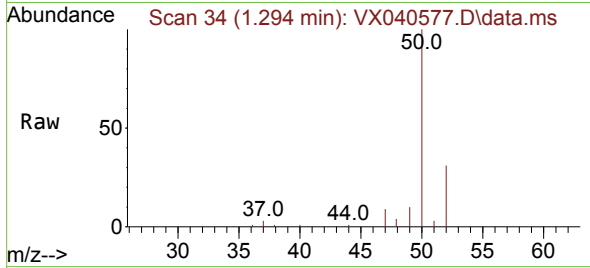




#3
Chloromethane
Concen: 41.349 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

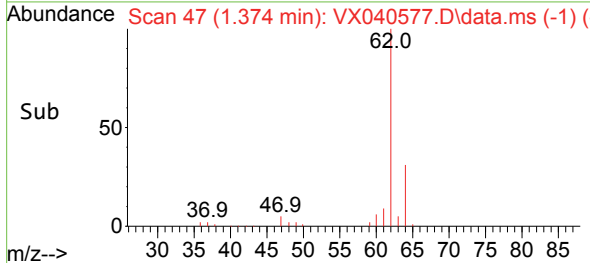
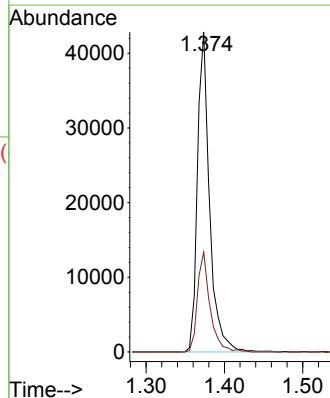
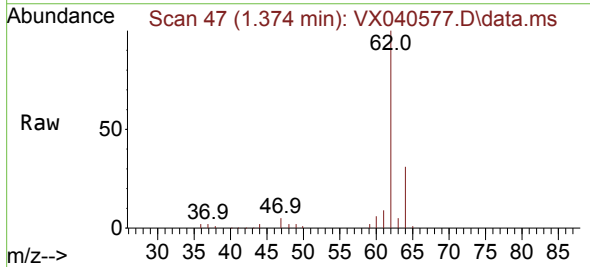
Instrument :
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ClientSampleId :
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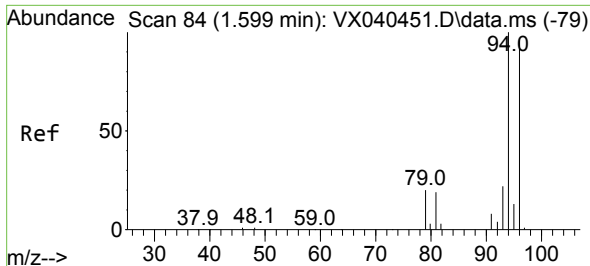
Tgt Ion: 50 Resp: 41658
Ion Ratio Lower Upper
50 100
52 30.8 25.5 38.3



#4
Vinyl Chloride
Concen: 42.420 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 62 Resp: 46215
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

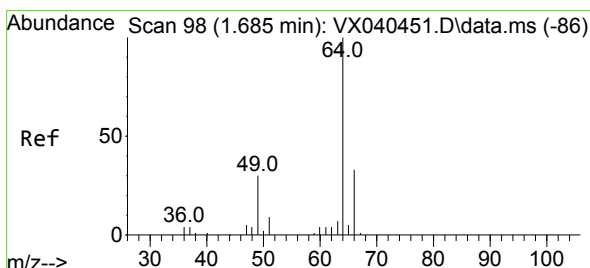
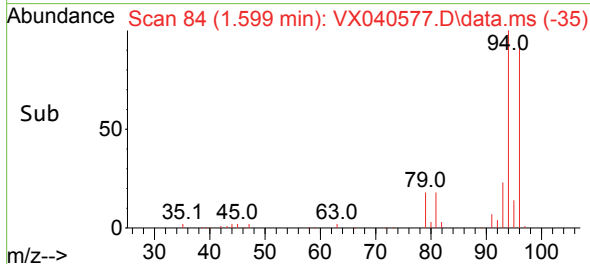
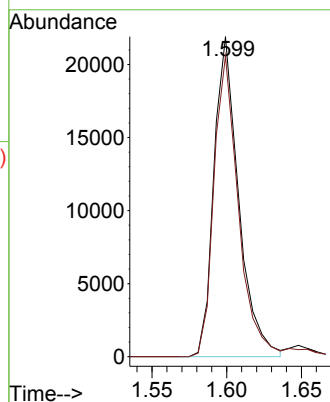
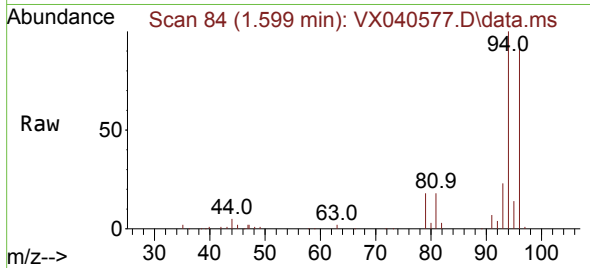




#5
Bromomethane
Concen: 41.579 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

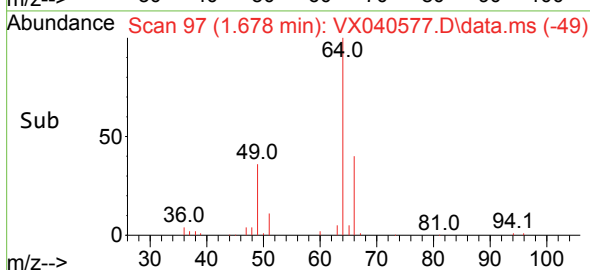
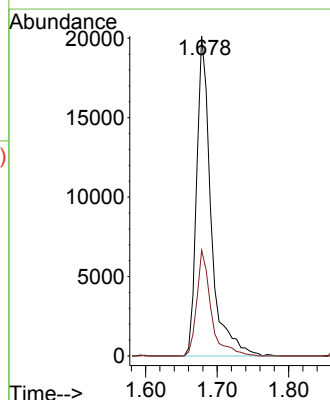
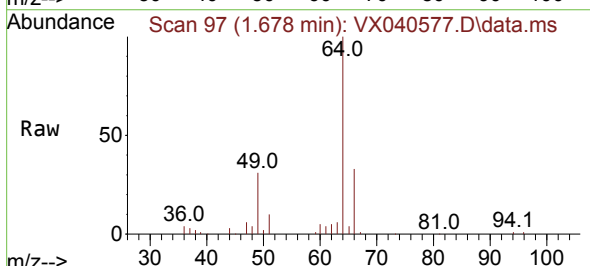
Instrument :
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VSTDCCC050EC

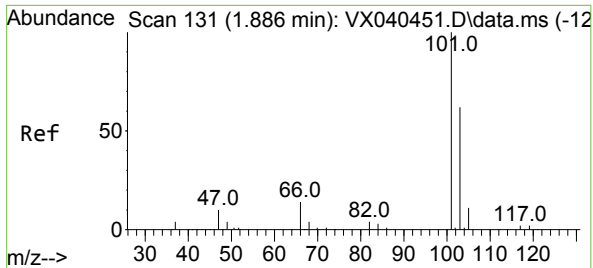
Tgt Ion: 94 Resp: 25174
Ion Ratio Lower Upper
94 100
96 93.9 74.6 111.8



#6
Chloroethane
Concen: 40.872 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 64 Resp: 28180
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7

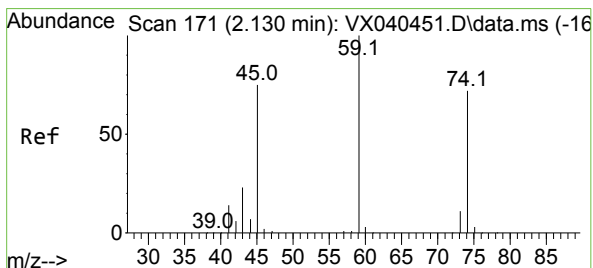
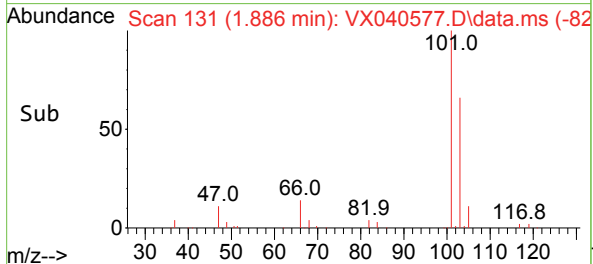
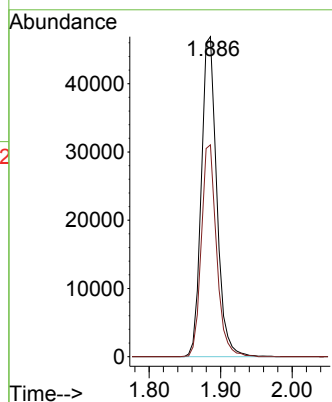
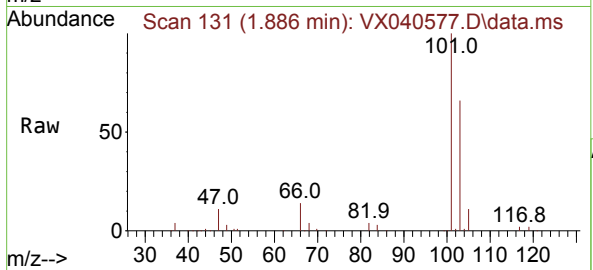




#7
Trichlorofluoromethane
Concen: 40.998 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

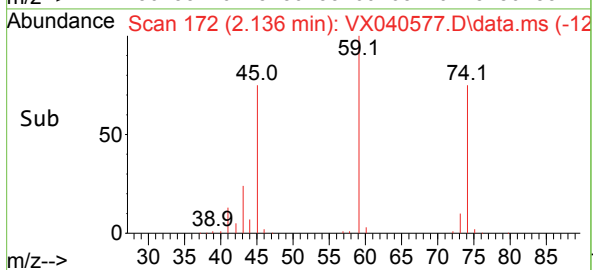
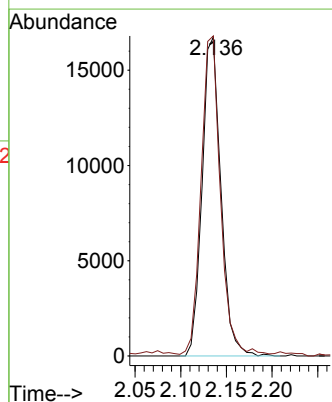
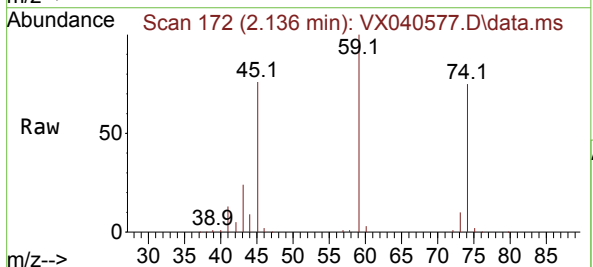
Instrument :
MSVOA_X
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VSTDCCC050EC

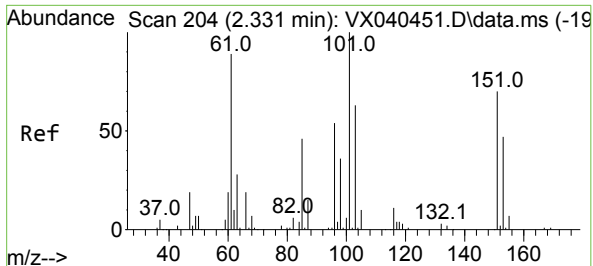
Tgt Ion:101 Resp: 70546
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.2



#8
Diethyl Ether
Concen: 39.737 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 74 Resp: 23900
Ion Ratio Lower Upper
74 100
45 101.9 53.3 159.8

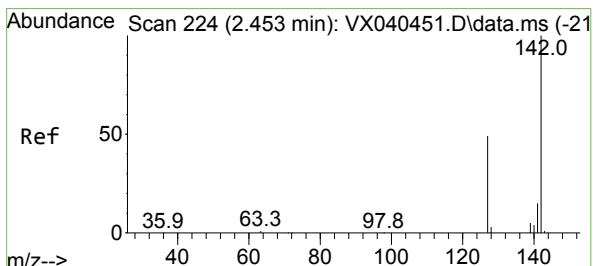
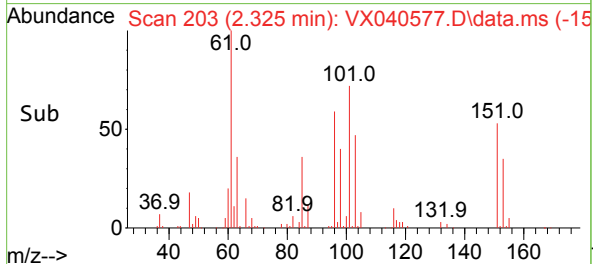
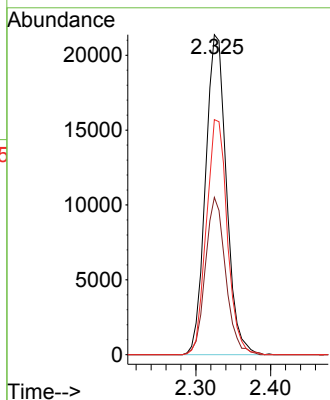
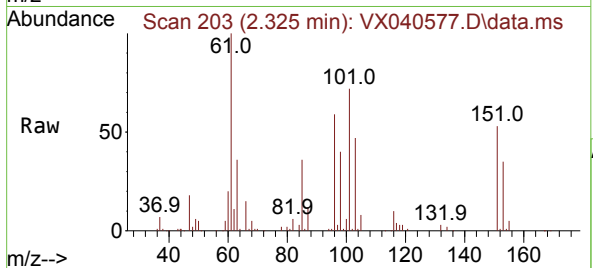




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.897 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

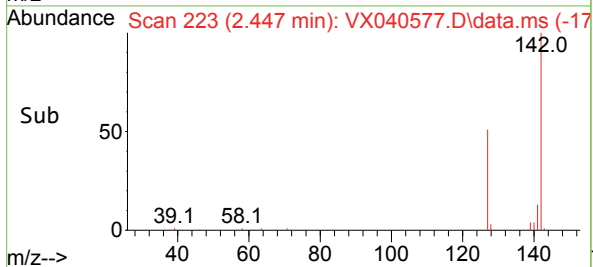
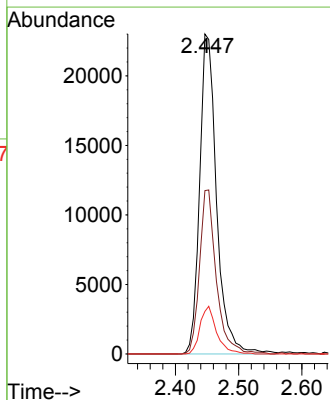
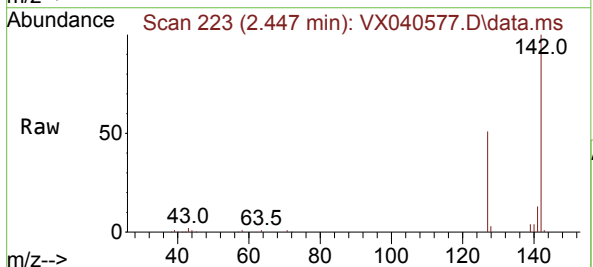
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

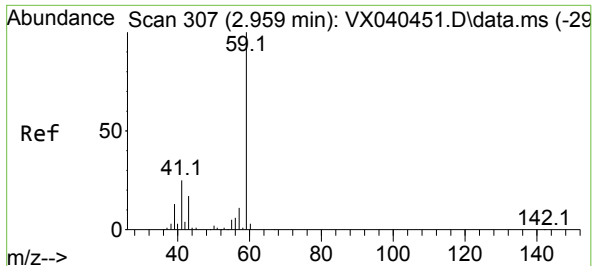
Tgt Ion:101 Resp: 41584
Ion Ratio Lower Upper
101 100
85 47.6 37.0 55.6
151 73.4 58.6 87.8



#10
Methyl Iodide
Concen: 45.223 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion:142 Resp: 43079
Ion Ratio Lower Upper
142 100
127 50.6 41.6 62.4
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 276.401 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

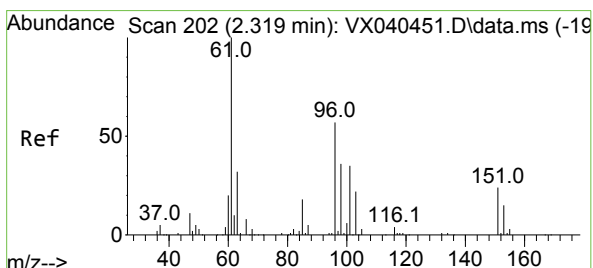
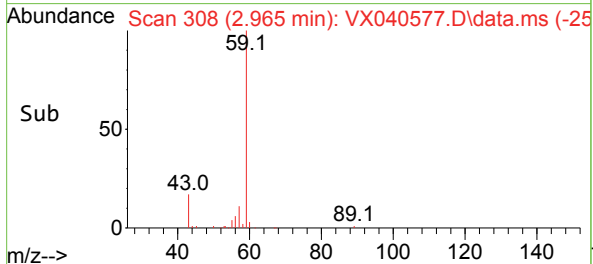
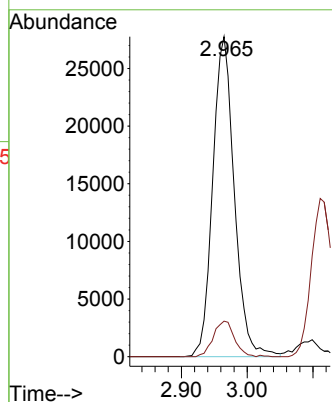
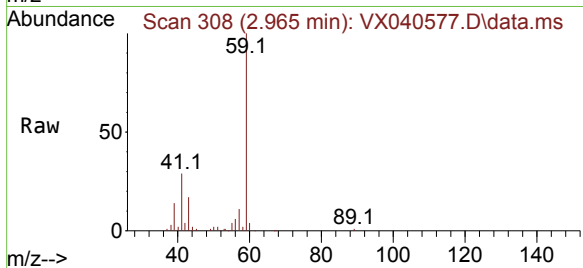
VSTDCCC050EC

Tgt Ion: 59 Resp: 63430

Ion Ratio Lower Upper

59 100

57 10.8 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 41.032 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

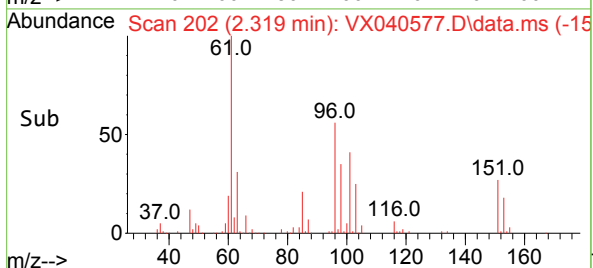
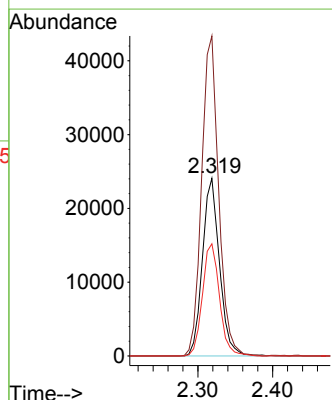
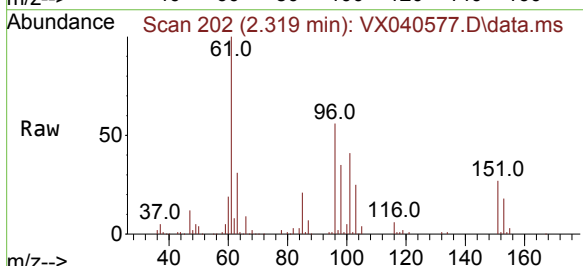
Tgt Ion: 96 Resp: 38156

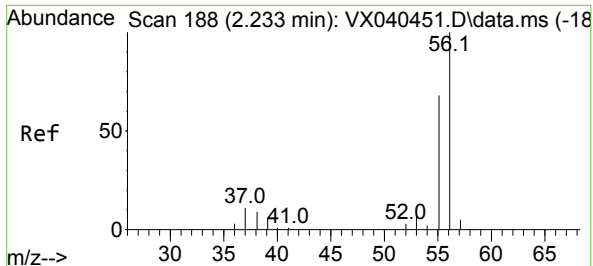
Ion Ratio Lower Upper

96 100

61 180.1 144.6 216.8

98 63.2 50.4 75.6





#13

Acrolein

Concen: 236.488 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

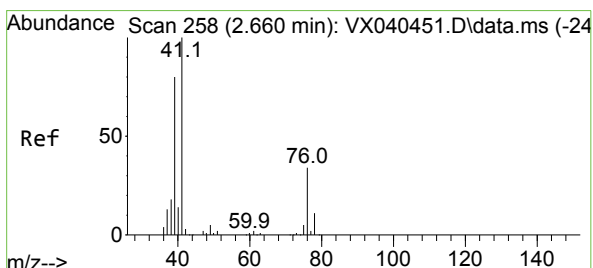
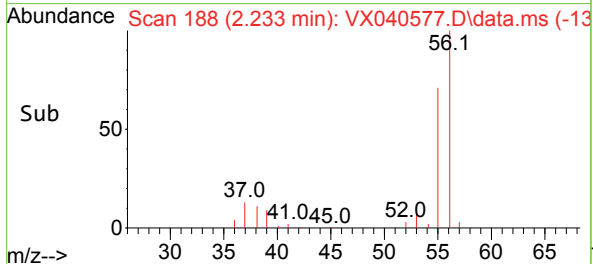
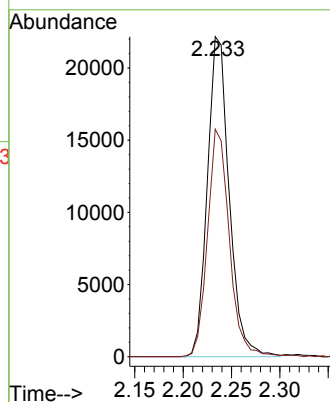
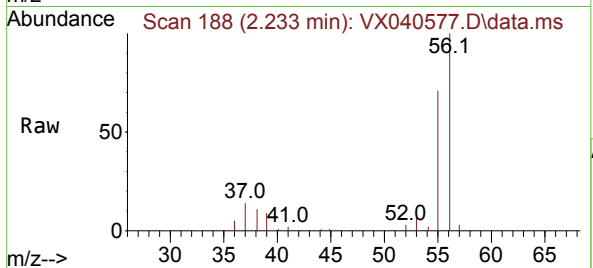
VSTDCCC050EC

Tgt Ion: 56 Resp: 34794

Ion Ratio Lower Upper

56 100

55 71.3 57.1 85.7



#14

Allyl chloride

Concen: 43.607 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

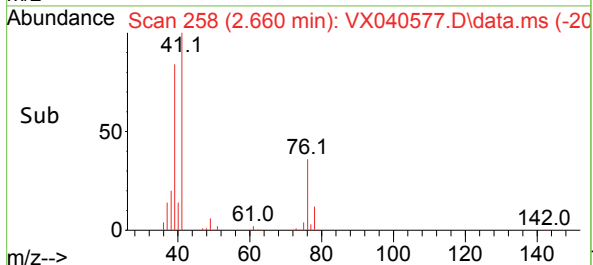
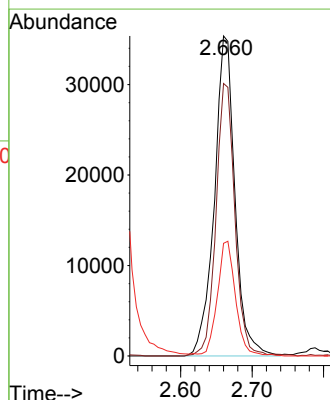
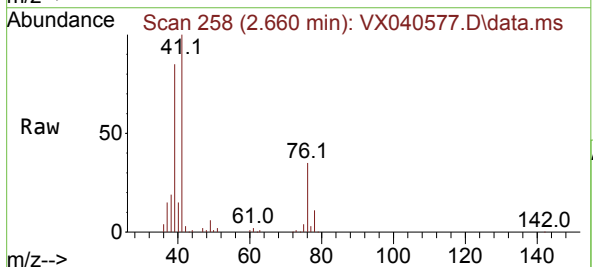
Tgt Ion: 41 Resp: 70943

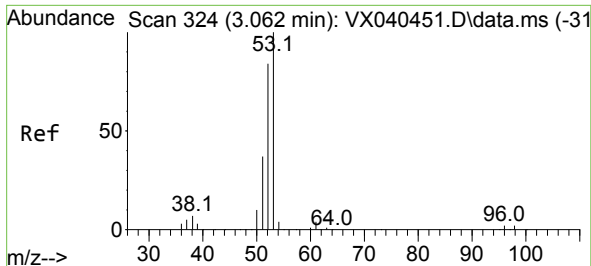
Ion Ratio Lower Upper

41 100

39 78.1 55.8 83.6

76 31.7 24.3 36.5

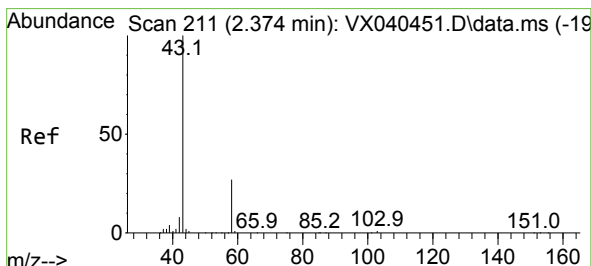
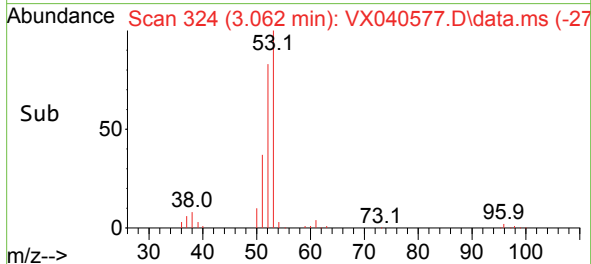
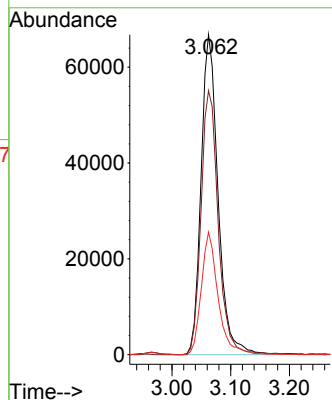
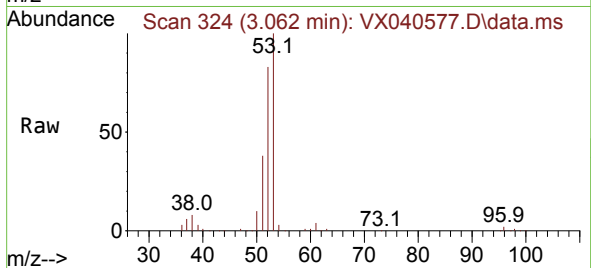




#15
Acrylonitrile
Concen: 233.435 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

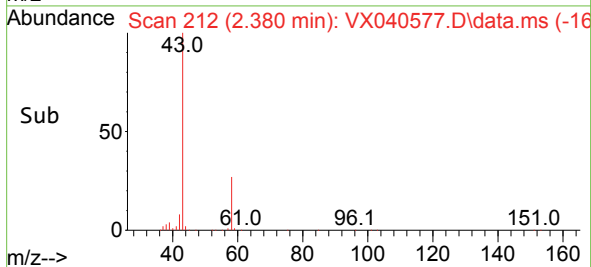
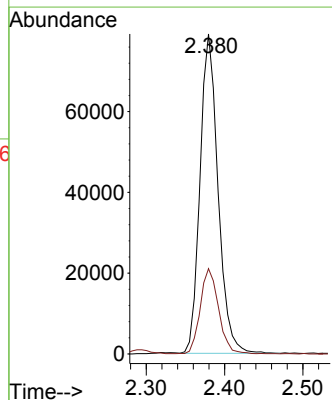
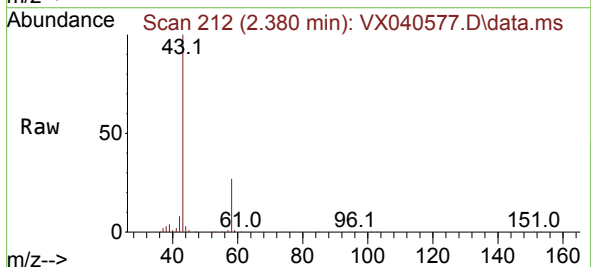
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

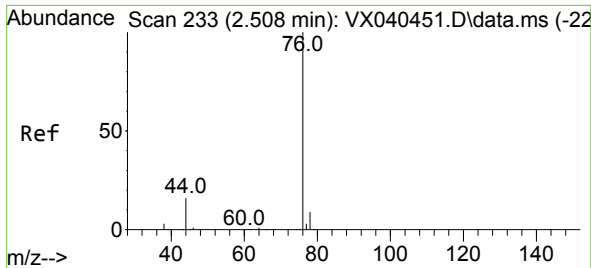
Tgt Ion: 53 Resp: 134375
Ion Ratio Lower Upper
53 100
52 83.8 66.0 99.0
51 38.0 29.8 44.6



#16
Acetone
Concen: 283.876 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 43 Resp: 126379
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9

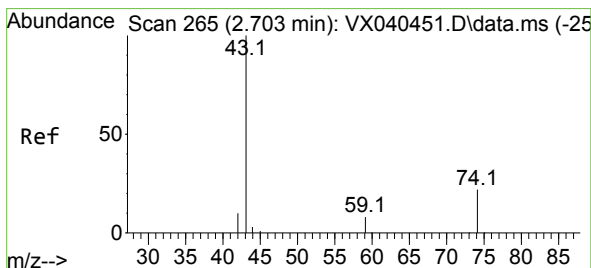
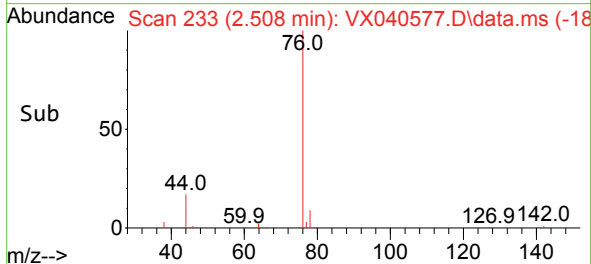
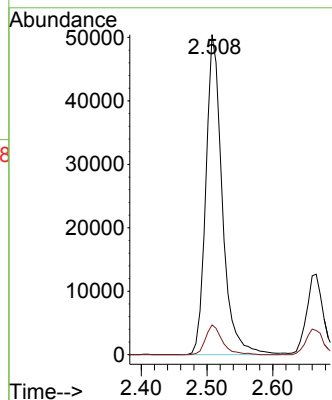
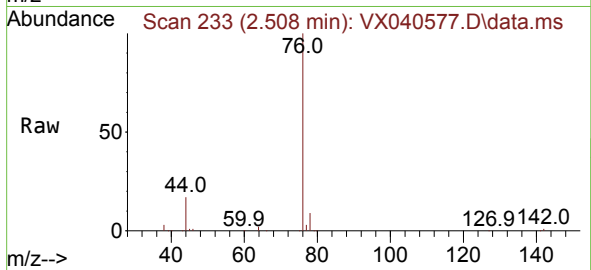




#17
Carbon Disulfide
Concen: 33.947 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

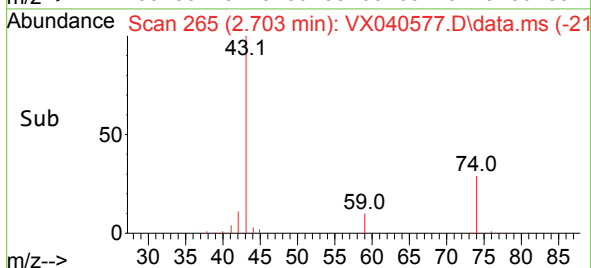
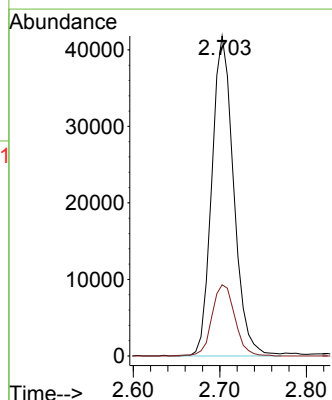
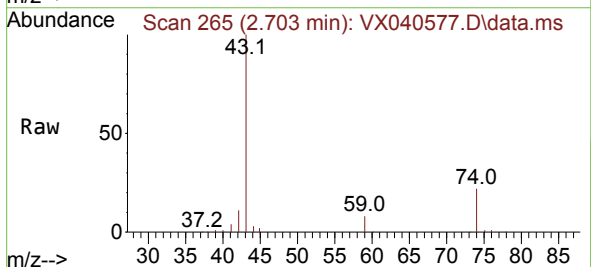
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

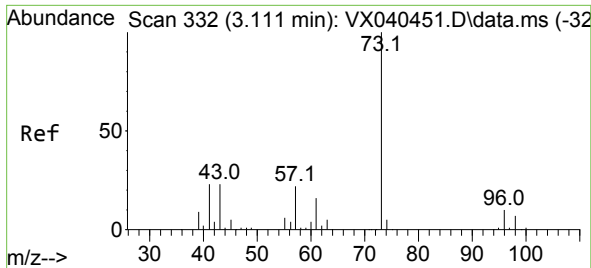
Tgt Ion: 76 Resp: 87417
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 53.472 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 43 Resp: 73391
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.8

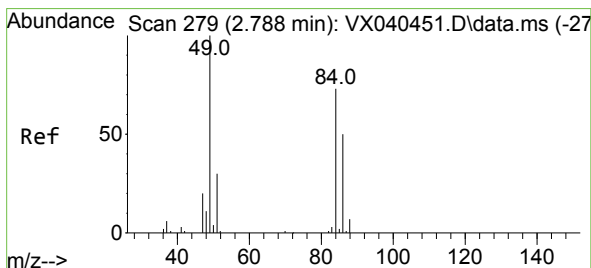
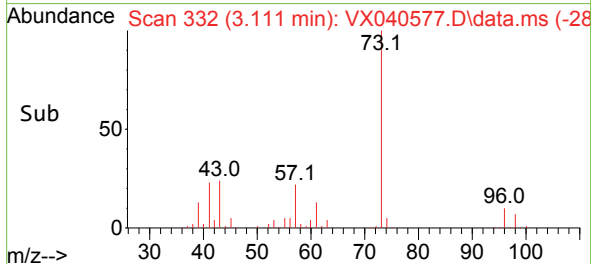
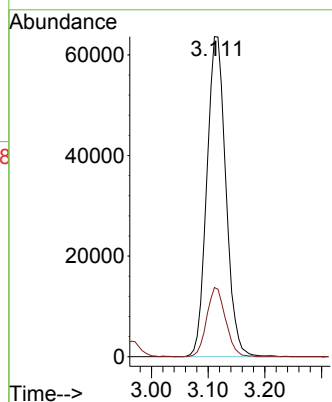
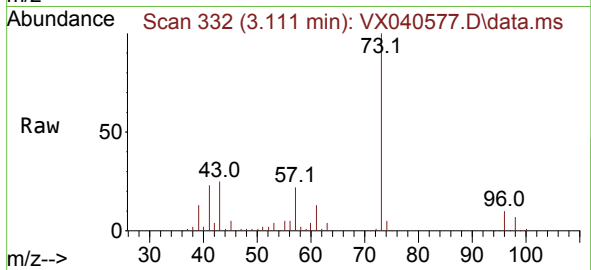




#19
Methyl tert-butyl Ether
Concen: 46.775 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

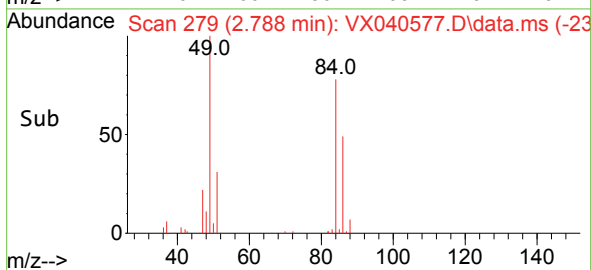
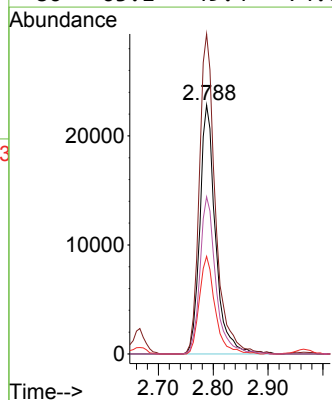
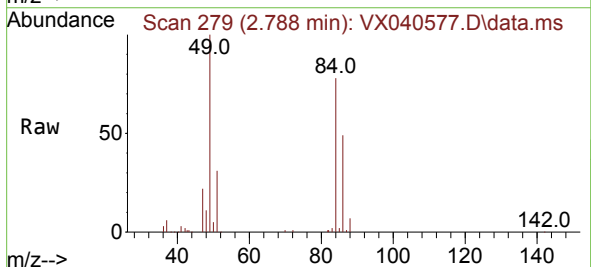
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

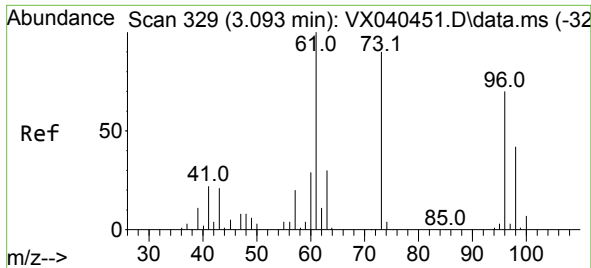
Tgt Ion: 73 Resp: 148363
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 42.552 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 84 Resp: 45333
Ion Ratio Lower Upper
84 100
49 128.6 103.6 155.4
51 39.2 33.8 50.6
86 63.1 49.4 74.0

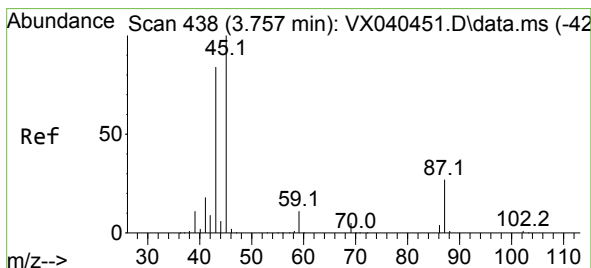
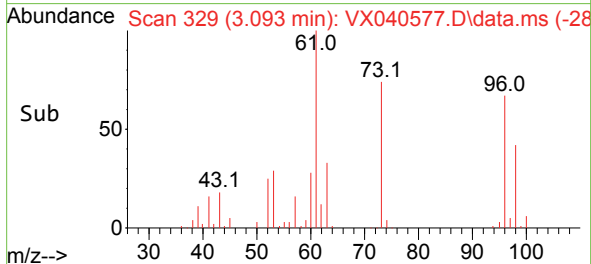
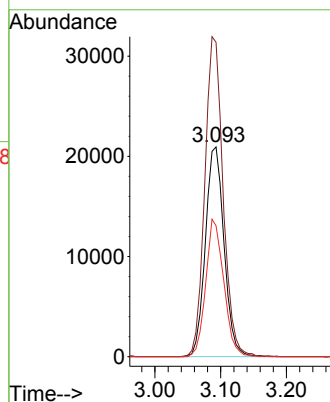
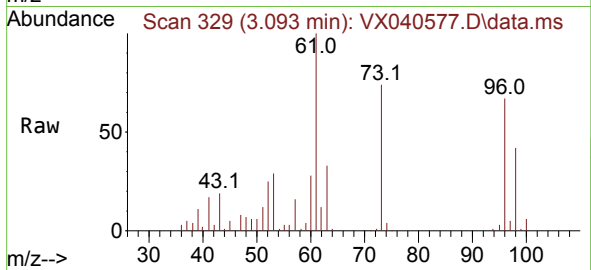




#21
trans-1,2-Dichloroethene
Concen: 41.747 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

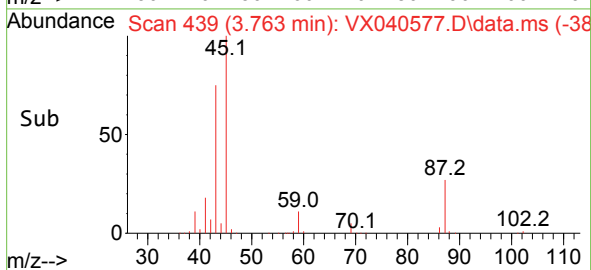
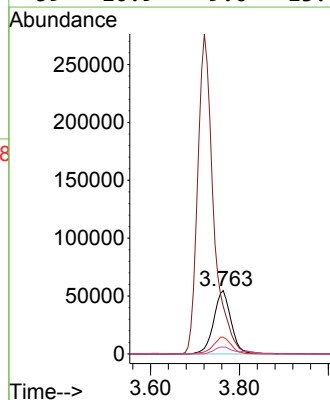
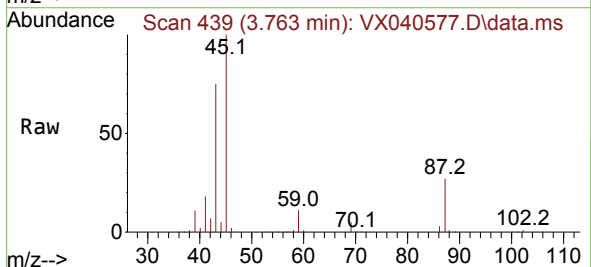
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

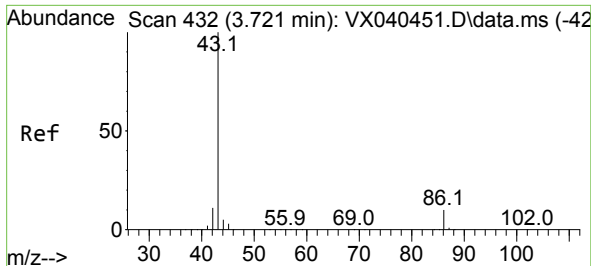
Tgt Ion: 96 Resp: 41401
Ion Ratio Lower Upper
96 100
61 149.9 119.2 178.8
98 62.4 48.7 73.1



#22
Diisopropyl ether
Concen: 45.227 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 45 Resp: 147859
Ion Ratio Lower Upper
45 100
43 74.9 69.7 104.5
87 26.6 20.8 31.2
59 10.9 9.0 13.4

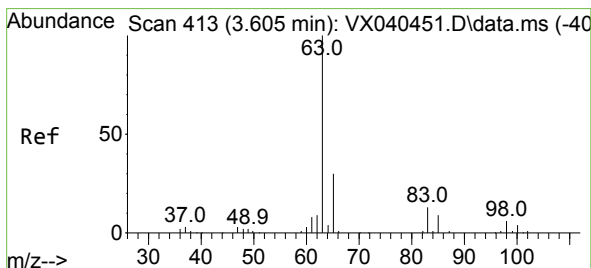
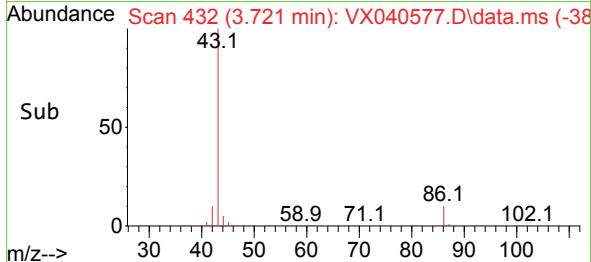
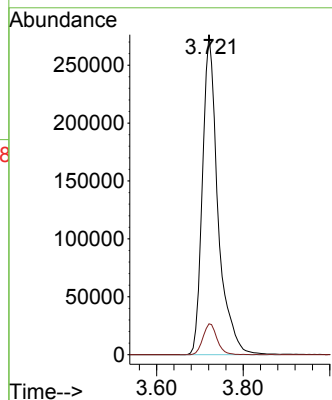
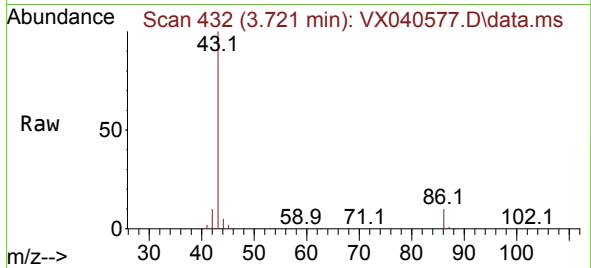




#23
 Vinyl Acetate
 Concen: 228.947 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040577.D
 Acq: 04 Mar 2024 18:24

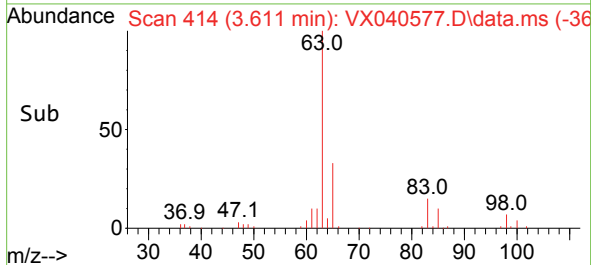
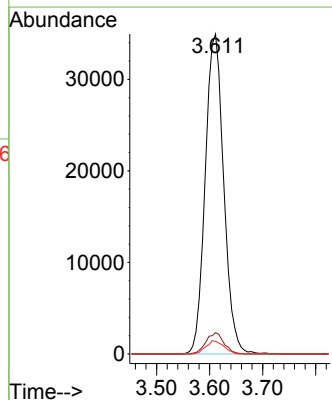
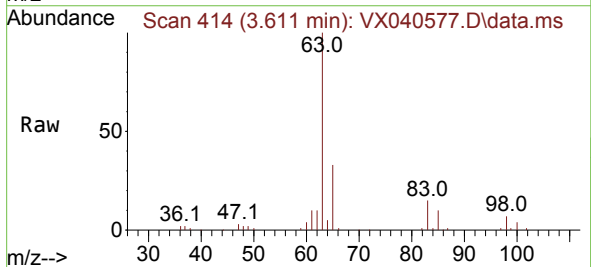
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

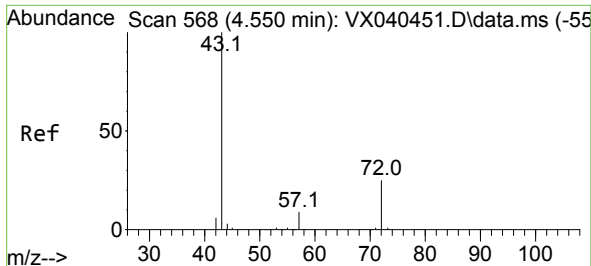
Tgt Ion: 43 Resp: 685637
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 44.355 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040577.D
 Acq: 04 Mar 2024 18:24

Tgt Ion: 63 Resp: 84560
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 3.9 2.1 6.5

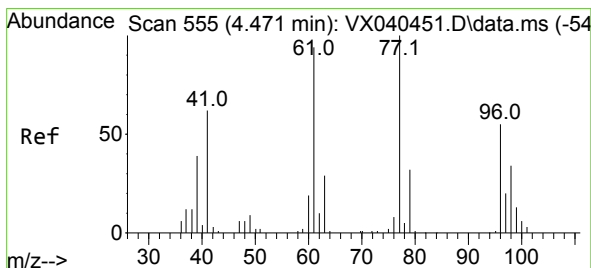
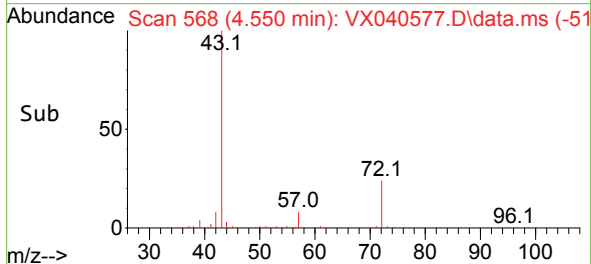
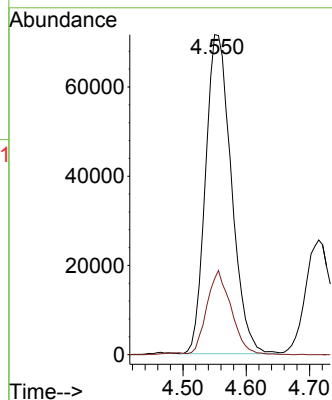
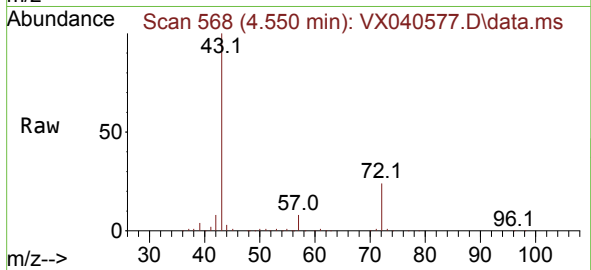




#25
2-Butanone
Concen: 261.694 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

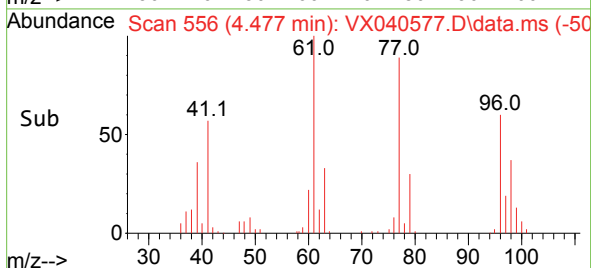
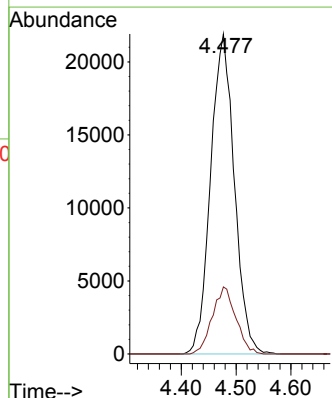
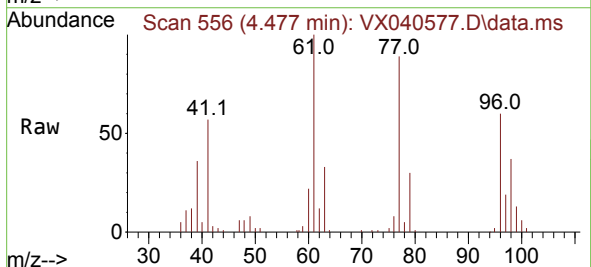
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

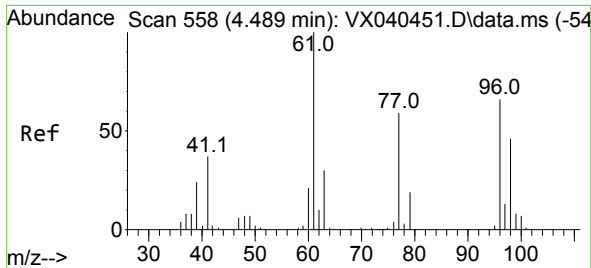
Tgt Ion: 43 Resp: 202984
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2



#26
2,2-Dichloropropane
Concen: 43.349 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 77 Resp: 65799
Ion Ratio Lower Upper
77 100
97 20.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 42.348 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

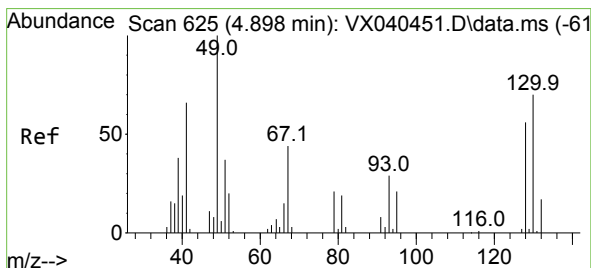
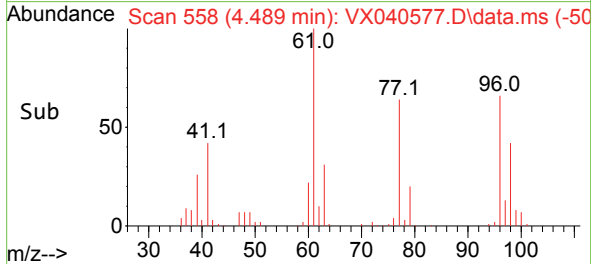
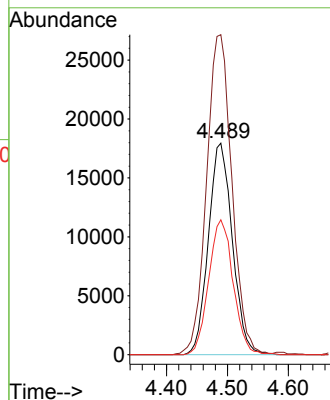
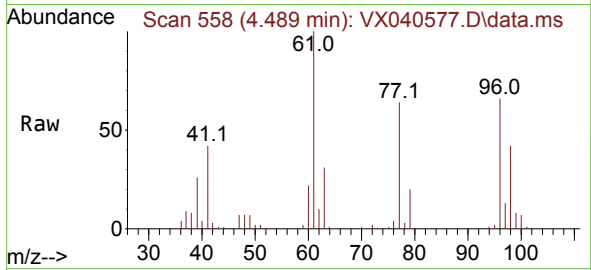
Tgt Ion: 96 Resp: 49132

Ion Ratio Lower Upper

96 100

61 159.6 0.0 312.2

98 65.2 0.0 129.0



#28

Bromochloromethane

Concen: 47.442 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

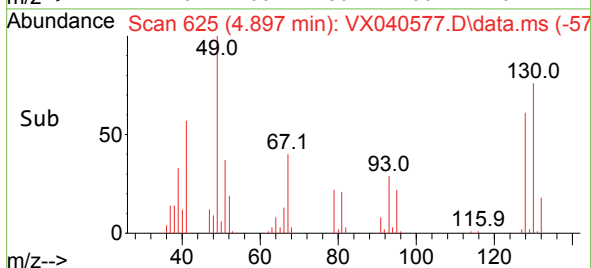
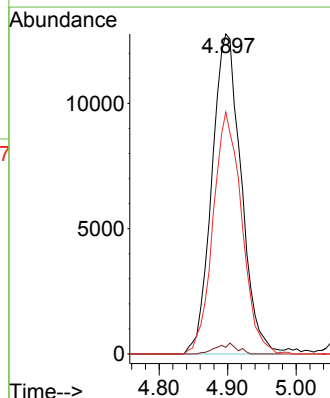
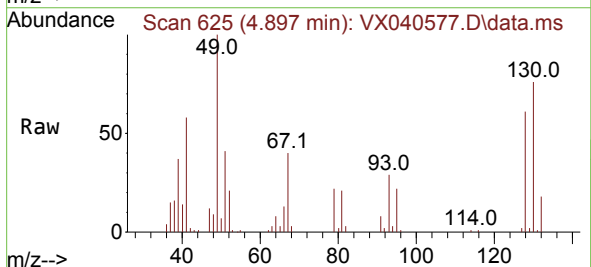
Tgt Ion: 49 Resp: 37834

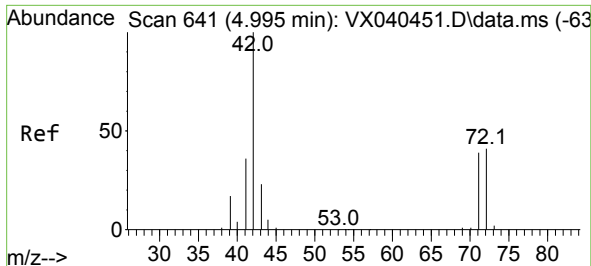
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 74.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 236.686 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX040577.D

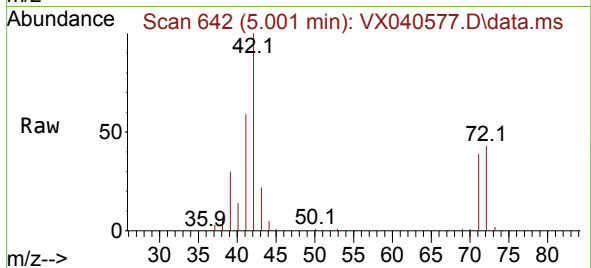
Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



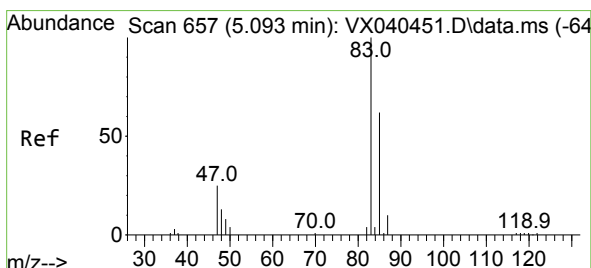
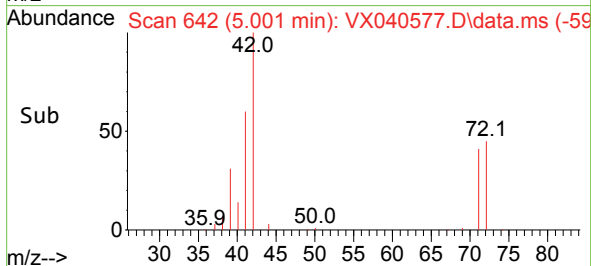
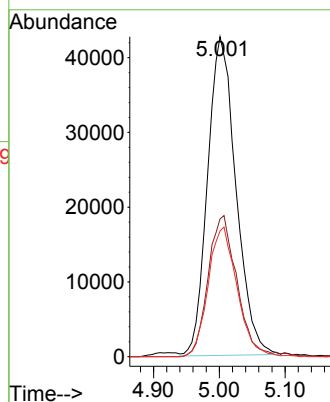
Tgt Ion: 42 Resp: 128073

Ion Ratio Lower Upper

42 100

72 45.4 34.2 51.4

71 41.5 32.2 48.2



#30

Chloroform

Concen: 46.377 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX040577.D

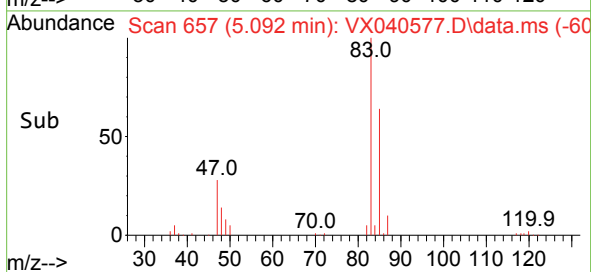
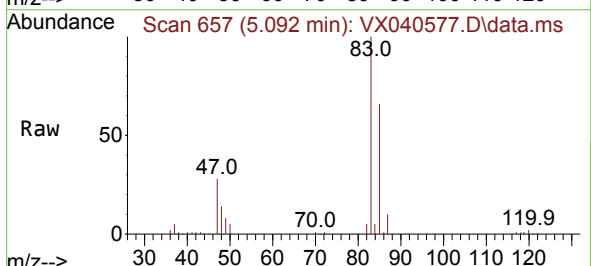
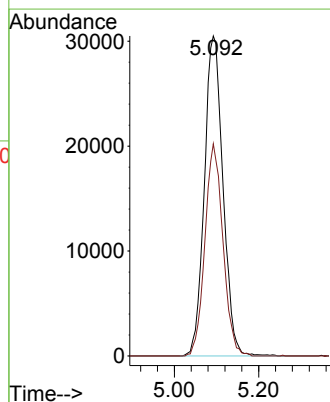
Acq: 04 Mar 2024 18:24

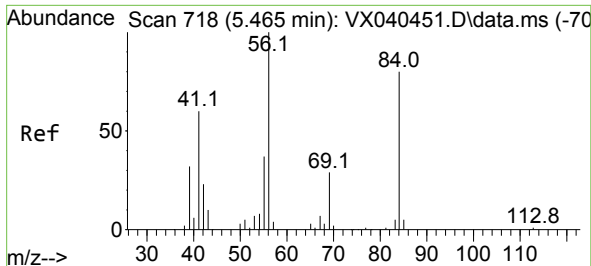
Tgt Ion: 83 Resp: 93848

Ion Ratio Lower Upper

83 100

85 66.3 50.3 75.5

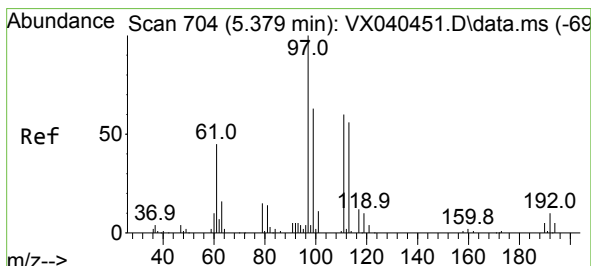
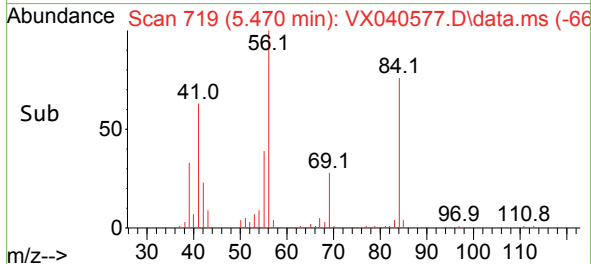
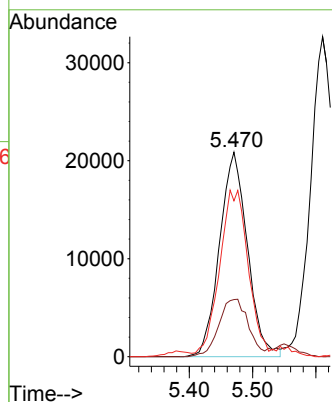
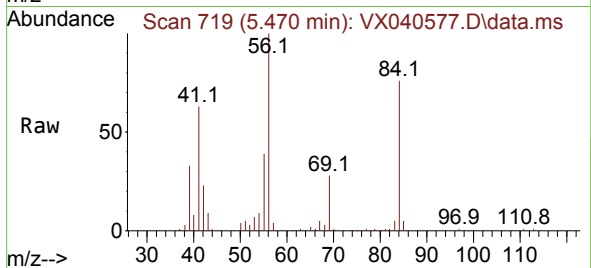




#31
Cyclohexane
Concen: 41.312 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

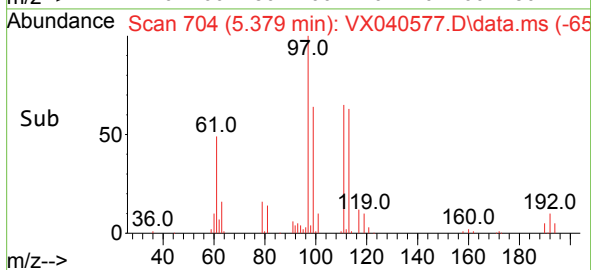
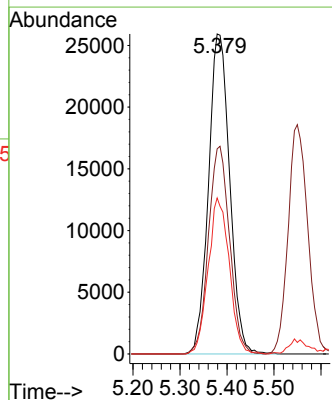
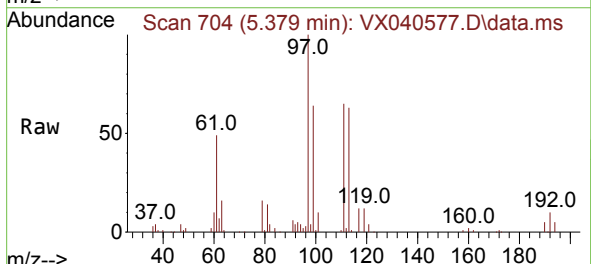
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

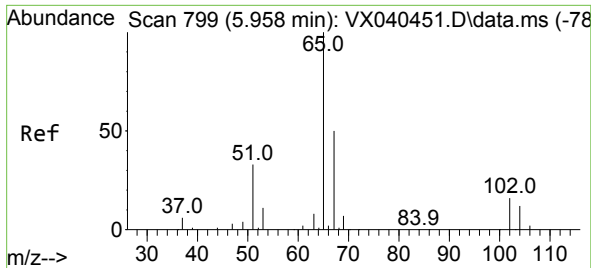
Tgt Ion: 56 Resp: 63894
Ion Ratio Lower Upper
56 100
69 27.9 23.4 35.2
84 73.7 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 47.027 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 97 Resp: 81224
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 48.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.147 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

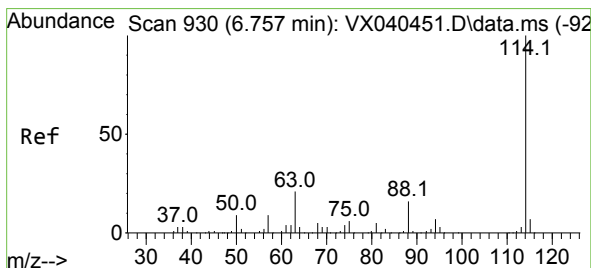
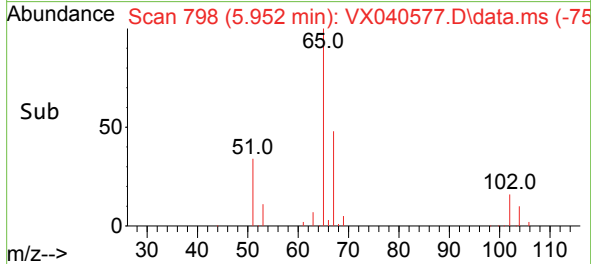
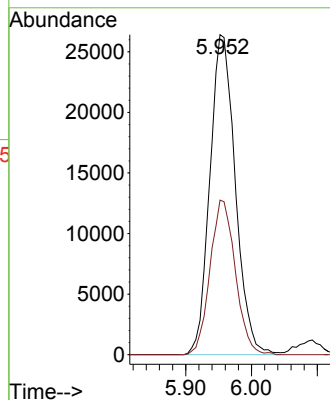
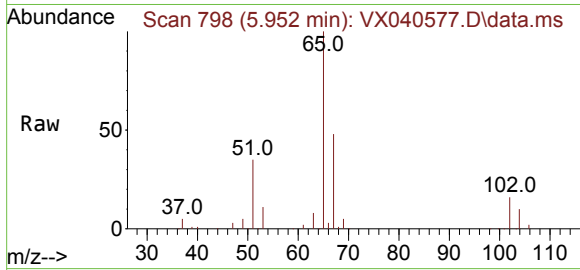
VSTDCCC050EC

Tgt Ion: 65 Resp: 71187

Ion Ratio Lower Upper

65 100

67 47.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

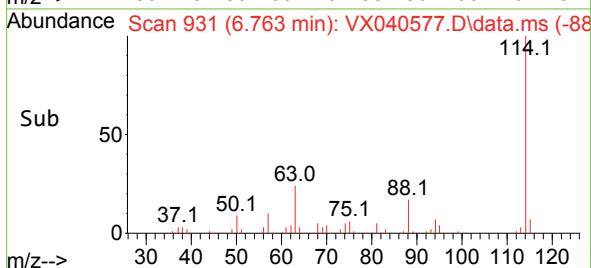
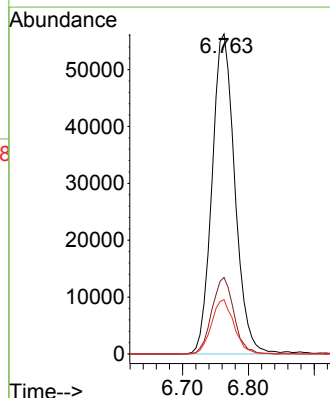
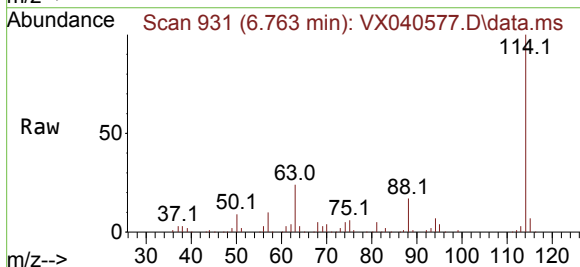
Tgt Ion: 114 Resp: 135862

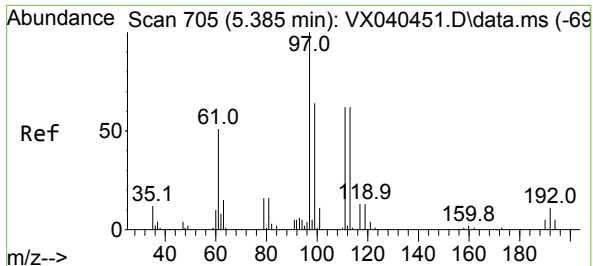
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 16.9 0.0 36.6

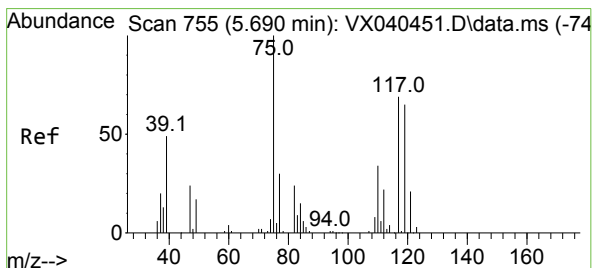
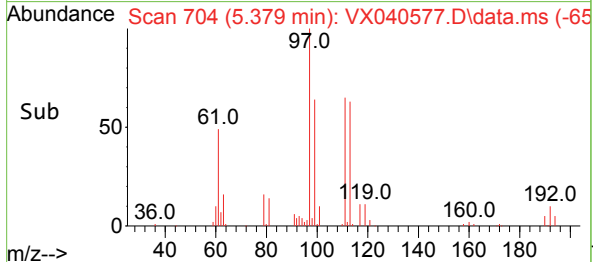
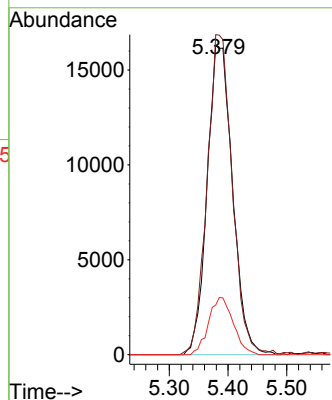
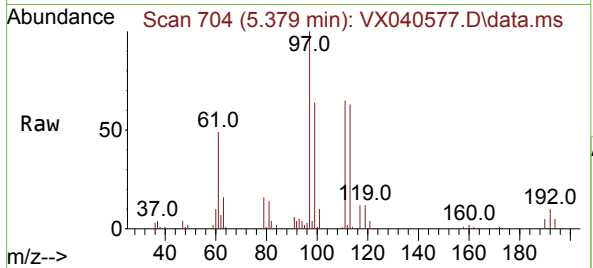




#35
Dibromofluoromethane
Concen: 51.921 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

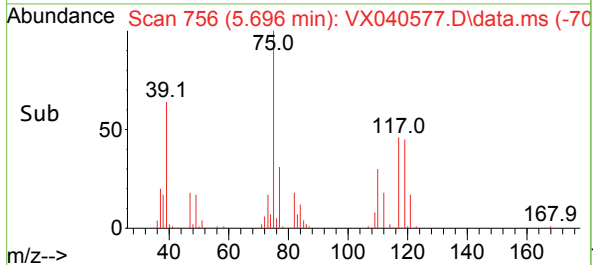
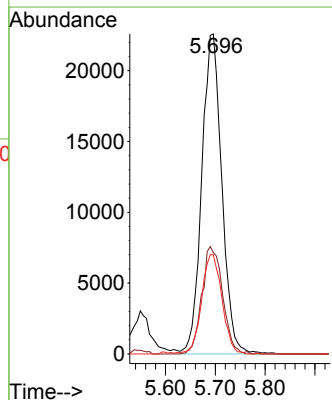
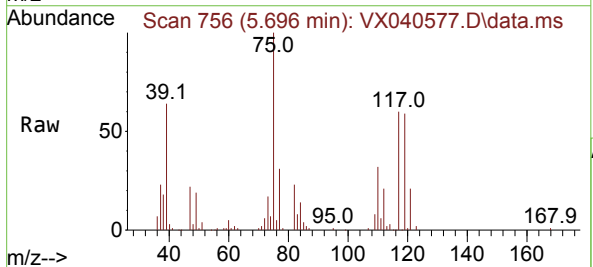
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

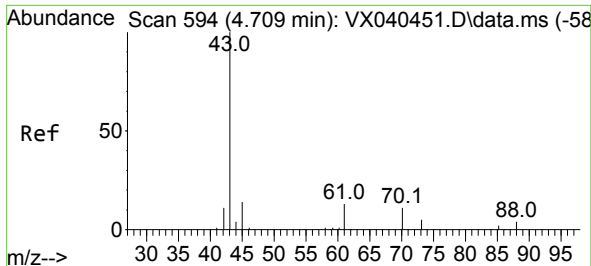
Tgt Ion:113 Resp: 49054
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 43.359 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 75 Resp: 63113
Ion Ratio Lower Upper
75 100
110 34.6 17.0 50.9
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 47.123 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

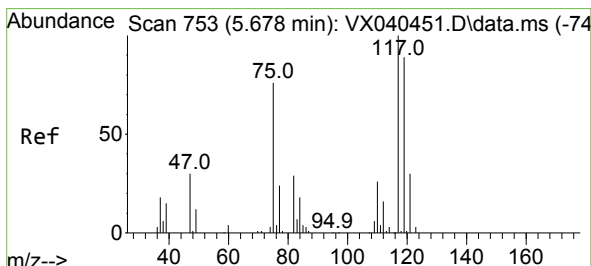
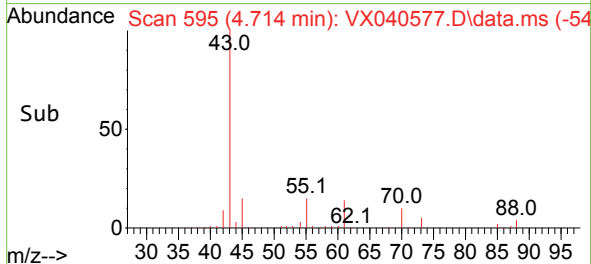
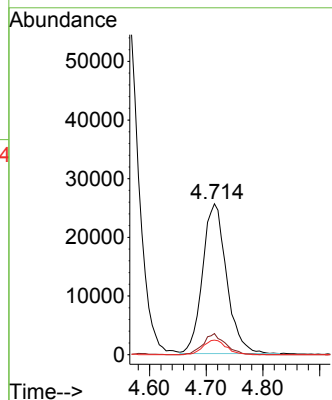
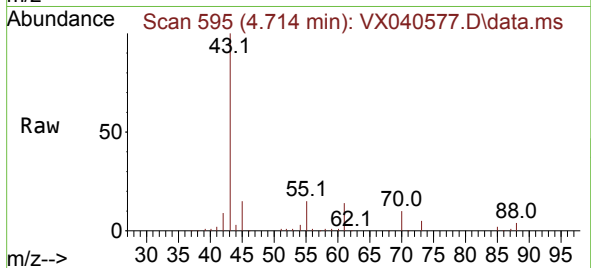
Tgt Ion: 43 Resp: 75068

Ion Ratio Lower Upper

43 100

61 13.0 10.6 16.0

70 9.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 46.923 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

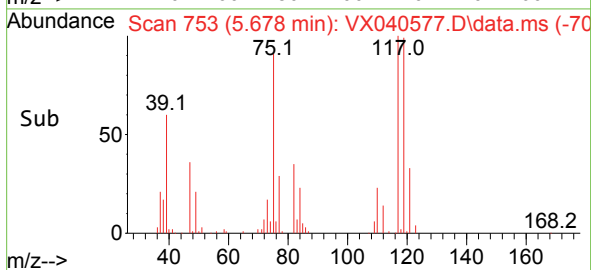
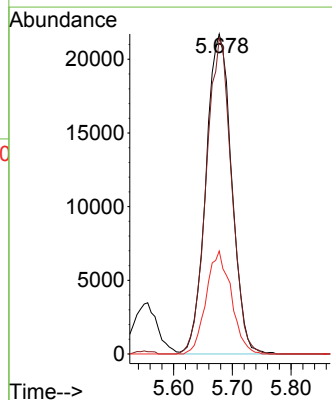
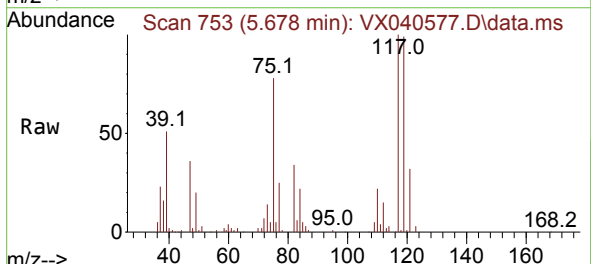
Tgt Ion: 117 Resp: 65983

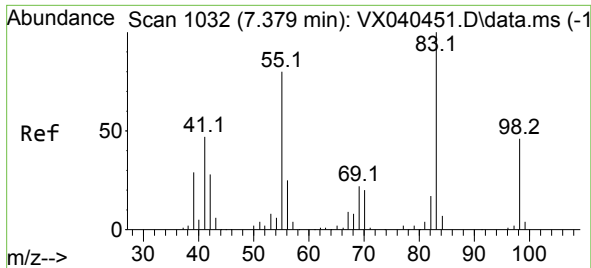
Ion Ratio Lower Upper

117 100

119 98.5 78.2 117.2

121 32.2 24.4 36.6

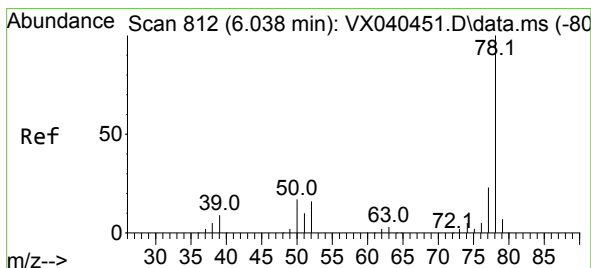
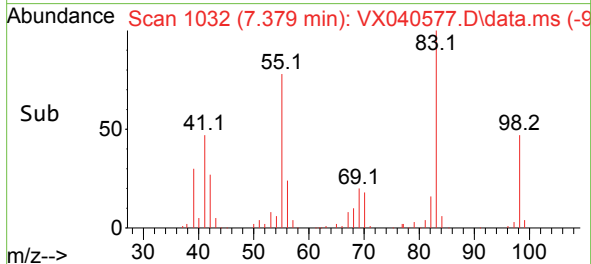
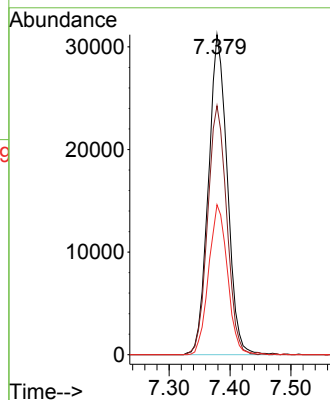
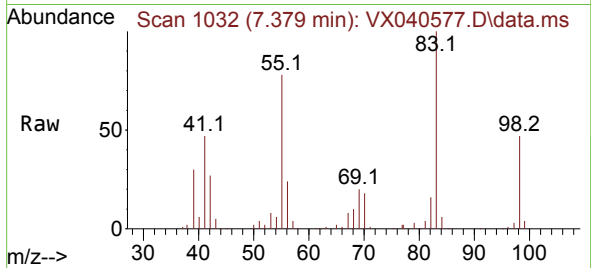




#39
Methylcyclohexane
Concen: 42.886 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

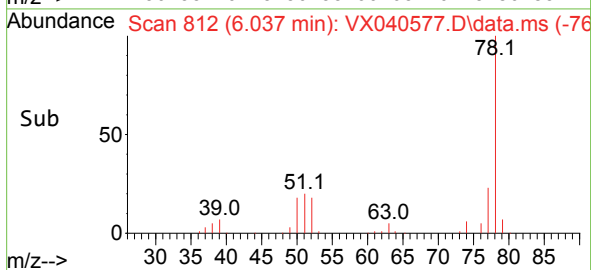
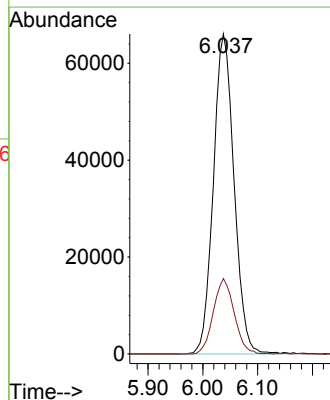
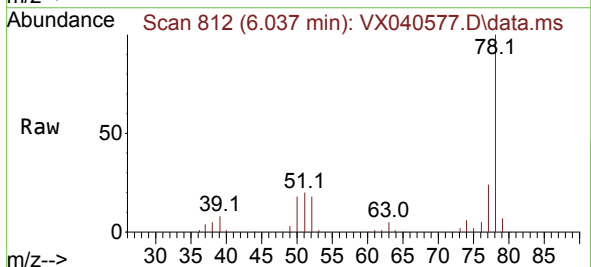
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

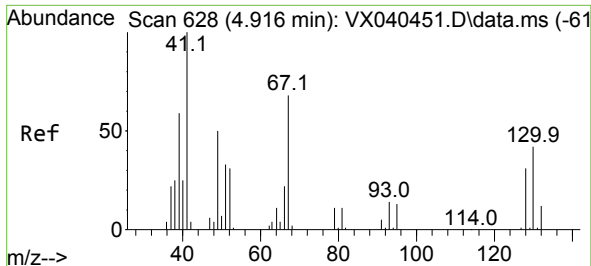
Tgt Ion: 83 Resp: 67397
Ion Ratio Lower Upper
83 100
55 77.8 64.6 97.0
98 46.8 36.7 55.1



#40
Benzene
Concen: 43.917 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 78 Resp: 173073
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

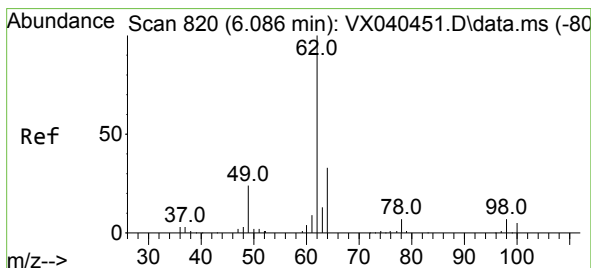
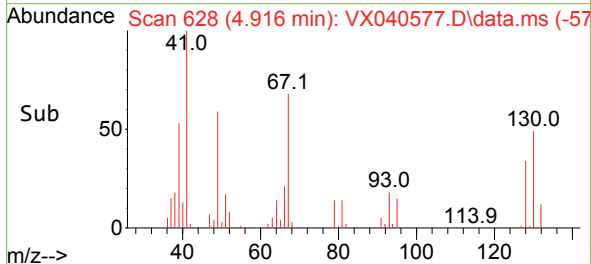
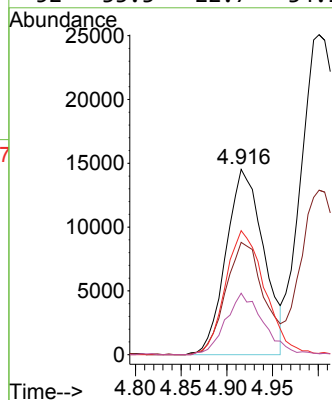
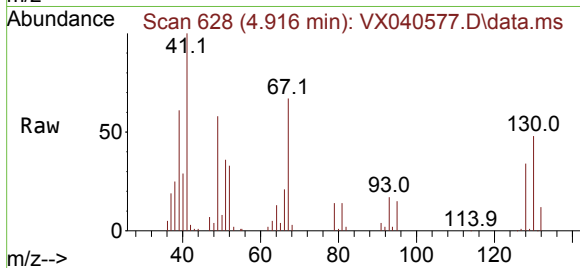




#41
Methacrylonitrile
Concen: 46.799 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

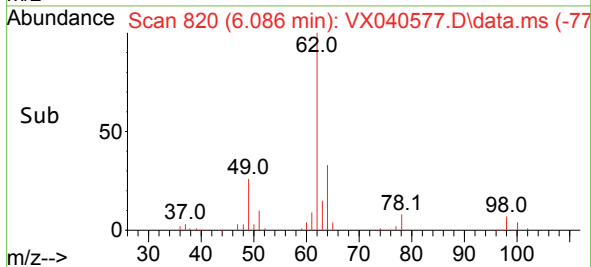
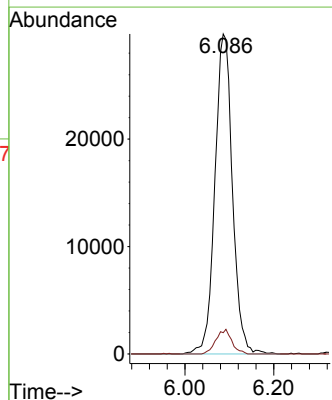
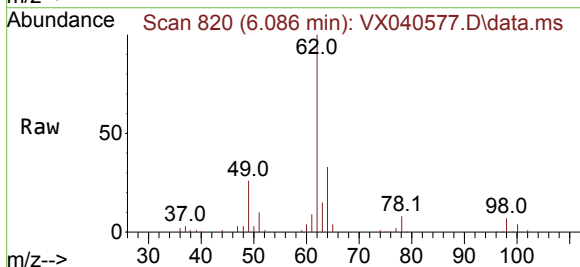
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

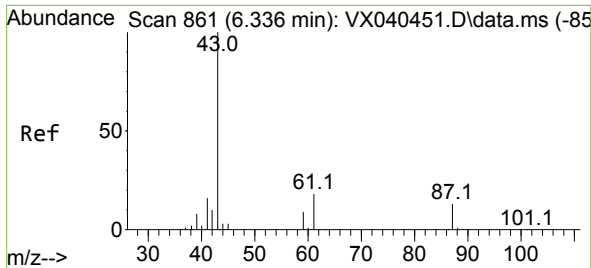
Tgt Ion:	41	Resp:	41643
Ion	Ratio	Lower	Upper
41	100		
39	61.4	45.2	67.8
67	70.3	52.6	78.8
52	33.3	22.7	34.1



#42
1,2-Dichloroethane
Concen: 49.936 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion:	62	Resp:	81451
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	16.0





#43

Isopropyl Acetate

Concen: 48.796 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

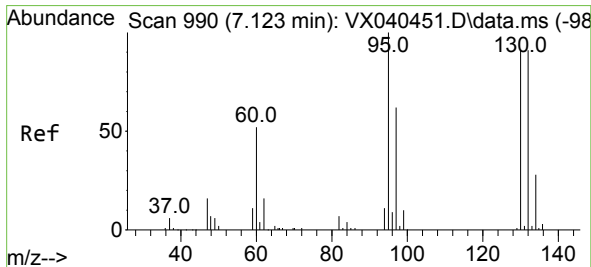
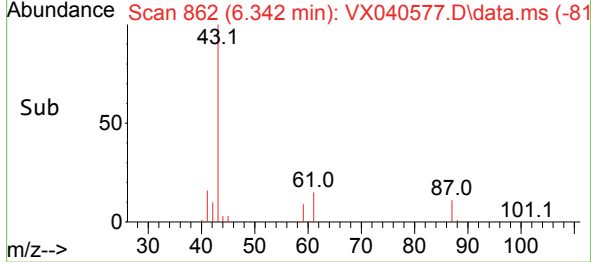
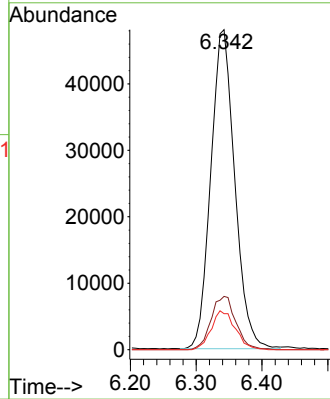
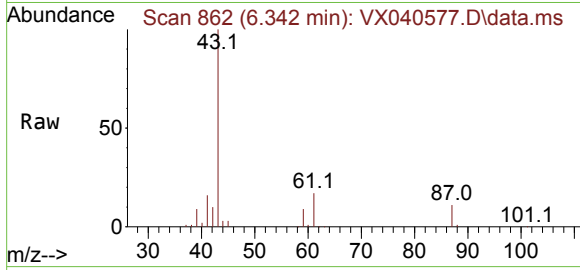
Tgt Ion: 43 Resp: 121973

Ion Ratio Lower Upper

43 100

61 17.2 15.2 22.8

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 44.618 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040577.D

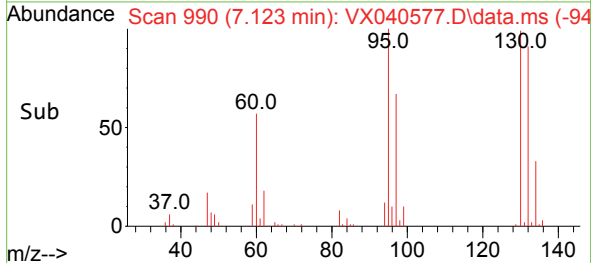
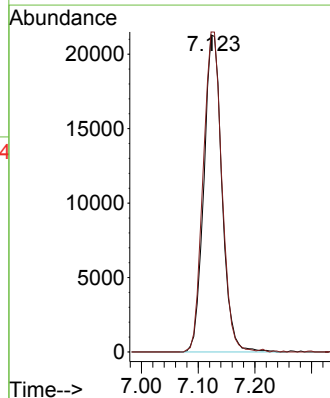
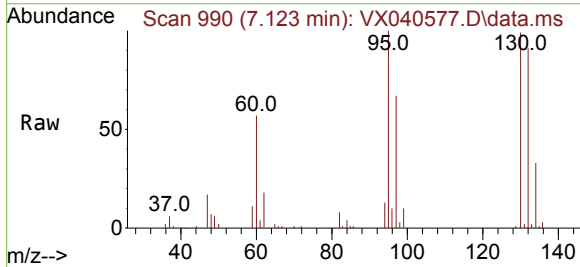
Acq: 04 Mar 2024 18:24

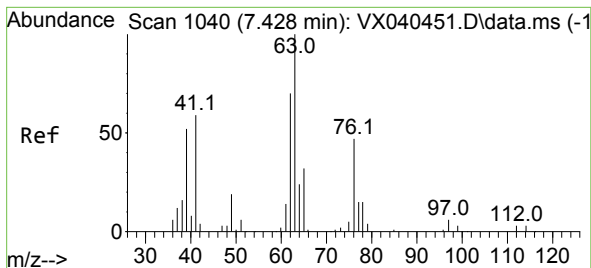
Tgt Ion:130 Resp: 47289

Ion Ratio Lower Upper

130 100

95 100.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 45.251 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

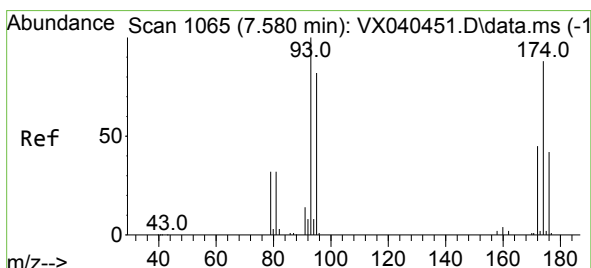
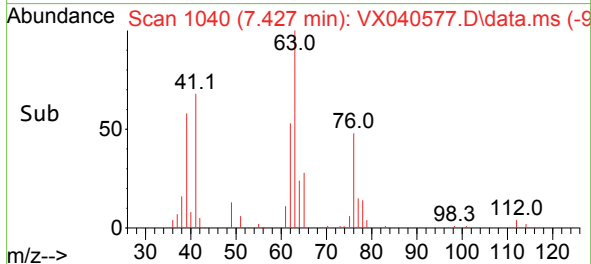
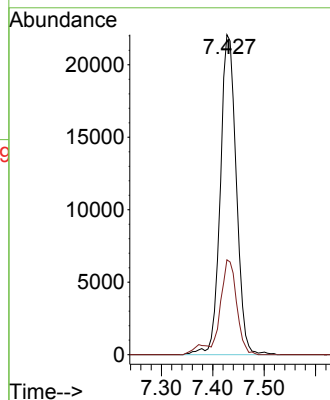
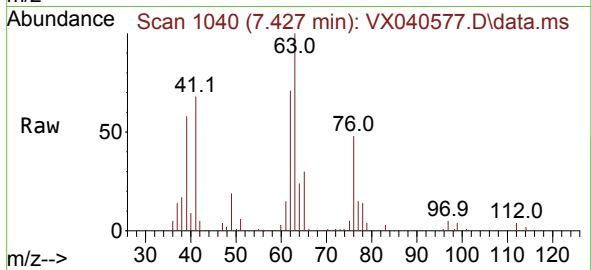
VSTDCCC050EC

Tgt Ion: 63 Resp: 47727

Ion Ratio Lower Upper

63 100

65 29.7 24.3 36.5



#46

Dibromomethane

Concen: 47.486 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

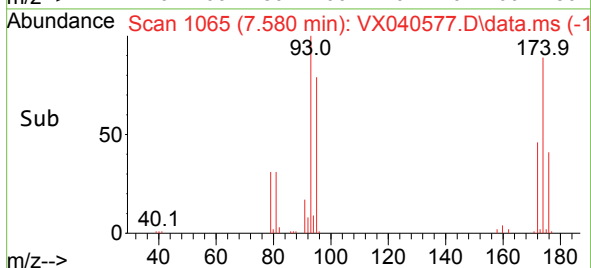
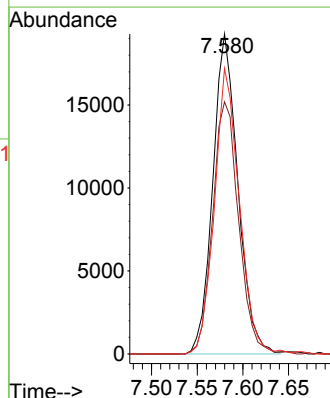
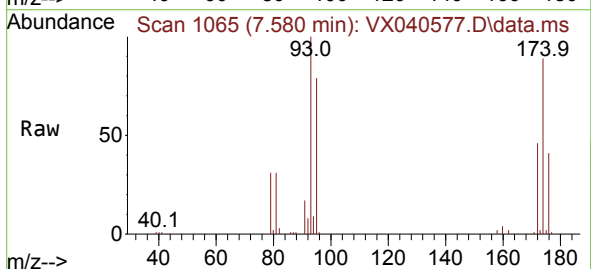
Tgt Ion: 93 Resp: 36822

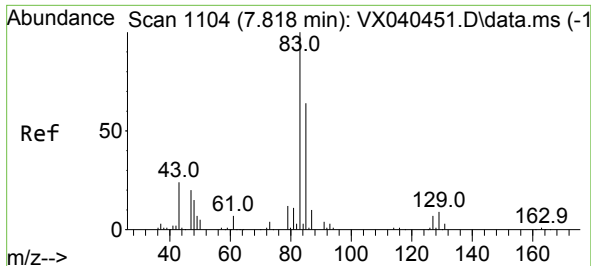
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 88.6 69.4 104.0

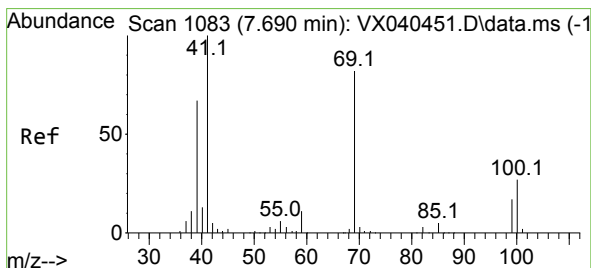
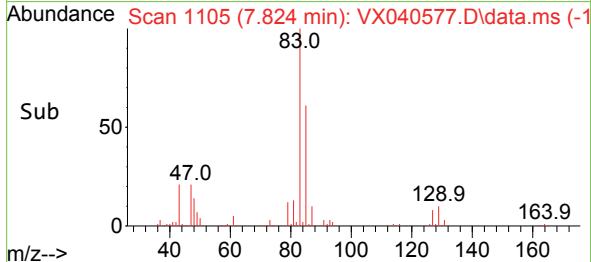
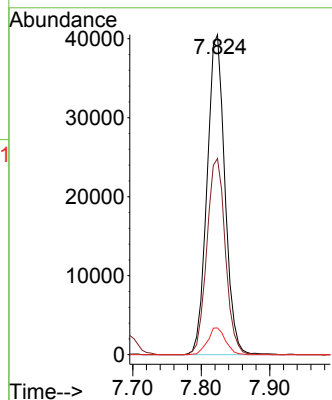
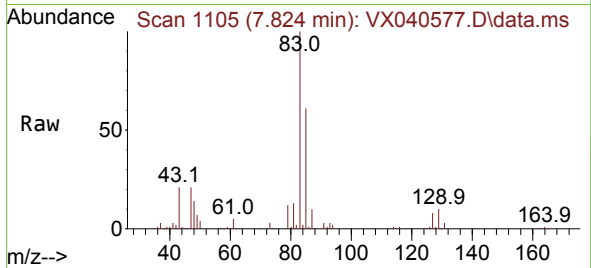




#47
 Bromodichloromethane
 Concen: 47.930 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: VX040577.D
 Acq: 04 Mar 2024 18:24

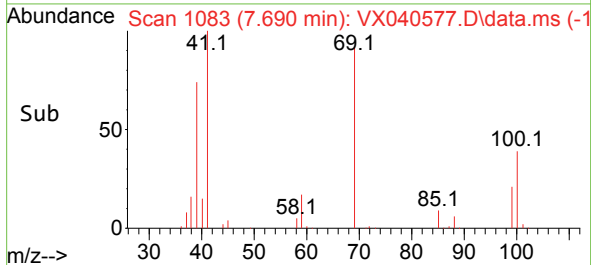
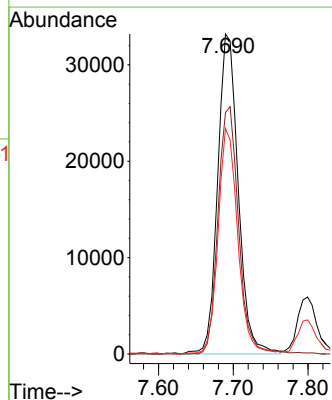
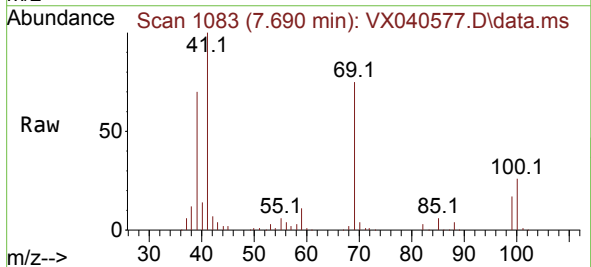
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

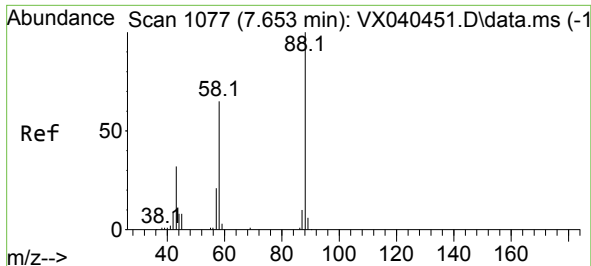
Tgt Ion: 83	Resp: 73177
Ion Ratio	Lower Upper
83 100	
85 61.3	49.8 74.6
127 8.4	7.1 10.7



#48
 Methyl methacrylate
 Concen: 50.791 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. -0.000 min
 Lab File: VX040577.D
 Acq: 04 Mar 2024 18:24

Tgt Ion: 41	Resp: 63456
Ion Ratio	Lower Upper
41 100	
69 77.0	59.2 88.8
39 67.6	47.7 71.5





#49

1,4-Dioxane

Concen: 1137.802 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

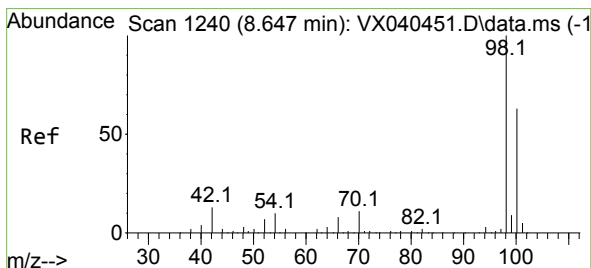
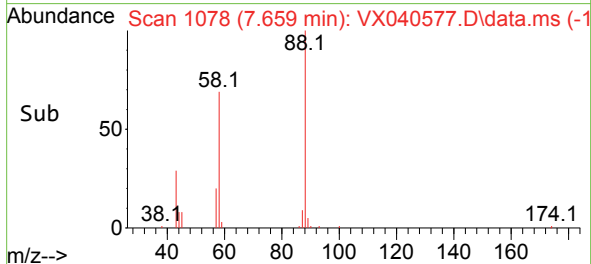
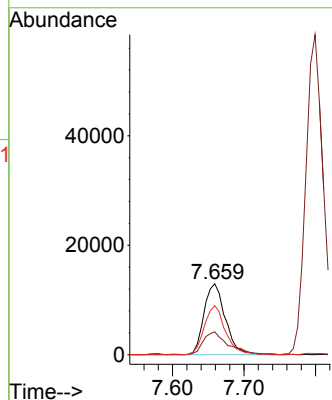
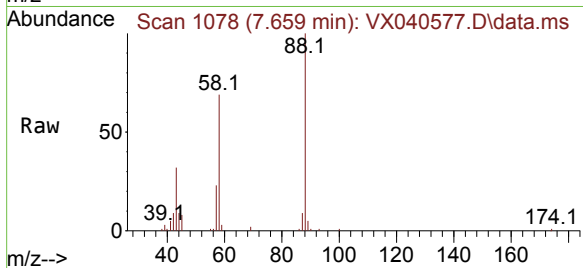
Tgt Ion: 88 Resp: 26891

Ion Ratio Lower Upper

88 100

43 37.3 0.0 0.0#

58 68.3 60.1 90.1



#50

Toluene-d8

Concen: 49.072 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040577.D

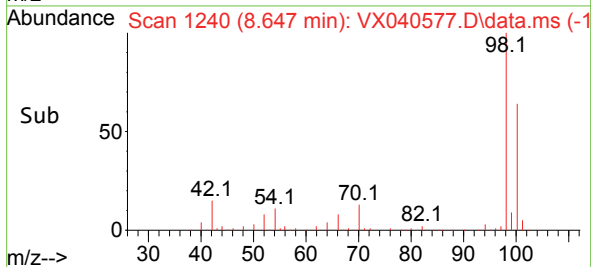
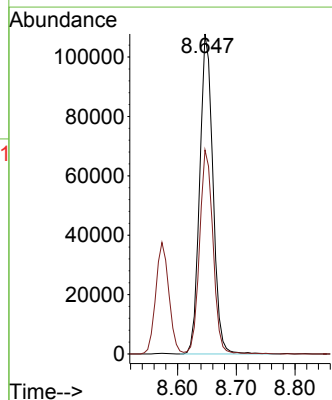
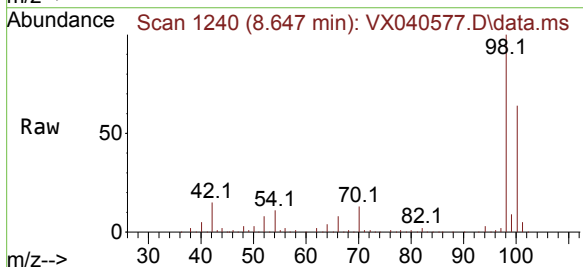
Acq: 04 Mar 2024 18:24

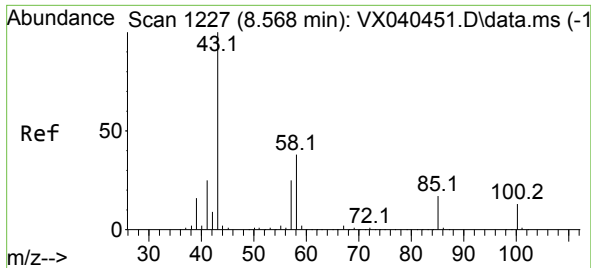
Tgt Ion: 98 Resp: 168288

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7

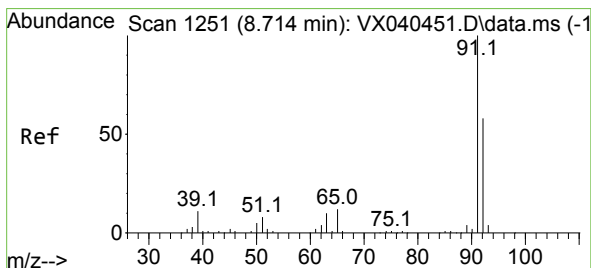
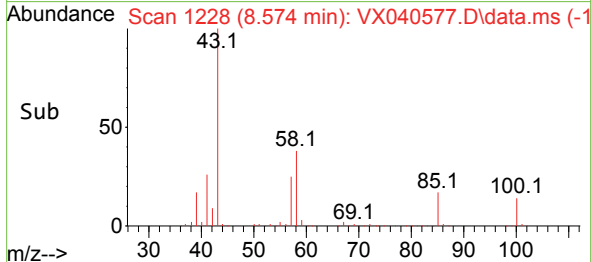
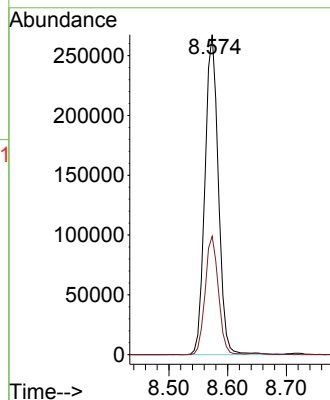
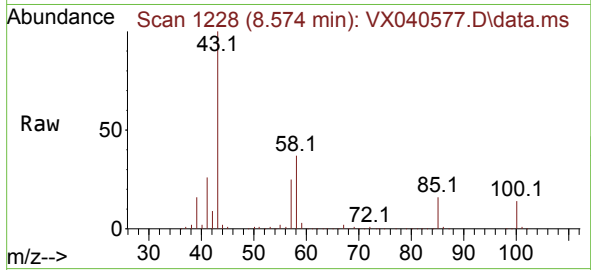




#51
4-Methyl-2-Pentanone
Concen: 256.817 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

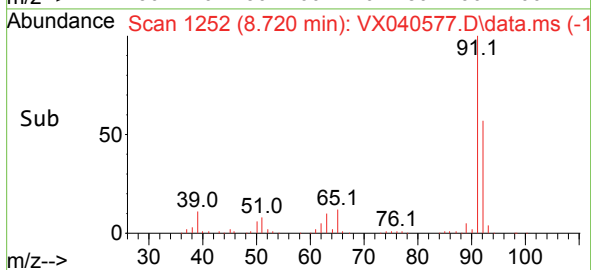
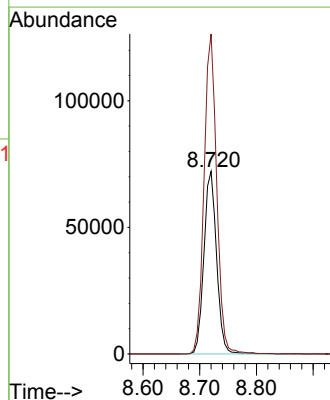
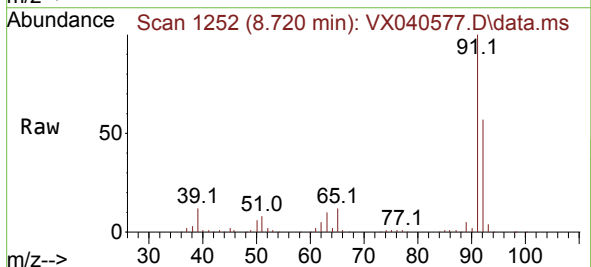
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

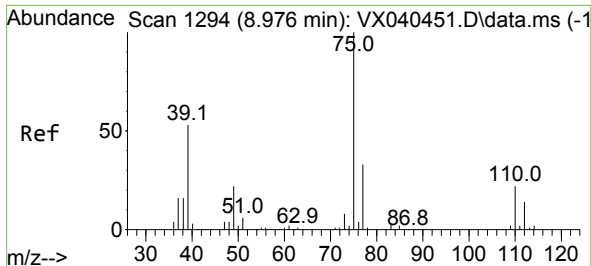
Tgt Ion: 43 Resp: 424433
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6



#52
Toluene
Concen: 46.299 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 92 Resp: 111979
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.560 ug/l

RT: 8.976 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

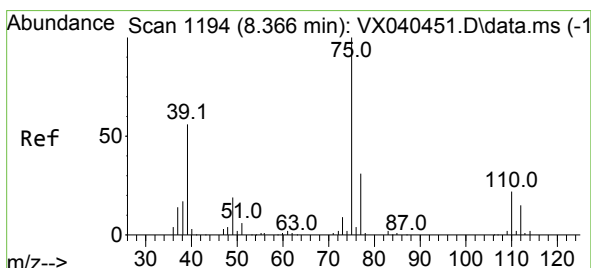
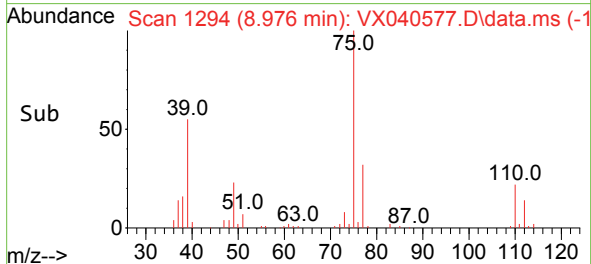
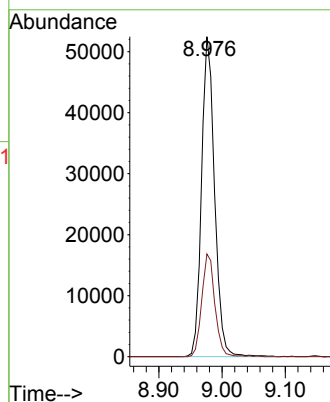
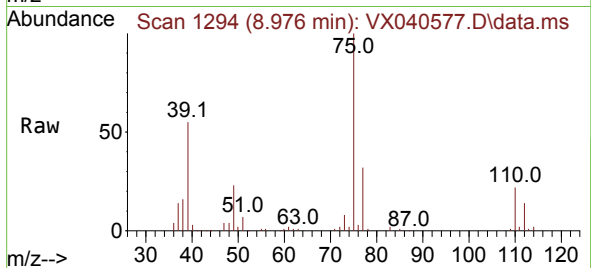
VSTDCCC050EC

Tgt Ion: 75 Resp: 75240

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 46.063 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

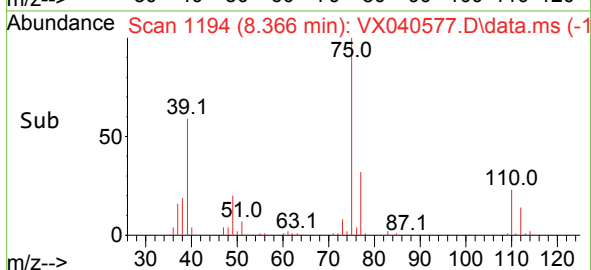
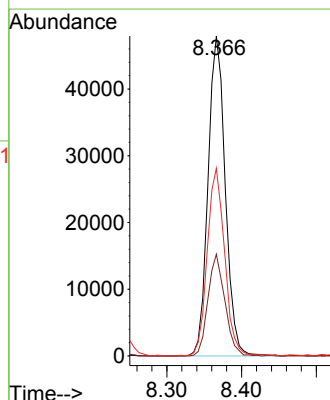
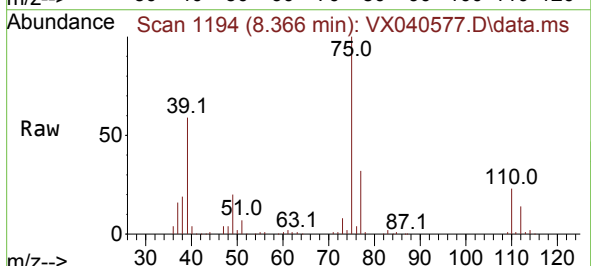
Tgt Ion: 75 Resp: 76716

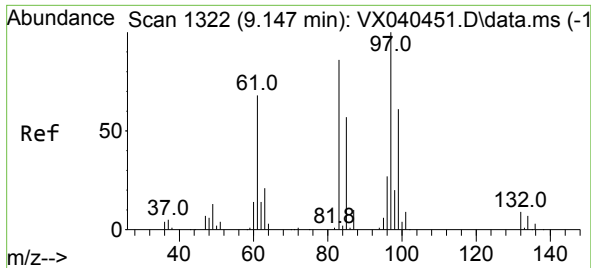
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 58.6 46.7 70.1

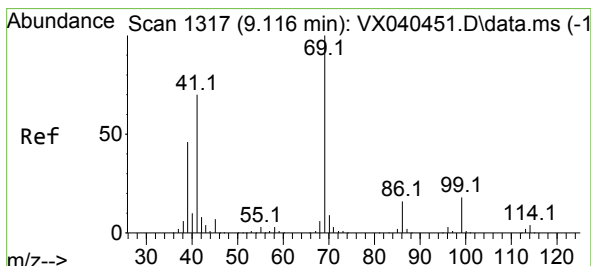
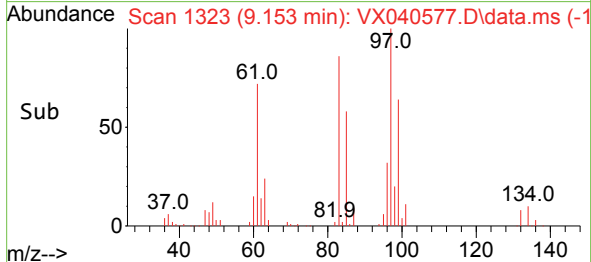
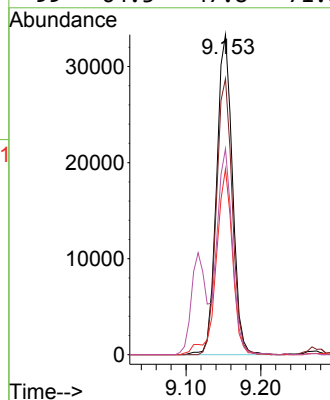
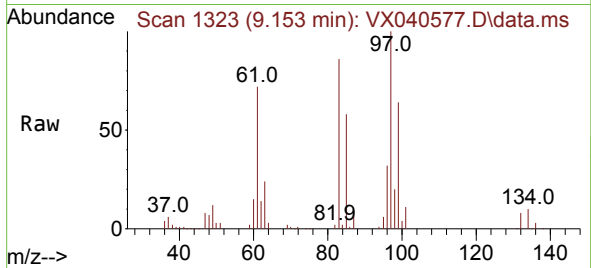




#55
1,1,2-Trichloroethane
Concen: 49.127 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

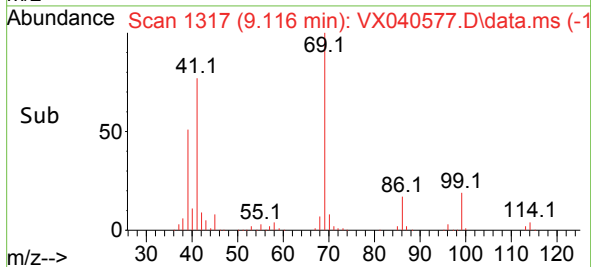
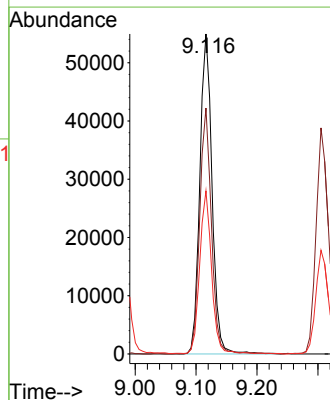
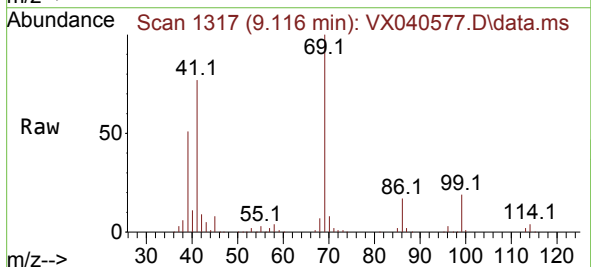
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

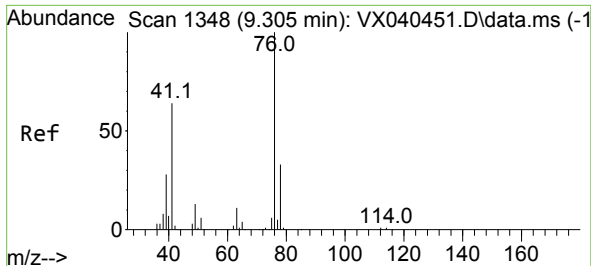
Tgt Ion: 97	Resp: 49309
Ion Ratio	Lower Upper
97 100	
83 86.3	65.8 98.8
85 58.0	41.6 62.4
99 64.3	47.8 71.8



#56
Ethyl methacrylate
Concen: 49.240 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 69	Resp: 76415
Ion Ratio	Lower Upper
69 100	
41 74.2	56.8 85.2
39 49.4	32.0 48.0#





#57

1,3-Dichloropropane

Concen: 47.218 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

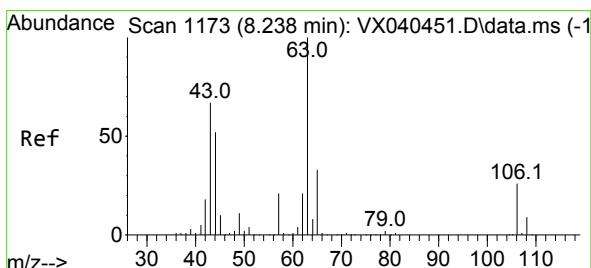
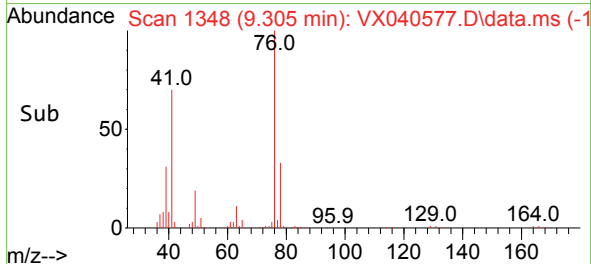
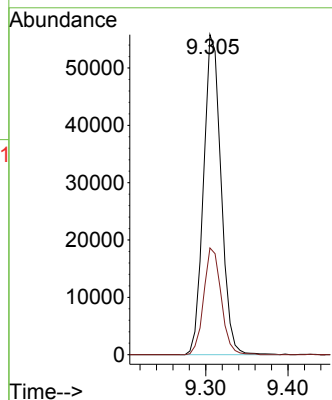
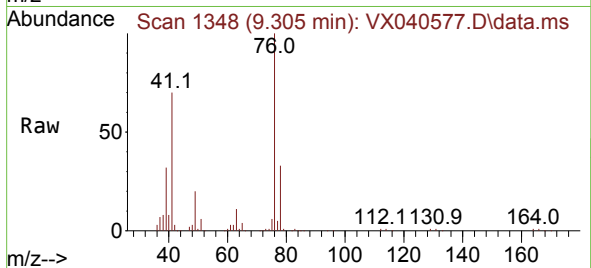
VSTDCCC050EC

Tgt Ion: 76 Resp: 82547

Ion Ratio Lower Upper

76 100

78 33.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 248.452 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040577.D

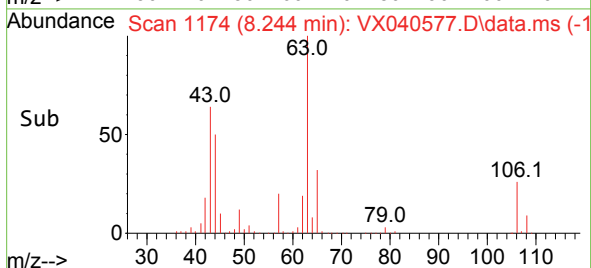
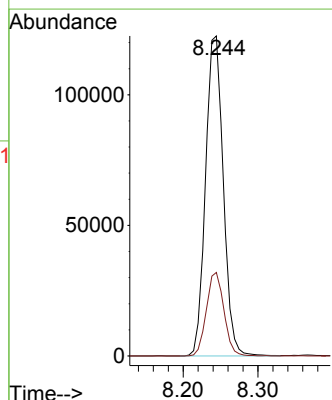
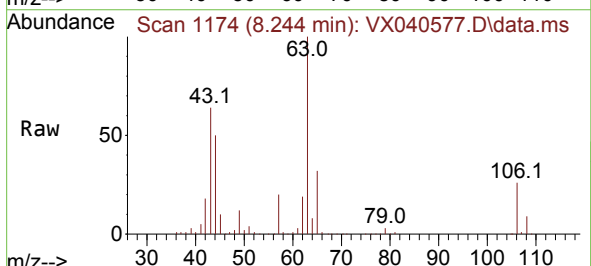
Acq: 04 Mar 2024 18:24

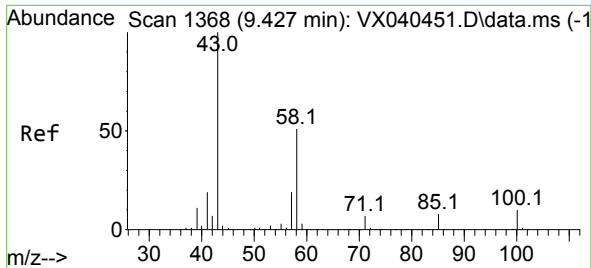
Tgt Ion: 63 Resp: 202163

Ion Ratio Lower Upper

63 100

106 25.8 22.5 33.7

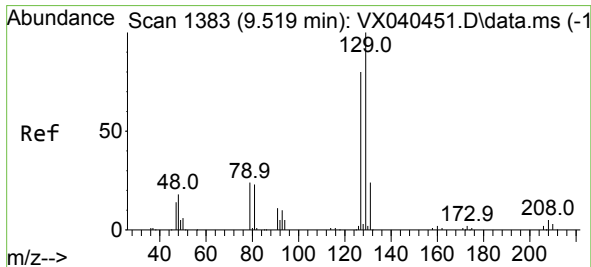
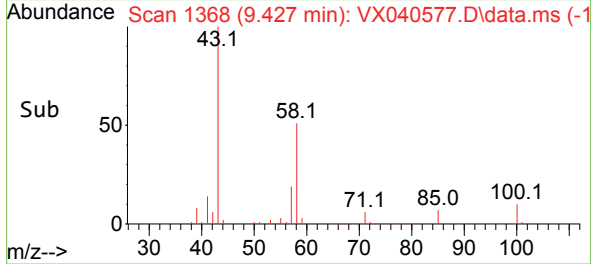
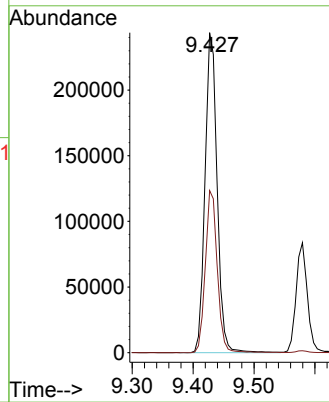
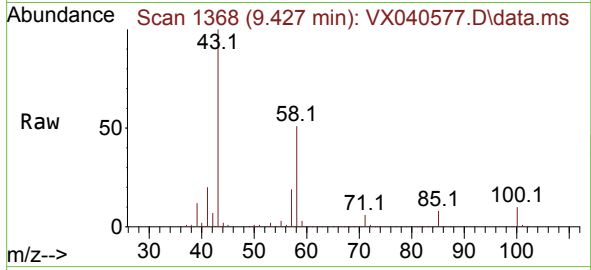




#59
2-Hexanone
Concen: 264.436 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

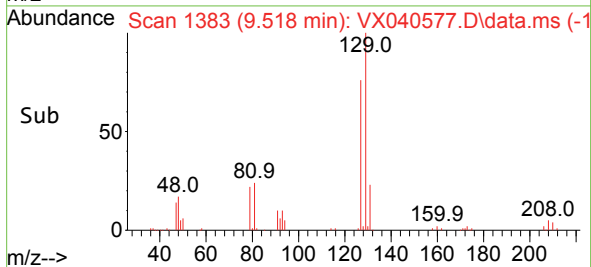
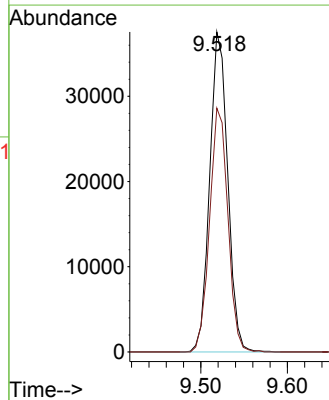
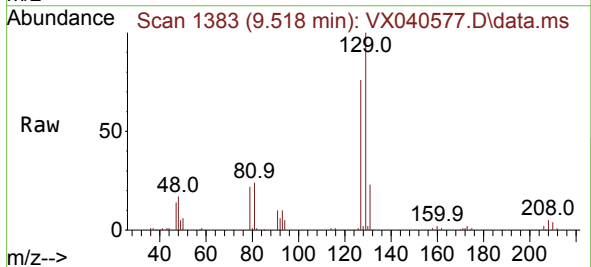
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

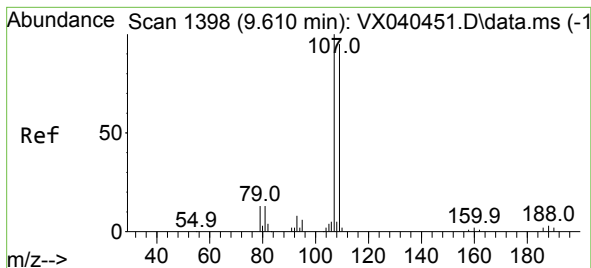
Tgt Ion: 43 Resp: 336003
Ion Ratio Lower Upper
43 100
58 50.2 26.2 78.5



#60
Dibromochloromethane
Concen: 49.716 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 129 Resp: 54200
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 47.819 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

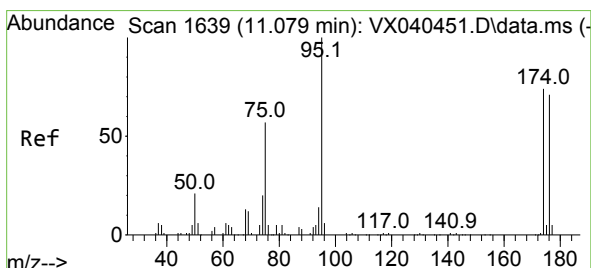
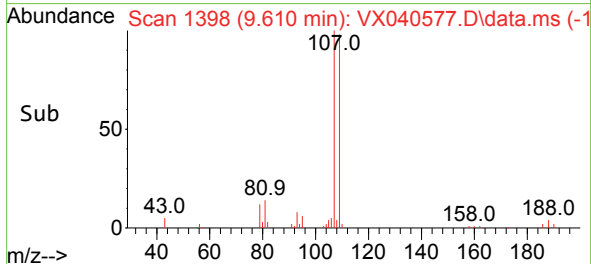
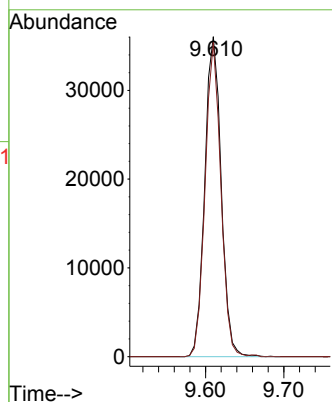
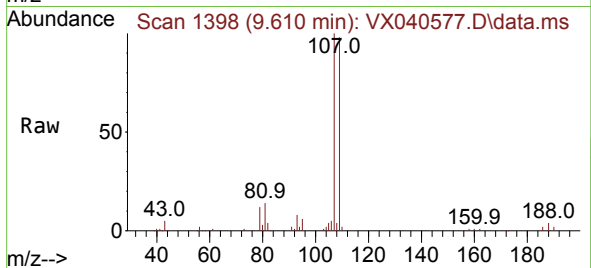
VSTDCCC050EC

Tgt Ion:107 Resp: 52374

Ion Ratio Lower Upper

107 100

109 94.1 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 54.785 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

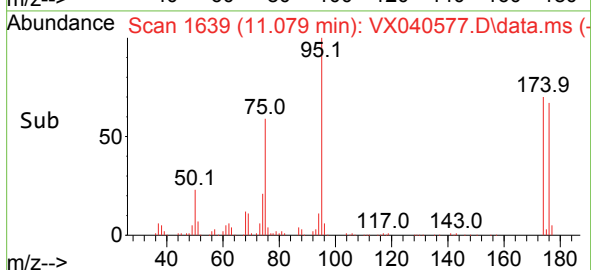
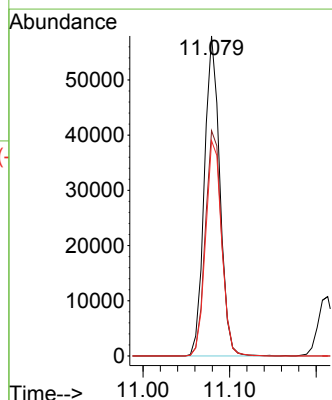
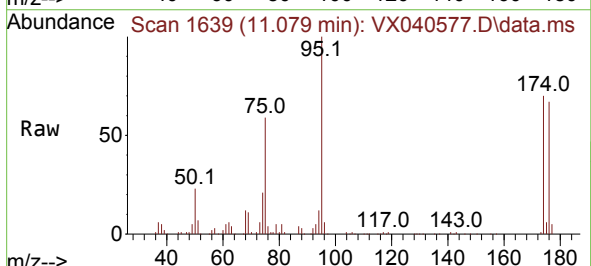
Tgt Ion: 95 Resp: 71618

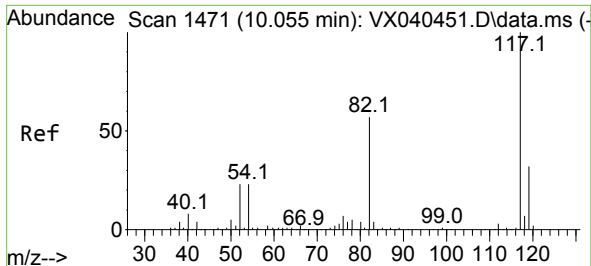
Ion Ratio Lower Upper

95 100

174 74.0 0.0 135.6

176 70.0 0.0 131.0

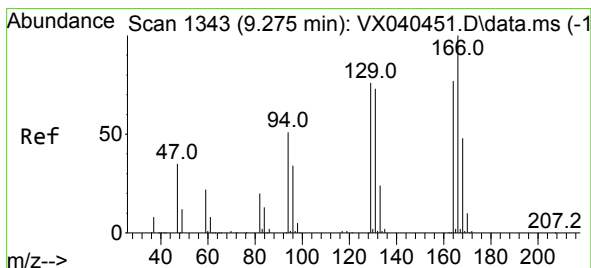
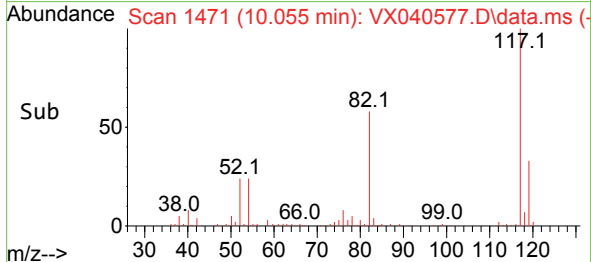
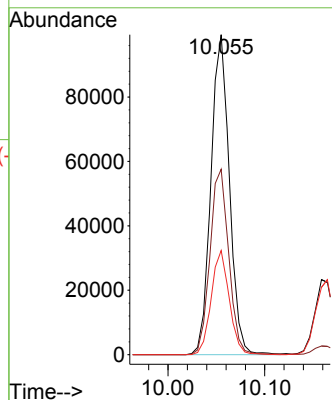
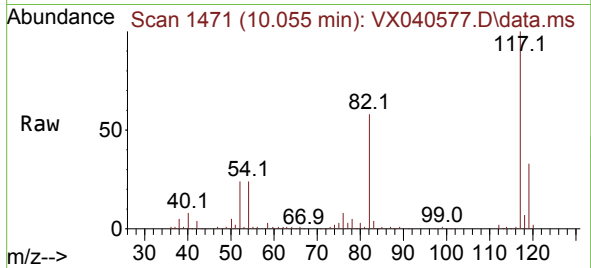




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

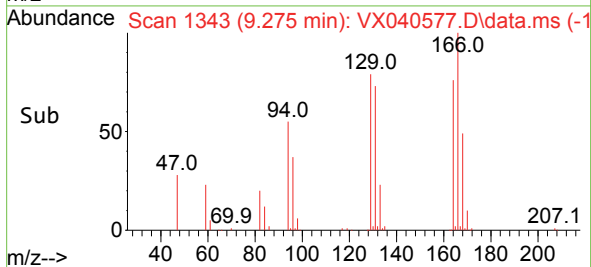
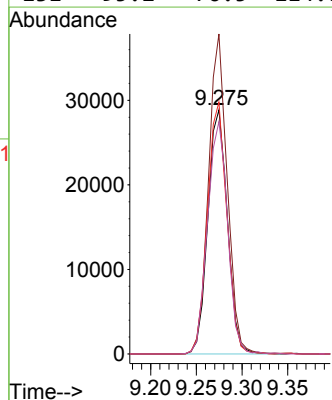
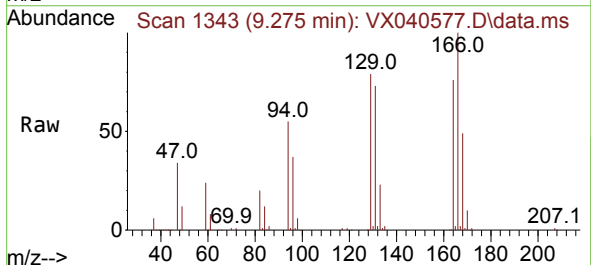
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

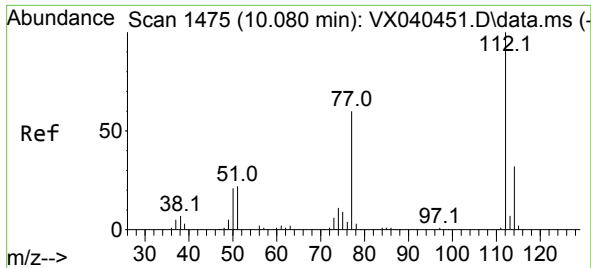
Tgt Ion:117 Resp: 131811
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 46.334 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion:164 Resp: 42877
Ion Ratio Lower Upper
164 100
166 131.2 102.7 154.1
129 103.3 80.4 120.6
131 95.2 76.5 114.7

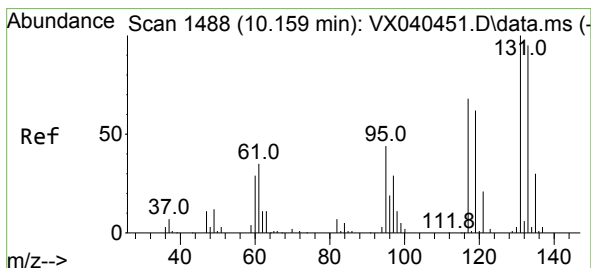
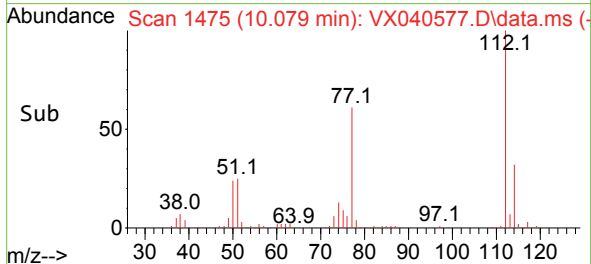
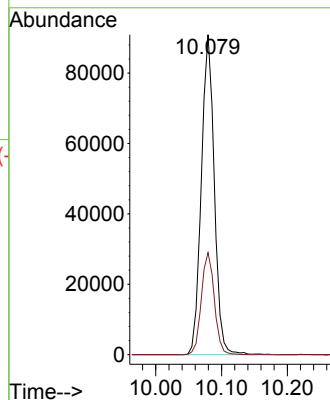
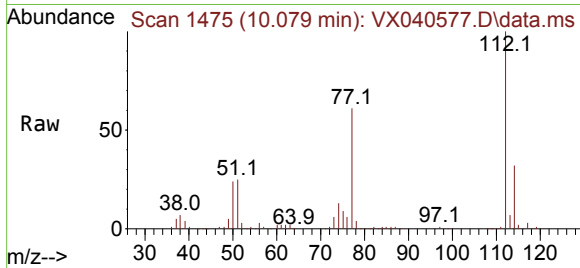




#65
Chlorobenzene
Concen: 44.500 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

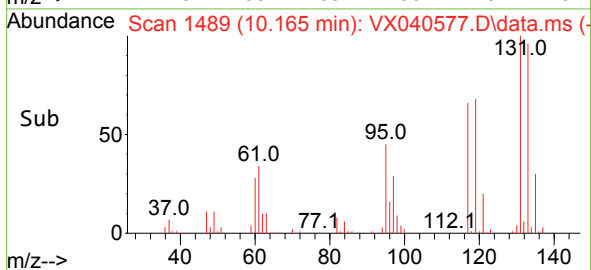
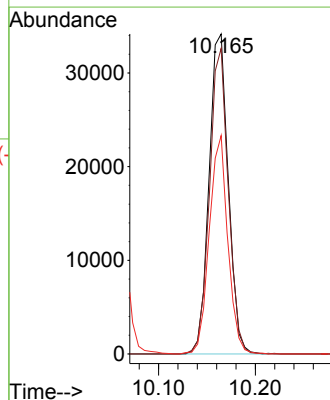
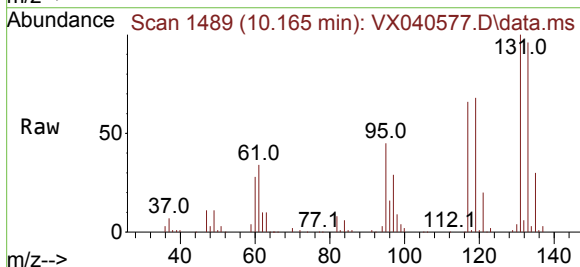
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

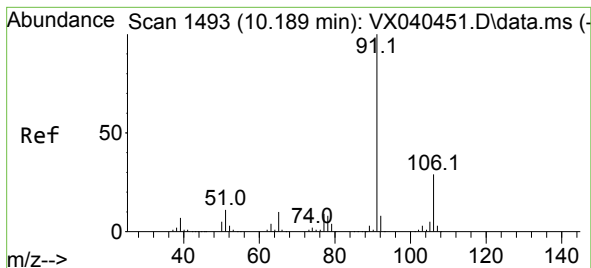
Tgt Ion:112 Resp: 124762
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 47.797 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion:131 Resp: 47226
Ion Ratio Lower Upper
131 100
133 93.6 47.1 141.4
119 65.9 32.2 96.6





#67

Ethyl Benzene

Concen: 45.201 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

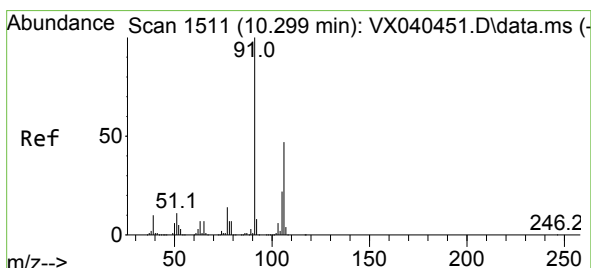
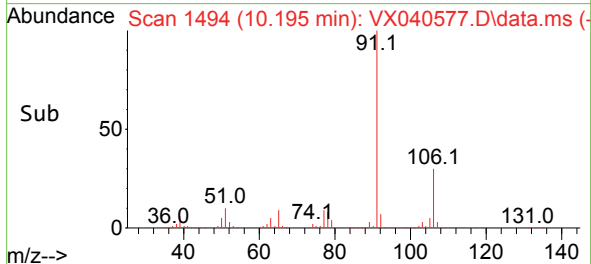
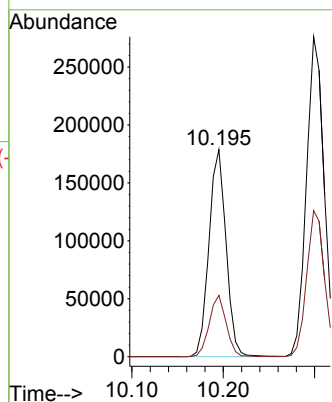
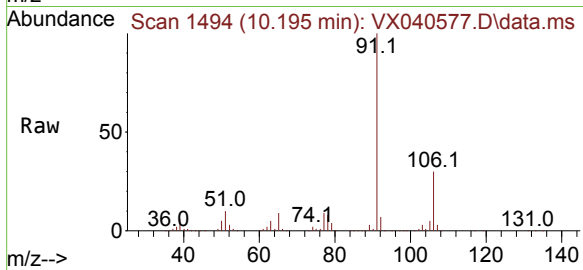
VSTDCCC050EC

Tgt Ion: 91 Resp: 231977

Ion Ratio Lower Upper

91 100

106 29.6 24.9 37.3



#68

m/p-Xylenes

Concen: 89.679 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX040577.D

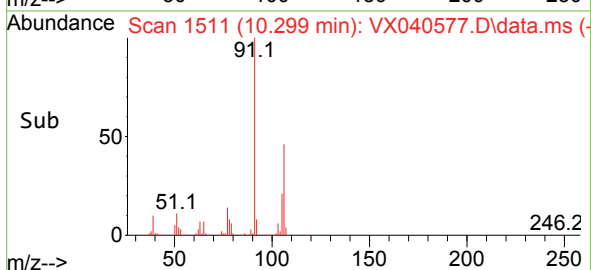
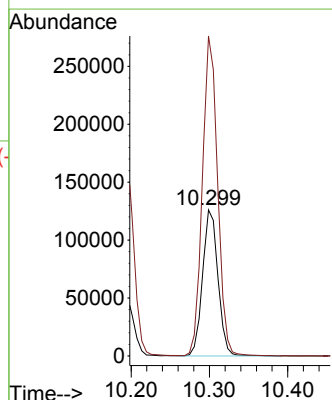
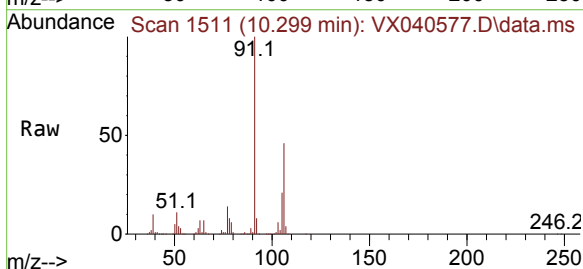
Acq: 04 Mar 2024 18:24

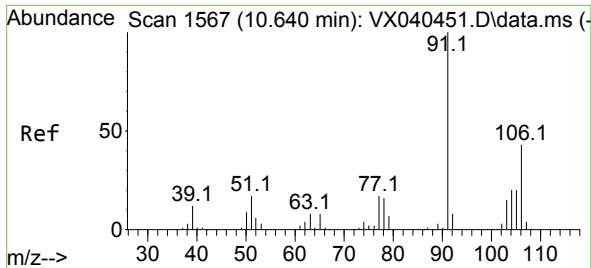
Tgt Ion: 106 Resp: 171866

Ion Ratio Lower Upper

106 100

91 217.2 165.5 248.3

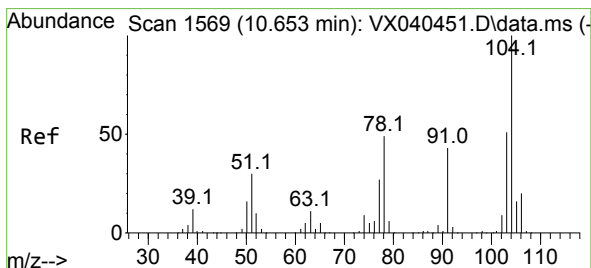
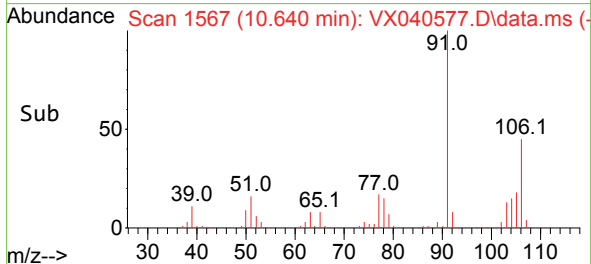
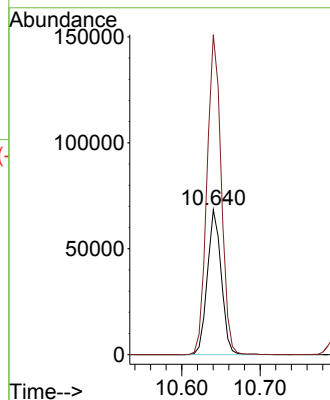
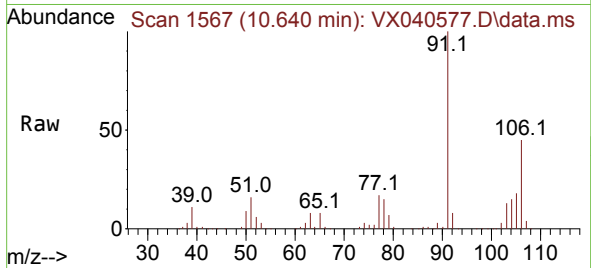




#69
o-Xylene
Concen: 45.975 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

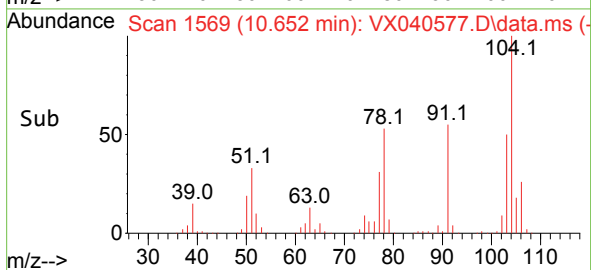
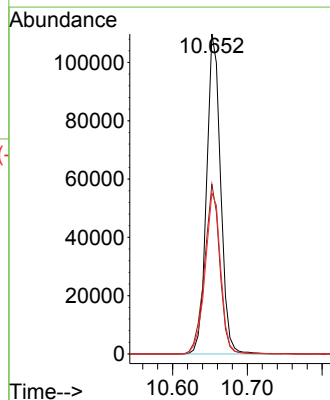
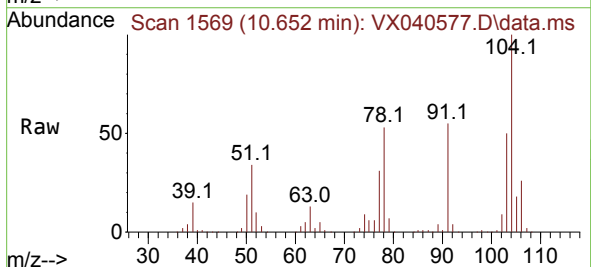
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

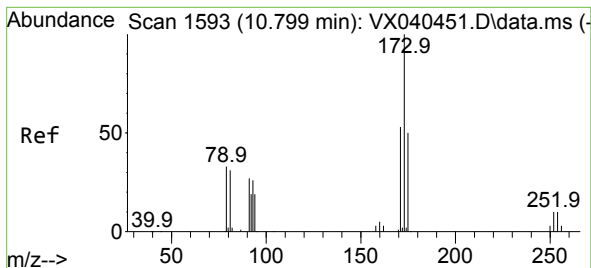
Tgt Ion:106 Resp: 84269
Ion Ratio Lower Upper
106 100
91 226.0 108.9 326.8



#70
Styrene
Concen: 46.884 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion:104 Resp: 143260
Ion Ratio Lower Upper
104 100
78 57.5 43.6 65.4
103 55.7 43.6 65.4





#71

Bromoform

Concen: 50.668 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

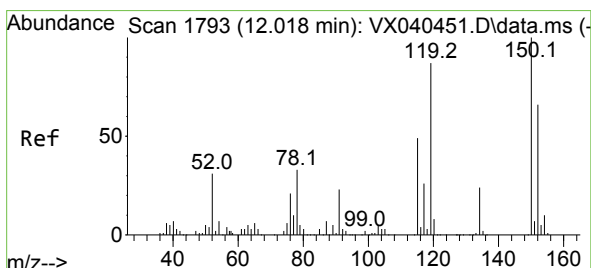
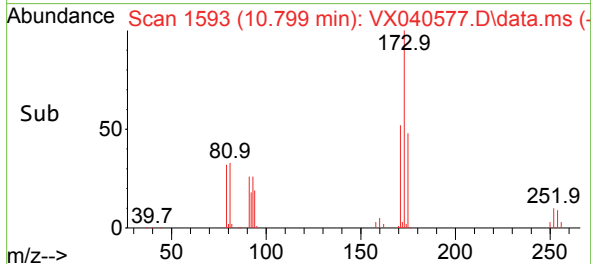
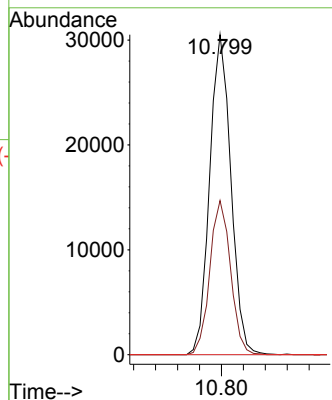
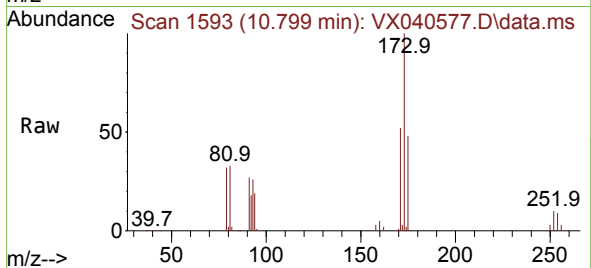
Tgt Ion:173 Resp: 40980

Ion Ratio Lower Upper

173 100

175 47.2 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: VX040577.D

Acq: 04 Mar 2024 18:24

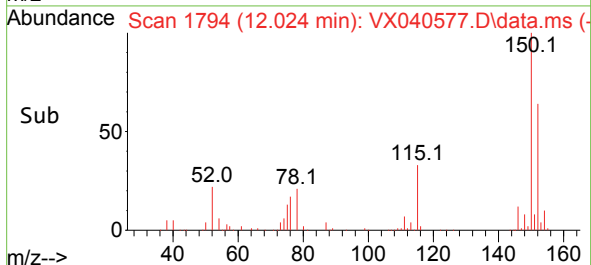
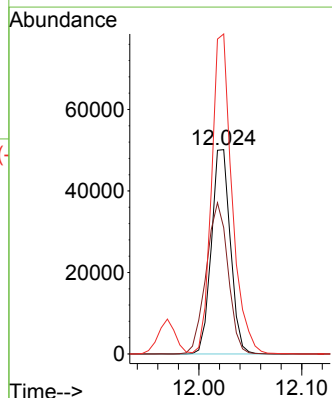
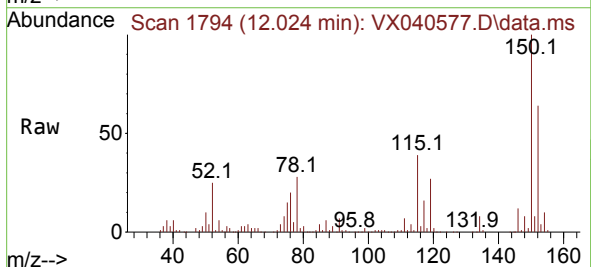
Tgt Ion:152 Resp: 64358

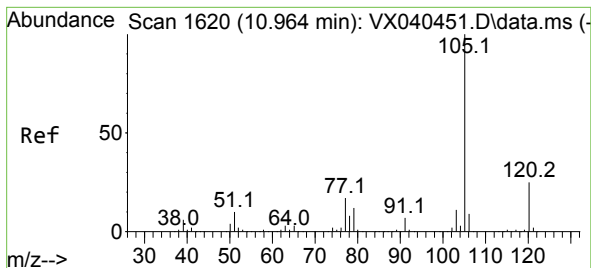
Ion Ratio Lower Upper

152 100

115 85.5 43.3 129.9

150 169.0 0.0 345.0





#73

Isopropylbenzene

Concen: 48.559 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

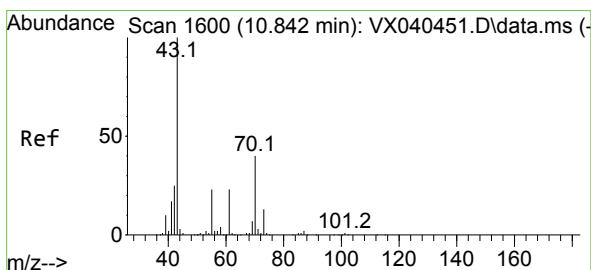
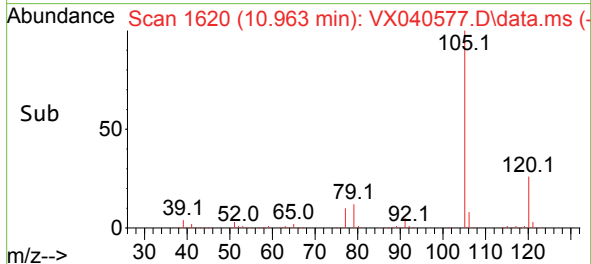
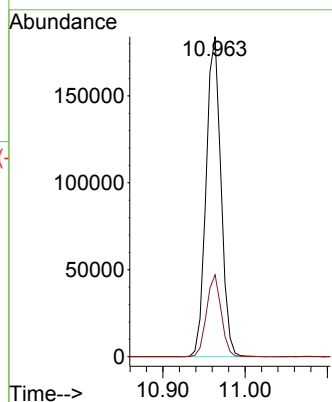
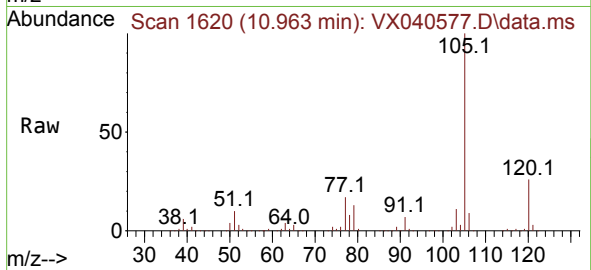
VSTDCCC050EC

Tgt Ion:105 Resp: 230157

Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.6



#74

N-ethyl acetate

Concen: 50.729 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Tgt Ion: 43 Resp: 111669

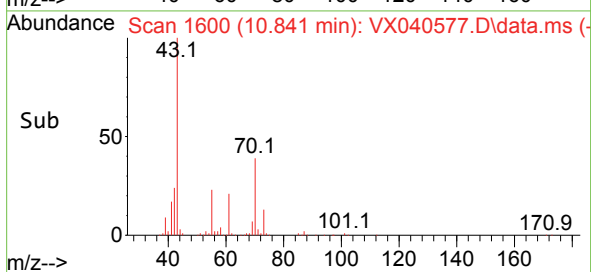
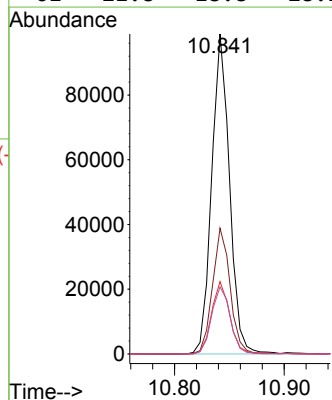
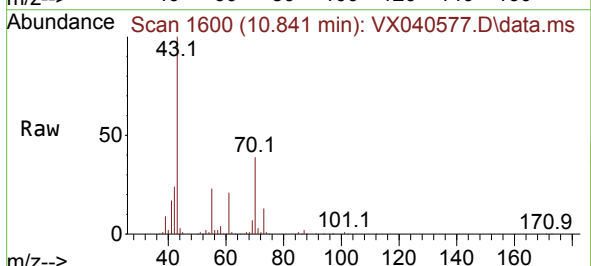
Ion Ratio Lower Upper

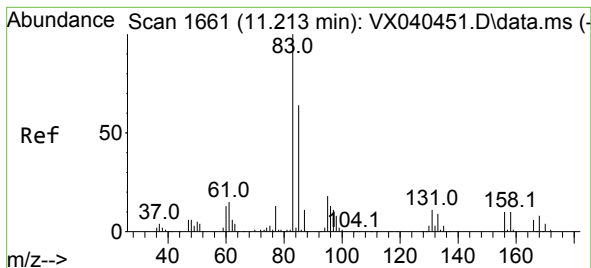
43 100

70 39.1 32.9 49.3

55 23.2 19.3 28.9

61 21.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 44.581 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

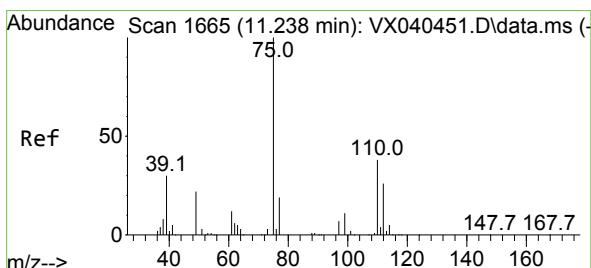
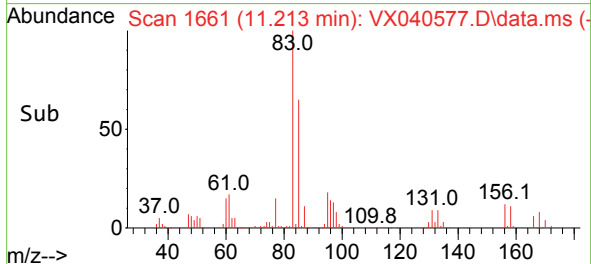
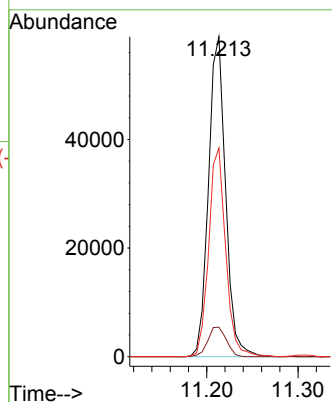
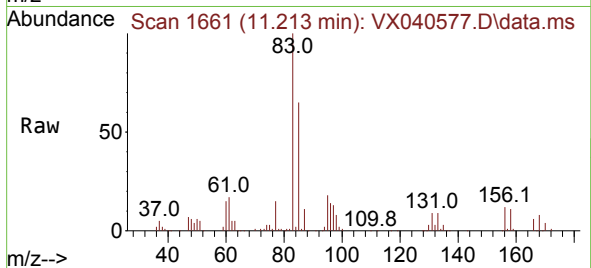
Tgt Ion: 83 Resp: 76415

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 64.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 60.439 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX040577.D

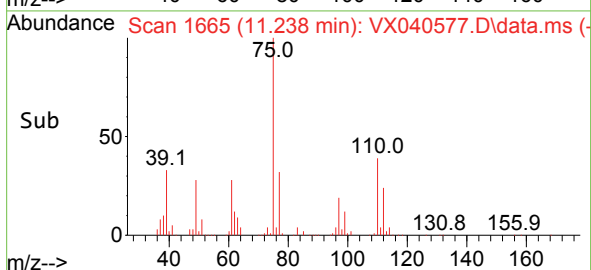
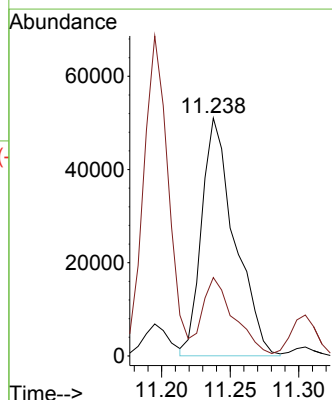
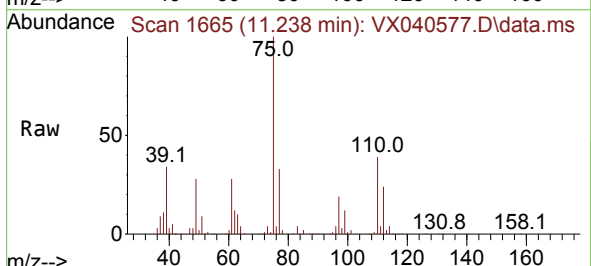
Acq: 04 Mar 2024 18:24

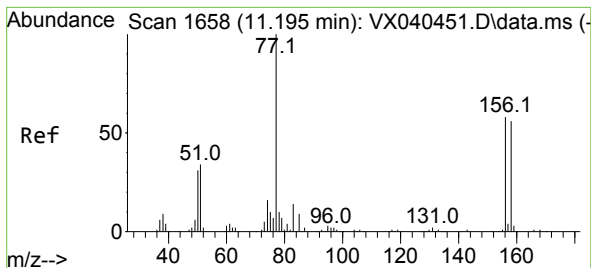
Tgt Ion: 75 Resp: 85606

Ion Ratio Lower Upper

75 100

77 31.8 19.1 57.5





#77

Bromobenzene

Concen: 44.931 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

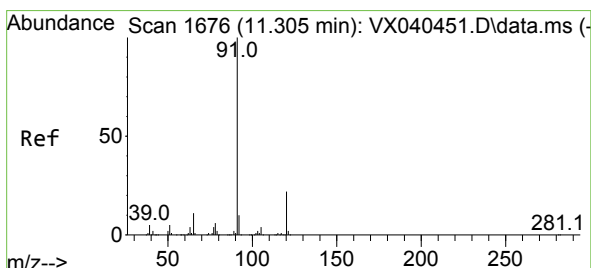
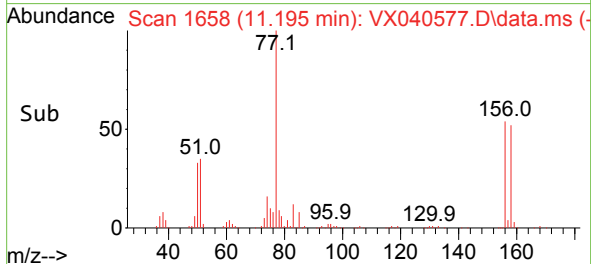
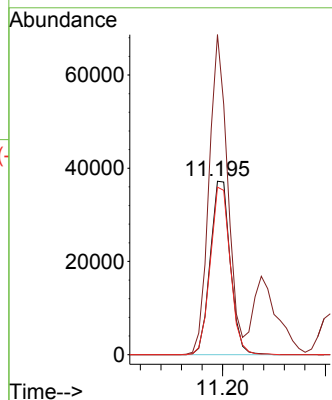
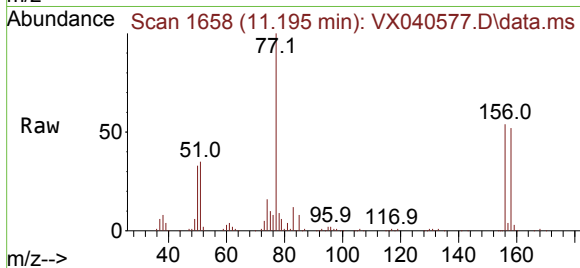
Tgt Ion:156 Resp: 50355

Ion Ratio Lower Upper

156 100

77 171.2 88.4 265.3

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 44.114 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX040577.D

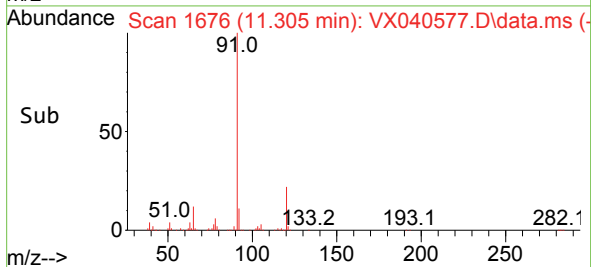
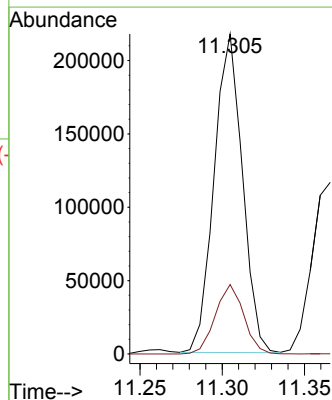
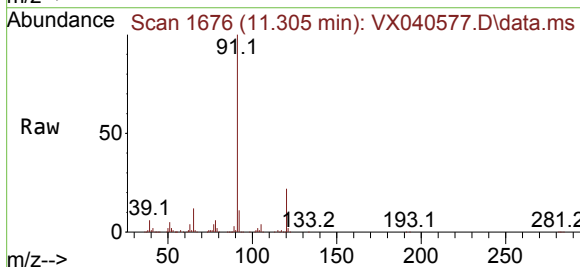
Acq: 04 Mar 2024 18:24

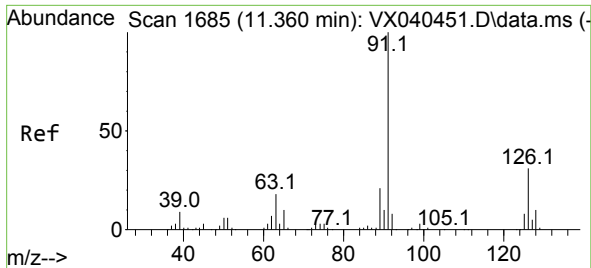
Tgt Ion: 91 Resp: 259348

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4

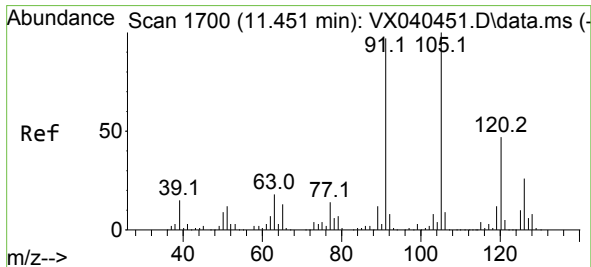
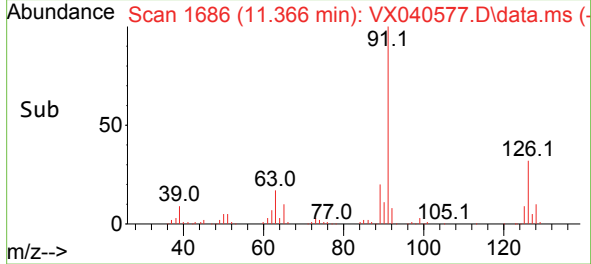
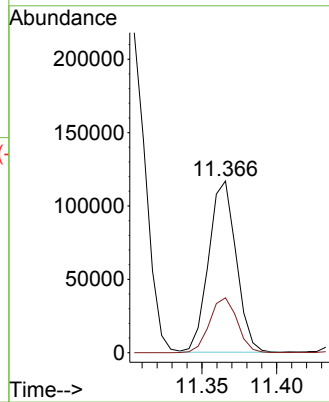
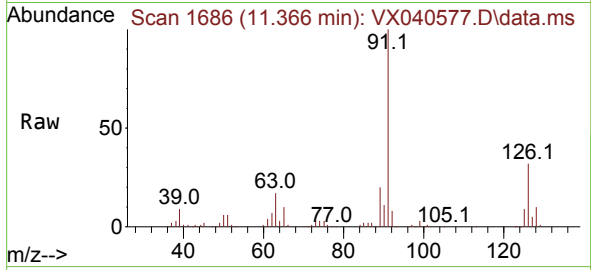




#79
2-Chlorotoluene
Concen: 42.184 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

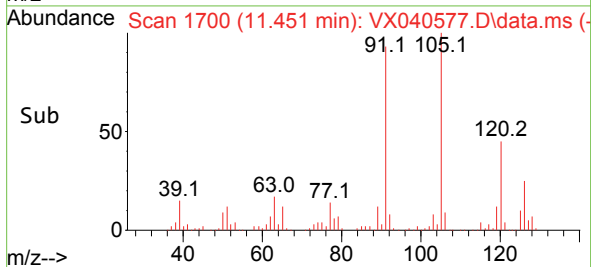
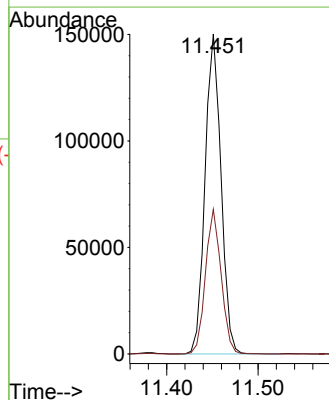
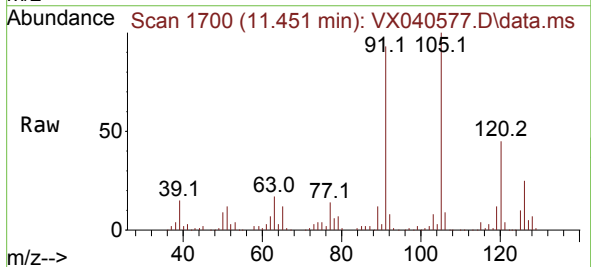
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

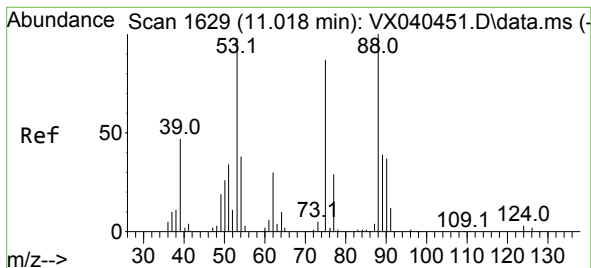
Tgt Ion: 91 Resp: 149294
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 45.012 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 105 Resp: 181438
Ion Ratio Lower Upper
105 100
120 44.4 24.1 72.3

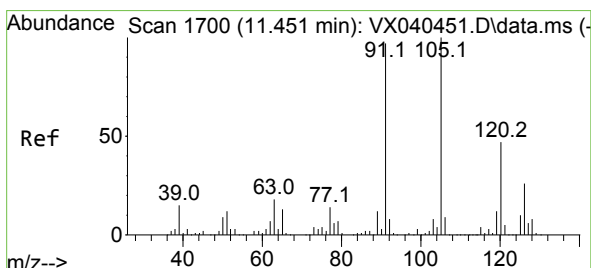
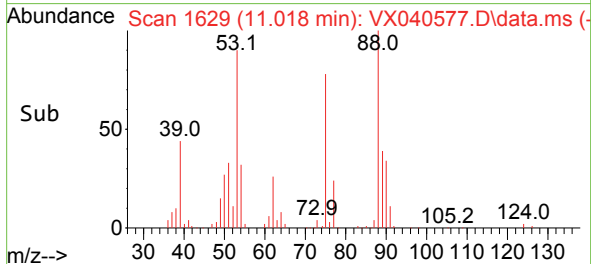
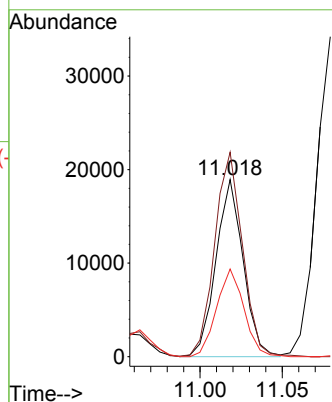
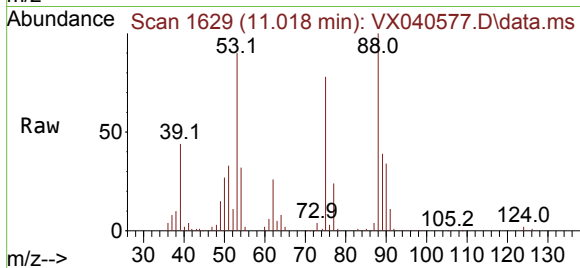




#81
trans-1,4-Dichloro-2-butene
Concen: 46.726 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

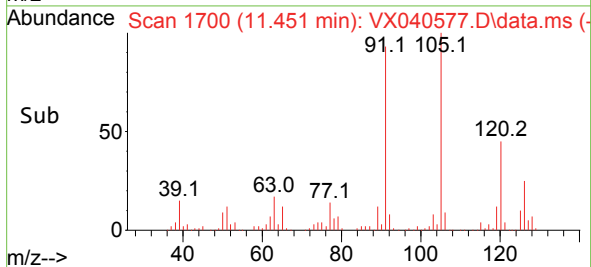
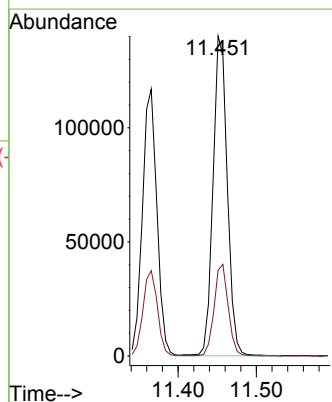
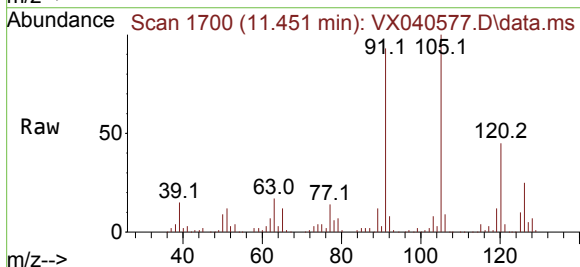
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

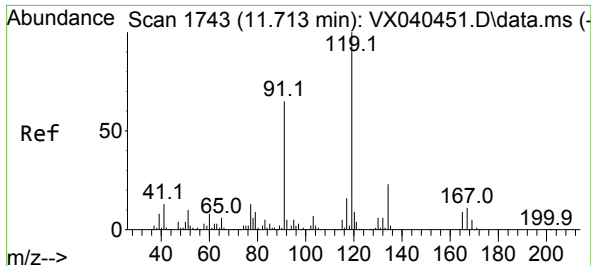
Tgt Ion:	75	Resp:	21801
Ion	Ratio	Lower	Upper
75	100		
53	117.9	90.5	135.7
89	49.8	36.9	55.3



#82
4-Chlorotoluene
Concen: 43.181 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion:	91	Resp:	176724
Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6

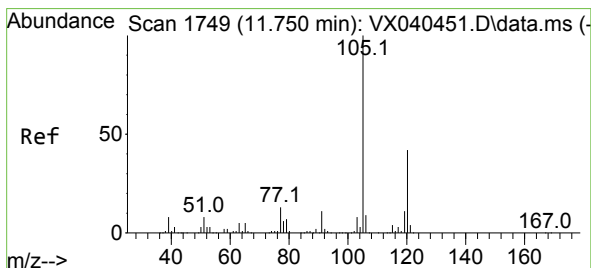
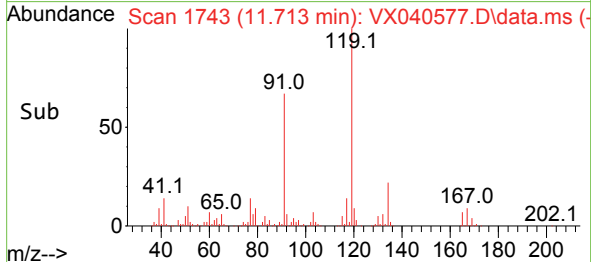
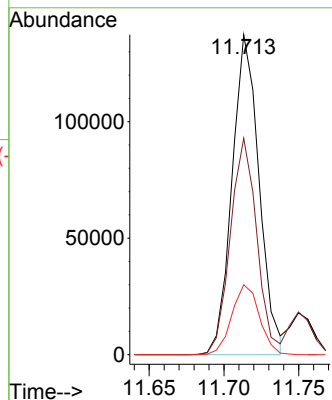
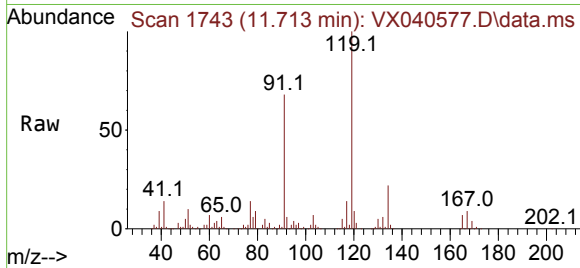




#83
tert-Butylbenzene
Concen: 45.430 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

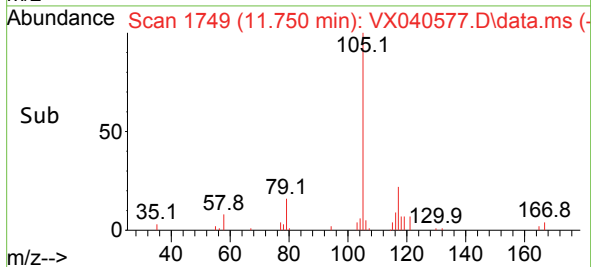
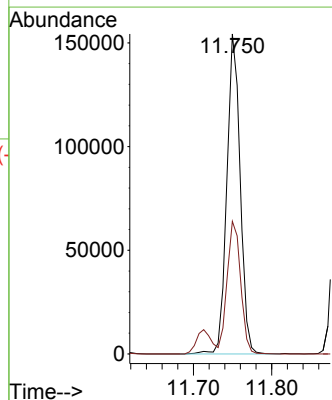
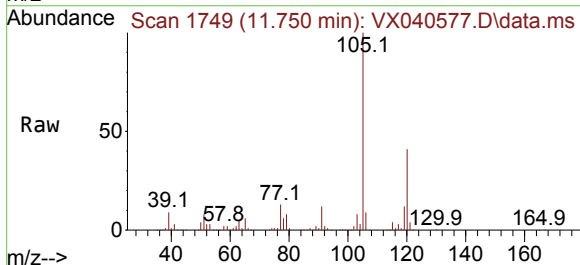
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

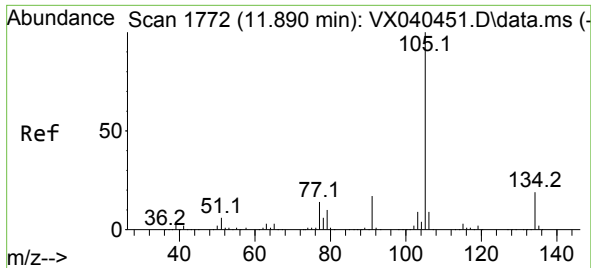
Tgt Ion:119 Resp: 172645
Ion Ratio Lower Upper
119 100
91 66.4 31.2 93.6
134 22.3 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 45.816 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion:105 Resp: 183234
Ion Ratio Lower Upper
105 100
120 42.0 21.2 63.6

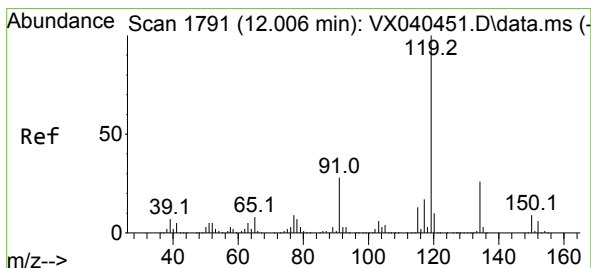
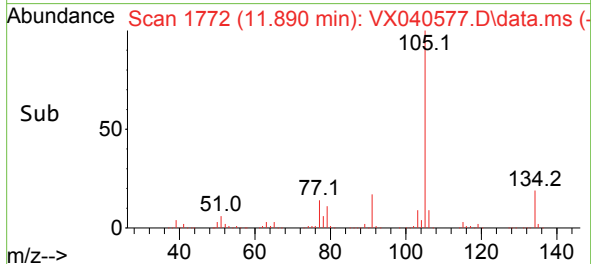
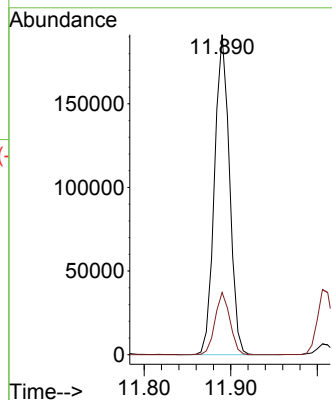
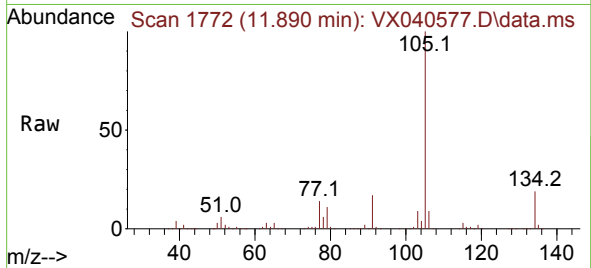




#85
sec-Butylbenzene
Concen: 46.082 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

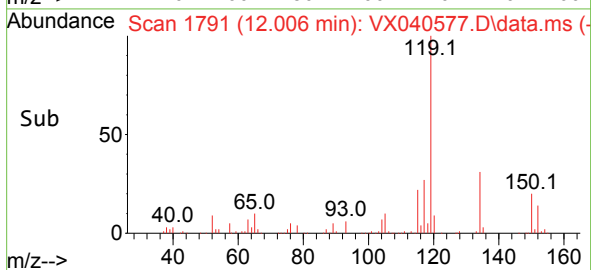
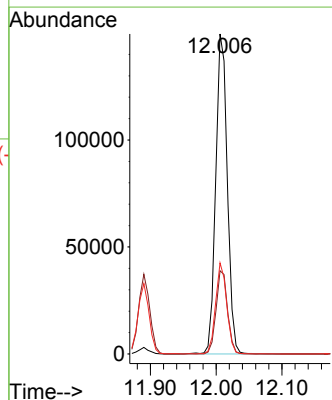
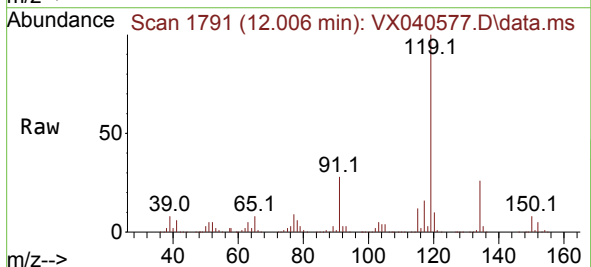
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

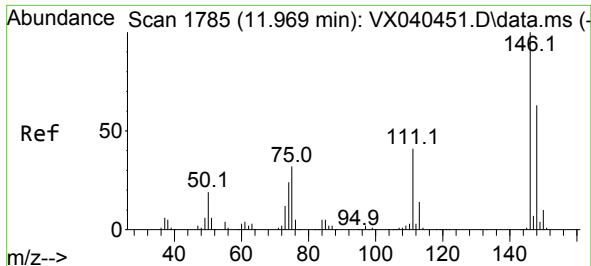
Tgt Ion:105 Resp: 230064
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.4



#86
p-Isopropyltoluene
Concen: 44.488 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion:119 Resp: 183077
Ion Ratio Lower Upper
119 100
134 25.8 12.8 38.3
91 27.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 44.117 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

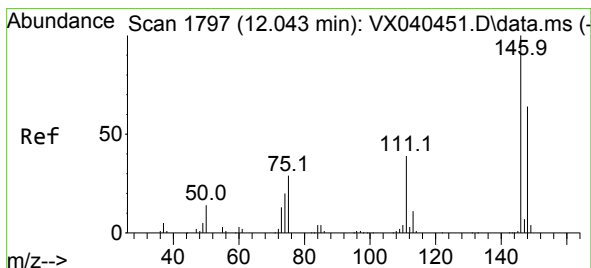
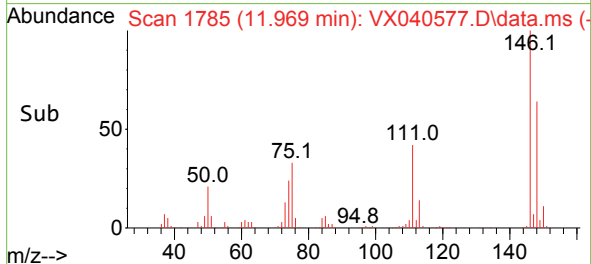
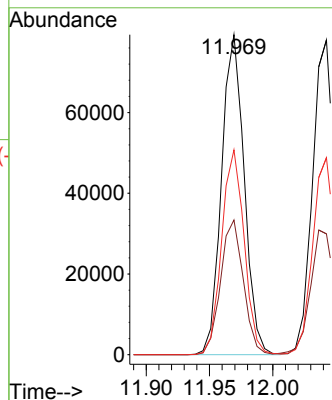
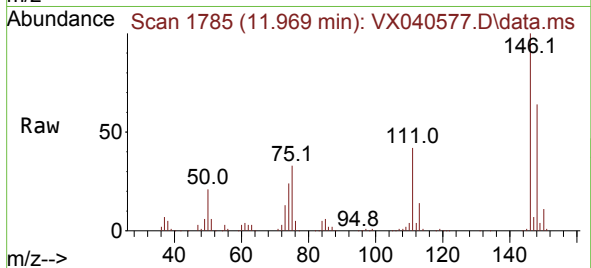
Tgt Ion:146 Resp: 98552

Ion Ratio Lower Upper

146 100

111 42.3 22.1 66.1

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 43.078 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

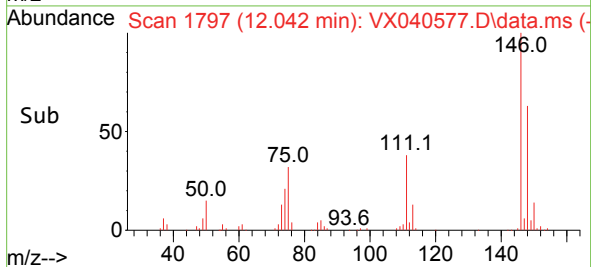
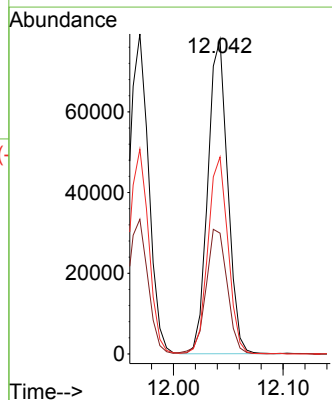
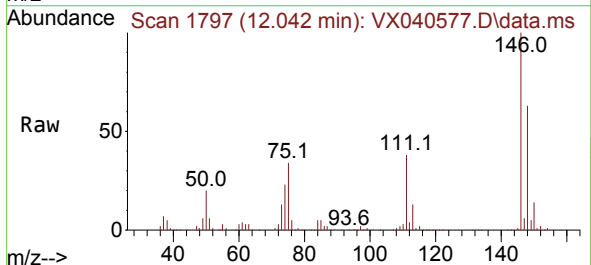
Tgt Ion:146 Resp: 97961

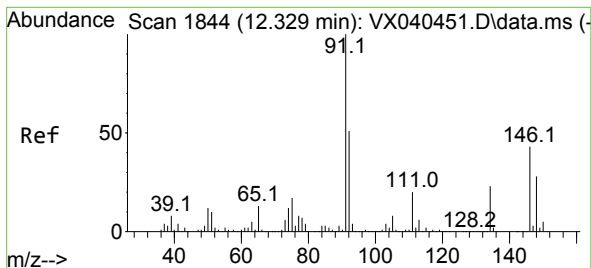
Ion Ratio Lower Upper

146 100

111 42.0 21.3 63.7

148 63.4 31.8 95.4

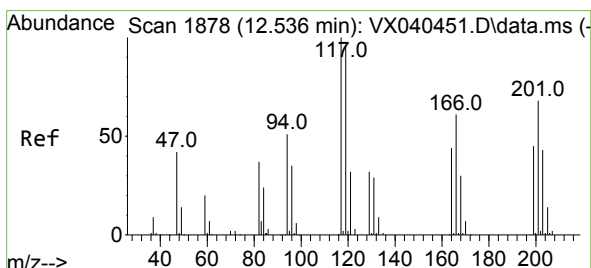
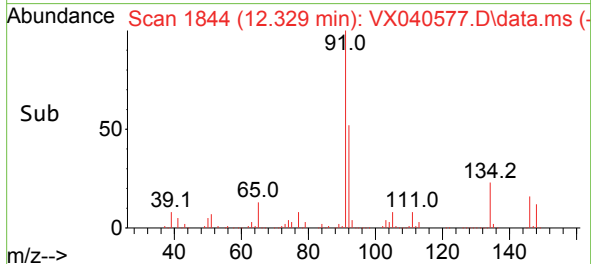
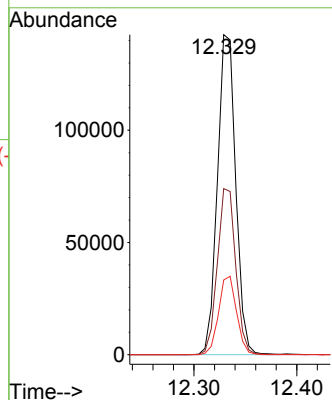
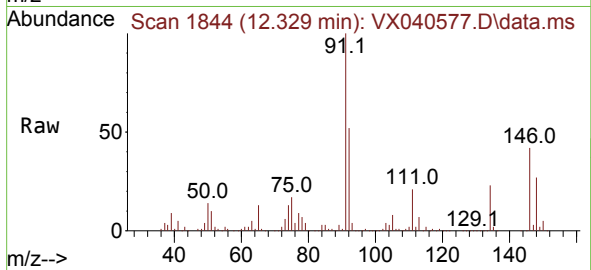




#89
n-Butylbenzene
Concen: 43.442 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

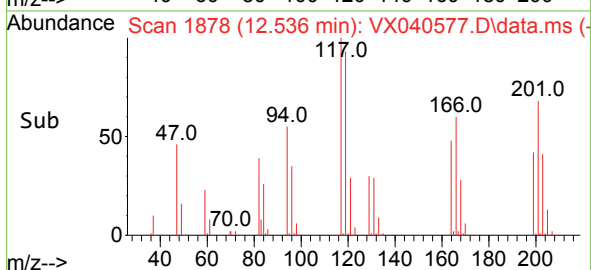
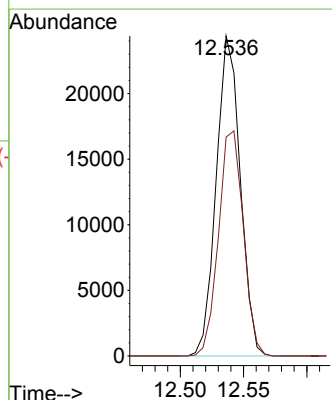
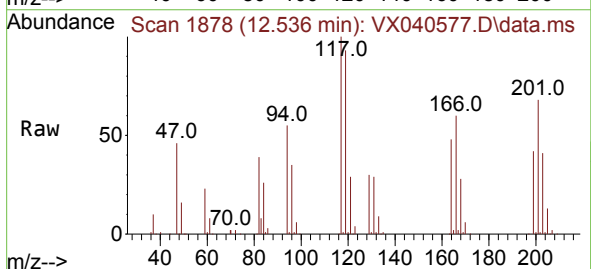
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

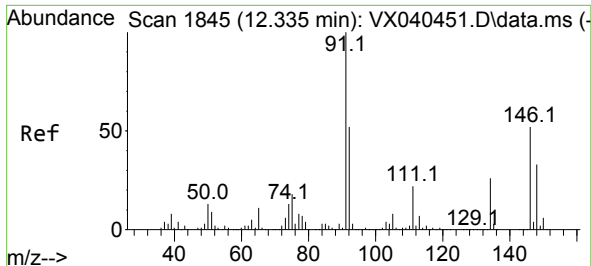
Tgt Ion: 91 Resp: 175884
Ion Ratio Lower Upper
91 100
92 52.3 27.4 82.0
134 24.0 12.6 37.8



#90
Hexachloroethane
Concen: 47.027 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 117 Resp: 32209
Ion Ratio Lower Upper
117 100
201 72.6 32.9 98.6

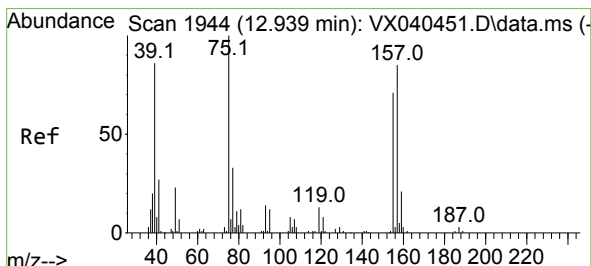
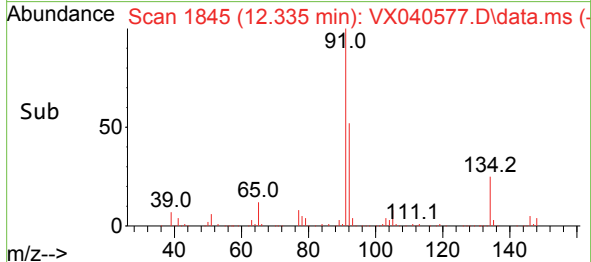
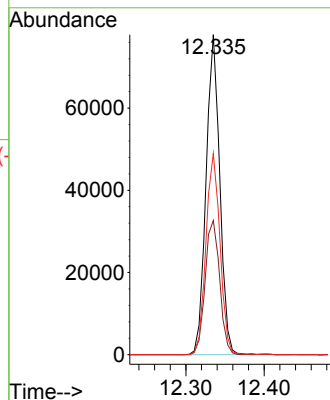
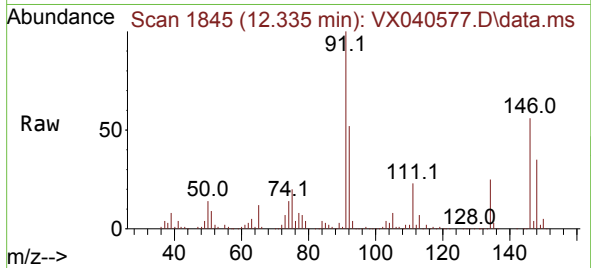




#91
1,2-Dichlorobenzene
Concen: 44.389 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

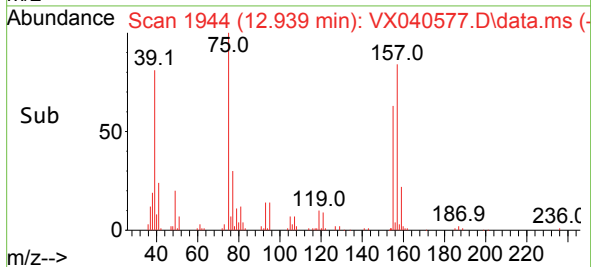
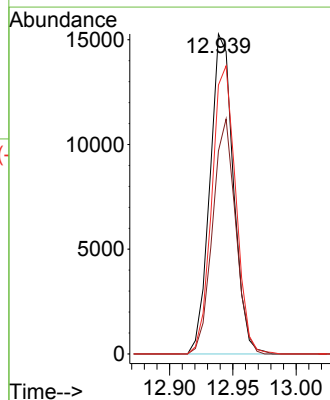
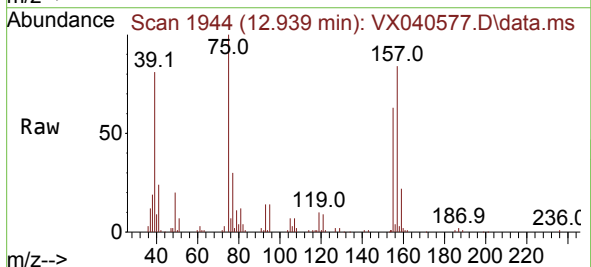
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

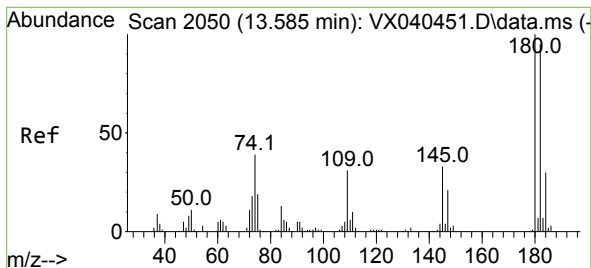
Tgt Ion:146 Resp: 94494
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 64.5 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.346 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040577.D
Acq: 04 Mar 2024 18:24

Tgt Ion: 75 Resp: 19719
Ion Ratio Lower Upper
75 100
155 71.9 36.1 108.5
157 91.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 44.664 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

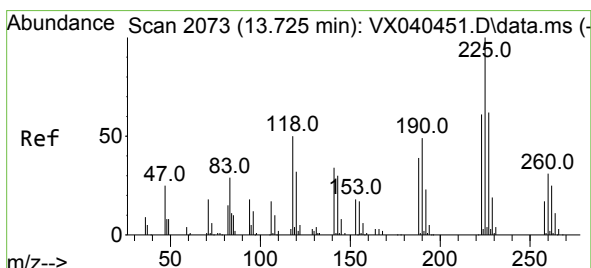
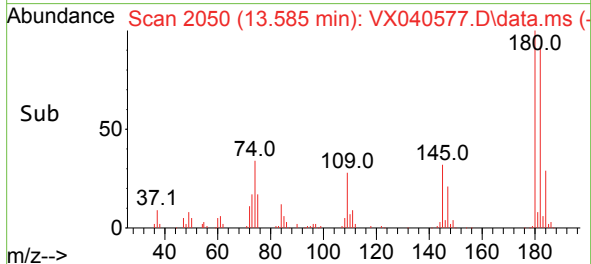
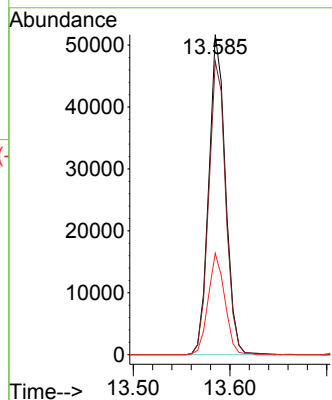
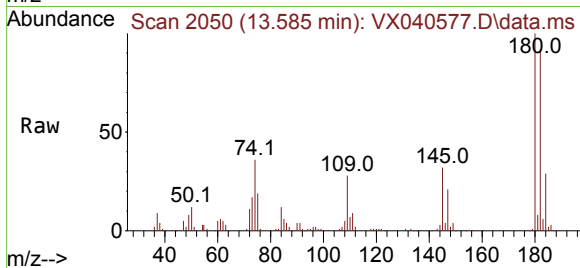
Tgt Ion:180 Resp: 62051

Ion Ratio Lower Upper

180 100

182 93.6 48.3 144.8

145 31.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 44.254 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

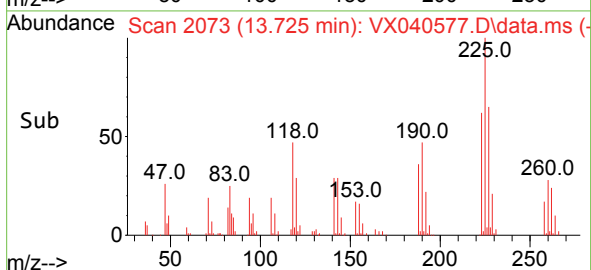
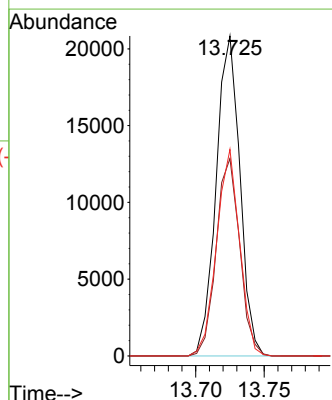
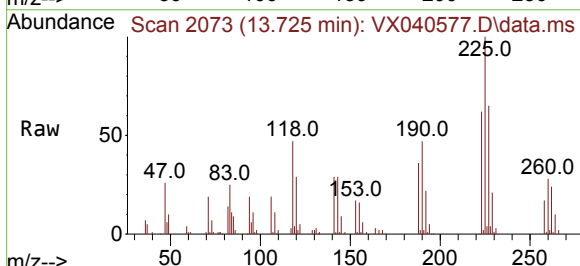
Tgt Ion:225 Resp: 25127

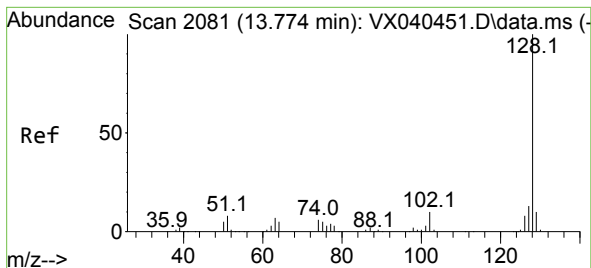
Ion Ratio Lower Upper

225 100

223 61.0 31.1 93.2

227 62.6 32.5 97.5





#95

Naphthalene

Concen: 45.932 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

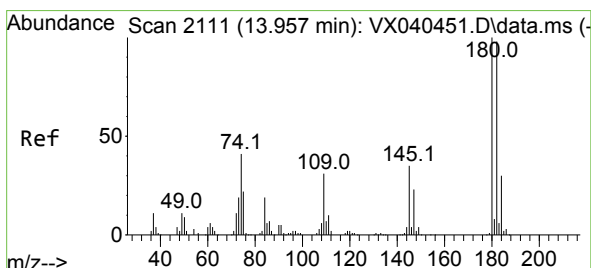
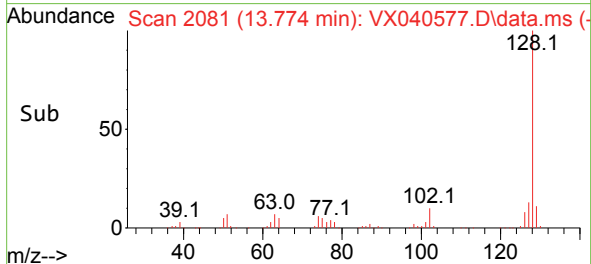
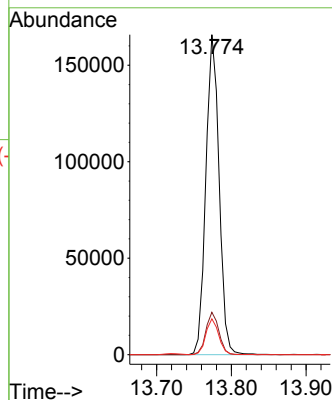
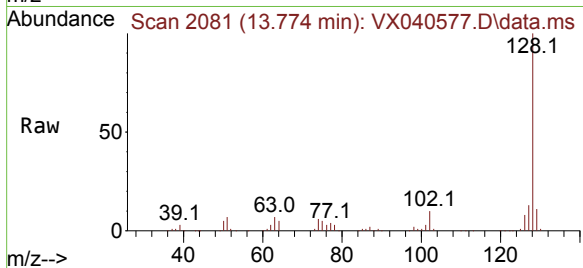
Tgt Ion:128 Resp: 203919

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 45.861 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040577.D

Acq: 04 Mar 2024 18:24

Tgt Ion:180 Resp: 60565

Ion Ratio Lower Upper

180 100

182 97.1 46.9 140.6

145 34.2 17.8 53.5

