

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039894.D
 Acq On : 22 Jan 2024 19:09
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jan 23 00:21:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	75340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134411	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63340	50.188	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.380%	
35) Dibromofluoromethane	5.385	113	47516	52.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.980%	
50) Toluene-d8	8.647	98	173483	50.808	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	11.079	95	72343	54.181	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44779	45.938	ug/l	98
3) Chloromethane	1.294	50	49200	44.196	ug/l	99
4) Vinyl Chloride	1.374	62	50333	47.909	ug/l	99
5) Bromomethane	1.599	94	32227	53.761	ug/l	97
6) Chloroethane	1.679	64	32271	54.033	ug/l	98
7) Trichlorofluoromethane	1.886	101	83435	55.053	ug/l	97
8) Diethyl Ether	2.130	74	29697	53.024	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	50799	54.066	ug/l	97
10) Methyl Iodide	2.453	142	54249	54.730	ug/l	95
11) Tert butyl alcohol	2.959	59	90446	275.310	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	48460	53.442	ug/l	94
13) Acrolein	2.233	56	56473	281.396	ug/l	100
14) Allyl chloride	2.660	41	90625	50.779	ug/l	99
15) Acrylonitrile	3.062	53	180675	266.241	ug/l	98
16) Acetone	2.374	43	163113	229.811	ug/l	93
17) Carbon Disulfide	2.514	76	131630	50.505	ug/l	100
18) Methyl Acetate	2.697	43	84942	57.203	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	173199	53.802	ug/l	99
20) Methylene Chloride	2.788	84	55959	52.123	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	52162	54.663	ug/l	97
22) Diisopropyl ether	3.757	45	181434	53.271	ug/l	100
23) Vinyl Acetate	3.721	43	855734	270.296	ug/l	100
24) 1,1-Dichloroethane	3.605	63	101245	54.035	ug/l	99
25) 2-Butanone	4.550	43	263422	258.260	ug/l	99
26) 2,2-Dichloropropane	4.477	77	72050	47.912	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	60901	55.645	ug/l	96
28) Bromochloromethane	4.897	49	43871	51.654	ug/l	96
29) Tetrahydrofuran	5.001	42	174121	265.222	ug/l	99
30) Chloroform	5.093	83	106383	57.515	ug/l	100
31) Cyclohexane	5.471	56	84622	50.805	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	87523	55.271	ug/l	97
36) 1,1-Dichloropropene	5.690	75	74465	52.843	ug/l	100
37) Ethyl Acetate	4.708	43	98119	52.193	ug/l	99
38) Carbon Tetrachloride	5.678	117	73125	56.658	ug/l	99
39) Methylcyclohexane	7.379	83	86053	50.854	ug/l	99
40) Benzene	6.037	78	217032	54.391	ug/l	95

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 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 23 00:21:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51223	55.719	ug/l	94
42) 1,2-Dichloroethane	6.086	62	86904	57.286	ug/l	99
43) Isopropyl Acetate	6.336	43	152146	55.170	ug/l	98
44) Trichloroethene	7.123	130	54374	55.602	ug/l	97
45) 1,2-Dichloropropane	7.427	63	58011	54.195	ug/l	98
46) Dibromomethane	7.580	93	42174	57.043	ug/l	97
47) Bromodichloromethane	7.818	83	80710	58.943	ug/l	95
48) Methyl methacrylate	7.690	41	74149	54.701	ug/l	94
49) 1,4-Dioxane	7.653	88	27813	1060.383	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	526298	277.100	ug/l	97
52) Toluene	8.720	92	134805	56.561	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	83516	57.479	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	90518	56.656	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	56200	55.385	ug/l	93
56) Ethyl methacrylate	9.116	69	92362	56.239	ug/l	95
57) 1,3-Dichloropropane	9.305	76	96546	56.144	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	197986	255.046	ug/l	96
59) 2-Hexanone	9.427	43	424977	282.715	ug/l	97
60) Dibromochloromethane	9.519	129	58042	60.654	ug/l	96
61) 1,2-Dibromoethane	9.610	107	62023	59.024	ug/l	98
64) Tetrachloroethene	9.275	164	46108	55.441	ug/l	98
65) Chlorobenzene	10.079	112	144036	54.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	52135	57.482	ug/l	99
67) Ethyl Benzene	10.189	91	269473	54.492	ug/l	97
68) m/p-Xylenes	10.299	106	199013	109.428	ug/l	94
69) o-Xylene	10.640	106	96809	53.751	ug/l	94
70) Styrene	10.653	104	164036	55.754	ug/l	97
71) Bromoform	10.799	173	41144	60.414	ug/l #	100
73) Isopropylbenzene	10.963	105	264659	49.900	ug/l	100
74) N-amyl acetate	10.842	43	139217	50.356	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	99421	49.090	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109697	63.515	ug/l	90
77) Bromobenzene	11.195	156	58647	49.662	ug/l	94
78) n-propylbenzene	11.305	91	326952	50.932	ug/l	97
79) 2-Chlorotoluene	11.366	91	191887	48.364	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228994	50.836	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26467	46.152	ug/l	98
82) 4-Chlorotoluene	11.451	91	226620	50.356	ug/l	99
83) tert-Butylbenzene	11.713	119	217762	50.635	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	229139	50.987	ug/l	99
85) sec-Butylbenzene	11.890	105	290580	52.051	ug/l	98
86) p-Isopropyltoluene	12.006	119	236792	53.071	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	114427	50.549	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	118026	50.482	ug/l	99
89) n-Butylbenzene	12.329	91	229161	53.177	ug/l	96
90) Hexachloroethane	12.536	117	40493	53.796	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	114752	51.276	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	26236	52.865	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	71240	52.090	ug/l	98
94) Hexachlorobutadiene	13.725	225	29445	51.793	ug/l	97
95) Naphthalene	13.774	128	249021	49.461	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	69164	50.109	ug/l	99

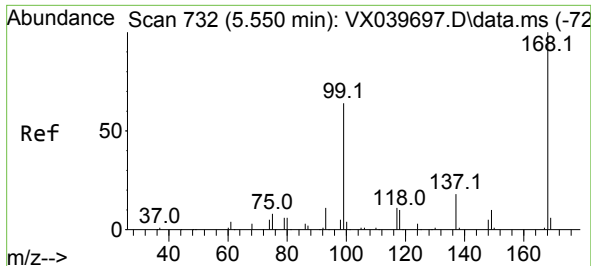
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

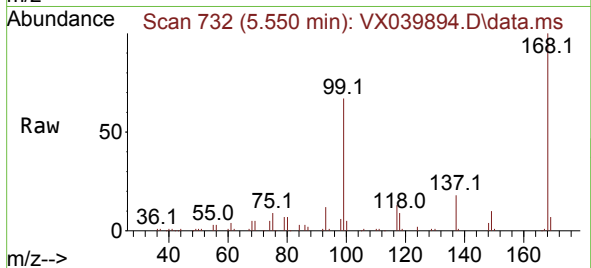
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

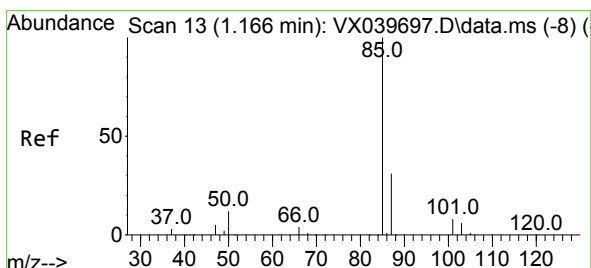
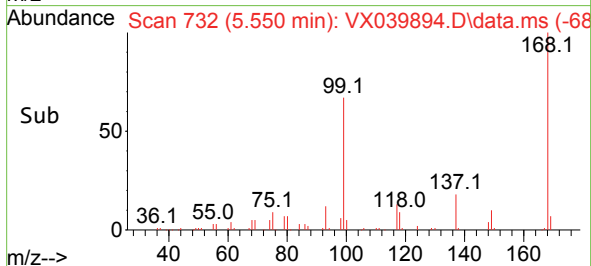
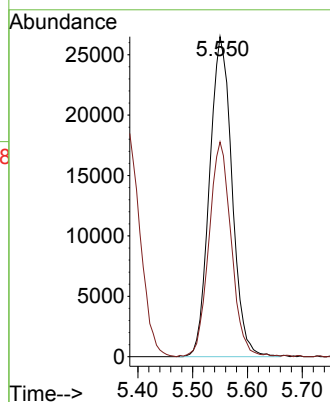


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

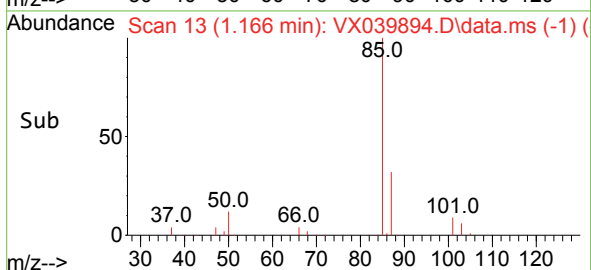
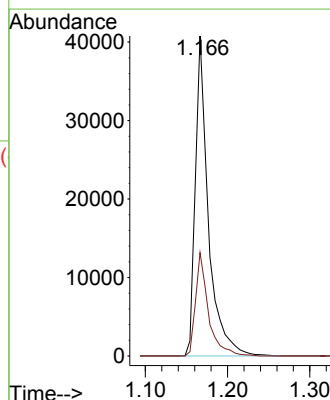
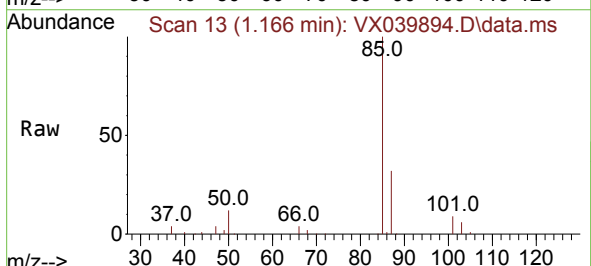


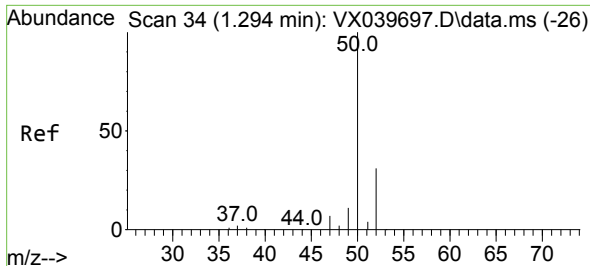
Tgt Ion:168 Resp: 75340
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 45.938 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 85 Resp: 44779
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1

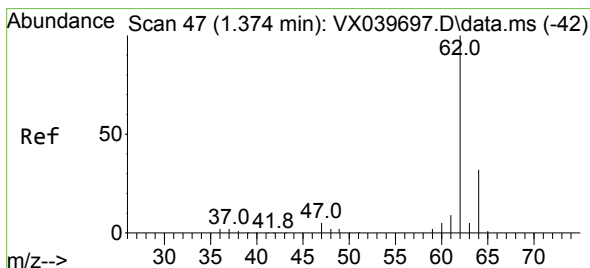
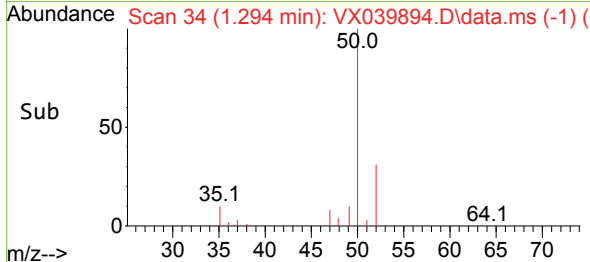
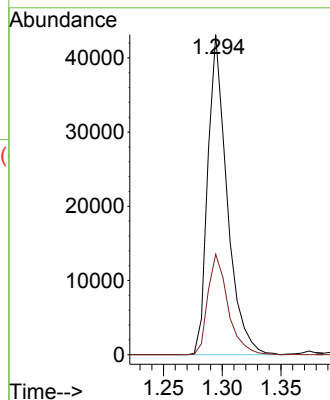
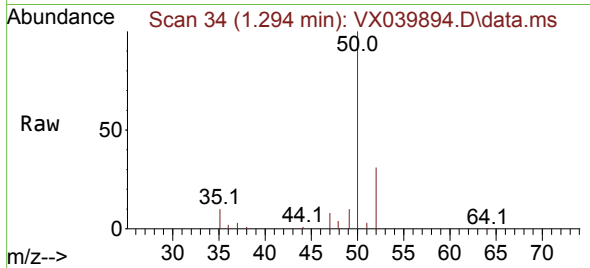




#3
Chloromethane
Concen: 44.196 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

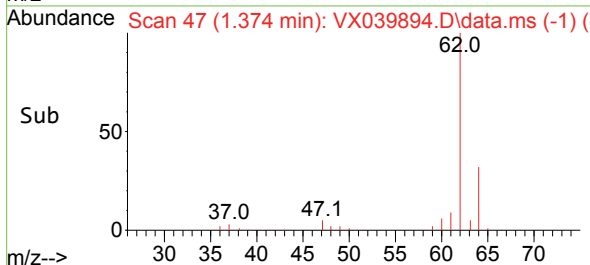
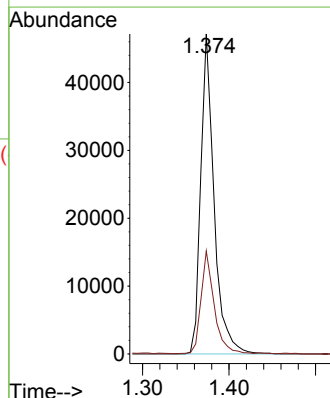
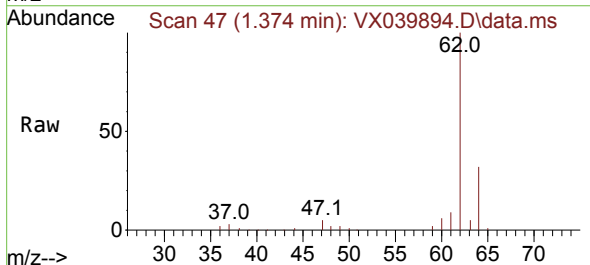
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

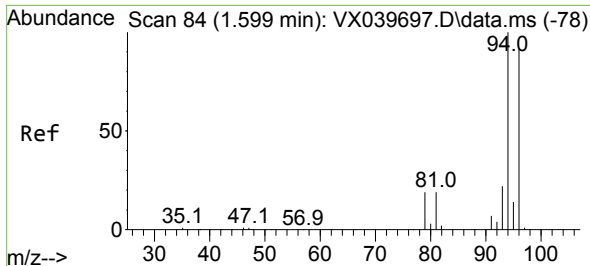
Tgt Ion: 50 Resp: 49200
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3



#4
Vinyl Chloride
Concen: 47.909 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 62 Resp: 50333
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

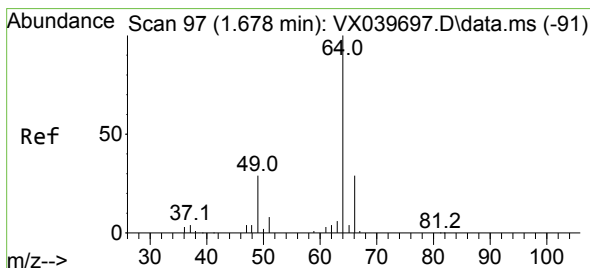
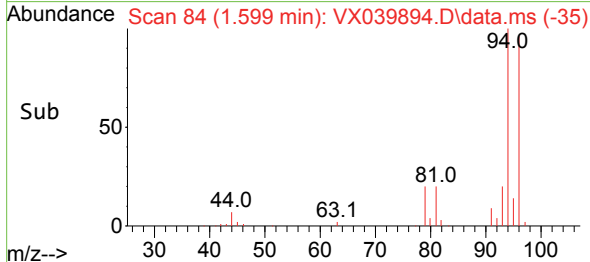
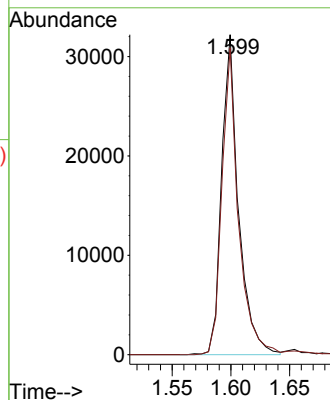
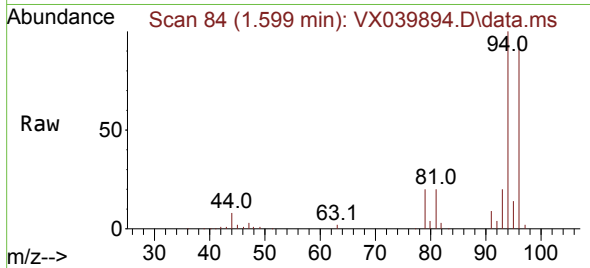




#5
Bromomethane
Concen: 53.761 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

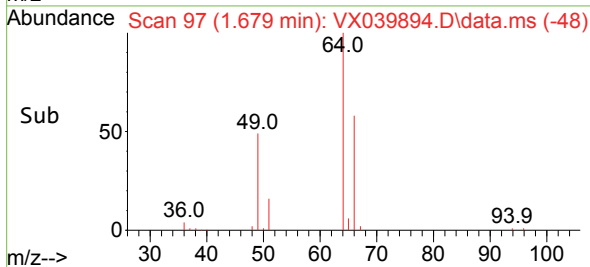
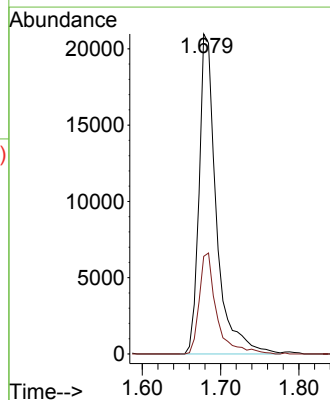
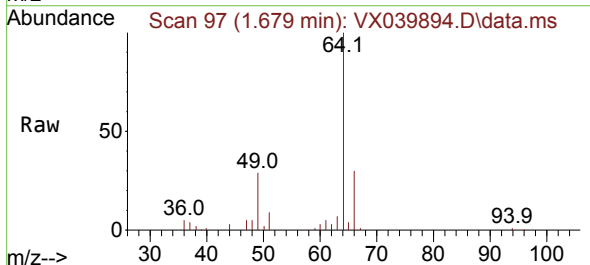
Instrument :
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ClientSampleId :
VSTDCCC050EC

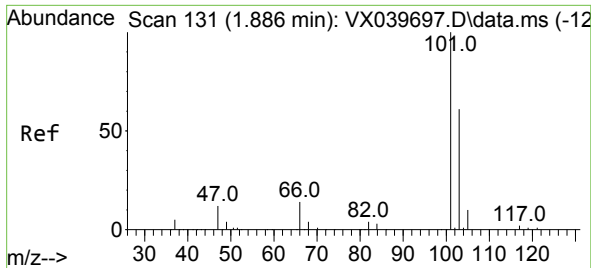
Tgt Ion: 94 Resp: 32227
Ion Ratio Lower Upper
94 100
96 95.9 74.6 111.8



#6
Chloroethane
Concen: 54.033 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 64 Resp: 32271
Ion Ratio Lower Upper
64 100
66 30.5 25.1 37.7

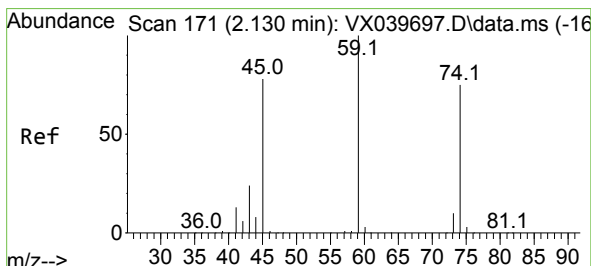
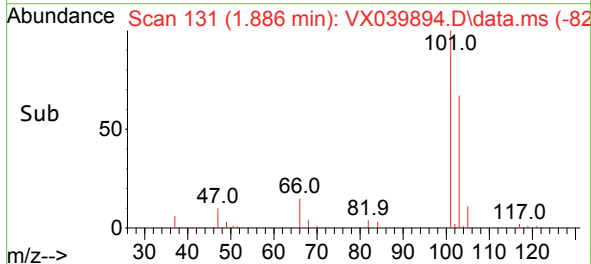
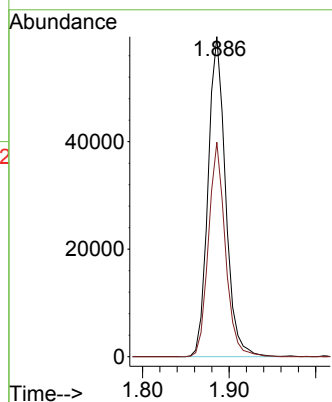
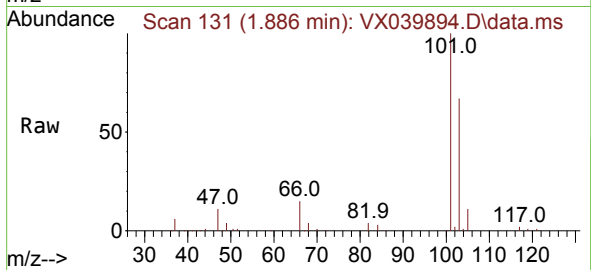




#7
Trichlorofluoromethane
Concen: 55.053 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

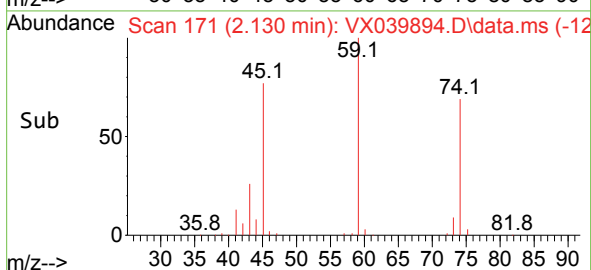
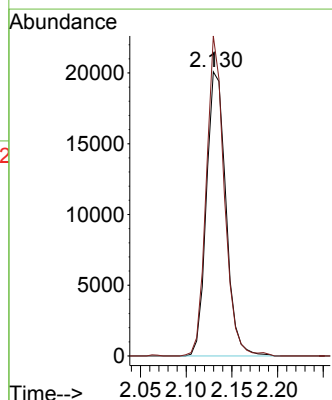
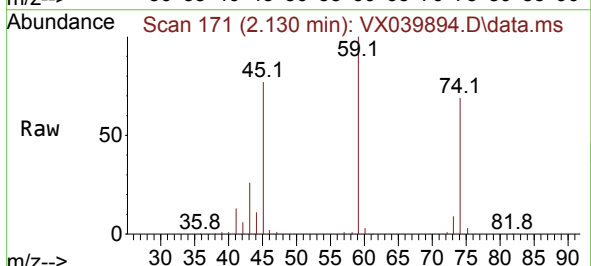
Instrument :
MSVOA_X
ClientSampleId :
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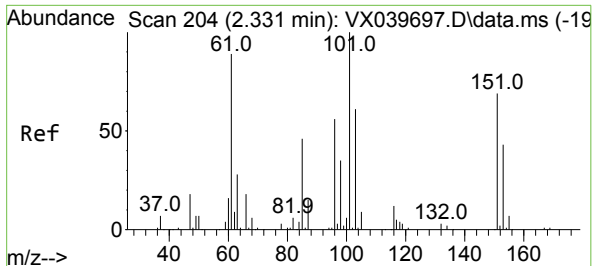
Tgt Ion:101 Resp: 83435
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.2



#8
Diethyl Ether
Concen: 53.024 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 74 Resp: 29697
Ion Ratio Lower Upper
74 100
45 104.3 53.3 159.8

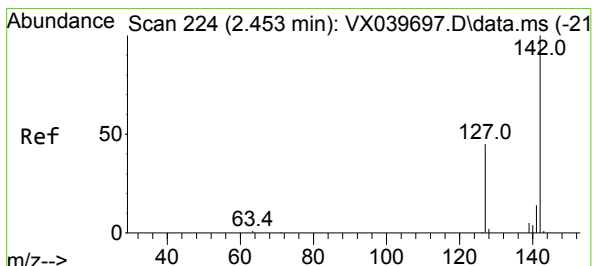
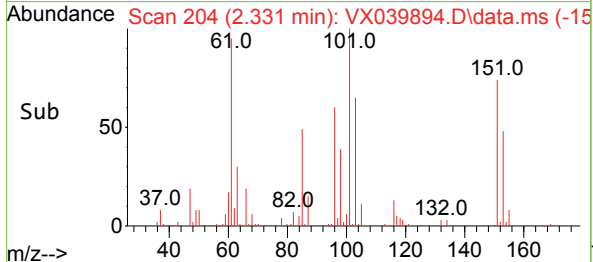
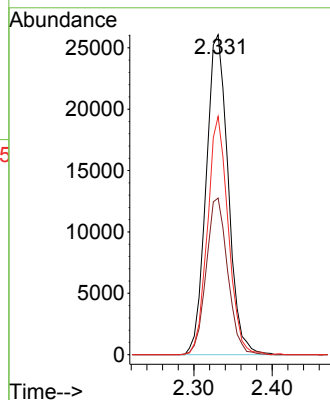
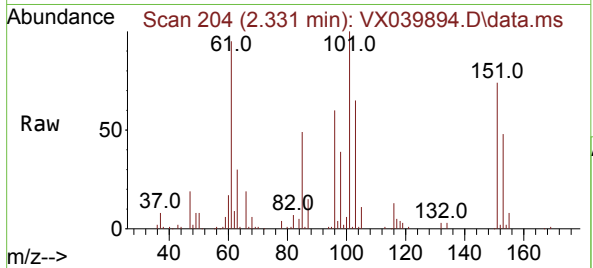




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.066 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

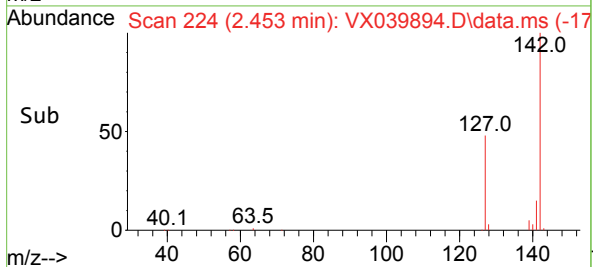
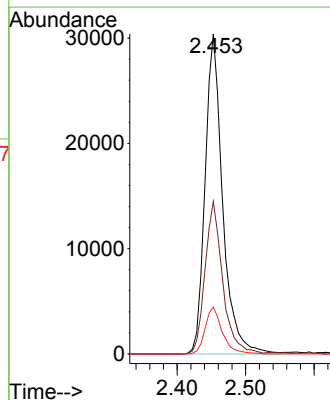
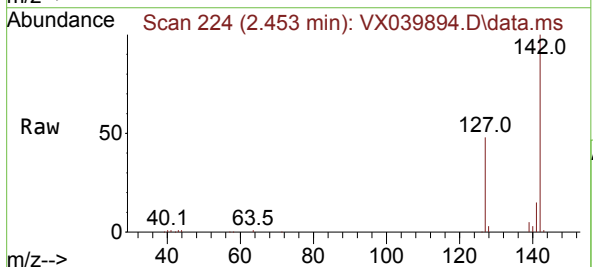
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

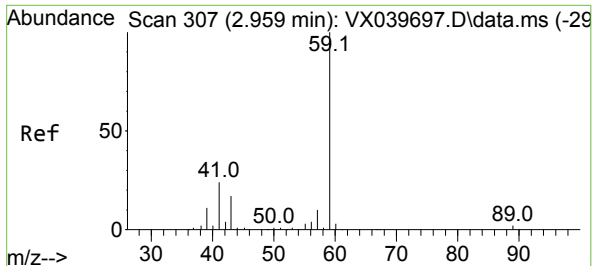
Tgt Ion:101 Resp: 50799
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 70.3 58.6 87.8



#10
Methyl Iodide
Concen: 54.730 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:142 Resp: 54249
Ion Ratio Lower Upper
142 100
127 47.9 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 275.310 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

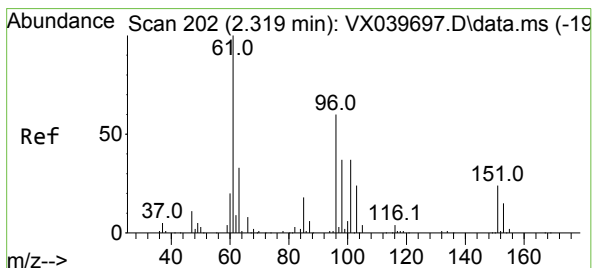
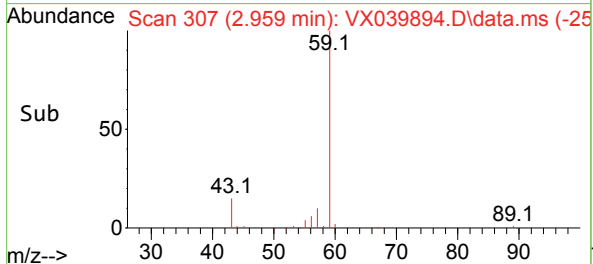
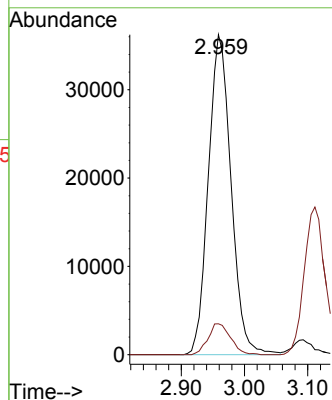
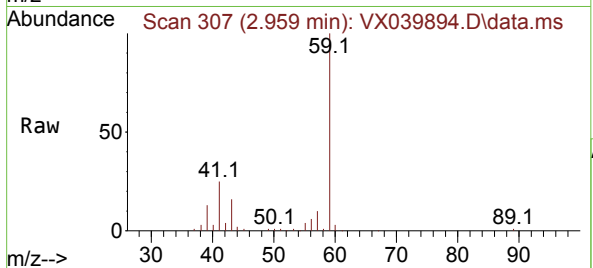
VSTDCCC050EC

Tgt Ion: 59 Resp: 90446

Ion Ratio Lower Upper

59 100

57 9.6 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 53.442 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

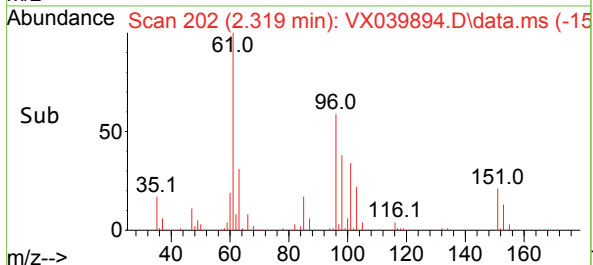
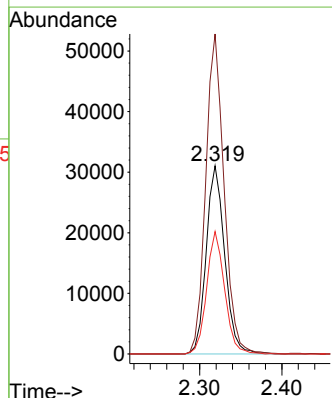
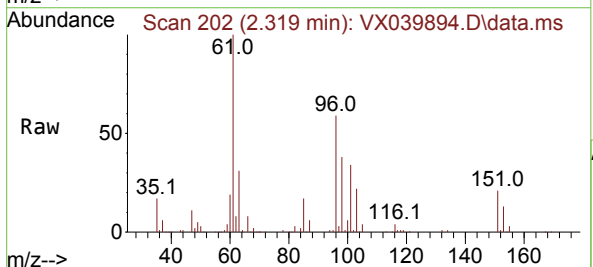
Tgt Ion: 96 Resp: 48460

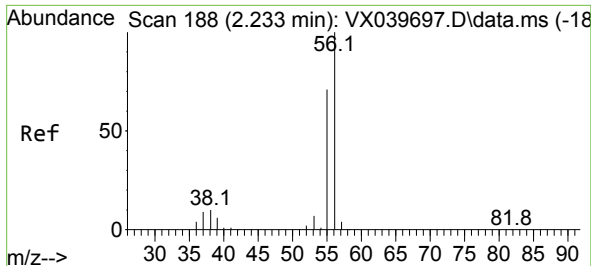
Ion Ratio Lower Upper

96 100

61 170.1 144.6 216.8

98 65.0 50.4 75.6





#13

Acrolein

Concen: 281.396 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

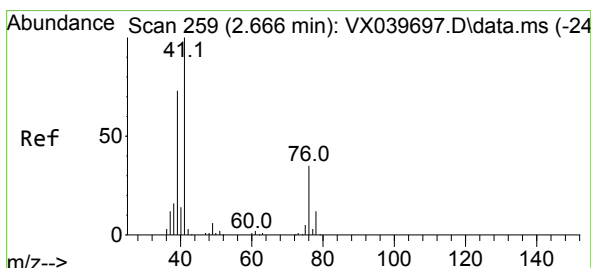
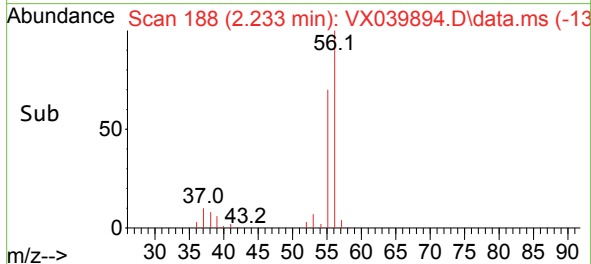
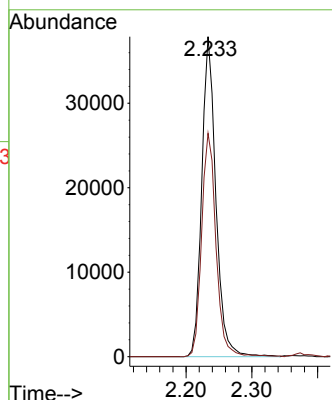
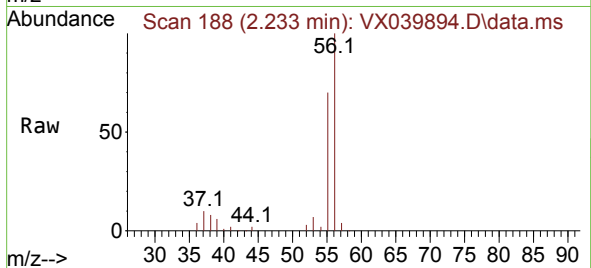
VSTDCCC050EC

Tgt Ion: 56 Resp: 56473

Ion Ratio Lower Upper

56 100

55 71.2 57.1 85.7



#14

Allyl chloride

Concen: 50.779 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

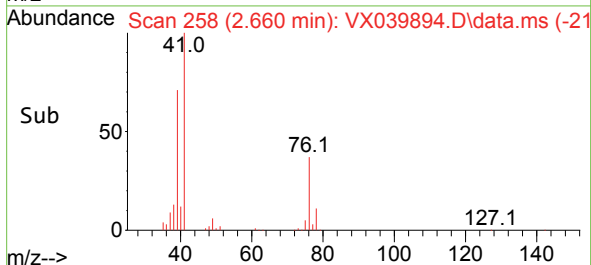
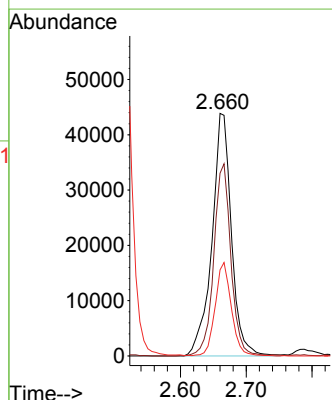
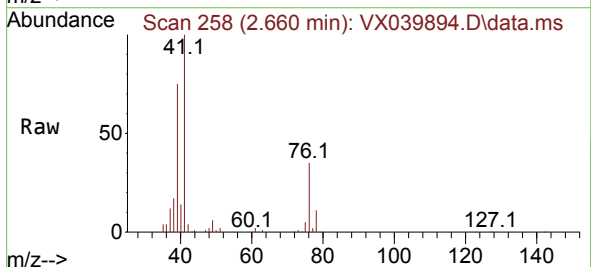
Tgt Ion: 41 Resp: 90625

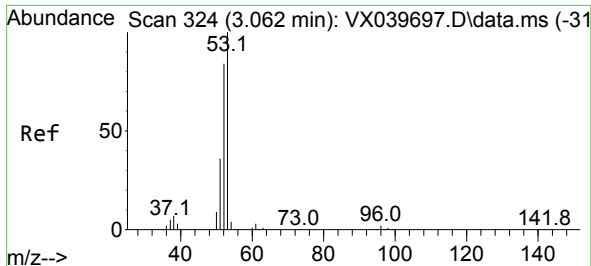
Ion Ratio Lower Upper

41 100

39 69.6 55.8 83.6

76 32.0 24.3 36.5

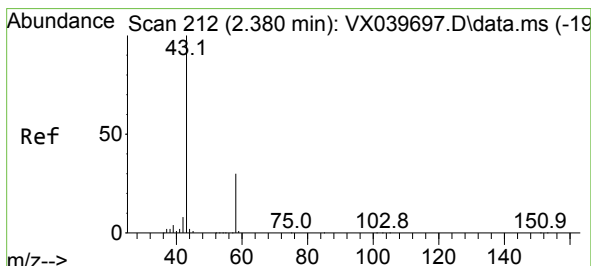
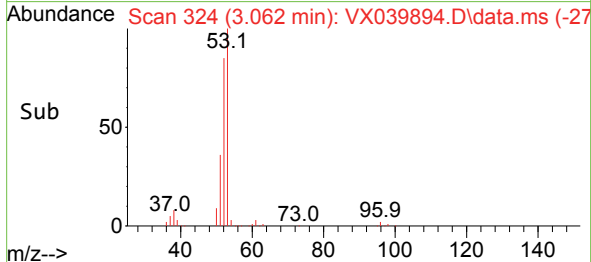
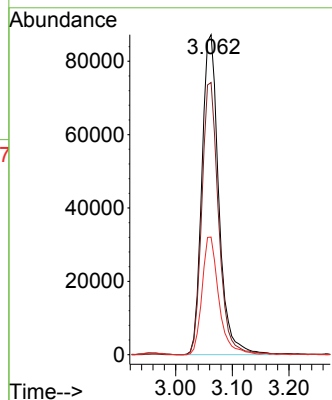
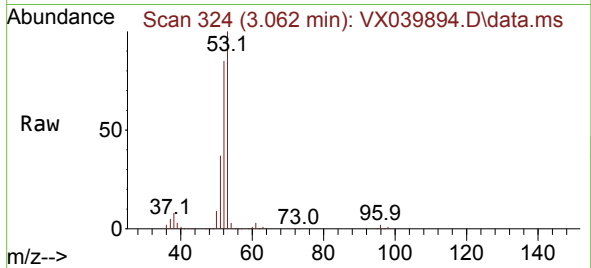




#15
Acrylonitrile
Concen: 266.241 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

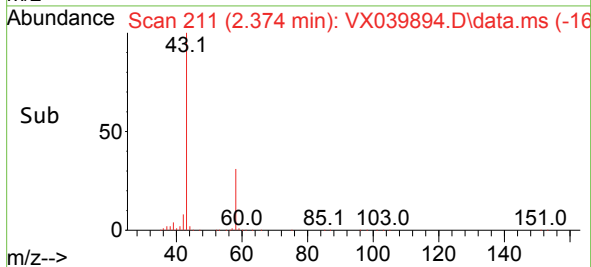
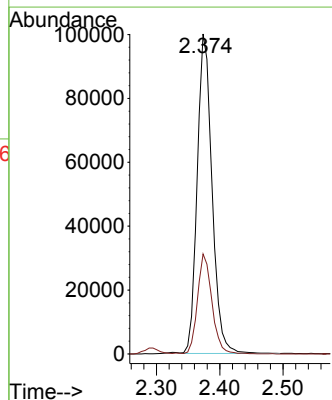
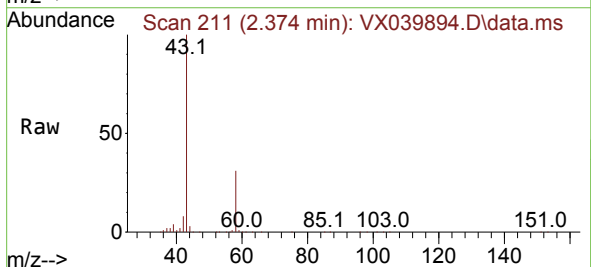
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

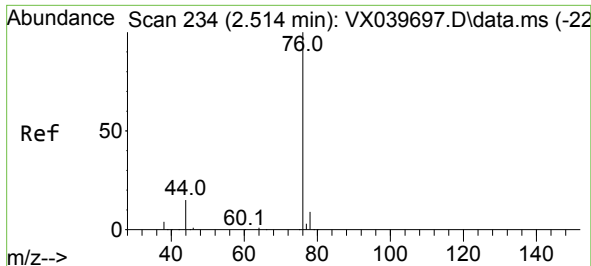
Tgt Ion: 53 Resp: 180675
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 36.6 29.8 44.6



#16
Acetone
Concen: 229.811 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 43 Resp: 163113
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#17

Carbon Disulfide

Concen: 50.505 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

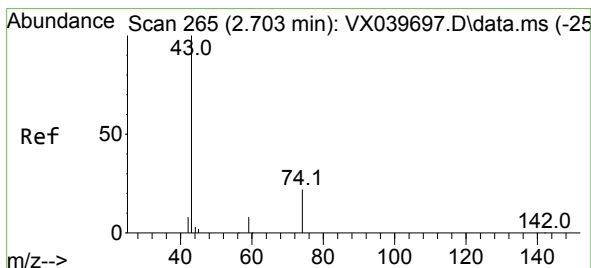
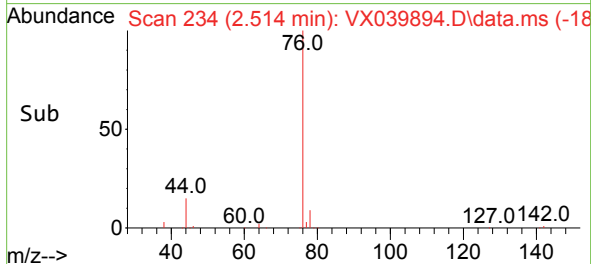
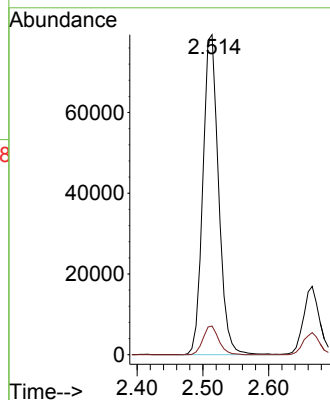
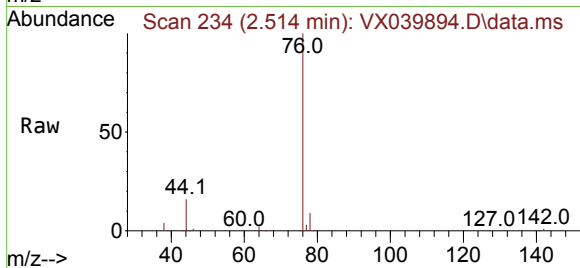
VSTDCCC050EC

Tgt Ion: 76 Resp: 131630

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



#18

Methyl Acetate

Concen: 57.203 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX039894.D

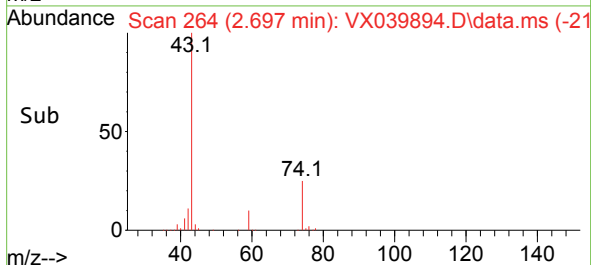
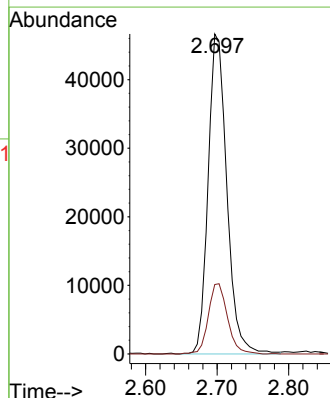
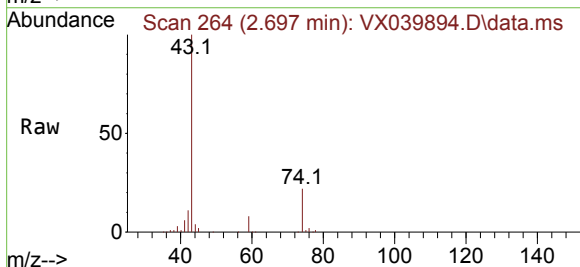
Acq: 22 Jan 2024 19:09

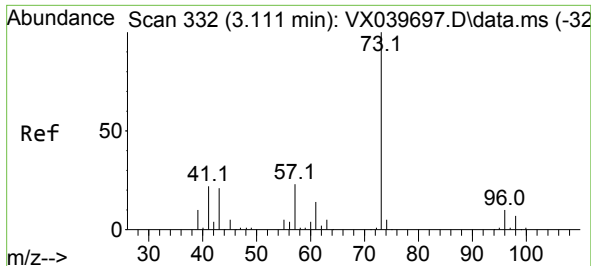
Tgt Ion: 43 Resp: 84942

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.8

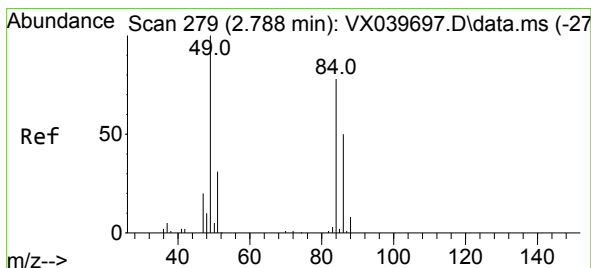
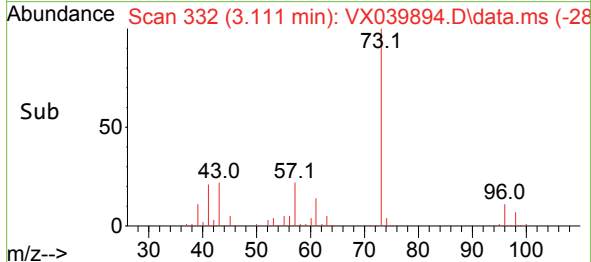
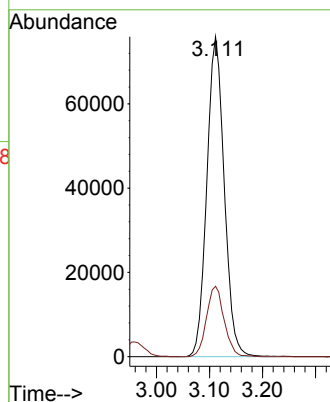
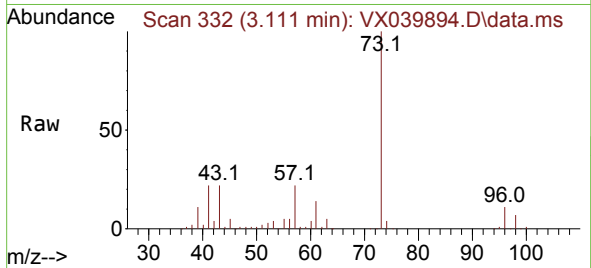




#19
Methyl tert-butyl Ether
Concen: 53.802 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

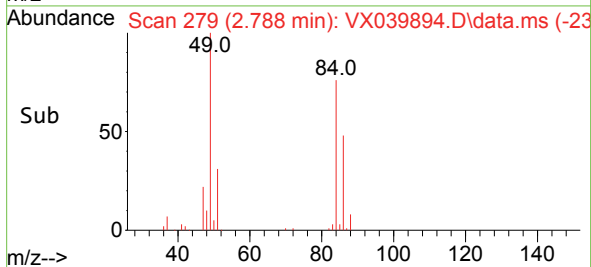
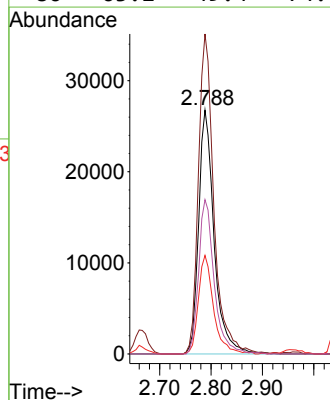
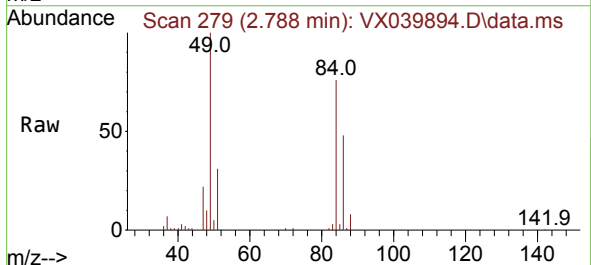
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

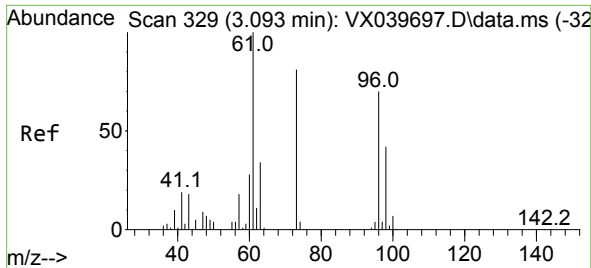
Tgt Ion: 73 Resp: 173199
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 52.123 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 84 Resp: 55959
Ion Ratio Lower Upper
84 100
49 131.2 103.6 155.4
51 40.4 33.8 50.6
86 63.2 49.4 74.0

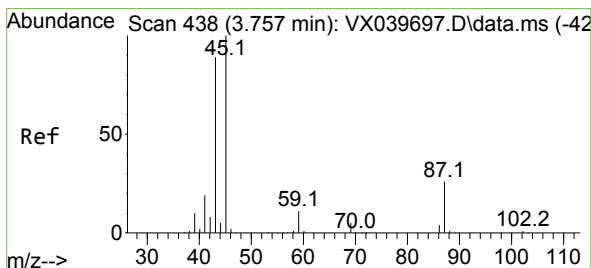
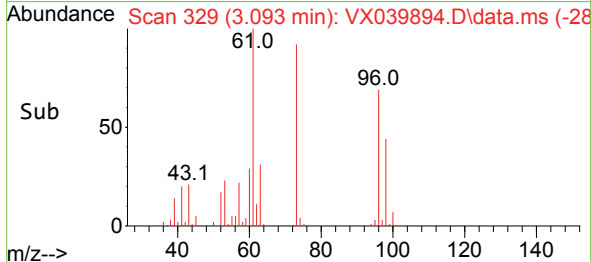
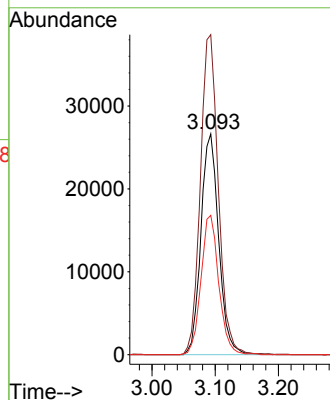
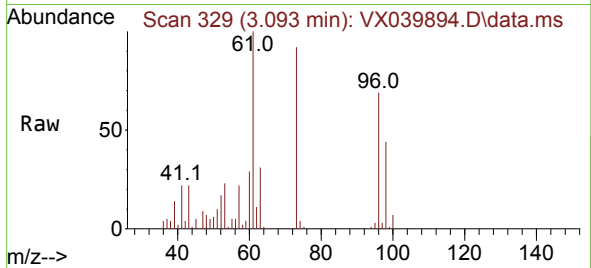




#21
trans-1,2-Dichloroethene
Concen: 54.663 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

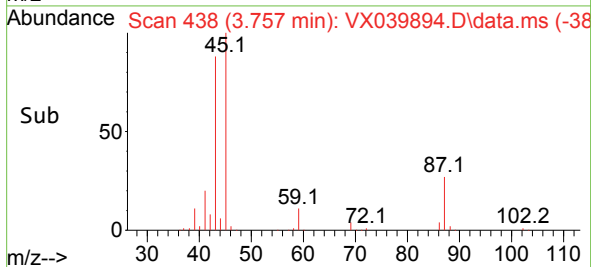
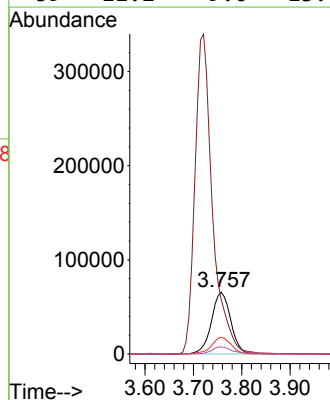
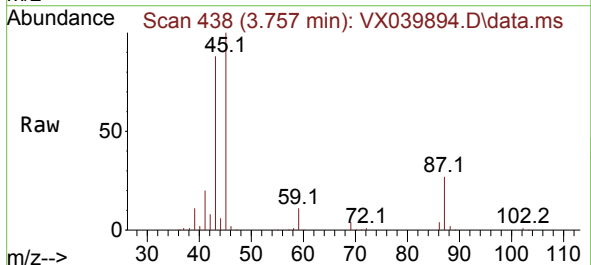
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

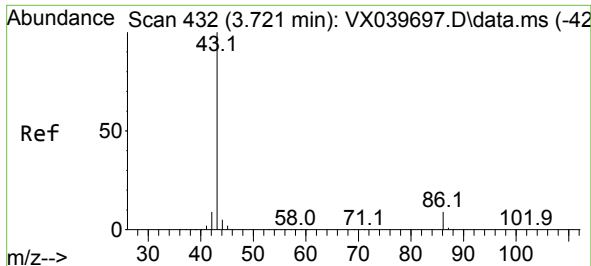
Tgt Ion: 96 Resp: 52162
Ion Ratio Lower Upper
96 100
61 145.0 119.2 178.8
98 63.1 48.7 73.1



#22
Diisopropyl ether
Concen: 53.271 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 45 Resp: 181434
Ion Ratio Lower Upper
45 100
43 87.3 69.7 104.5
87 26.7 20.8 31.2
59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 270.296 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

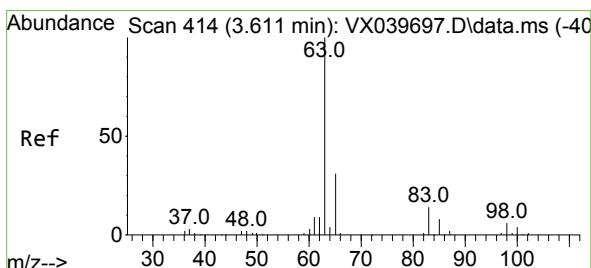
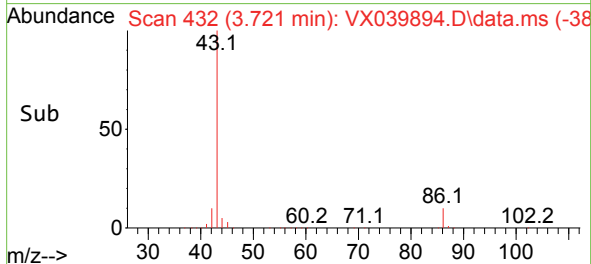
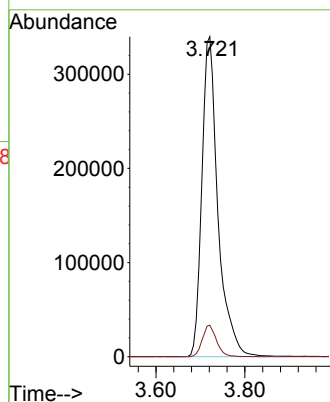
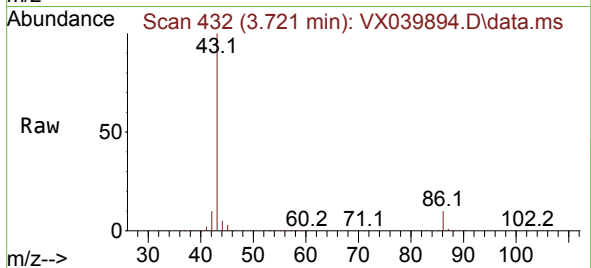
VSTDCCC050EC

Tgt Ion: 43 Resp: 855734

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.8



#24

1,1-Dichloroethane

Concen: 54.035 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.006 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

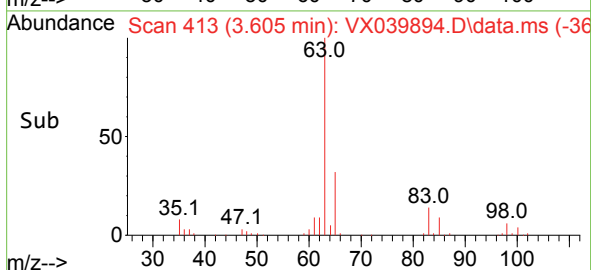
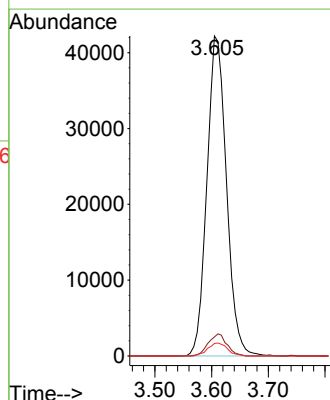
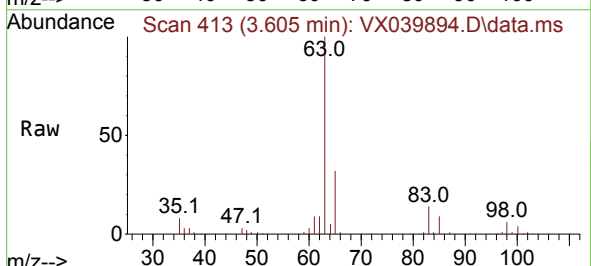
Tgt Ion: 63 Resp: 101245

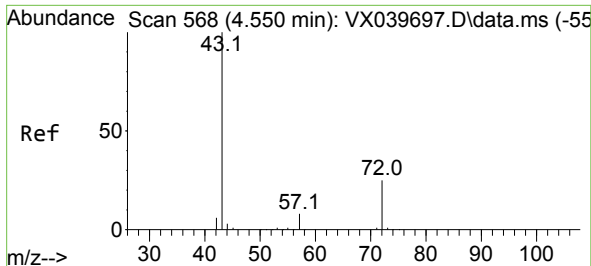
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 3.9 2.1 6.5

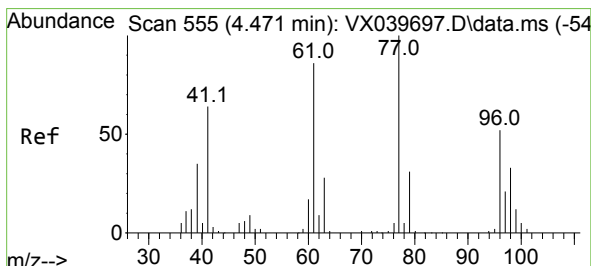
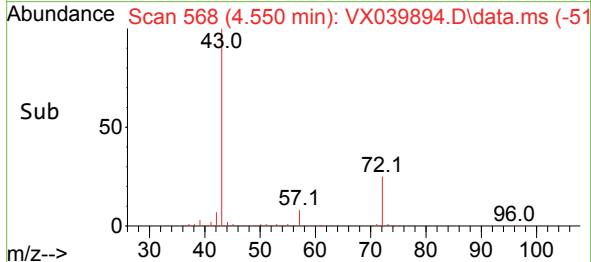
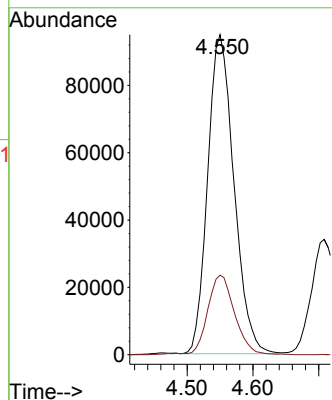
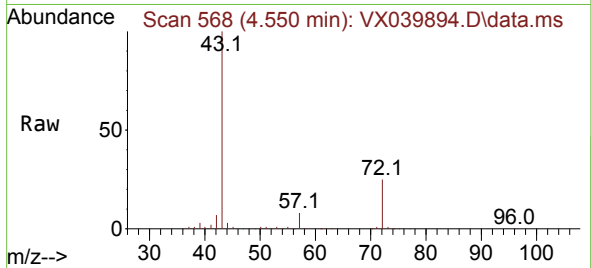




#25
2-Butanone
Concen: 258.260 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

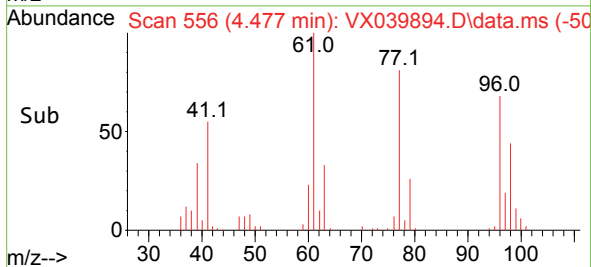
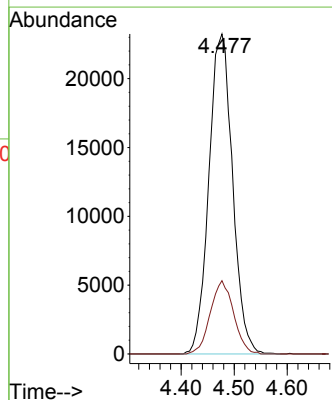
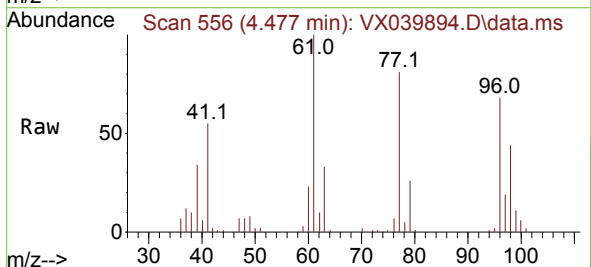
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

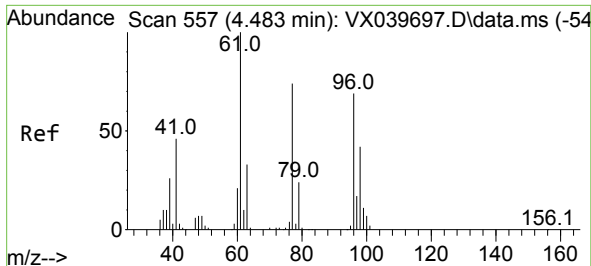
Tgt Ion: 43 Resp: 263422
Ion Ratio Lower Upper
43 100
72 24.8 19.4 29.2



#26
2,2-Dichloropropane
Concen: 47.912 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 77 Resp: 72050
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 55.645 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

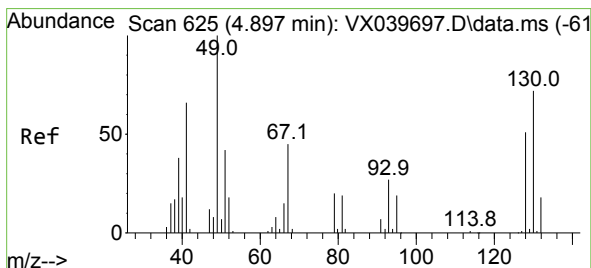
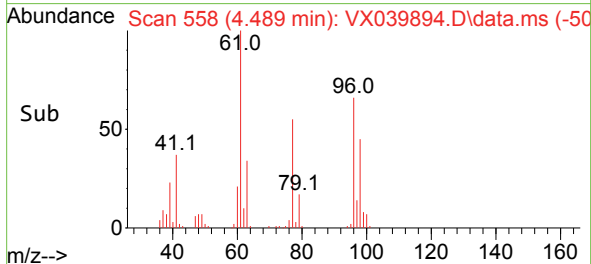
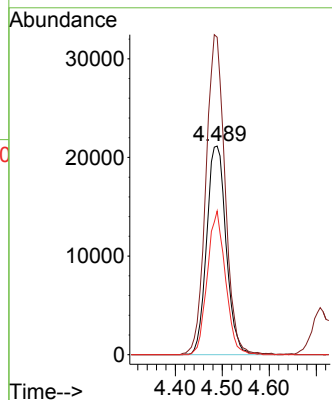
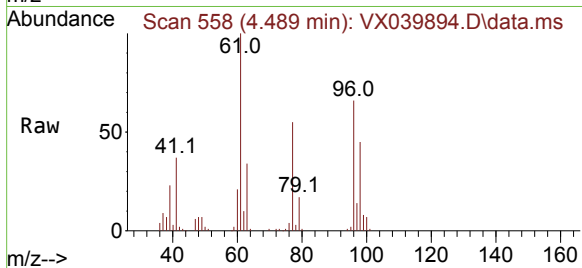
Tgt Ion: 96 Resp: 60901

Ion Ratio Lower Upper

96 100

61 150.0 0.0 312.2

98 64.0 0.0 129.0



#28

Bromochloromethane

Concen: 51.654 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

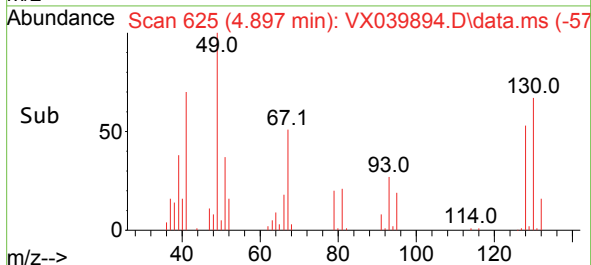
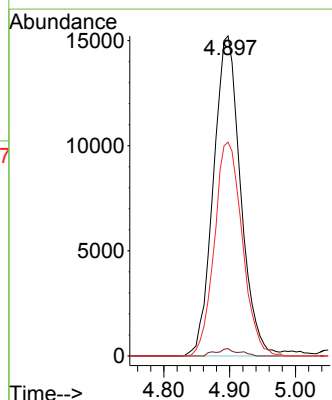
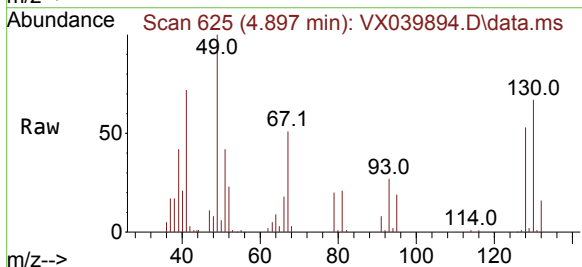
Tgt Ion: 49 Resp: 43871

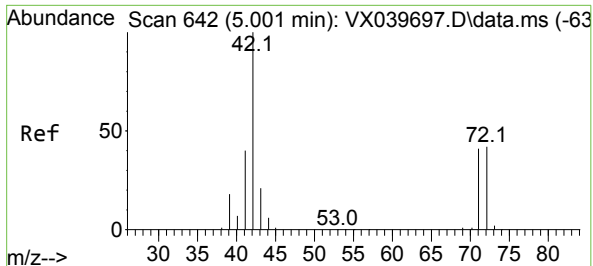
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 68.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 265.222 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

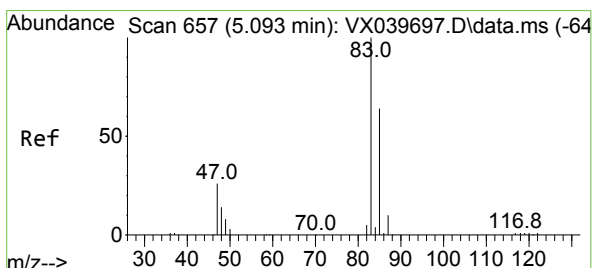
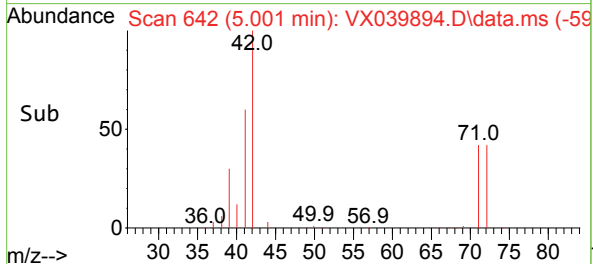
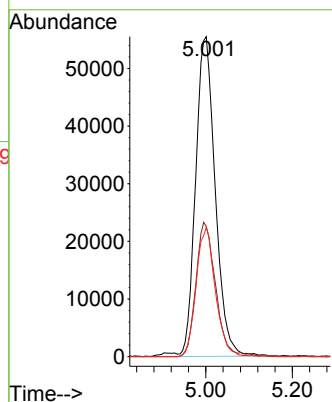
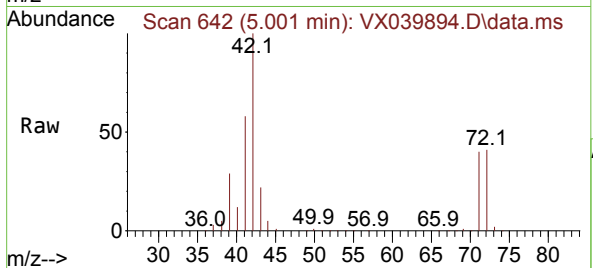
Tgt Ion: 42 Resp: 174121

Ion Ratio Lower Upper

42 100

72 42.2 34.2 51.4

71 39.7 32.2 48.2



#30

Chloroform

Concen: 57.515 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039894.D

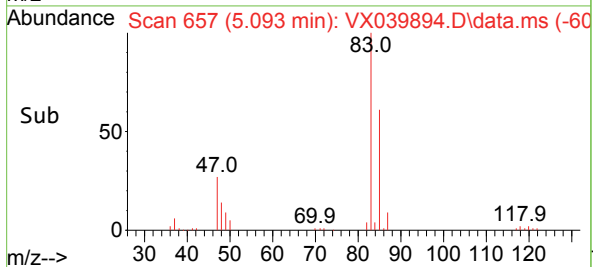
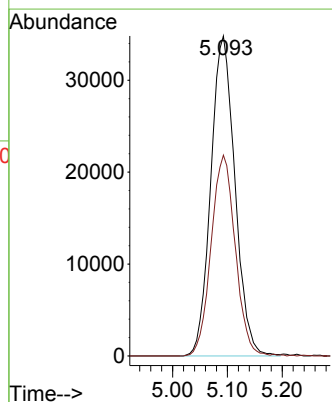
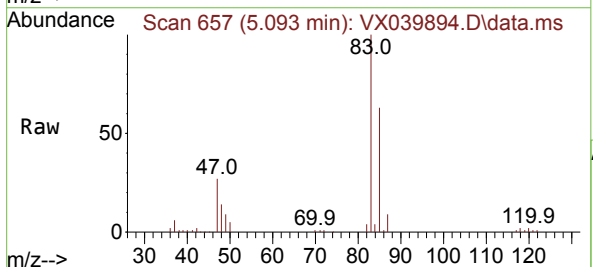
Acq: 22 Jan 2024 19:09

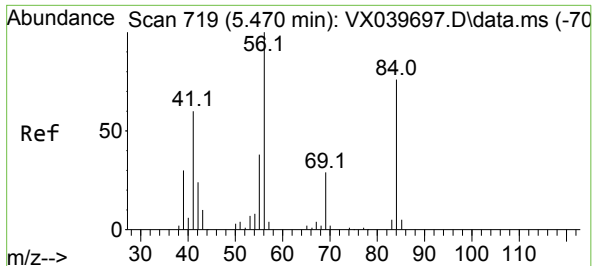
Tgt Ion: 83 Resp: 106383

Ion Ratio Lower Upper

83 100

85 62.8 50.3 75.5





#31

Cyclohexane

Concen: 50.805 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

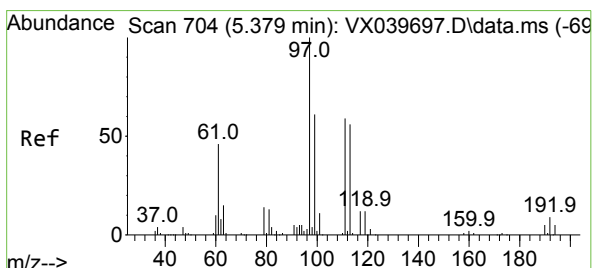
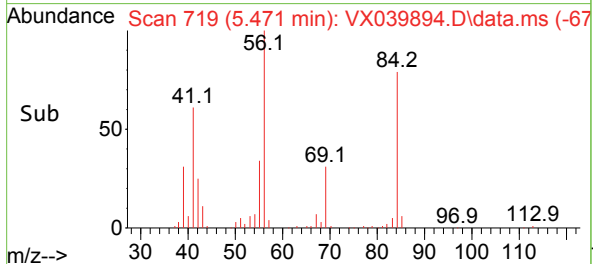
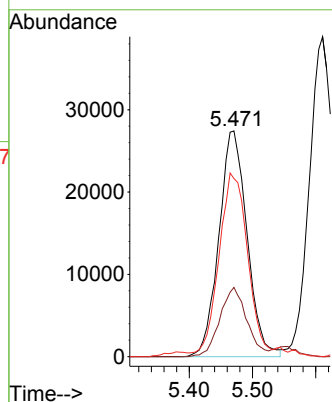
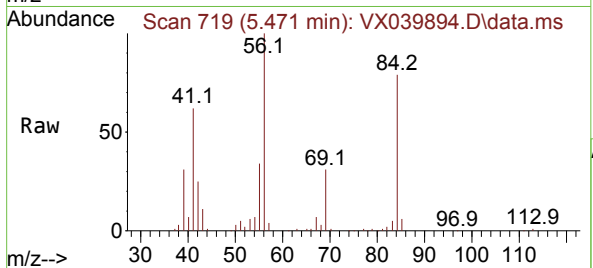
Tgt Ion: 56 Resp: 84622

Ion Ratio Lower Upper

56 100

69 30.7 23.4 35.2

84 76.9 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 55.271 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

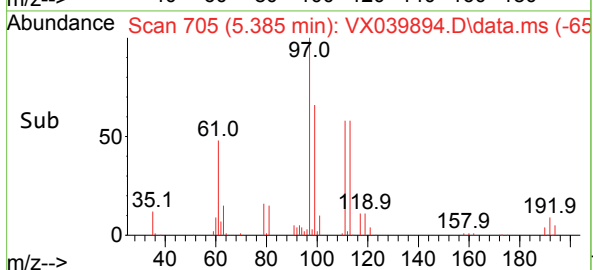
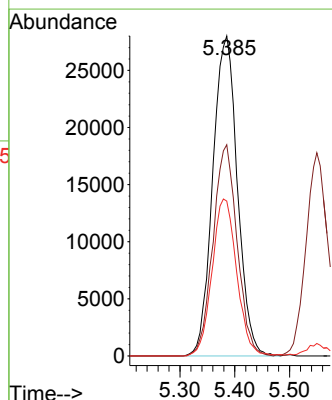
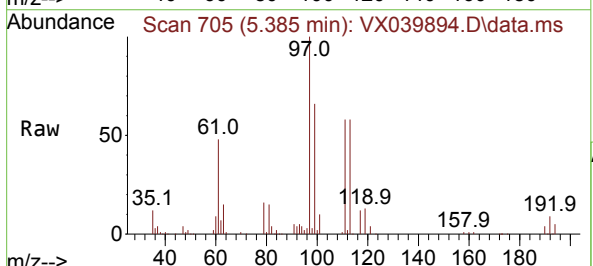
Tgt Ion: 97 Resp: 87523

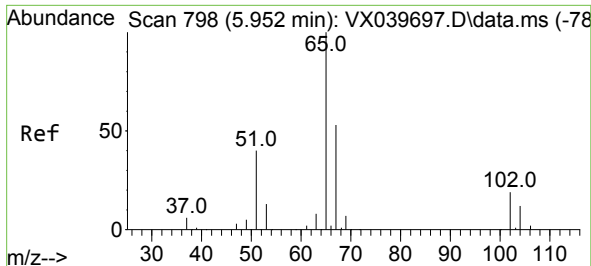
Ion Ratio Lower Upper

97 100

99 64.6 51.1 76.7

61 49.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.188 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

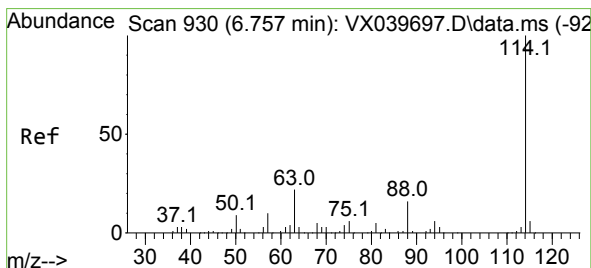
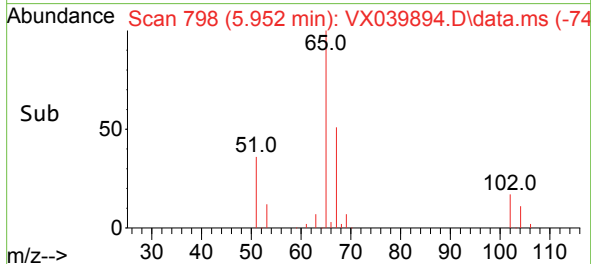
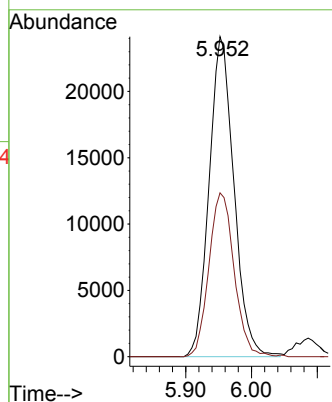
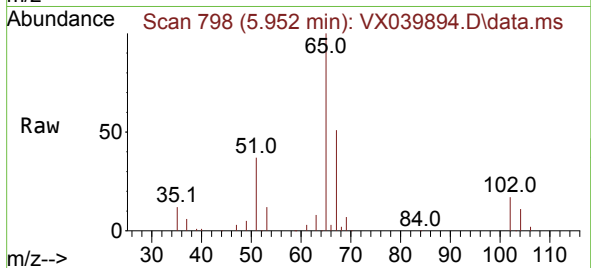
VSTDCCC050EC

Tgt Ion: 65 Resp: 63340

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

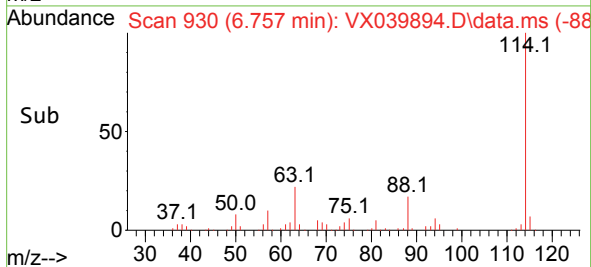
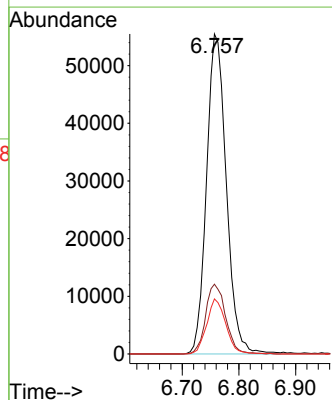
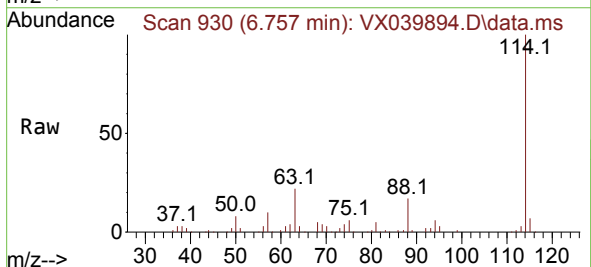
Tgt Ion: 114 Resp: 134411

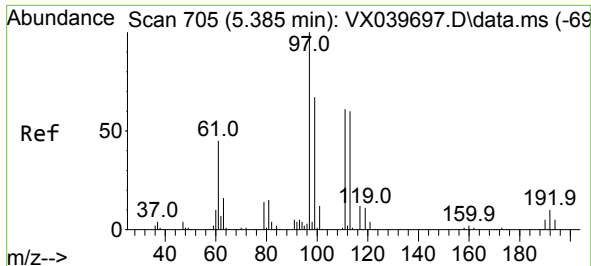
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

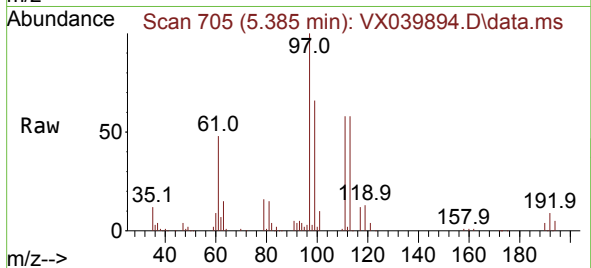
88 17.2 0.0 36.6



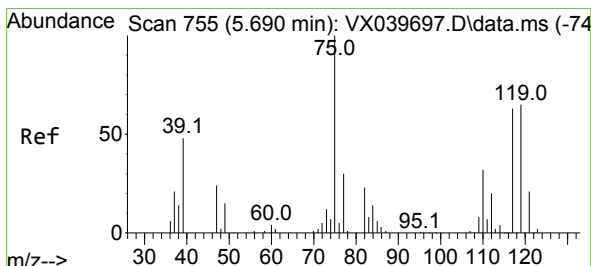
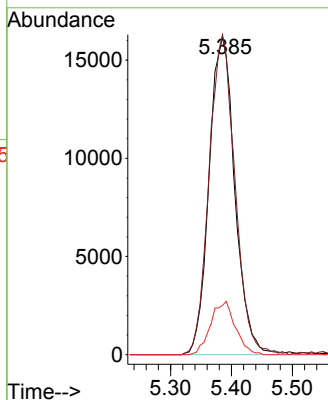
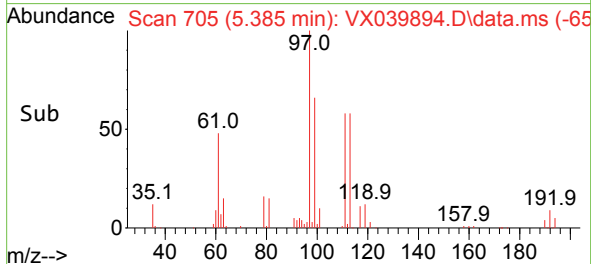


#35
Dibromofluoromethane
Concen: 52.486 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

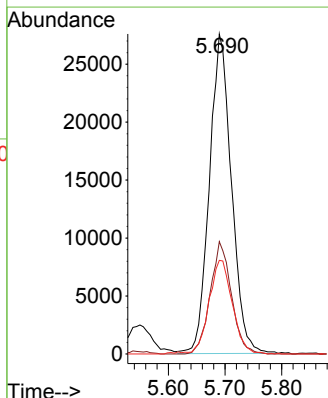
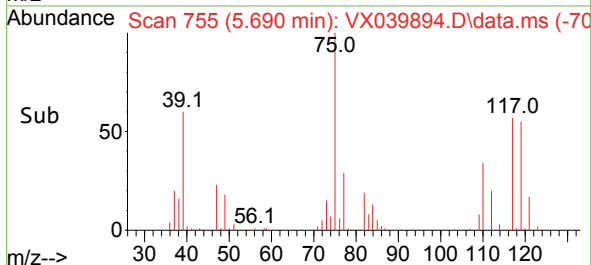
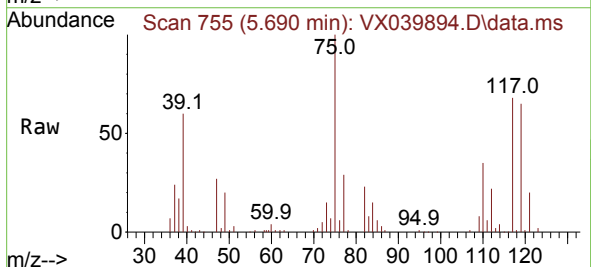


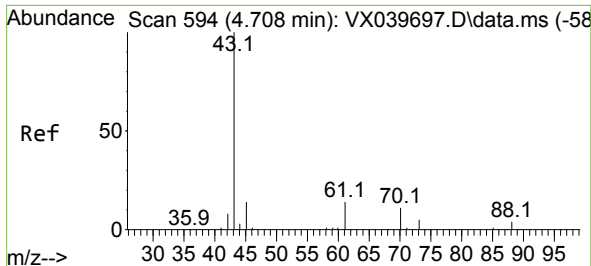
Tgt Ion:113 Resp: 47516
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 16.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 52.843 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 75 Resp: 74465
Ion Ratio Lower Upper
75 100
110 33.7 17.0 50.9
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 52.193 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

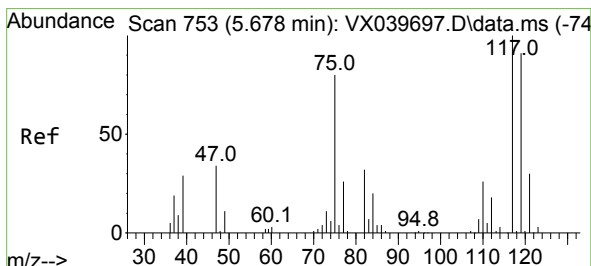
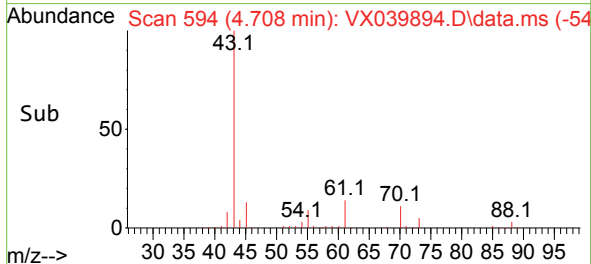
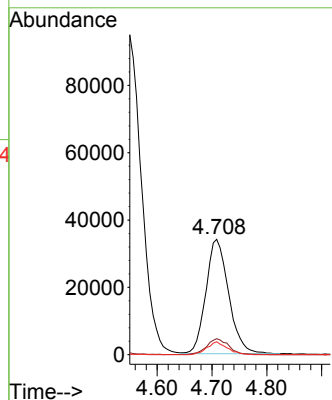
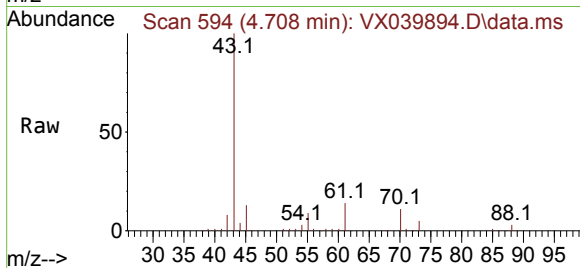
Tgt Ion: 43 Resp: 98119

Ion Ratio Lower Upper

43 100

61 13.7 10.6 16.0

70 9.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 56.658 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

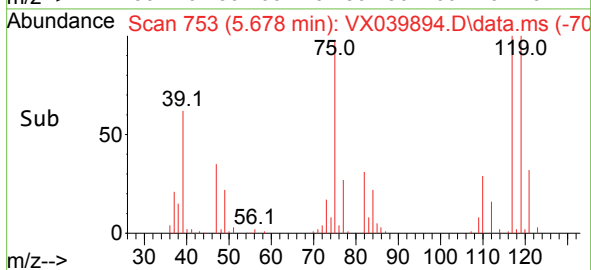
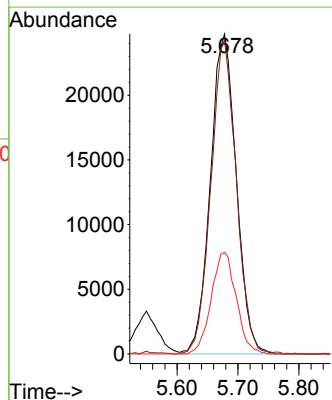
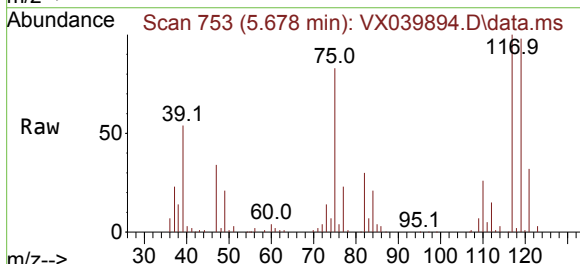
Tgt Ion: 117 Resp: 73125

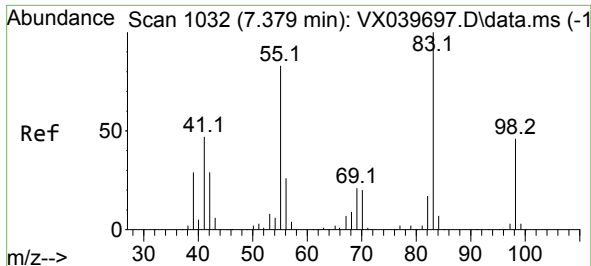
Ion Ratio Lower Upper

117 100

119 97.9 78.2 117.2

121 31.7 24.4 36.6





#39

Methylcyclohexane

Concen: 50.854 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

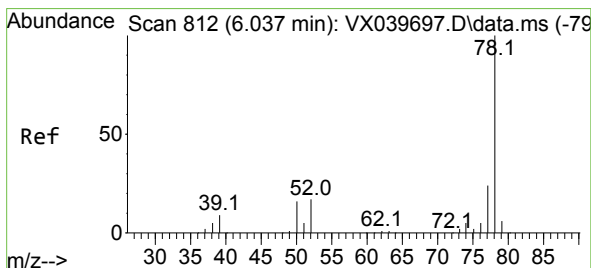
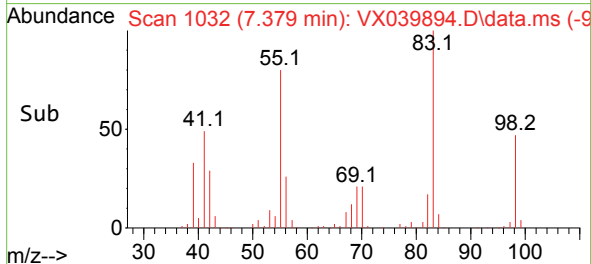
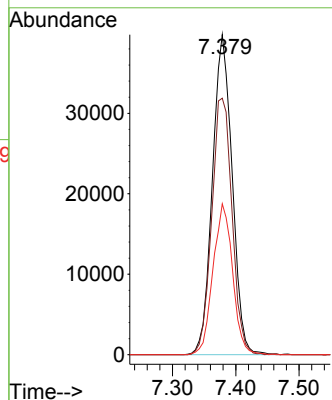
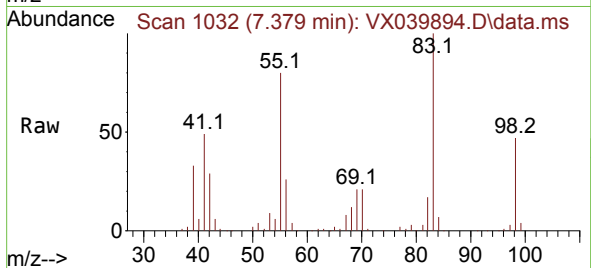
Tgt Ion: 83 Resp: 86053

Ion Ratio Lower Upper

83 100

55 80.1 64.6 97.0

98 47.1 36.7 55.1



#40

Benzene

Concen: 54.391 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX039894.D

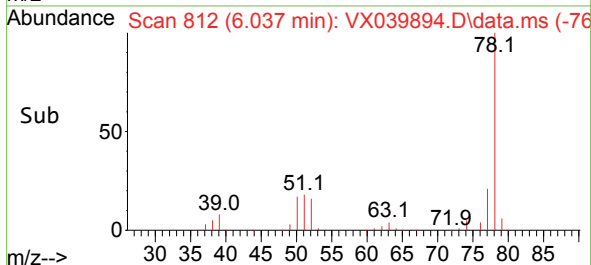
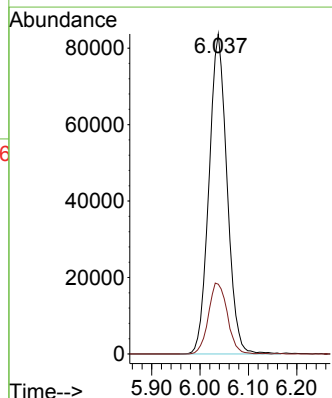
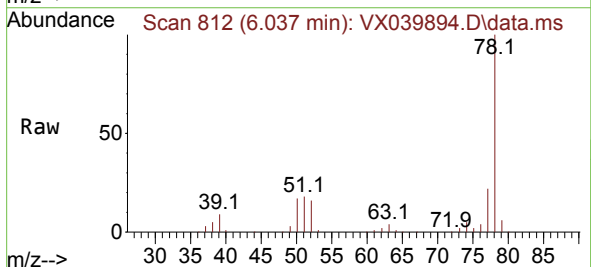
Acq: 22 Jan 2024 19:09

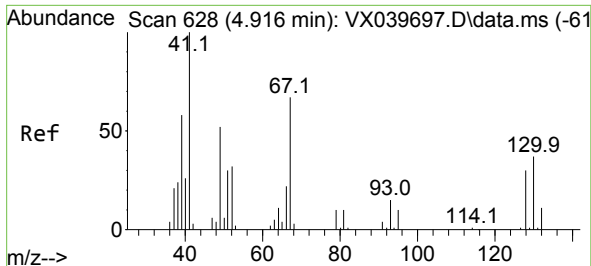
Tgt Ion: 78 Resp: 217032

Ion Ratio Lower Upper

78 100

77 21.8 19.3 28.9

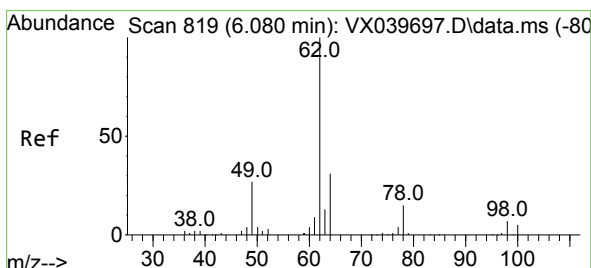
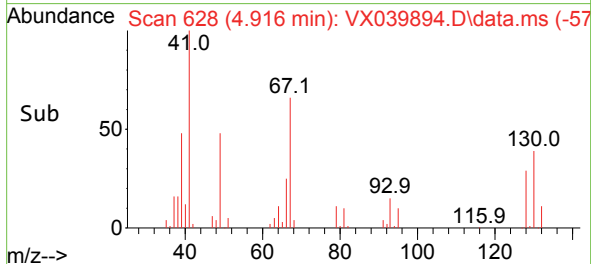
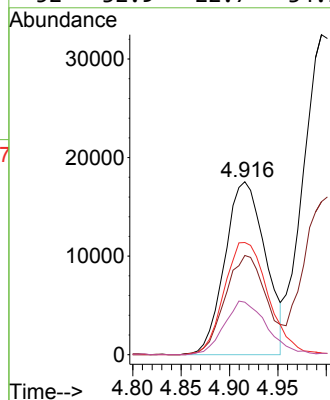
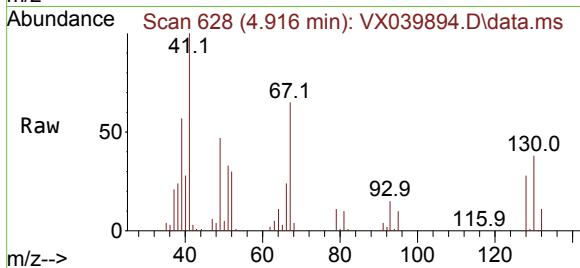




#41
Methacrylonitrile
Concen: 55.719 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

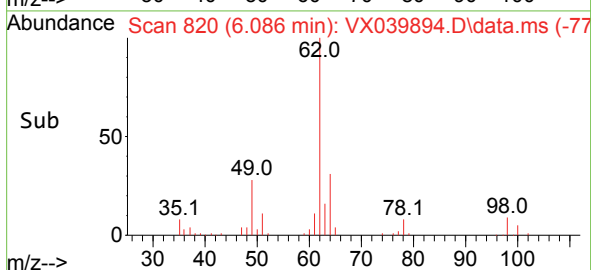
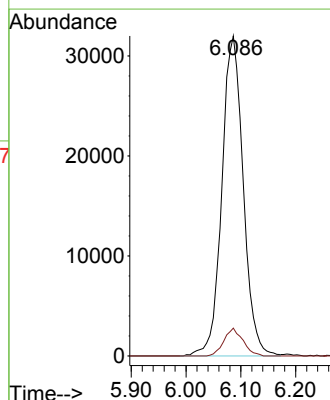
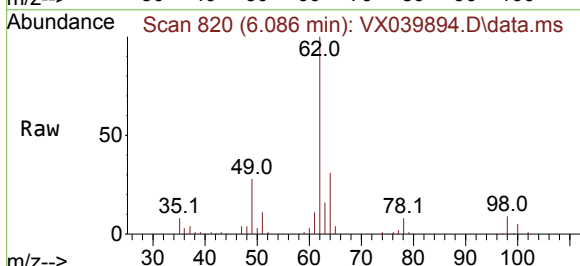
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

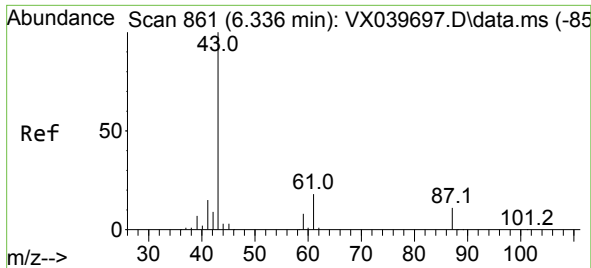
Tgt Ion:	41	Resp:	51223
Ion	Ratio	Lower	Upper
41	100		
39	60.1	45.2	67.8
67	70.5	52.6	78.8
52	32.9	22.7	34.1



#42
1,2-Dichloroethane
Concen: 57.286 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:	62	Resp:	86904
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	16.0





#43

Isopropyl Acetate

Concen: 55.170 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

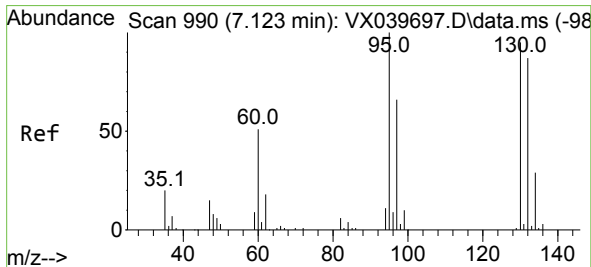
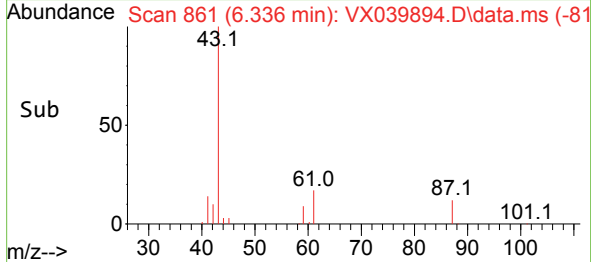
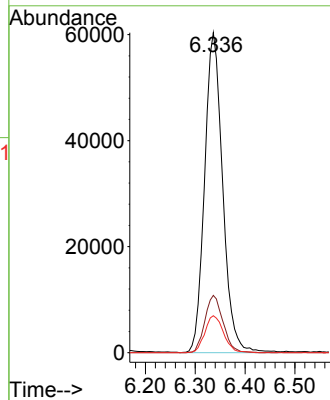
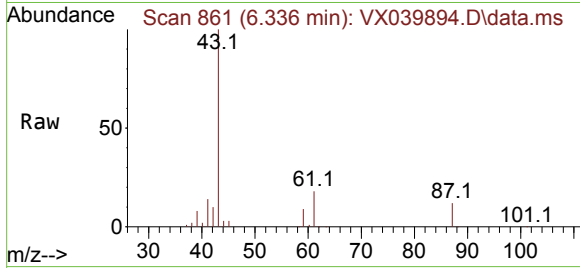
Tgt Ion: 43 Resp: 152146

Ion Ratio Lower Upper

43 100

61 18.0 15.2 22.8

87 11.9 9.8 14.6



#44

Trichloroethene

Concen: 55.602 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX039894.D

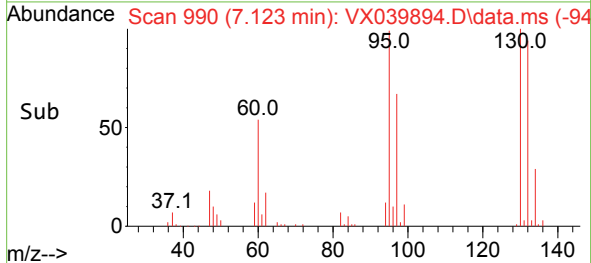
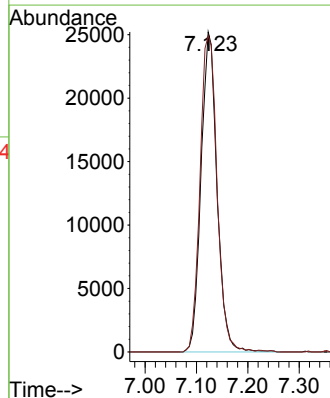
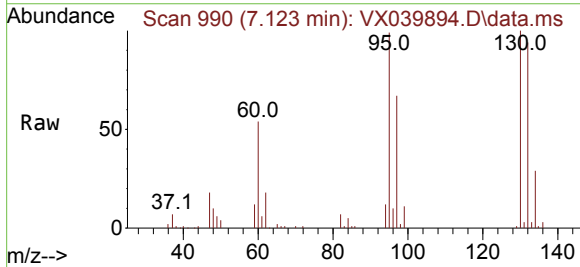
Acq: 22 Jan 2024 19:09

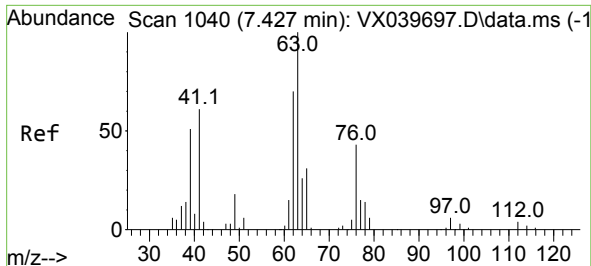
Tgt Ion:130 Resp: 54374

Ion Ratio Lower Upper

130 100

95 98.8 0.0 204.4

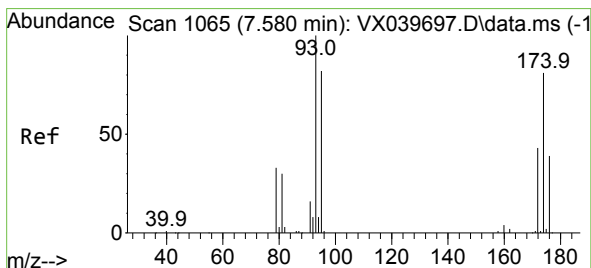
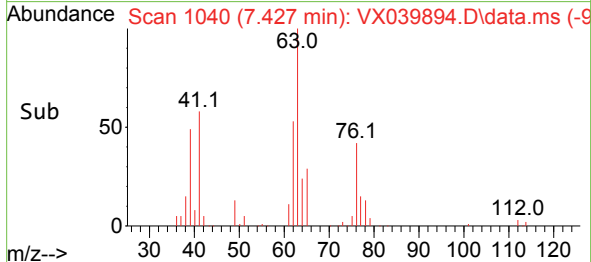
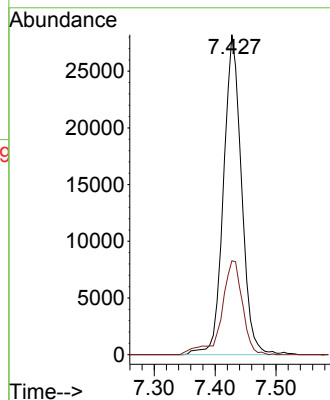
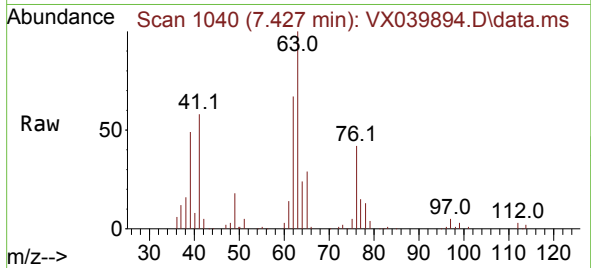




#45
1,2-Dichloropropane
Concen: 54.195 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

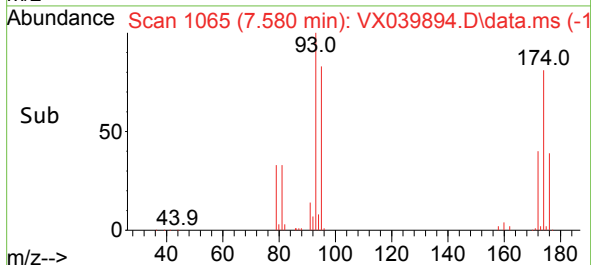
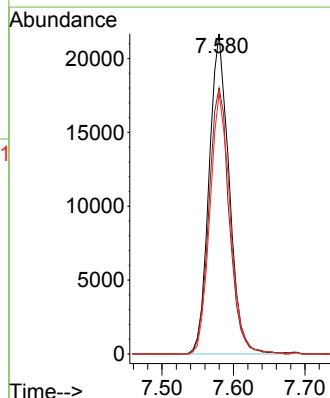
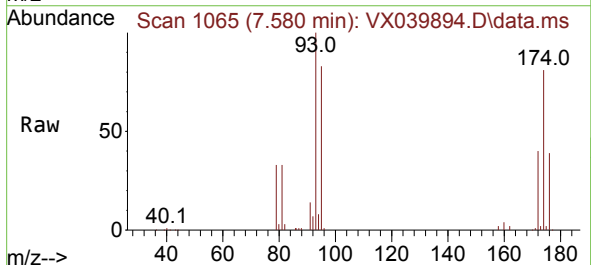
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

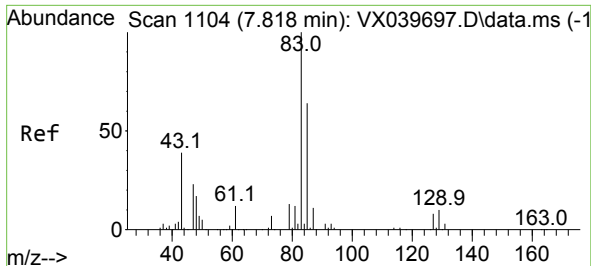
Tgt Ion: 63 Resp: 58011
Ion Ratio Lower Upper
63 100
65 29.4 24.3 36.5



#46
Dibromomethane
Concen: 57.043 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 93 Resp: 42174
Ion Ratio Lower Upper
93 100
95 84.5 66.6 100.0
174 82.4 69.4 104.0

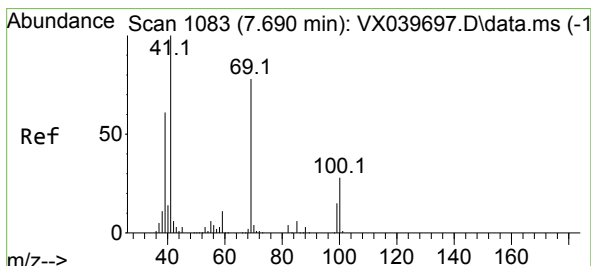
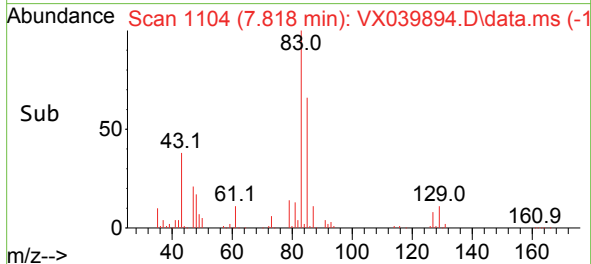
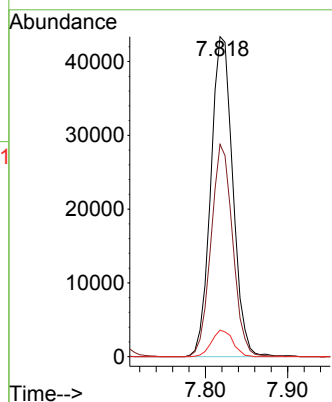
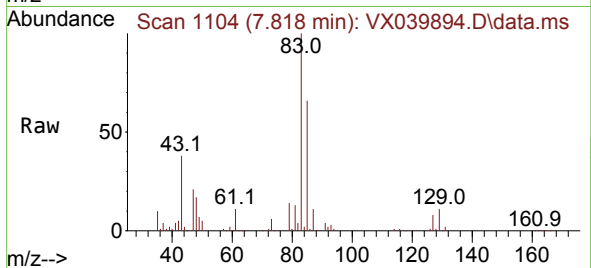




#47
Bromodichloromethane
Concen: 58.943 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

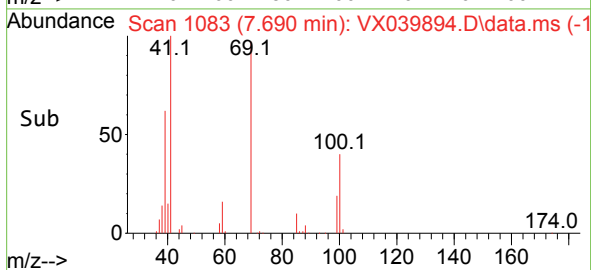
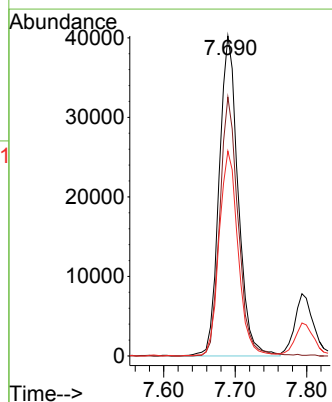
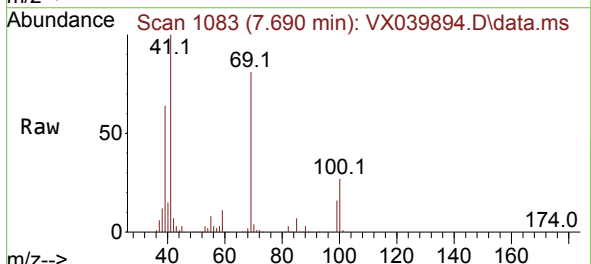
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

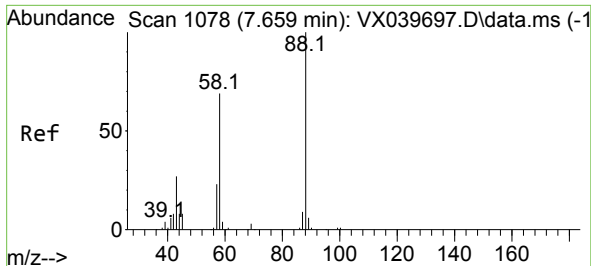
Tgt Ion: 83 Resp: 80710
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.6
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 54.701 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 41 Resp: 74149
Ion Ratio Lower Upper
41 100
69 78.5 59.2 88.8
39 64.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1060.383 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

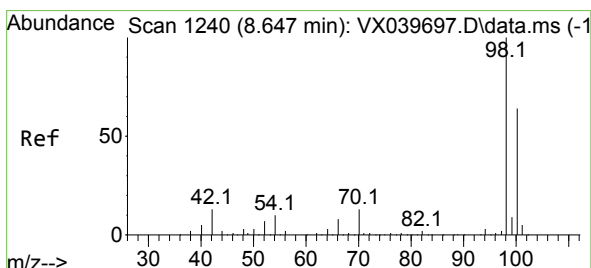
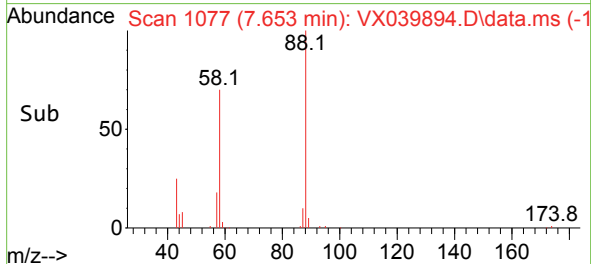
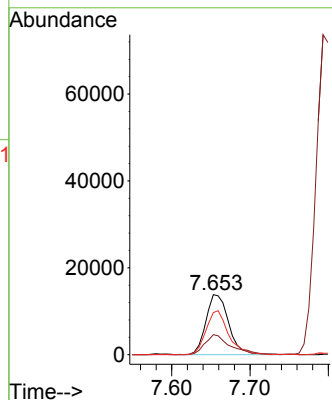
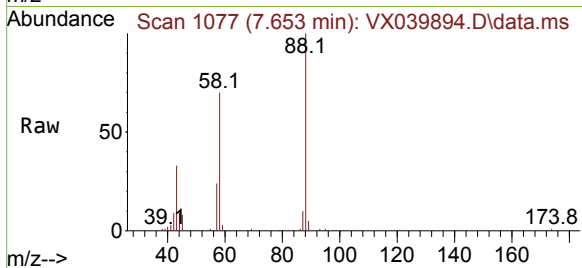
Tgt Ion: 88 Resp: 27813

Ion Ratio Lower Upper

88 100

43 38.0 0.0 0.0#

58 71.9 60.1 90.1



#50

Toluene-d8

Concen: 50.808 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039894.D

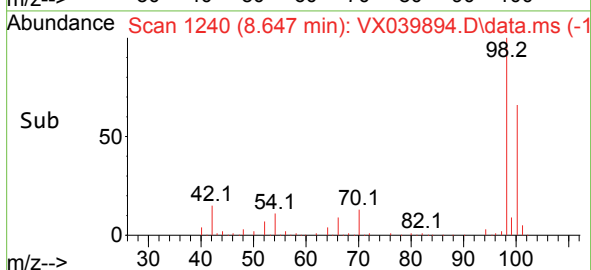
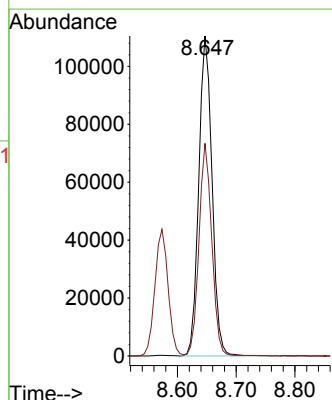
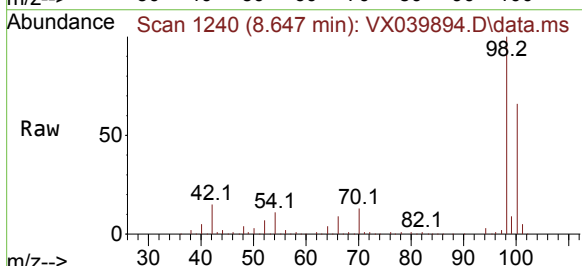
Acq: 22 Jan 2024 19:09

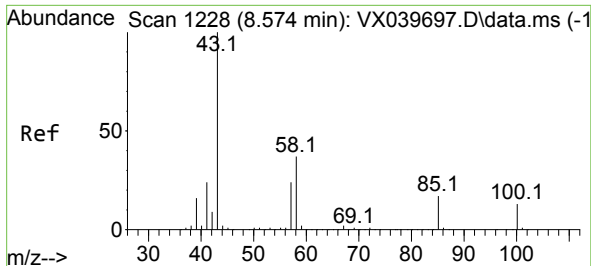
Tgt Ion: 98 Resp: 173483

Ion Ratio Lower Upper

98 100

100 63.8 53.1 79.7

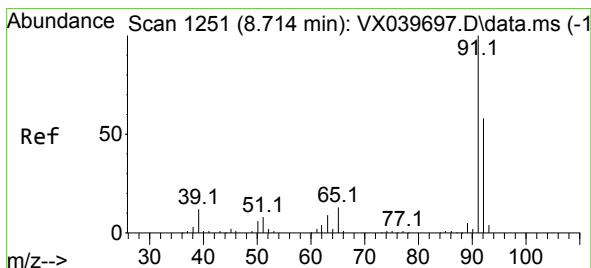
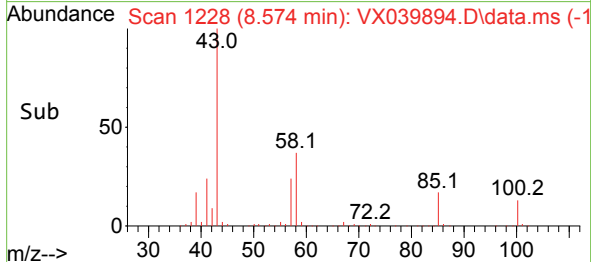
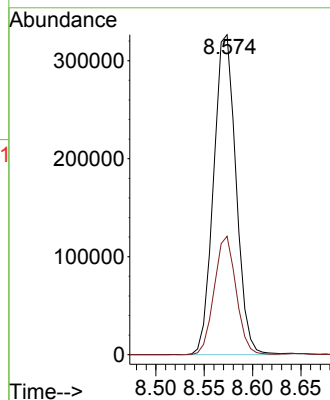
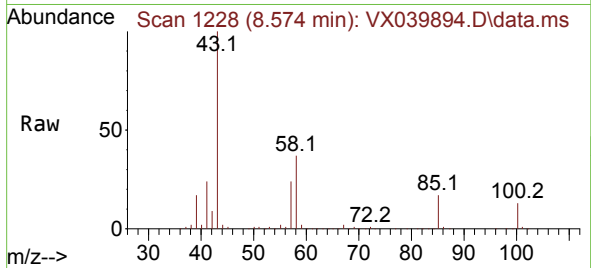




#51
4-Methyl-2-Pentanone
Concen: 277.100 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

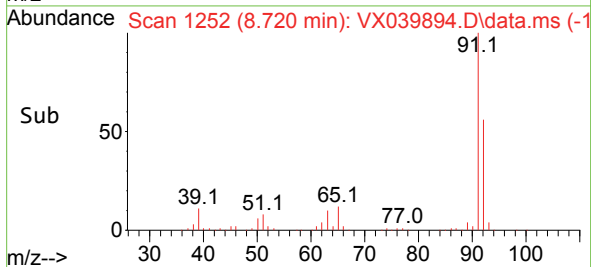
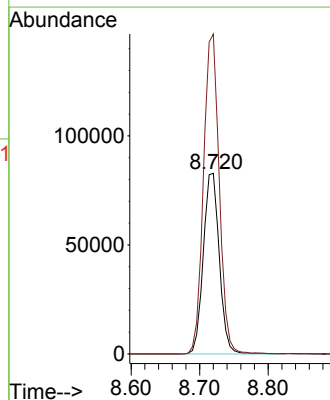
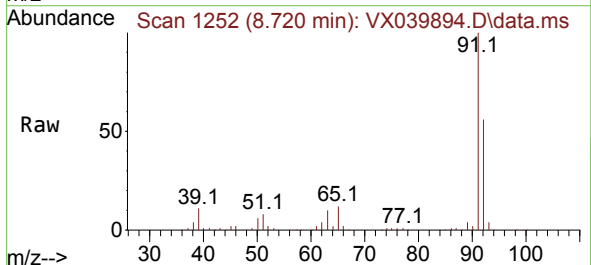
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

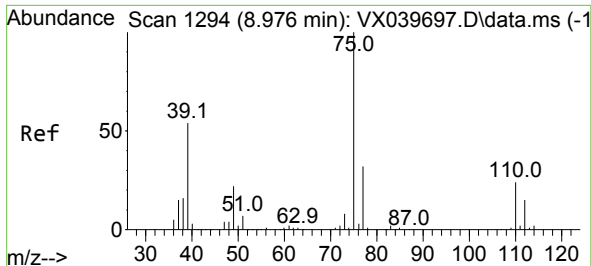
Tgt Ion: 43 Resp: 526298
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6



#52
Toluene
Concen: 56.561 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 92 Resp: 134805
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2

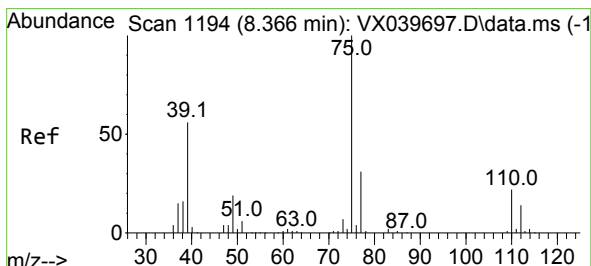
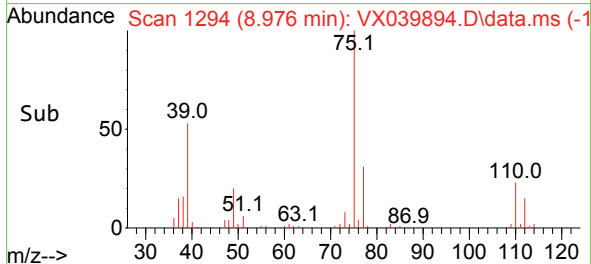
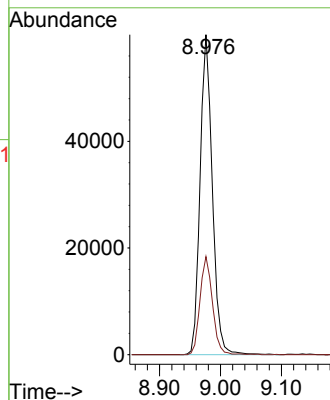
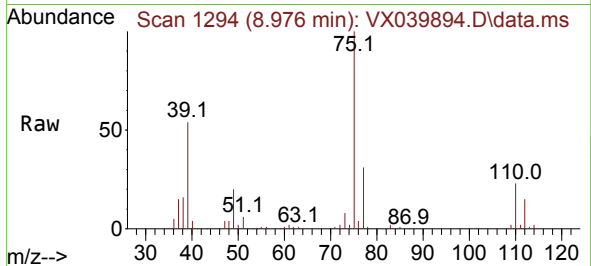




#53
 t-1,3-Dichloropropene
 Concen: 57.479 ug/l
 RT: 8.976 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09

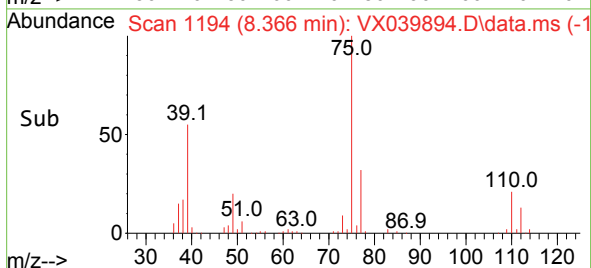
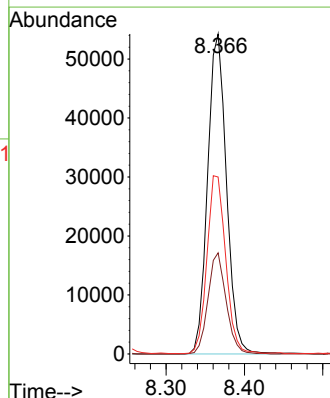
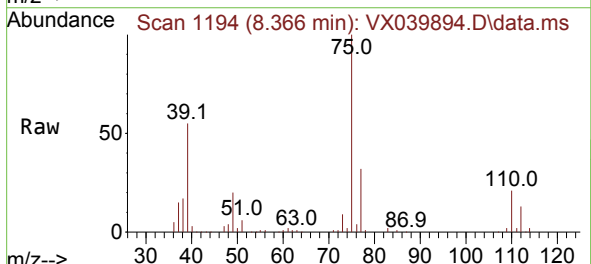
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

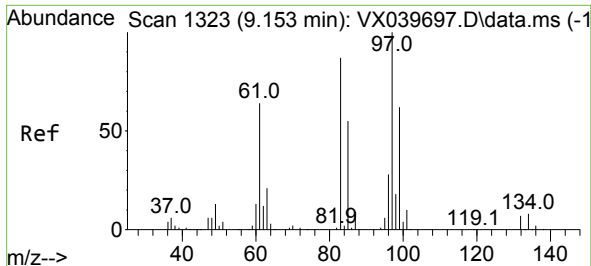
Tgt Ion: 75 Resp: 83516
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 56.656 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09

Tgt Ion: 75 Resp: 90518
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 55.2 46.7 70.1

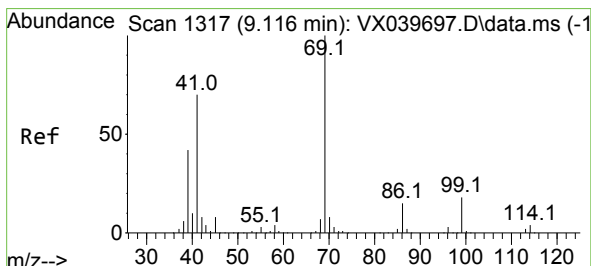
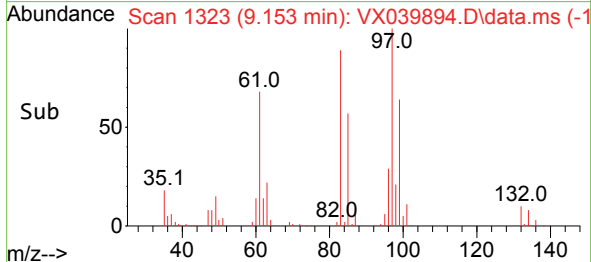
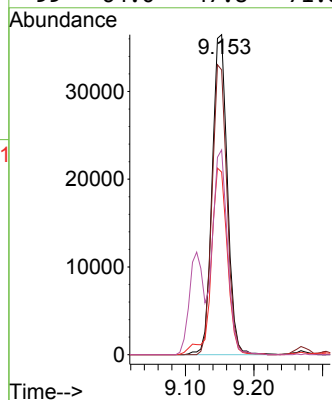
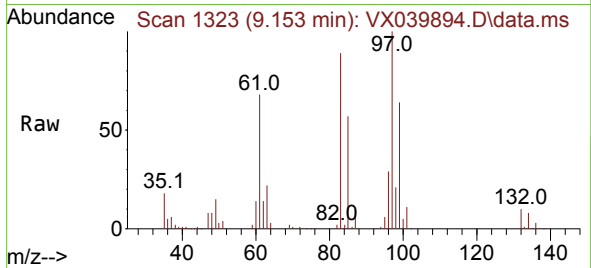




#55
1,1,2-Trichloroethane
Concen: 55.385 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

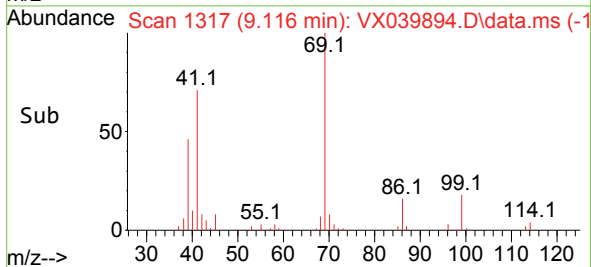
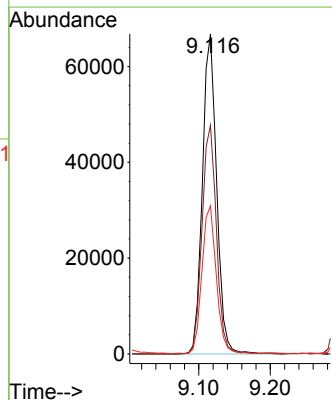
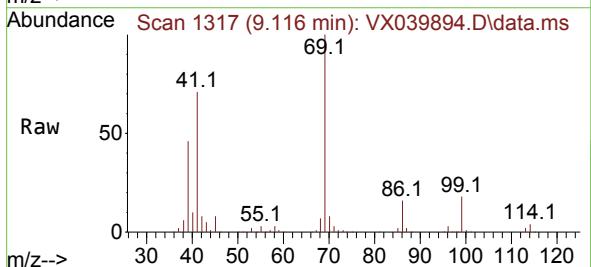
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

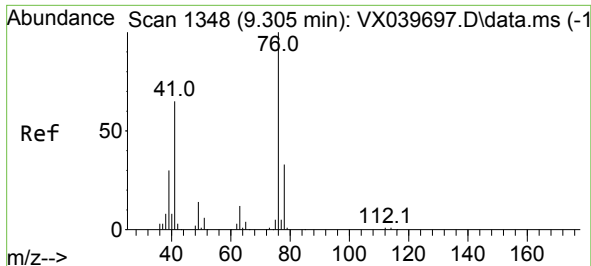
Tgt Ion:	97	Resp:	56200
Ion	Ratio	Lower	Upper
97	100		
83	89.0	65.8	98.8
85	57.0	41.6	62.4
99	64.0	47.8	71.8



#56
Ethyl methacrylate
Concen: 56.239 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:	69	Resp:	92362
Ion	Ratio	Lower	Upper
69	100		
41	72.5	56.8	85.2
39	46.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 56.144 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

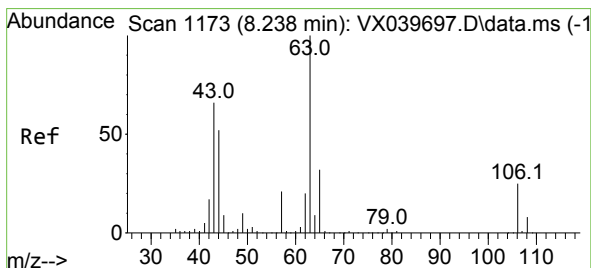
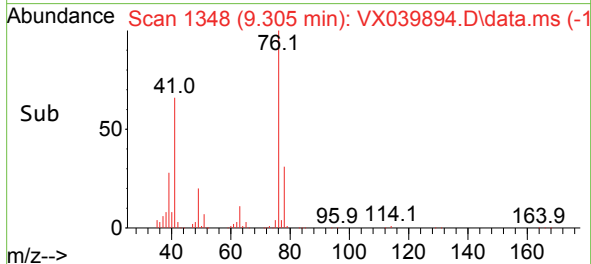
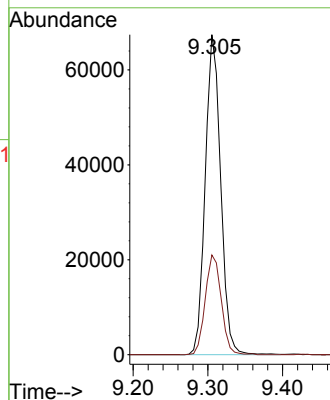
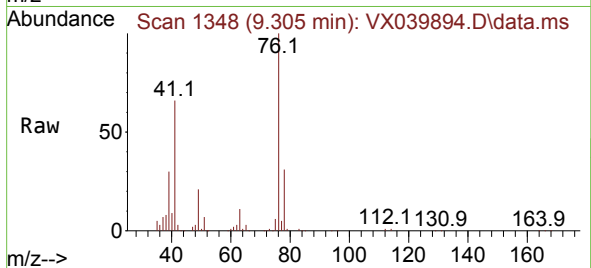
VSTDCCC050EC

Tgt Ion: 76 Resp: 96546

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 255.046 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039894.D

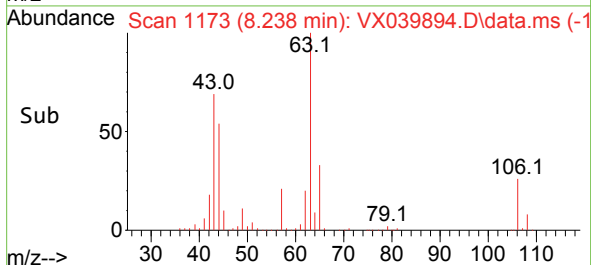
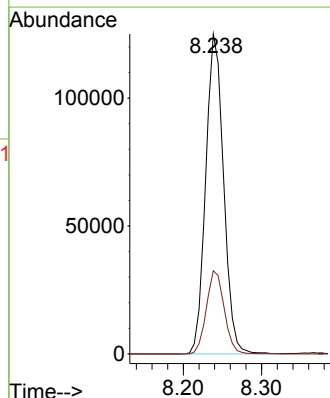
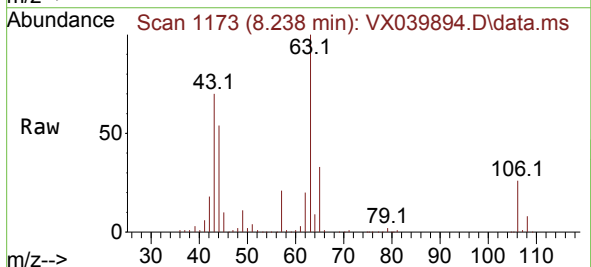
Acq: 22 Jan 2024 19:09

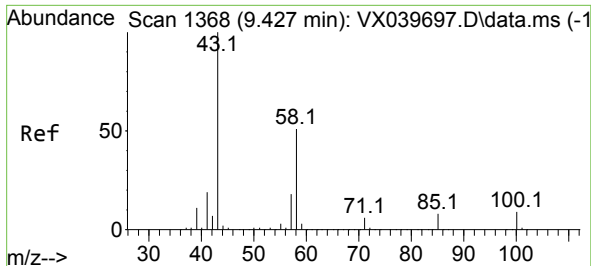
Tgt Ion: 63 Resp: 197986

Ion Ratio Lower Upper

63 100

106 26.0 22.5 33.7





#59

2-Hexanone

Concen: 282.715 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

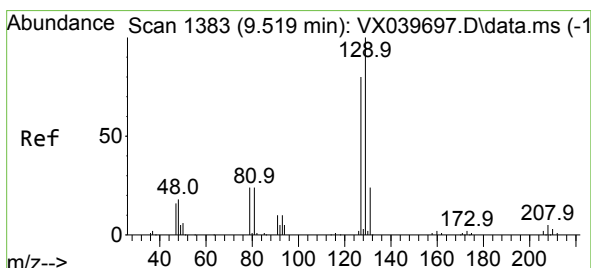
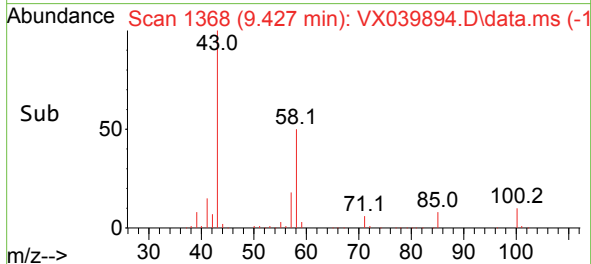
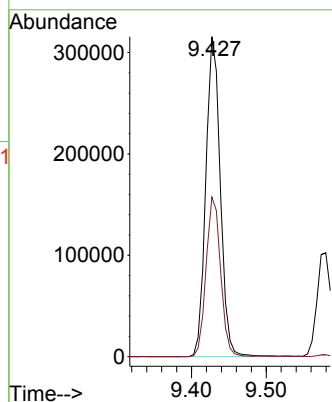
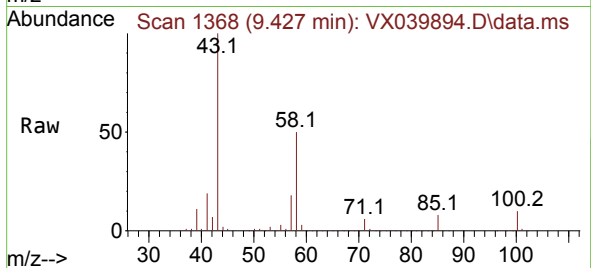
VSTDCCC050EC

Tgt Ion: 43 Resp: 424977

Ion Ratio Lower Upper

43 100

58 50.1 26.2 78.5



#60

Dibromochloromethane

Concen: 60.654 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039894.D

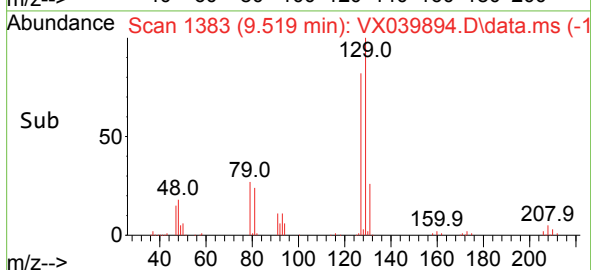
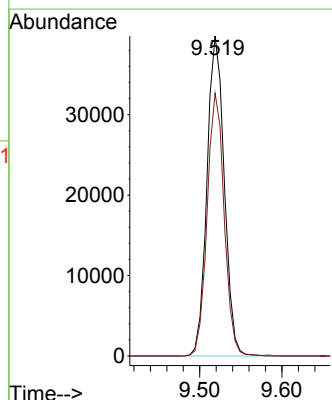
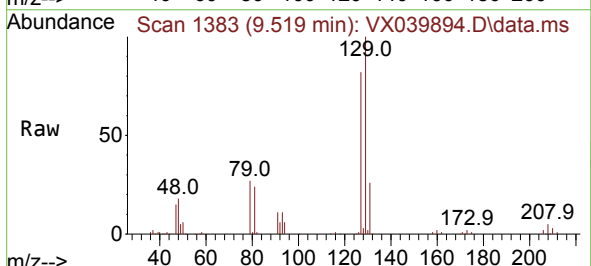
Acq: 22 Jan 2024 19:09

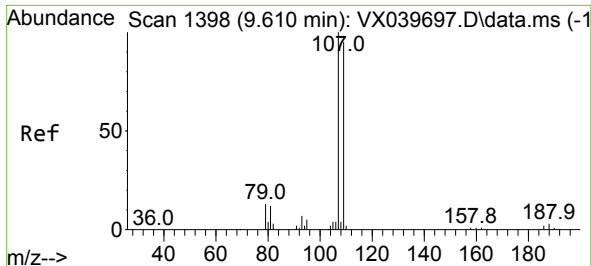
Tgt Ion: 129 Resp: 58042

Ion Ratio Lower Upper

129 100

127 80.8 38.8 116.4

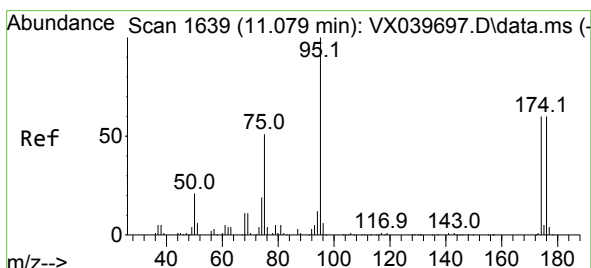
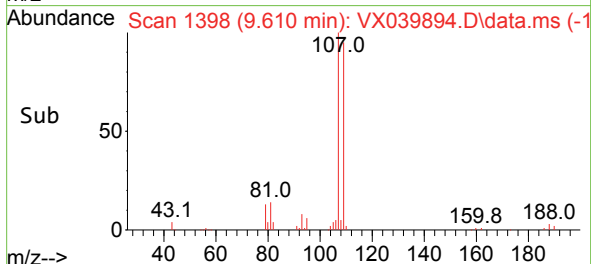
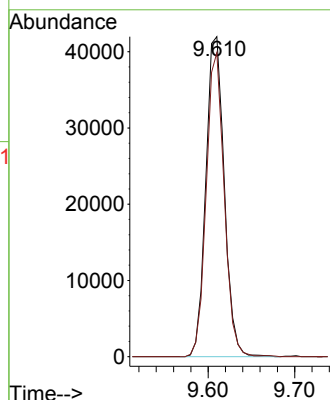
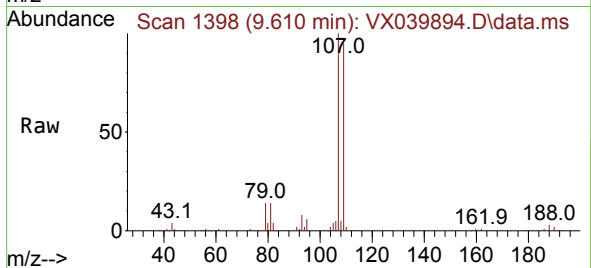




#61
1,2-Dibromoethane
Concen: 59.024 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

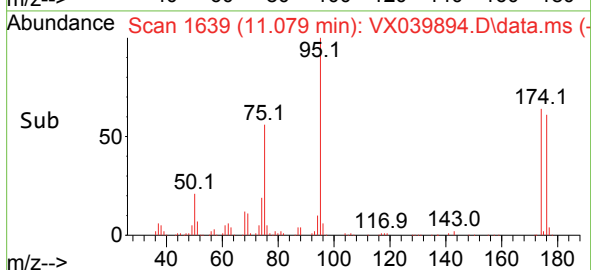
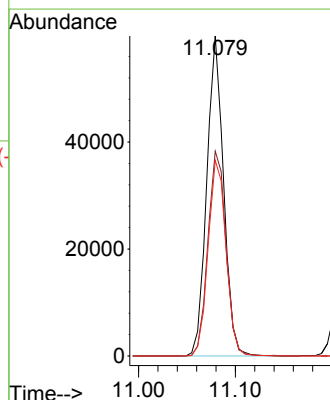
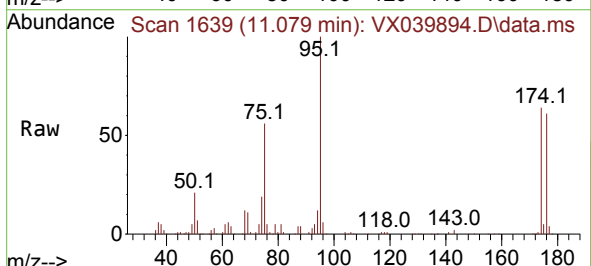
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

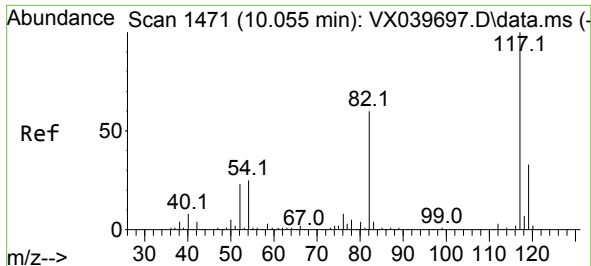
Tgt Ion:107 Resp: 62023
Ion Ratio Lower Upper
107 100
109 92.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 54.181 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 95 Resp: 72343
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.6
176 64.9 0.0 131.0

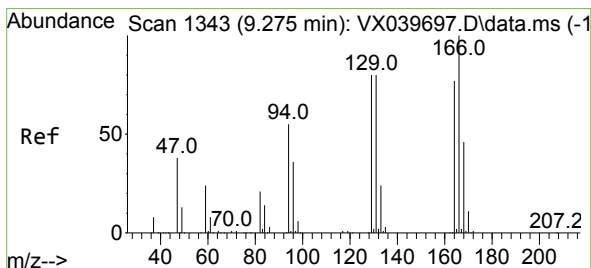
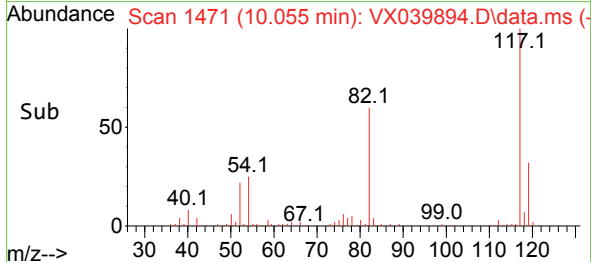
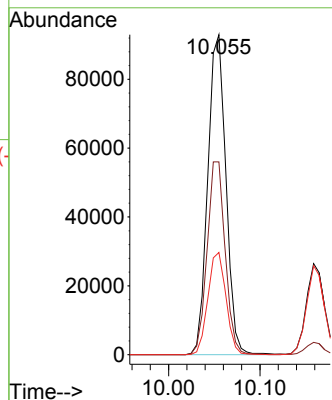
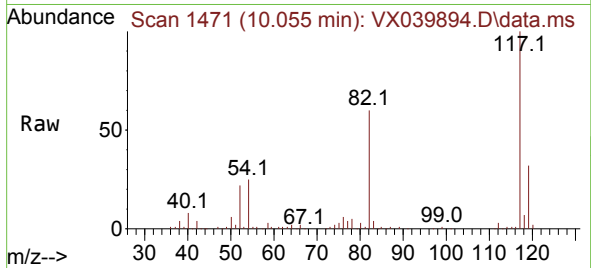




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

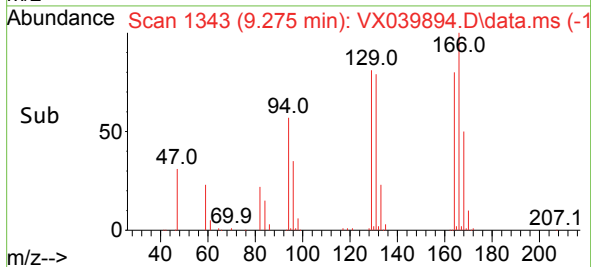
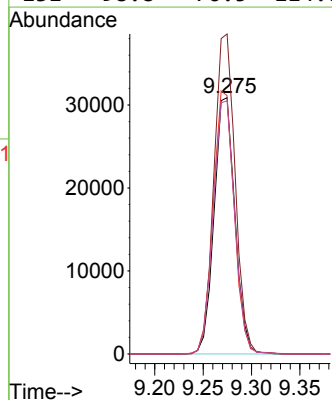
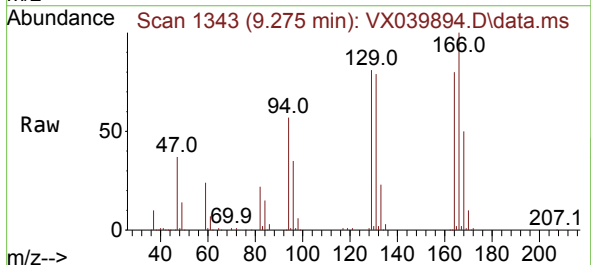
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

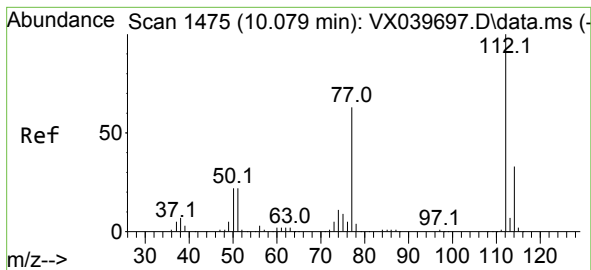
Tgt Ion:117 Resp: 127888
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 55.441 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:164 Resp: 46108
Ion Ratio Lower Upper
164 100
166 124.9 102.7 154.1
129 100.8 80.4 120.6
131 98.8 76.5 114.7

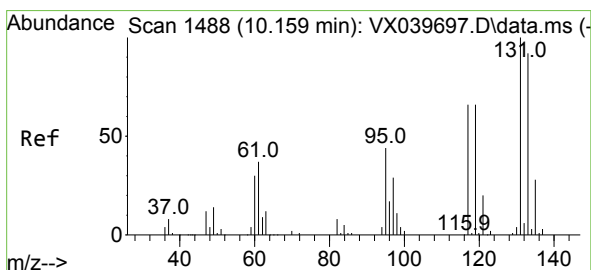
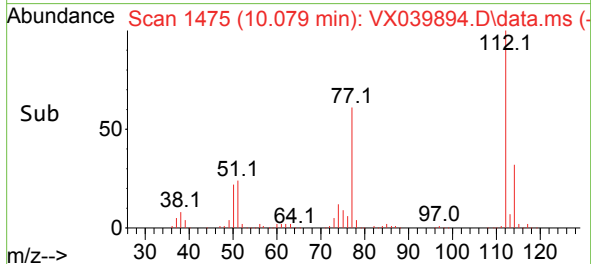
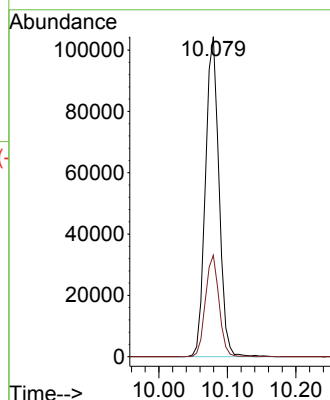
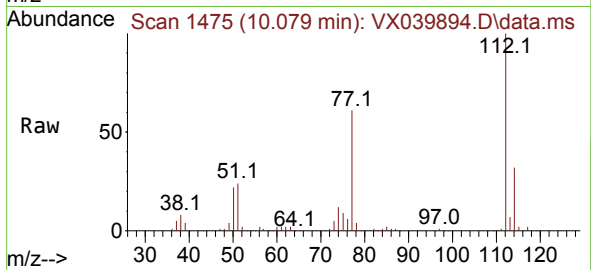




#65
Chlorobenzene
Concen: 54.075 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

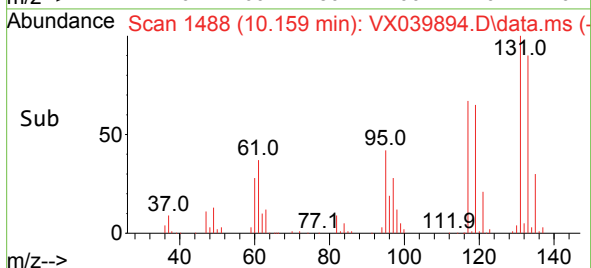
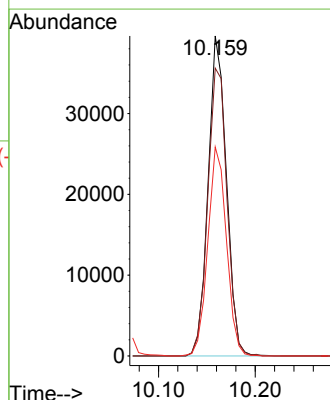
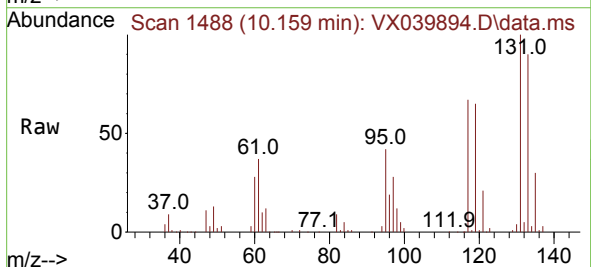
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

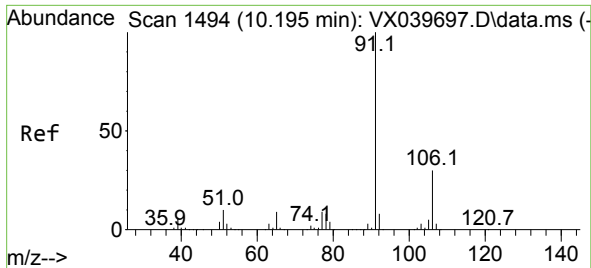
Tgt Ion:112 Resp: 144036
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.482 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:131 Resp: 52135
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 66.5 32.2 96.6

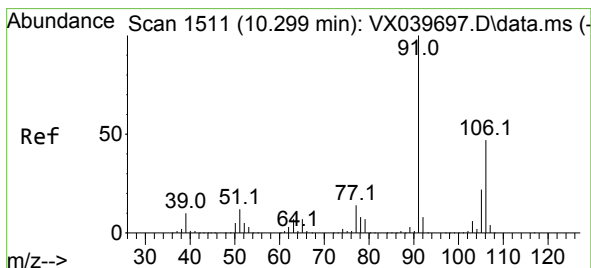
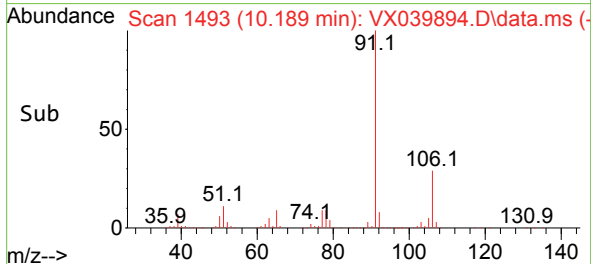
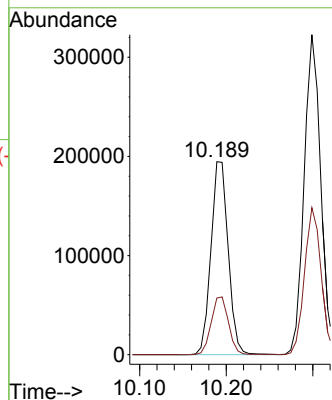
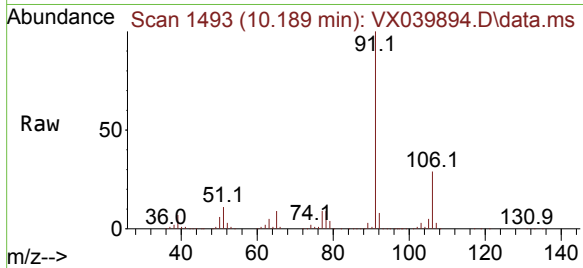




#67
Ethyl Benzene
Concen: 54.492 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

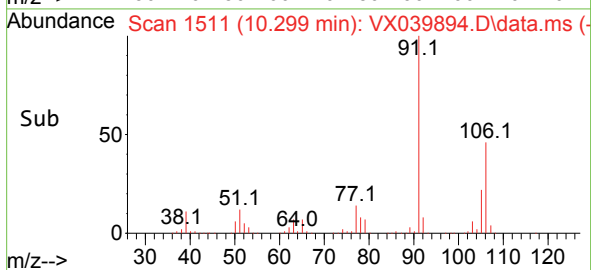
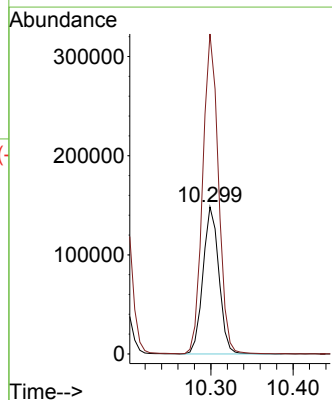
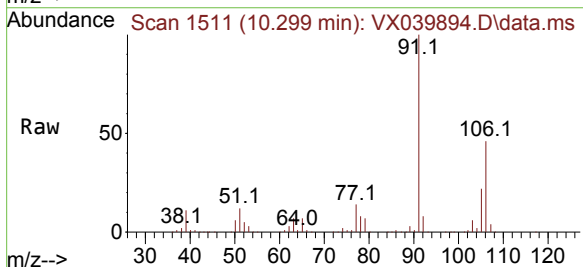
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

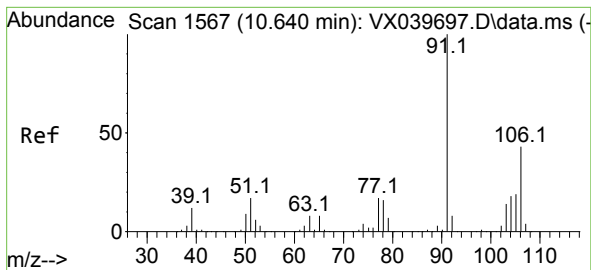
Tgt Ion: 91 Resp: 269473
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3



#68
m/p-Xylenes
Concen: 109.428 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 106 Resp: 199013
Ion Ratio Lower Upper
106 100
91 216.5 165.5 248.3

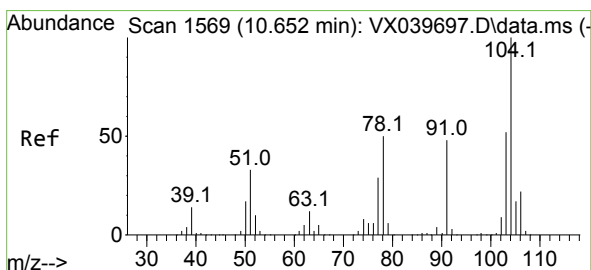
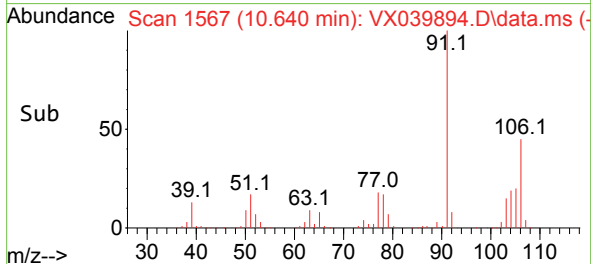
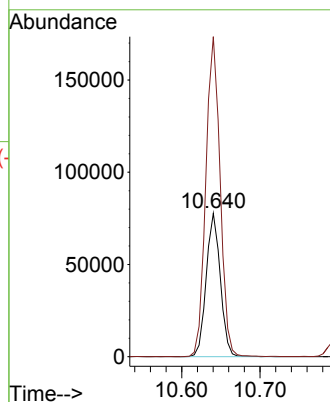
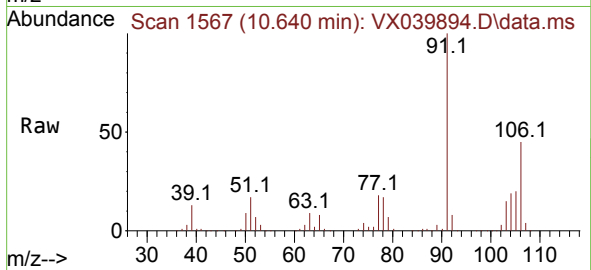




#69
o-Xylene
Concen: 53.751 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

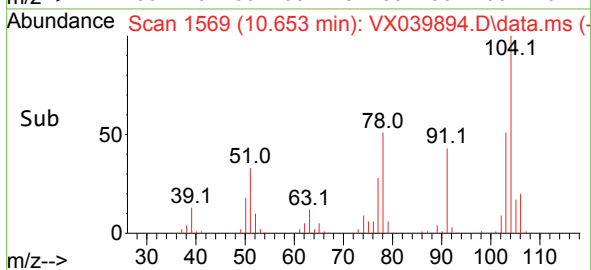
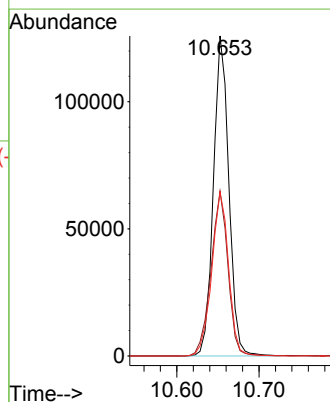
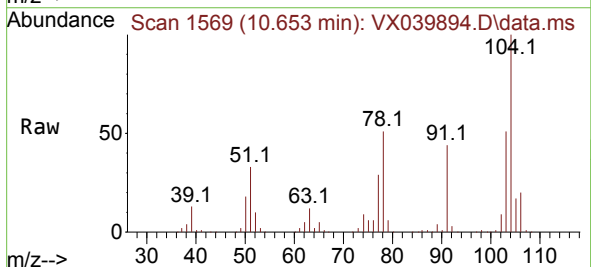
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

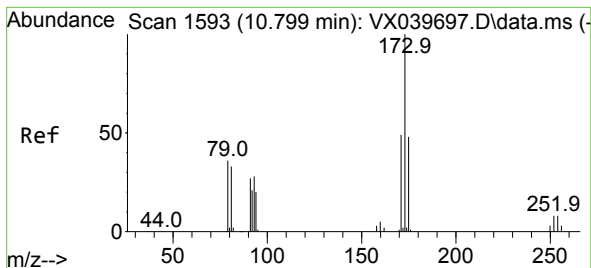
Tgt Ion:106 Resp: 96809
Ion Ratio Lower Upper
106 100
91 227.0 108.9 326.8



#70
Styrene
Concen: 55.754 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:104 Resp: 164036
Ion Ratio Lower Upper
104 100
78 56.7 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 60.414 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

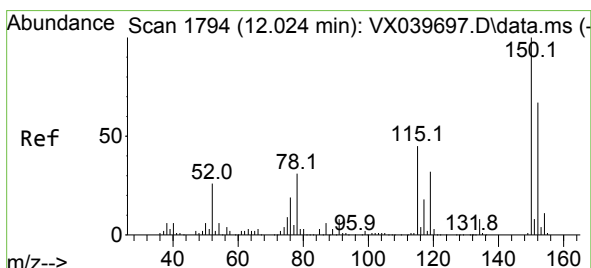
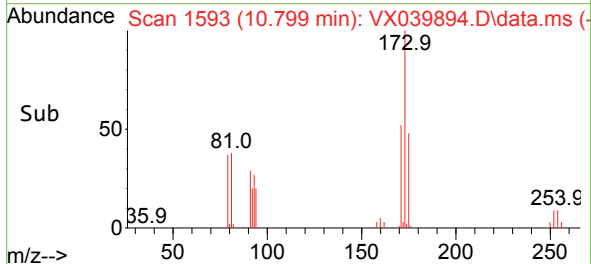
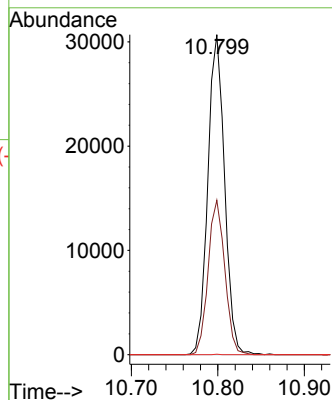
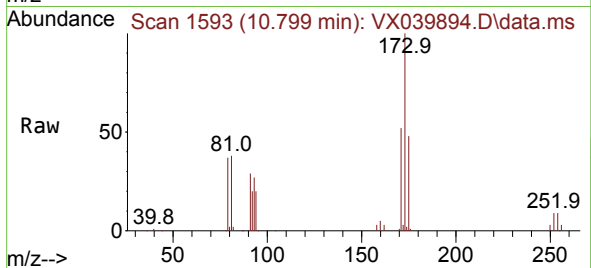
Tgt Ion:173 Resp: 41144

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

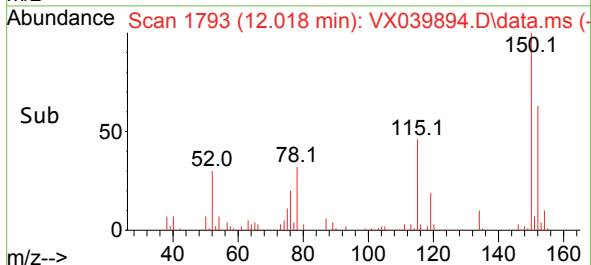
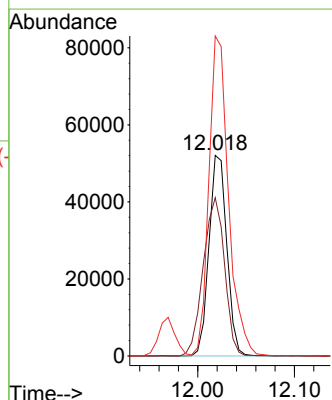
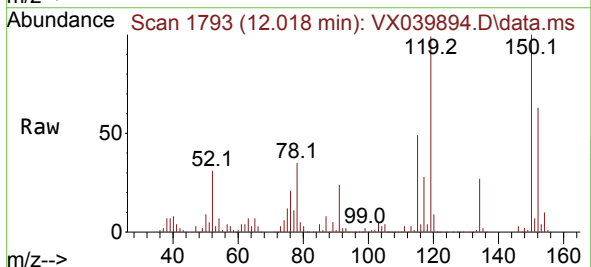
Tgt Ion:152 Resp: 66617

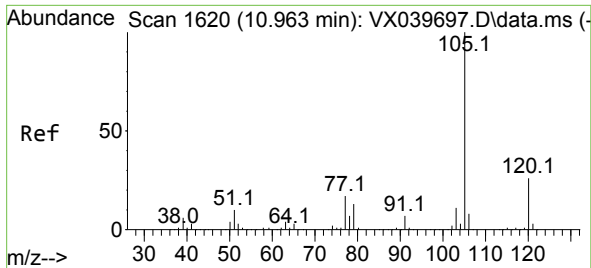
Ion Ratio Lower Upper

152 100

115 94.6 43.3 129.9

150 174.6 0.0 345.0

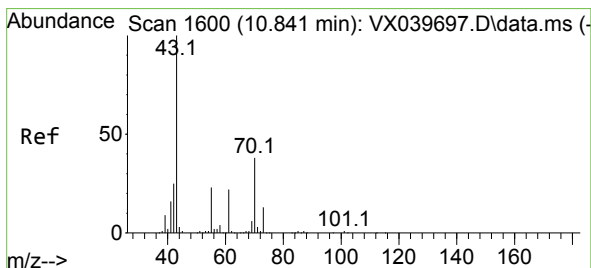
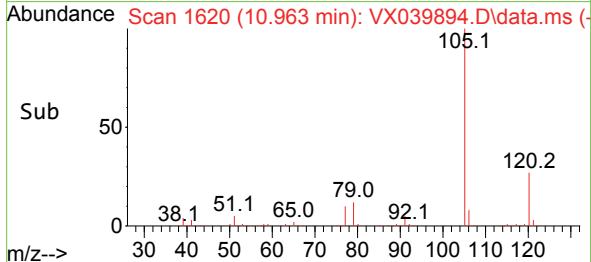
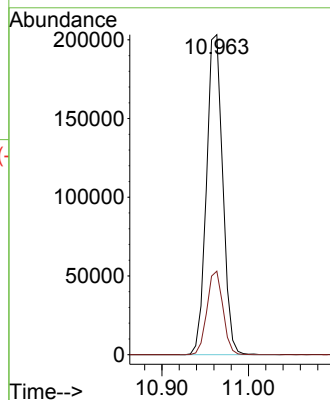
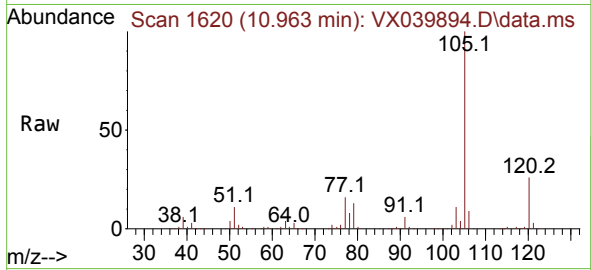




#73
Isopropylbenzene
Concen: 49.900 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

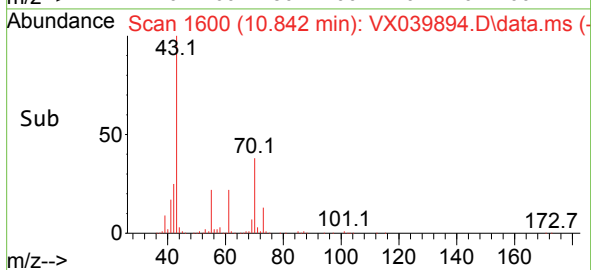
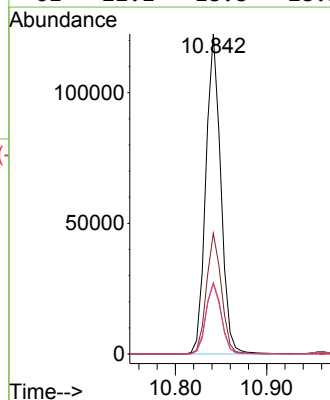
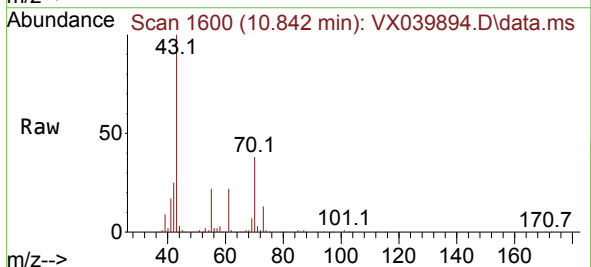
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

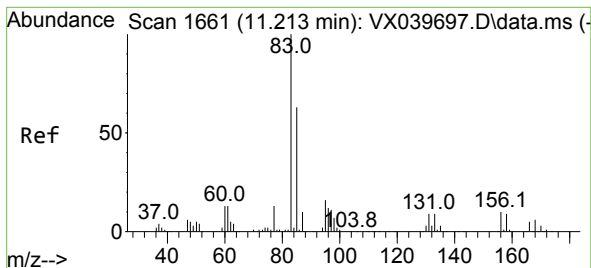
Tgt Ion:105 Resp: 264659
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#74
N-ethyl acetate
Concen: 50.356 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 43 Resp: 139217
Ion Ratio Lower Upper
43 100
70 37.7 32.9 49.3
55 23.3 19.3 28.9
61 22.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.090 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

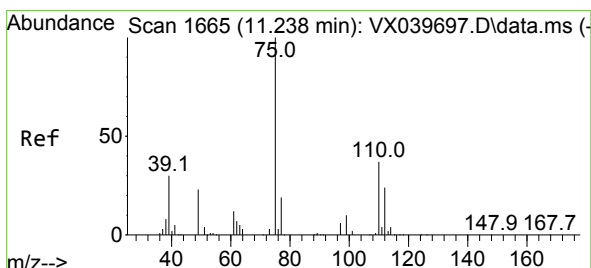
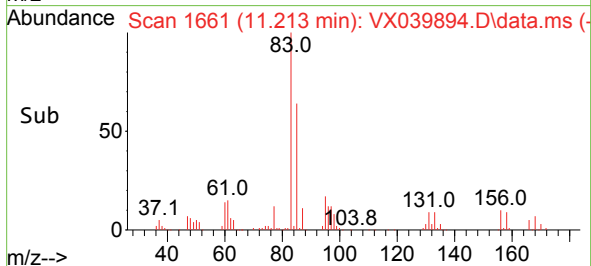
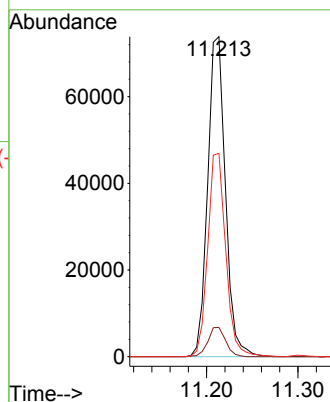
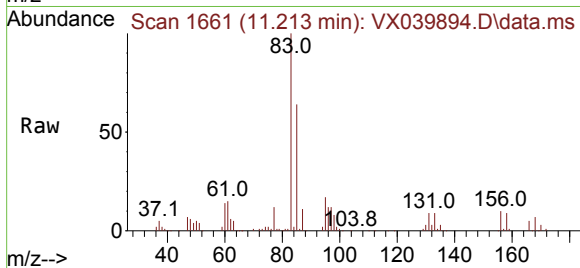
Tgt Ion: 83 Resp: 99421

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.8

85 64.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 63.515 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039894.D

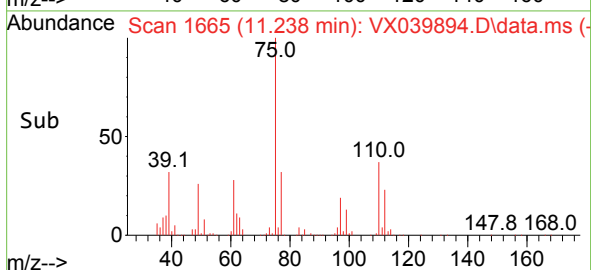
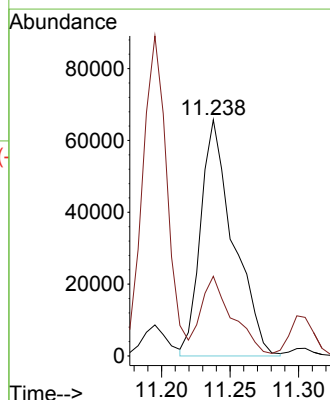
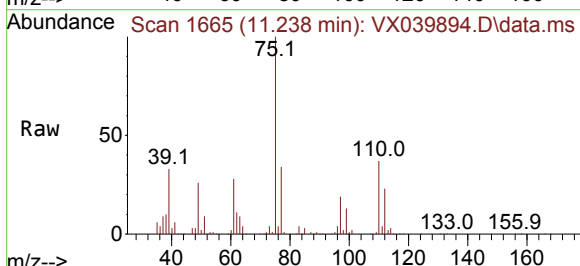
Acq: 22 Jan 2024 19:09

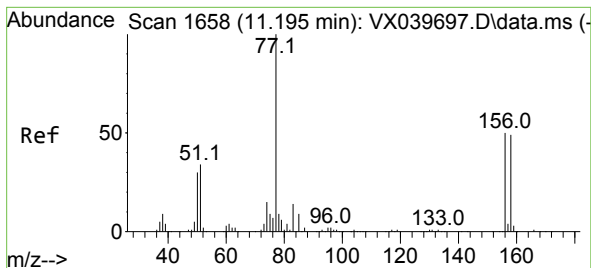
Tgt Ion: 75 Resp: 109697

Ion Ratio Lower Upper

75 100

77 32.5 19.1 57.5





#77

Bromobenzene

Concen: 49.662 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

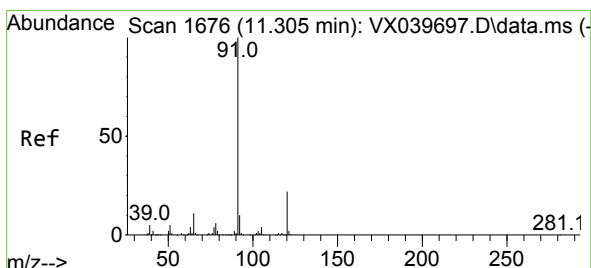
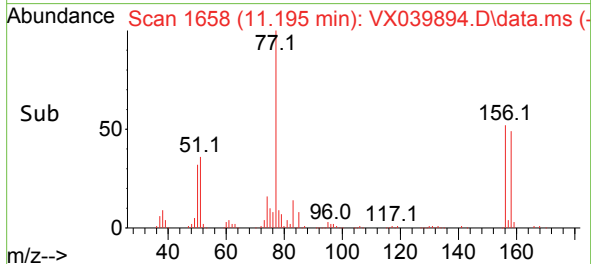
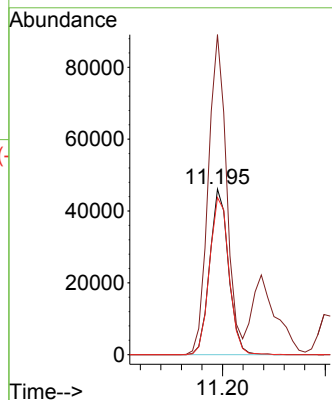
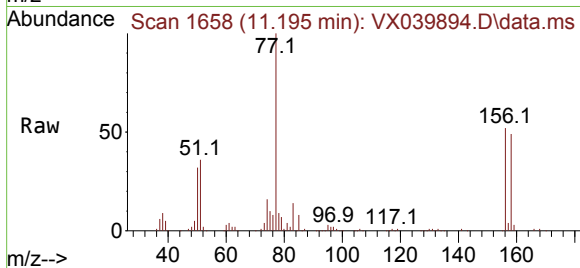
Tgt Ion:156 Resp: 58647

Ion Ratio Lower Upper

156 100

77 189.0 88.4 265.3

158 98.4 48.0 144.0



#78

n-propylbenzene

Concen: 50.932 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039894.D

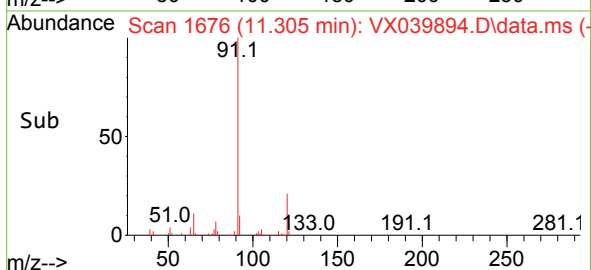
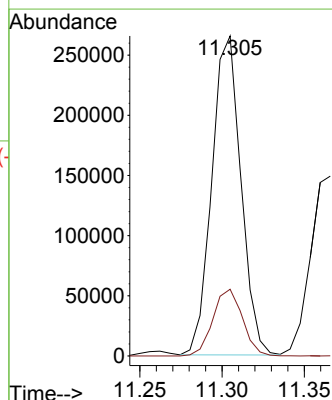
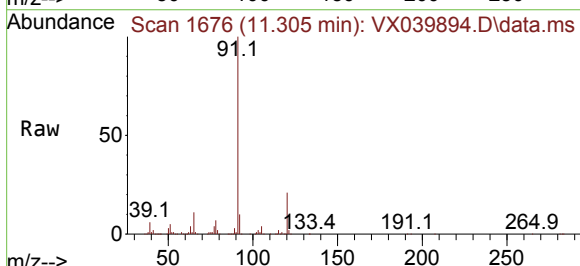
Acq: 22 Jan 2024 19:09

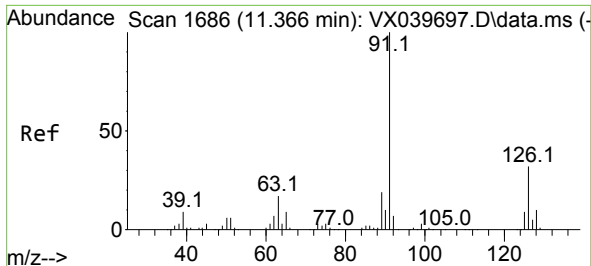
Tgt Ion: 91 Resp: 326952

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4

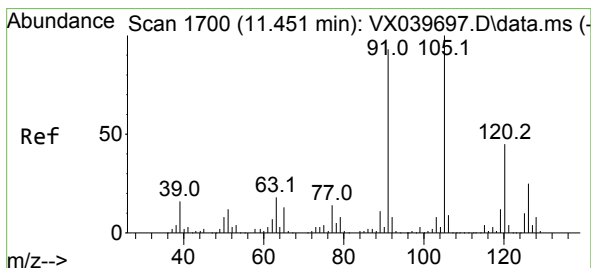
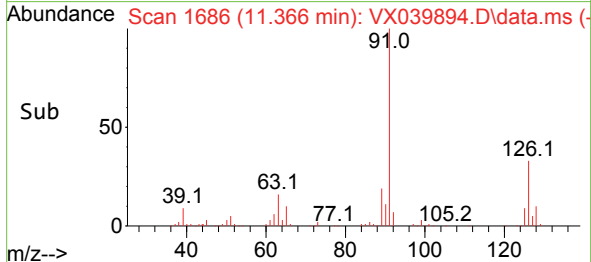
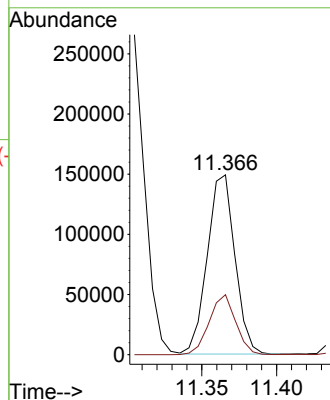
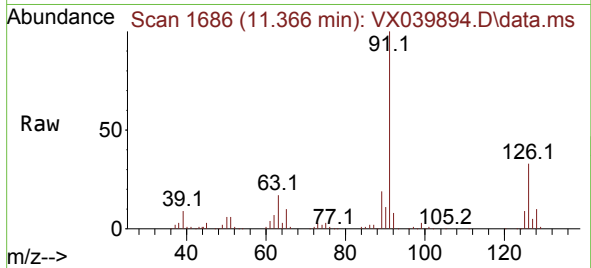




#79
2-Chlorotoluene
Concen: 48.364 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

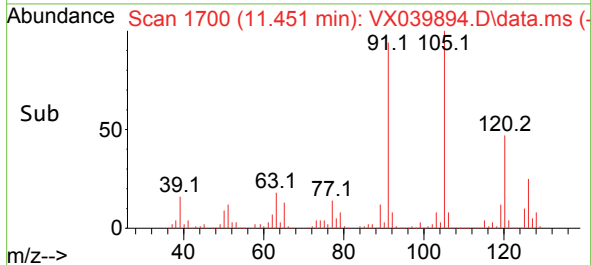
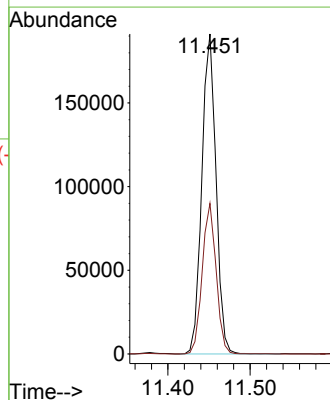
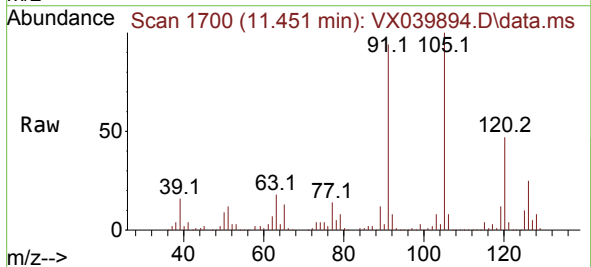
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

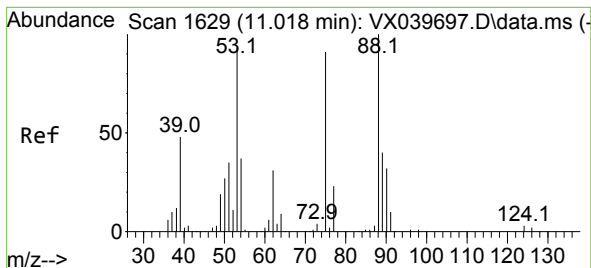
Tgt Ion: 91 Resp: 191887
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.836 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 105 Resp: 228994
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3

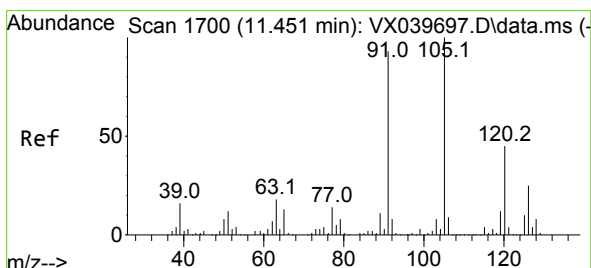
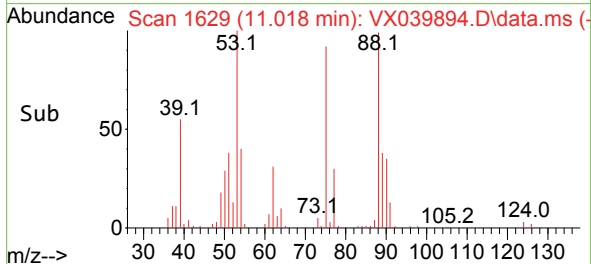
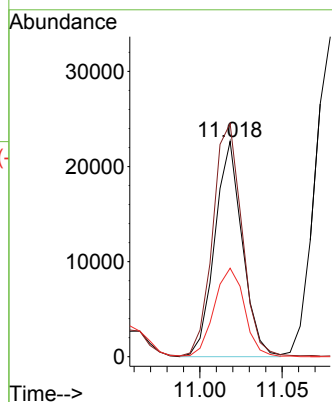
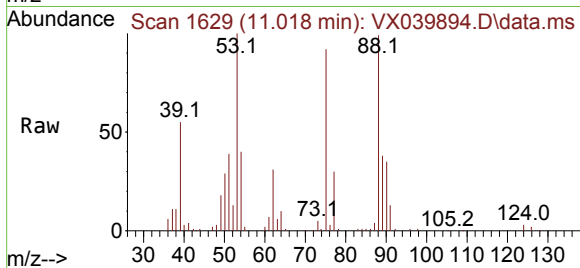




#81
trans-1,4-Dichloro-2-butene
Concen: 46.152 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

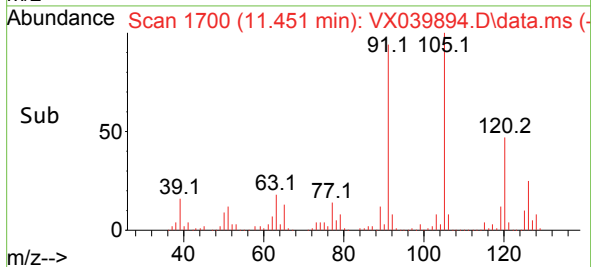
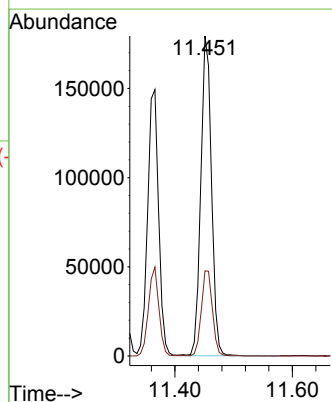
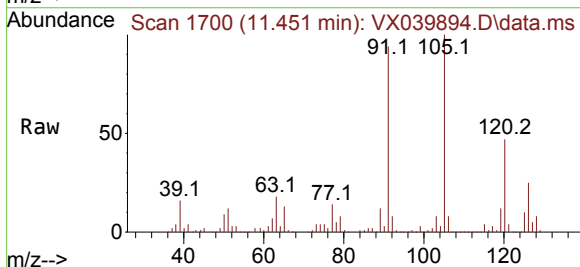
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

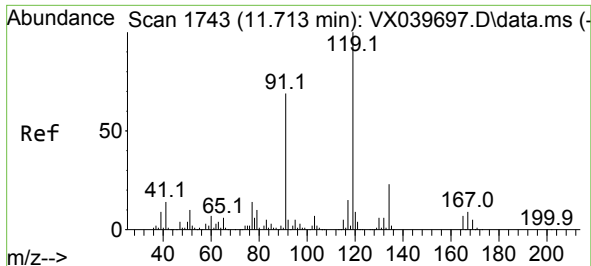
Tgt Ion: 75 Resp: 26467
Ion Ratio Lower Upper
75 100
53 115.6 90.5 135.7
89 44.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.356 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 91 Resp: 226620
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6

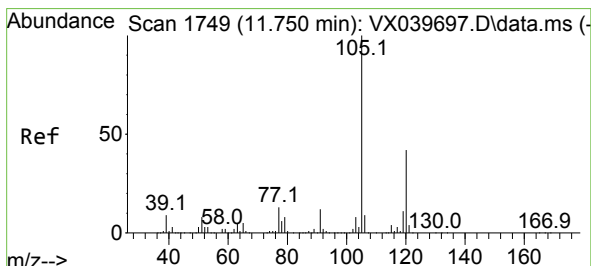
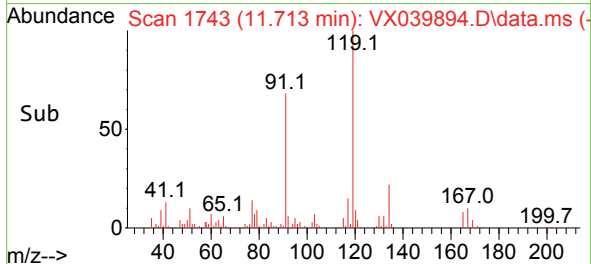
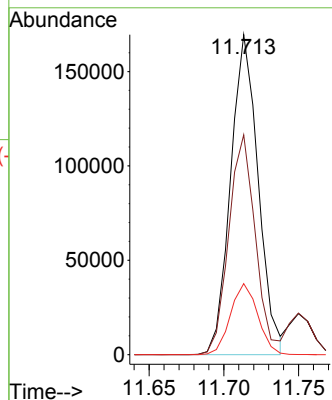
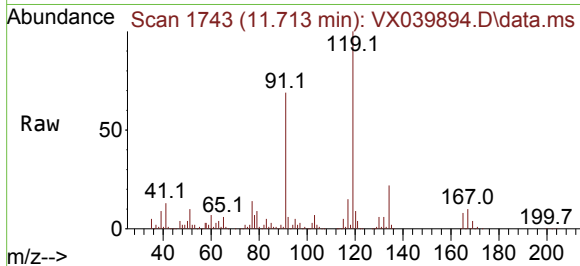




#83
tert-Butylbenzene
Concen: 50.635 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

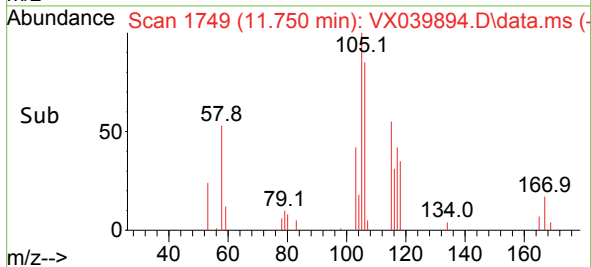
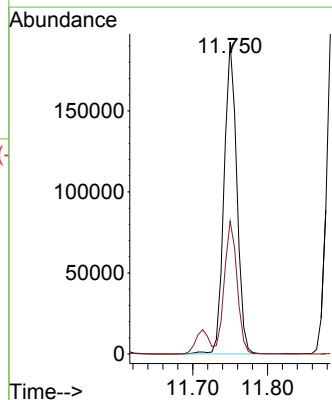
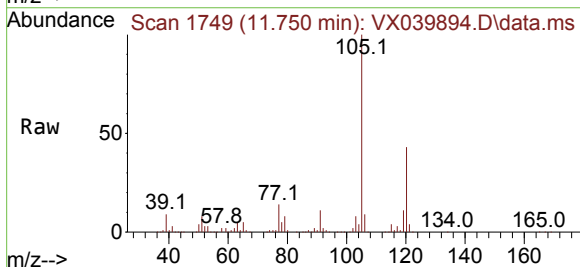
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

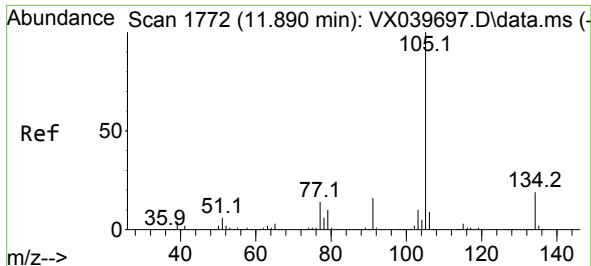
Tgt Ion:119 Resp: 217762
Ion Ratio Lower Upper
119 100
91 66.6 31.2 93.6
134 22.0 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 50.987 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion:105 Resp: 229139
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6

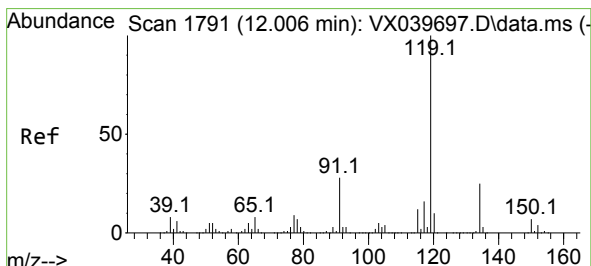
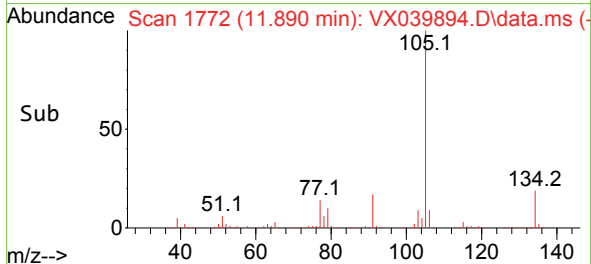
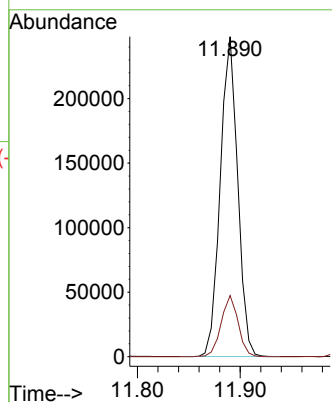
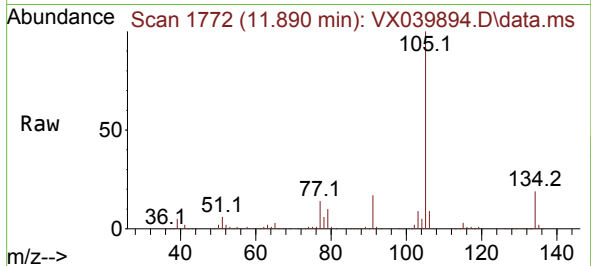




#85
 sec-Butylbenzene
 Concen: 52.051 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09

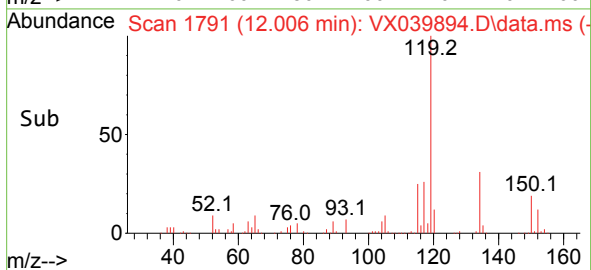
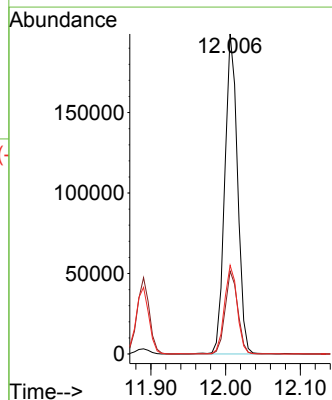
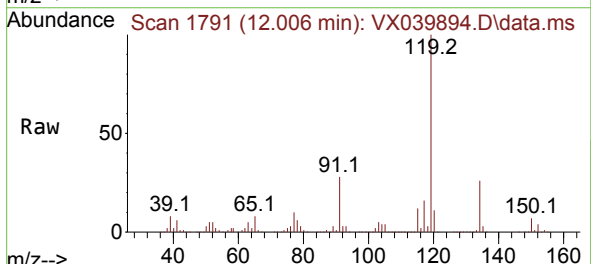
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

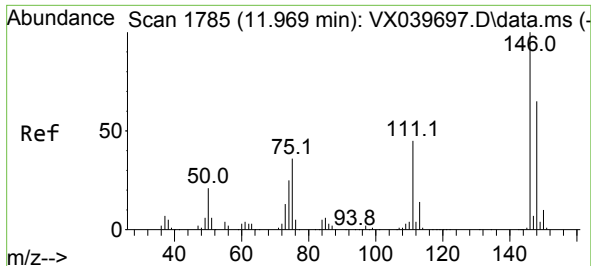
Tgt Ion:105 Resp: 290580
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 53.071 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09

Tgt Ion:119 Resp: 236792
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.3
 91 27.4 13.1 39.3

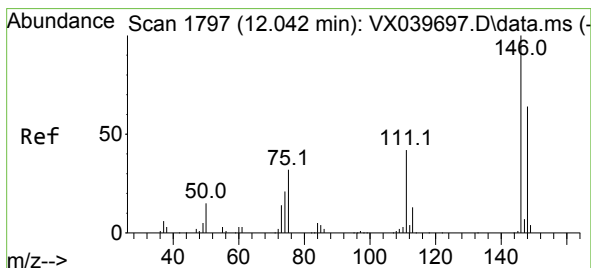
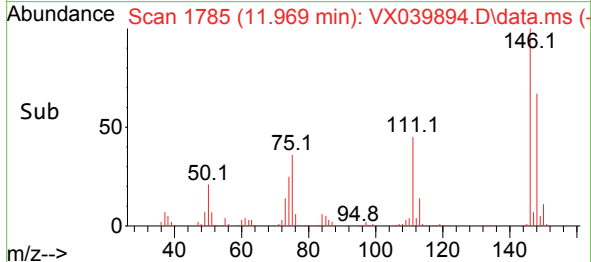
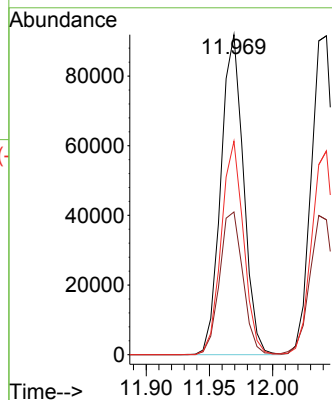
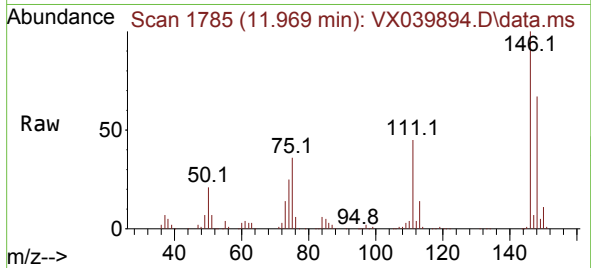




#87
 1,3-Dichlorobenzene
 Concen: 50.549 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09

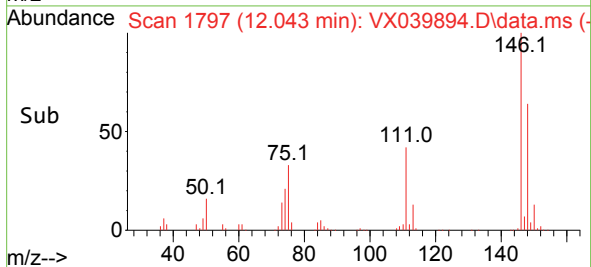
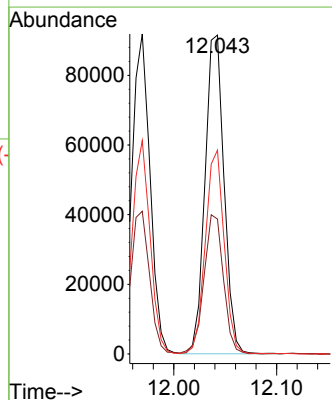
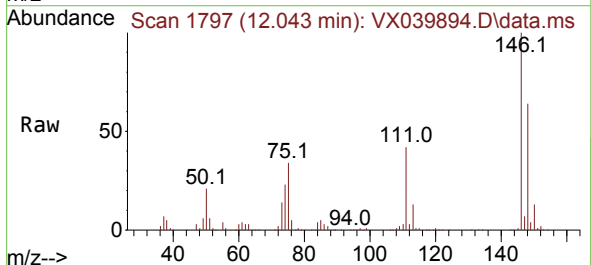
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

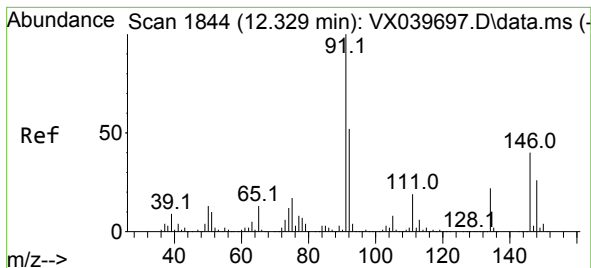
Tgt Ion:146 Resp: 114427
 Ion Ratio Lower Upper
 146 100
 111 46.0 22.1 66.1
 148 65.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.482 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX039894.D
 Acq: 22 Jan 2024 19:09

Tgt Ion:146 Resp: 118026
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.3 63.7
 148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 53.177 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

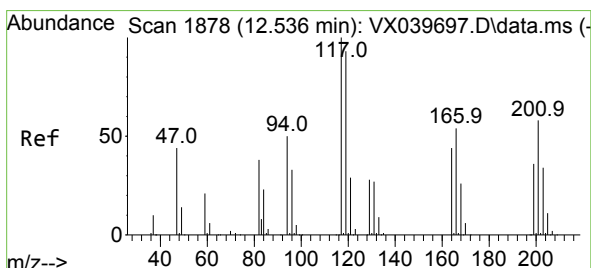
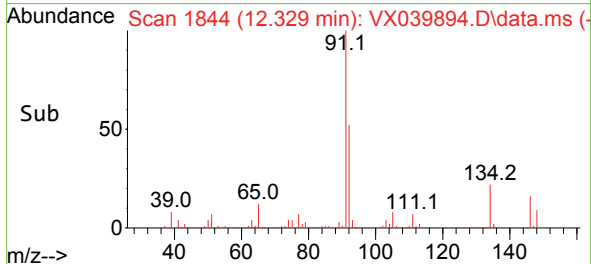
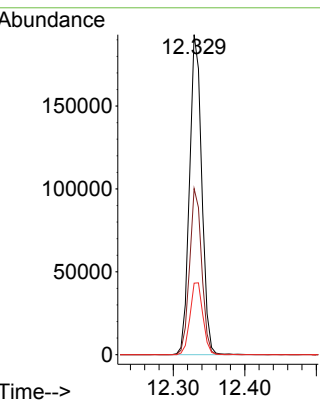
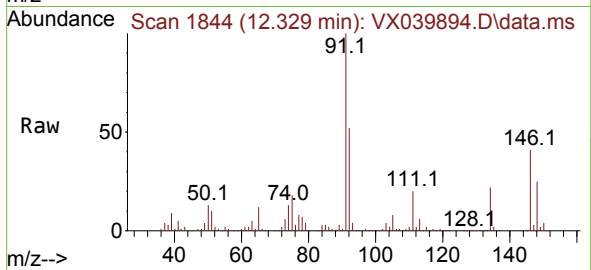
Tgt Ion: 91 Resp: 229161

Ion Ratio Lower Upper

91 100

92 51.4 27.4 82.0

134 23.7 12.6 37.8



#90

Hexachloroethane

Concen: 53.796 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039894.D

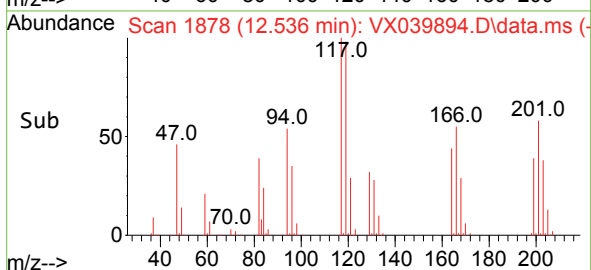
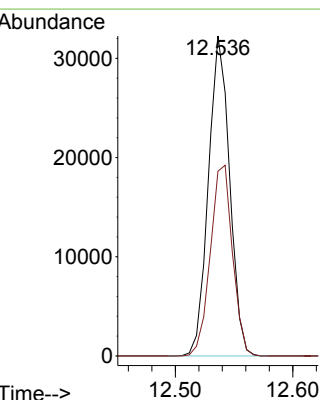
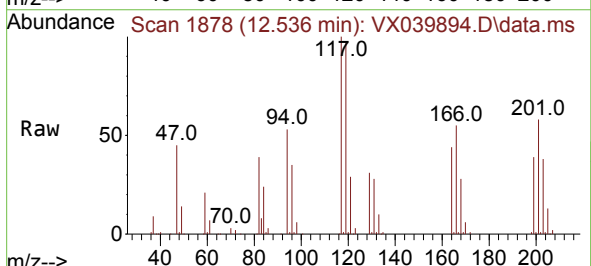
Acq: 22 Jan 2024 19:09

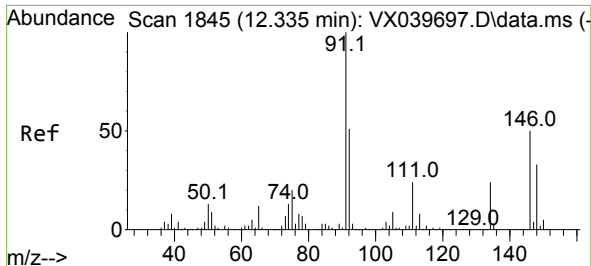
Tgt Ion: 117 Resp: 40493

Ion Ratio Lower Upper

117 100

201 62.4 32.9 98.6

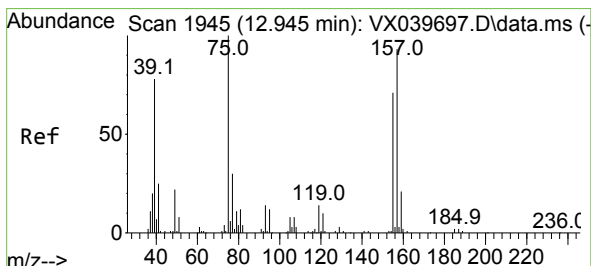
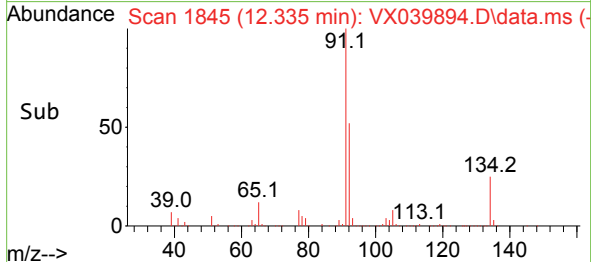
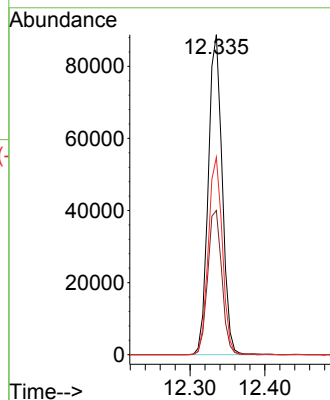
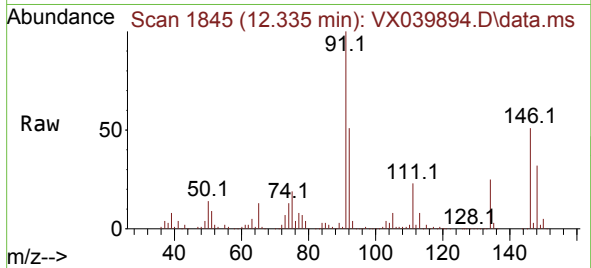




#91
1,2-Dichlorobenzene
Concen: 51.276 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

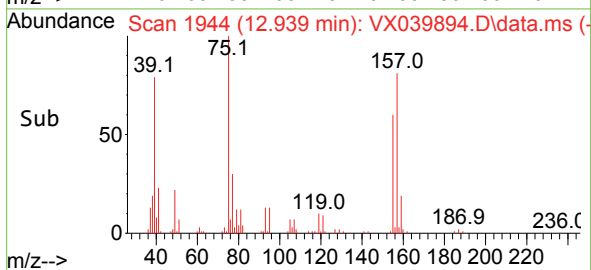
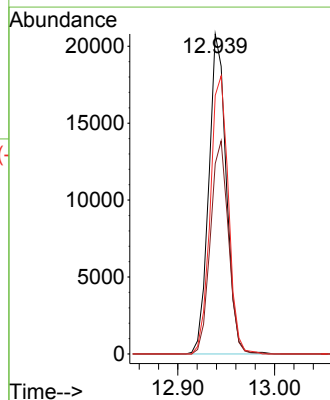
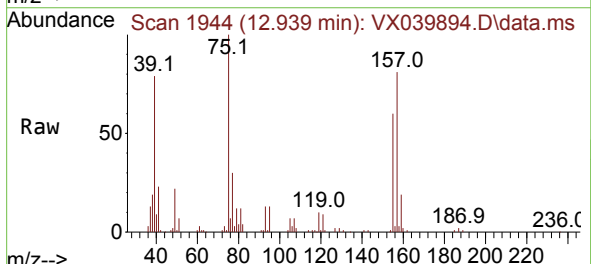
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

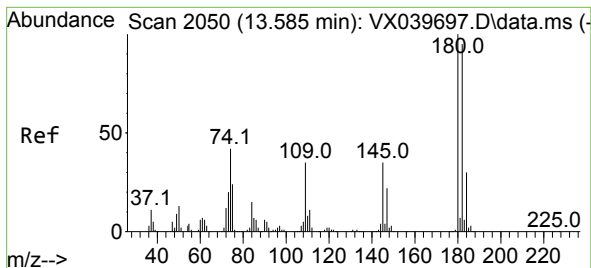
Tgt Ion:146 Resp: 114752
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 62.0 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.865 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX039894.D
Acq: 22 Jan 2024 19:09

Tgt Ion: 75 Resp: 26236
Ion Ratio Lower Upper
75 100
155 68.0 36.1 108.5
157 89.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.090 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

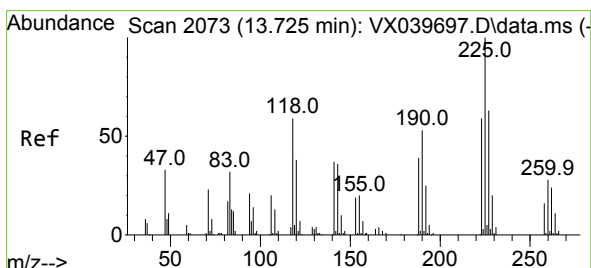
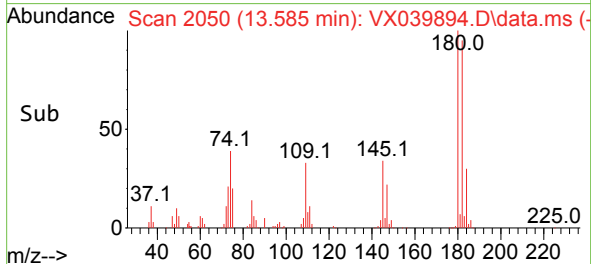
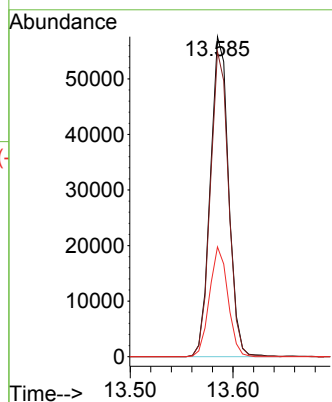
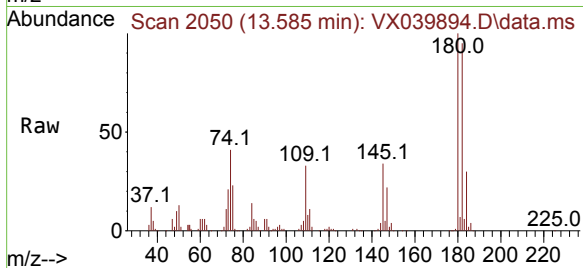
Tgt Ion:180 Resp: 71240

Ion Ratio Lower Upper

180 100

182 95.3 48.3 144.8

145 34.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 51.793 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

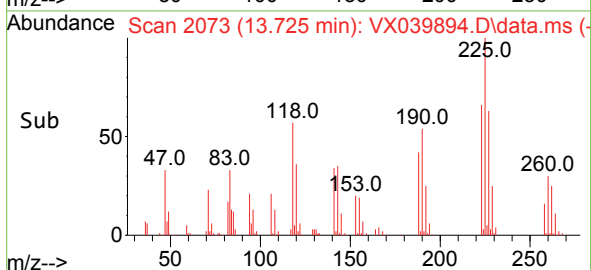
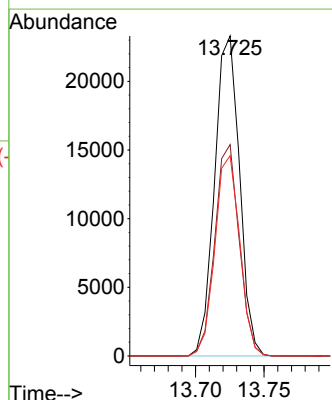
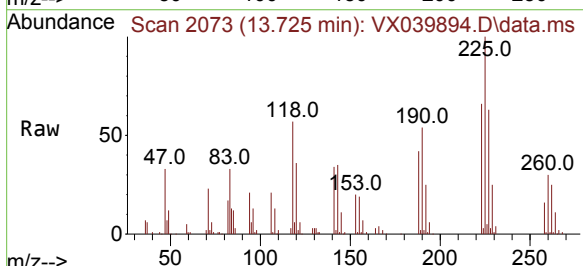
Tgt Ion:225 Resp: 29445

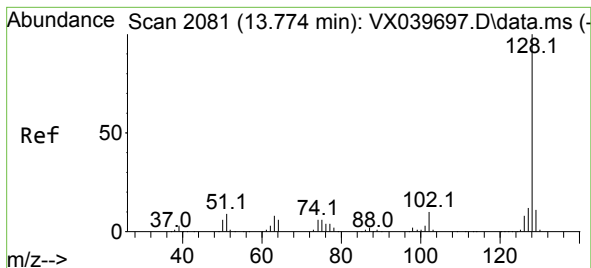
Ion Ratio Lower Upper

225 100

223 64.6 31.1 93.2

227 62.5 32.5 97.5





#95

Naphthalene

Concen: 49.461 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

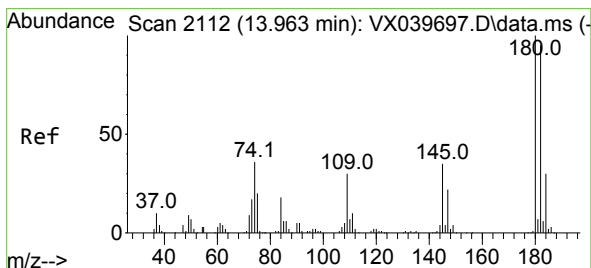
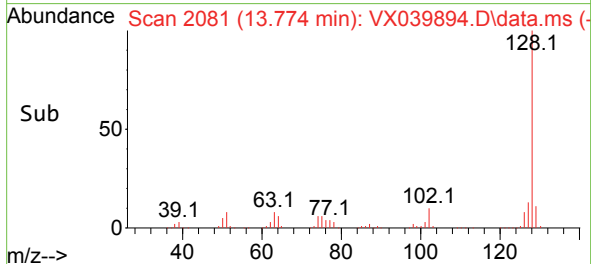
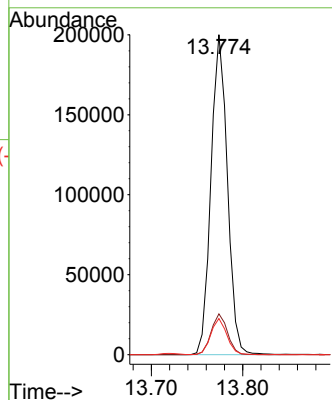
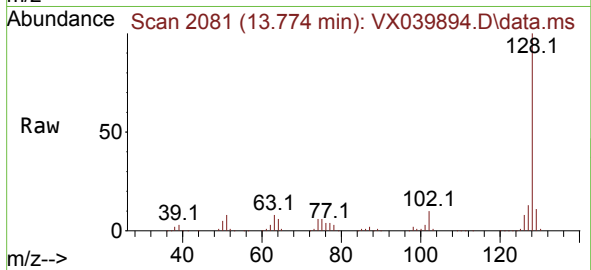
Tgt Ion:128 Resp: 249021

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.109 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX039894.D

Acq: 22 Jan 2024 19:09

Tgt Ion:180 Resp: 69164

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.6

145 36.1 17.8 53.5

