

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041103.D
 Acq On : 16 Apr 2024 14:33
 Operator : JC/MD
 Sample : P2075-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240410102-02-VOADL

Quant Time: Apr 17 02:10:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	189161	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	280646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101622	49.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.520%
35) Dibromofluoromethane	5.385	113	89520	47.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	326011	49.646	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.079	95	122952	49.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.640%

Target Compounds			Qvalue			
8) Diethyl Ether	2.136	74	309	0.262	ug/l	# 1
11) Tert butyl alcohol	2.953	59	203187	508.558	ug/l	# 92
13) Acrolein	2.233	56	245	0.488	ug/l	# 81
14) Allyl chloride	2.636	41	2132	0.790	ug/l	# 44
15) Acrylonitrile	3.074	53	404	0.408	ug/l	# 88
16) Acetone	2.379	43	81272	94.677	ug/l	95
17) Carbon Disulfide	2.514	76	7413	1.951	ug/l	95
18) Methyl Acetate	2.953	43	28132	13.127	ug/l	# 53
19) Methyl tert-butyl Ether	3.111	73	1068	0.207	ug/l	# 73
20) Methylene Chloride	2.794	84	409	0.223	ug/l	# 79
21) trans-1,2-Dichloroethene	3.105	96	349	0.204	ug/l	# 74
25) 2-Butanone	4.556	43	117705	87.271	ug/l	96
26) 2,2-Dichloropropane	4.562	77	6428	2.675	ug/l	# 54
29) Tetrahydrofuran	5.007	42	50476	56.531	ug/l	95
31) Cyclohexane	5.544	56	3164	1.251	ug/l	# 4
37) Ethyl Acetate	4.556	43	117705	41.526	ug/l	# 75
38) Carbon Tetrachloride	5.550	117	16082	5.843	ug/l	# 15
40) Benzene	6.050	78	3009	0.415	ug/l	97
41) Methacrylonitrile	5.001	41	30104	20.266	ug/l	# 48
49) 1,4-Dioxane	7.683	88	260	5.416	ug/l	# 93
51) 4-Methyl-2-Pentanone	8.573	43	1863	0.652	ug/l	# 86
52) Toluene	8.720	92	2736	0.578	ug/l	97
53) t-1,3-Dichloropropene	8.994	75	513	0.203	ug/l	91
54) cis-1,3-Dichloropropene	8.378	75	584	0.210	ug/l	# 29
59) 2-Hexanone	9.445	43	832	0.376	ug/l	87
65) Chlorobenzene	10.079	112	2264	0.377	ug/l	# 71
67) Ethyl Benzene	10.195	91	3769	0.403	ug/l	100
68) m/p-Xylenes	10.299	106	3099	0.832	ug/l	96
69) o-Xylene	10.640	106	1765	0.487	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	60288	24.399	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	60288	62.416	ug/l	# 5
82) 4-Chlorotoluene	11.463	91	1591	0.223	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	2609	0.351	ug/l	93
86) p-Isopropyltoluene	12.012	119	4351	0.514	ug/l	91
87) 1,3-Dichlorobenzene	11.975	146	1497	0.302	ug/l	87
88) 1,4-Dichlorobenzene	11.975	146	1497	0.287	ug/l	88

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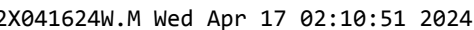
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

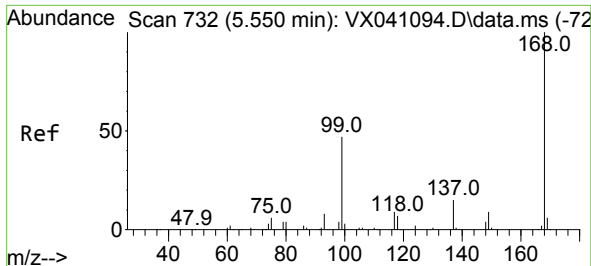
Quant Time: Apr 17 02:10:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.335	91	2287	0.319	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	1231	0.250	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	2633	0.713	ug/l	96
94) Hexachlorobutadiene	13.719	225	1025	0.582	ug/l	91
95) Naphthalene	13.780	128	24035	2.409	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2067	0.563	ug/l	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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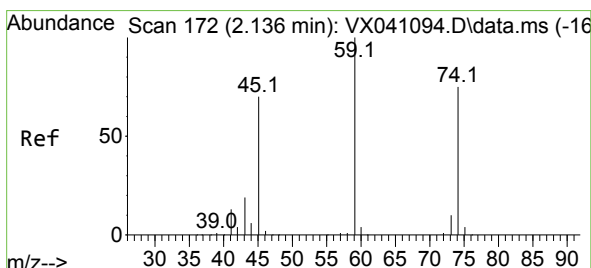
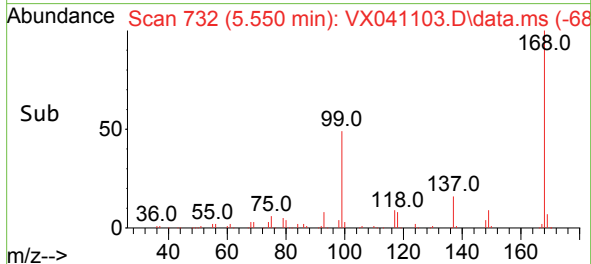
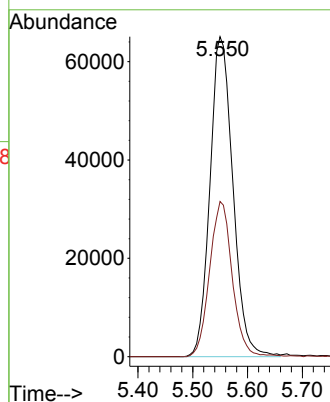
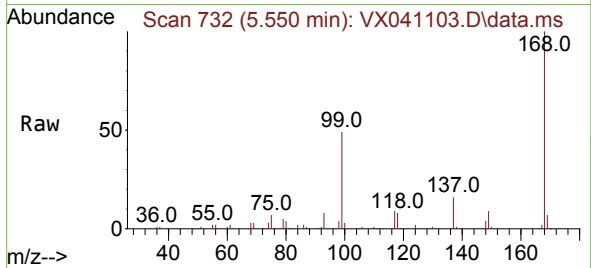




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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Acq: 16 Apr 2024 14:33

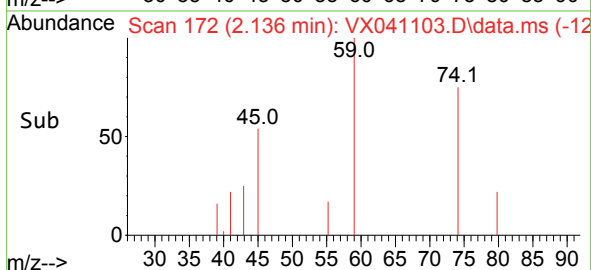
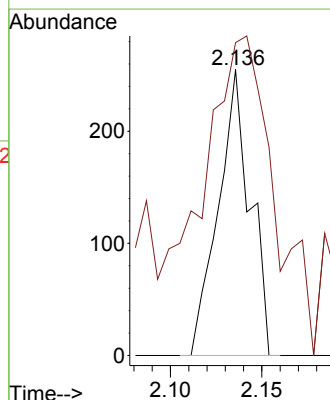
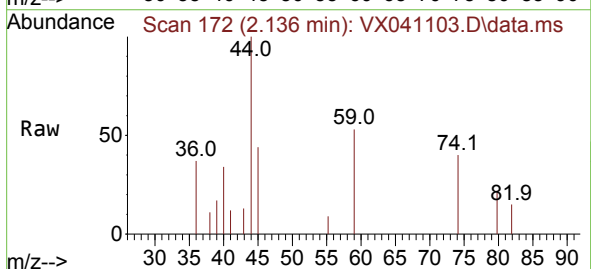
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

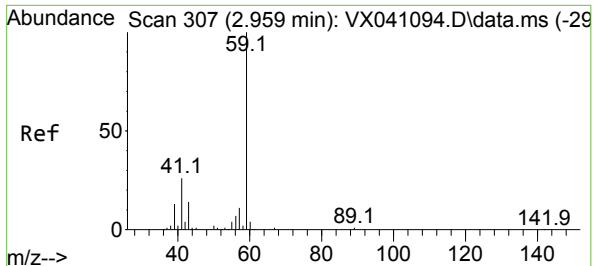
Tgt Ion:168 Resp: 189161
Ion Ratio Lower Upper
168 100
99 48.5 56.6 85.0#



#8
Diethyl Ether
Concen: 0.262 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 74 Resp: 309
Ion Ratio Lower Upper
74 100
45 243.7 53.3 159.8#





#11

Tert butyl alcohol

Concen: 508.558 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX041103.D

Acq: 16 Apr 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

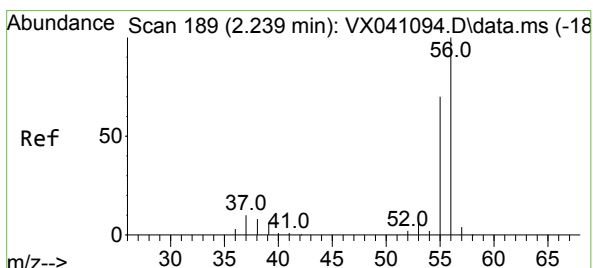
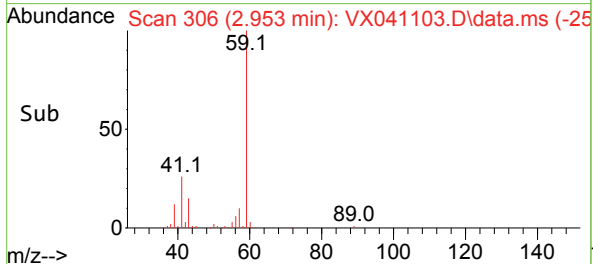
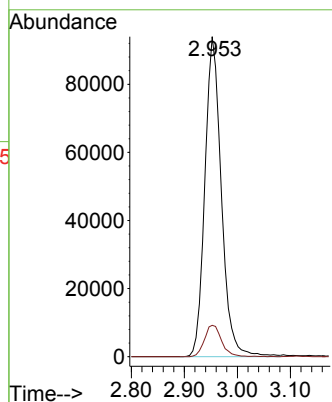
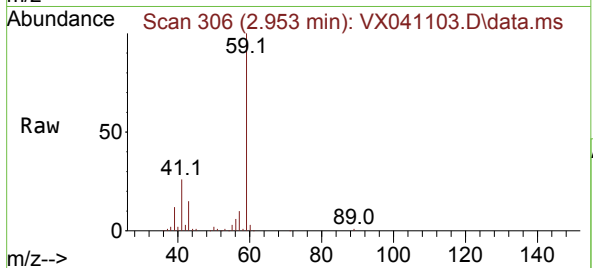
240410102-02-VOADL

Tgt Ion: 59 Resp: 203187

Ion Ratio Lower Upper

59 100

57 10.3 6.0 9.0#



#13

Acrolein

Concen: 0.488 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX041103.D

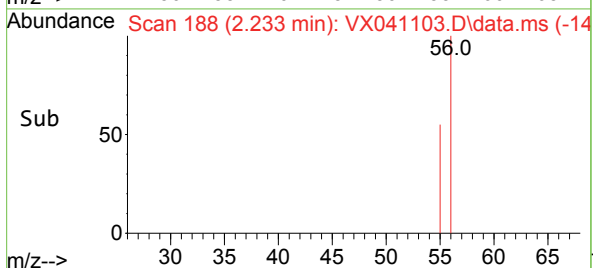
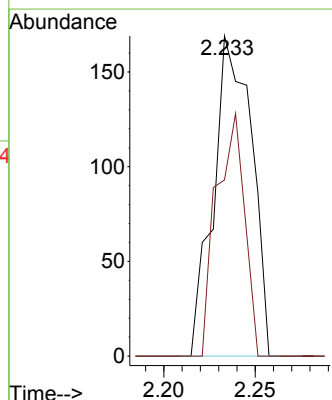
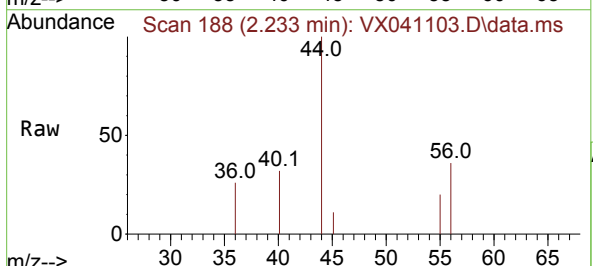
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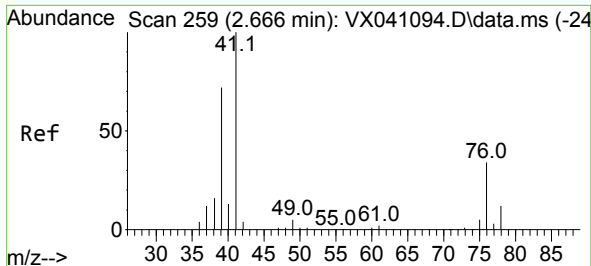
Tgt Ion: 56 Resp: 245

Ion Ratio Lower Upper

56 100

55 55.9 57.1 85.7#

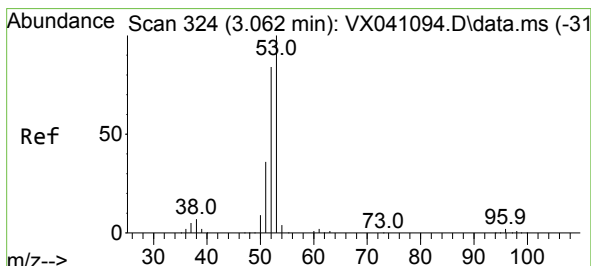
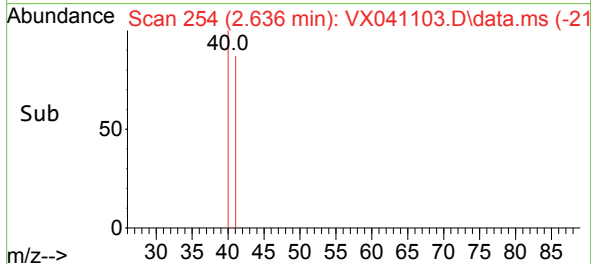
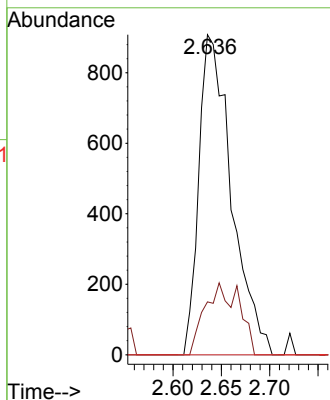
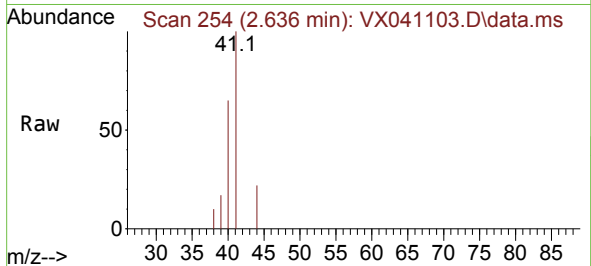




#14
 Allyl chloride
 Concen: 0.790 ug/l
 RT: 2.636 min Scan# 2132
 Delta R.T. -0.031 min
 Lab File: VX041103.D
 Acq: 16 Apr 2024 14:33

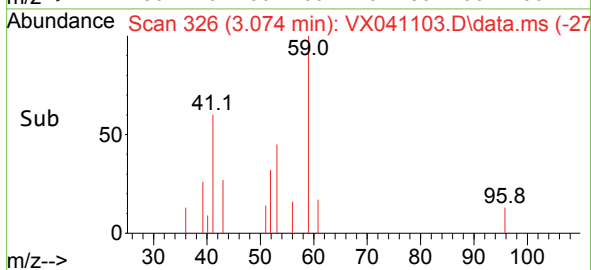
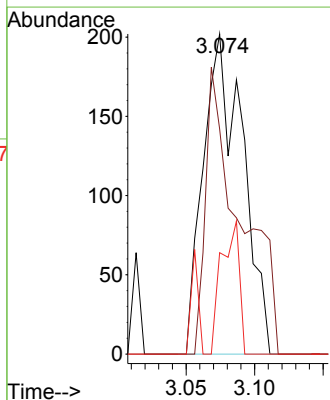
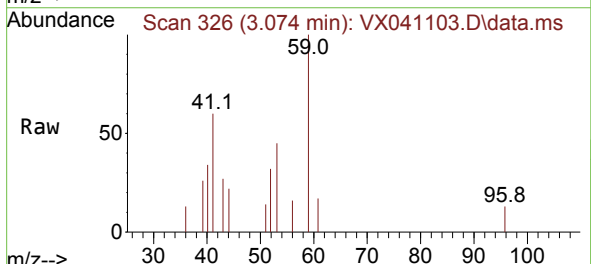
Instrument :
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 ClientSampleId :
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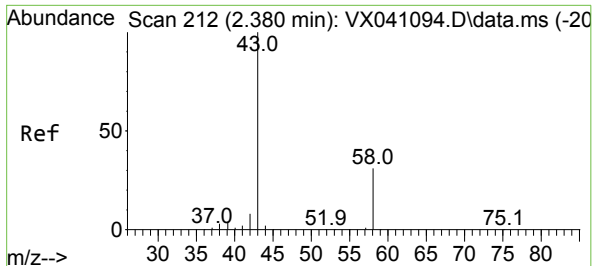
Tgt Ion:	41	Resp:	2132
Ion Ratio	Lower	Upper	
41	100		
39	23.3	55.8	83.6#
76	0.0	24.3	36.5#



#15
 Acrylonitrile
 Concen: 0.408 ug/l
 RT: 3.074 min Scan# 326
 Delta R.T. 0.012 min
 Lab File: VX041103.D
 Acq: 16 Apr 2024 14:33

Tgt Ion:	53	Resp:	404
Ion Ratio	Lower	Upper	
53	100		
52	78.7	66.0	99.0
51	18.8	29.8	44.6#

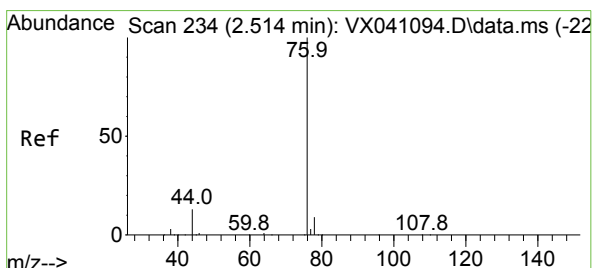
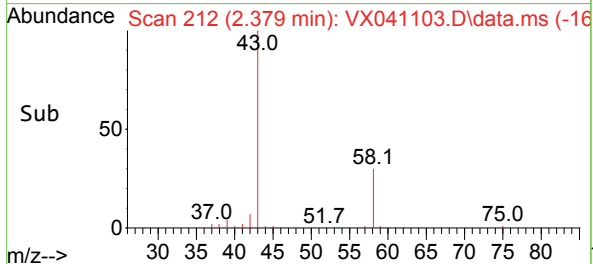
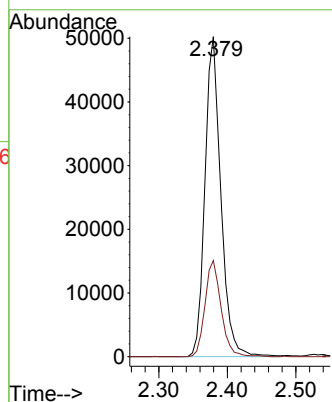
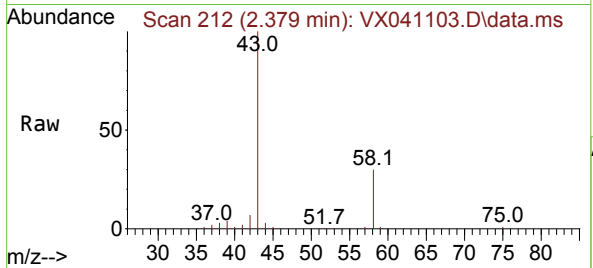




#16
Acetone
Concen: 94.677 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

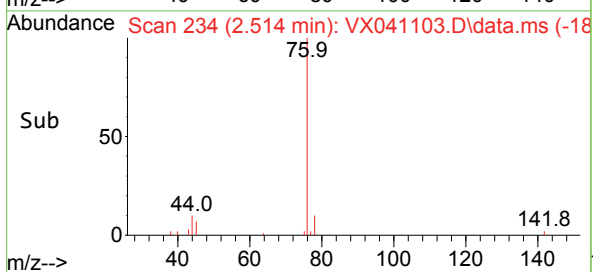
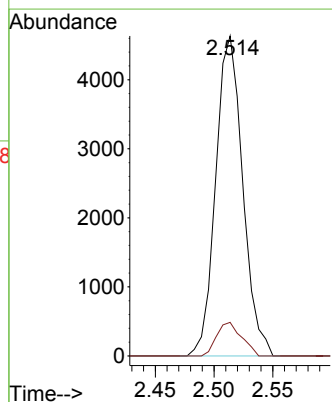
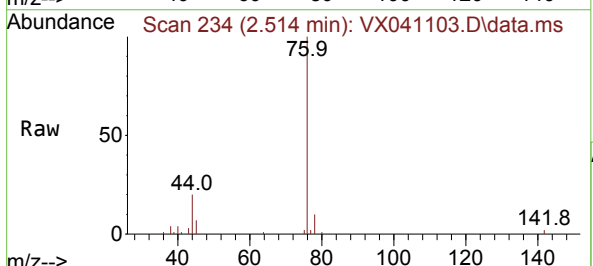
Instrument :
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ClientSampleId :
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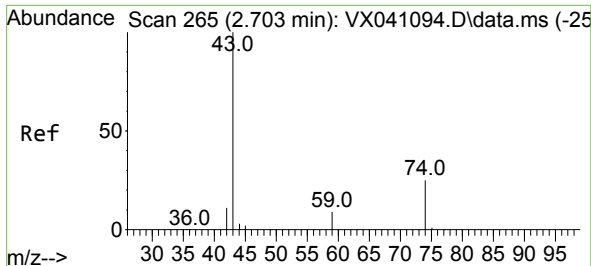
Tgt Ion: 43 Resp: 81272
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9



#17
Carbon Disulfide
Concen: 1.951 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 76 Resp: 7413
Ion Ratio Lower Upper
76 100
78 10.5 7.0 10.6

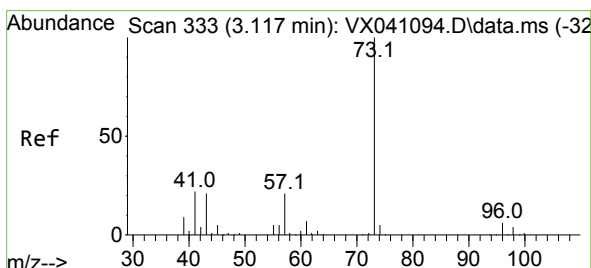
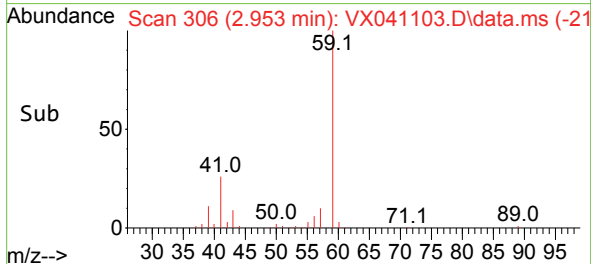
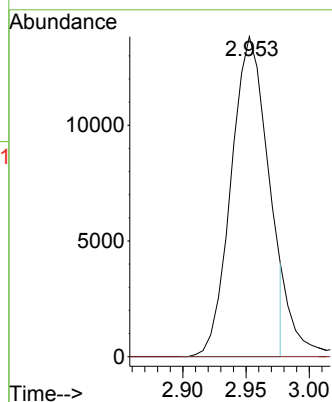
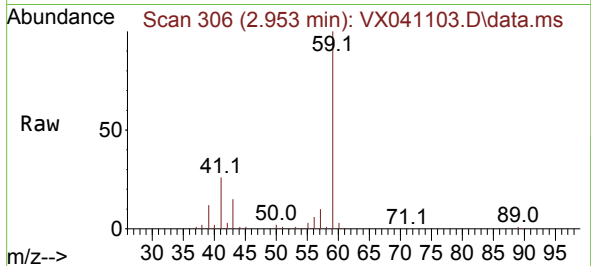




#18
Methyl Acetate
Concen: 13.127 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.250 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

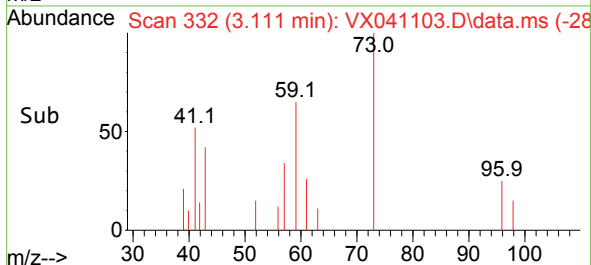
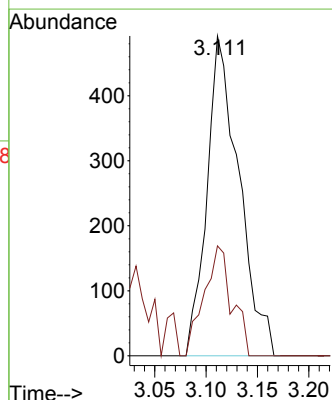
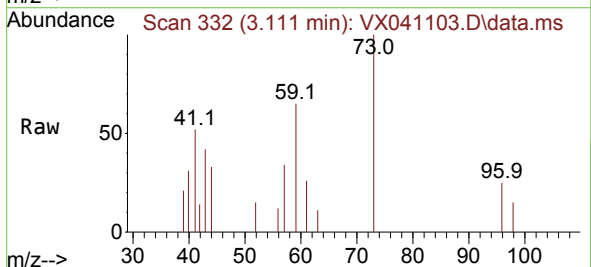
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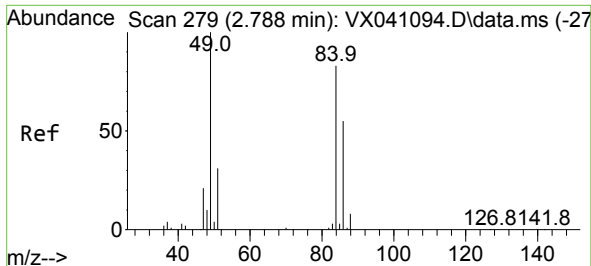
Tgt Ion: 43 Resp: 28132
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 0.207 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 73 Resp: 1068
Ion Ratio Lower Upper
73 100
57 34.3 17.3 25.9#

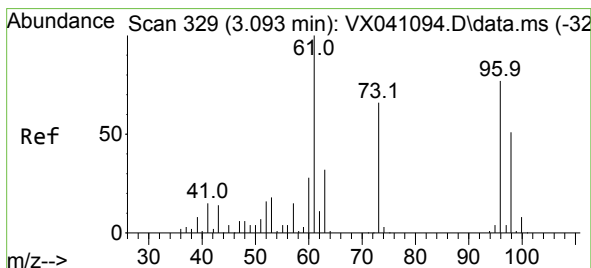
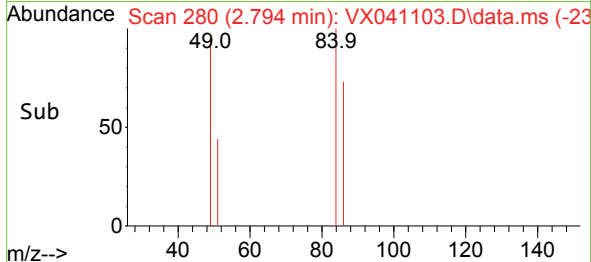
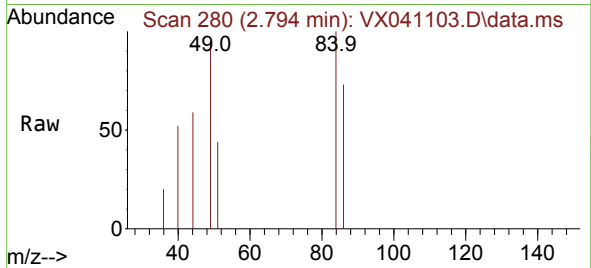




#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.794 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

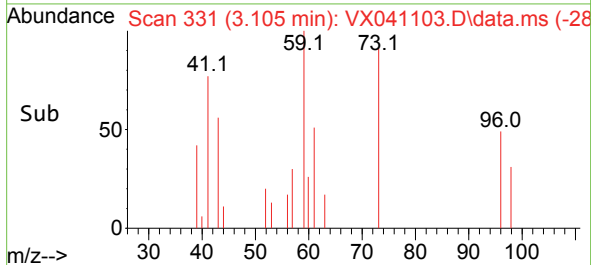
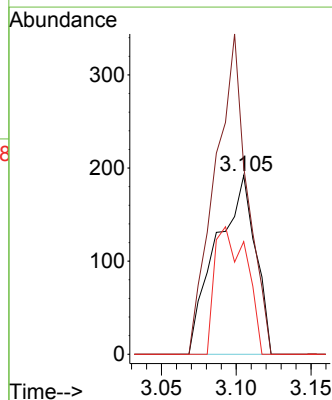
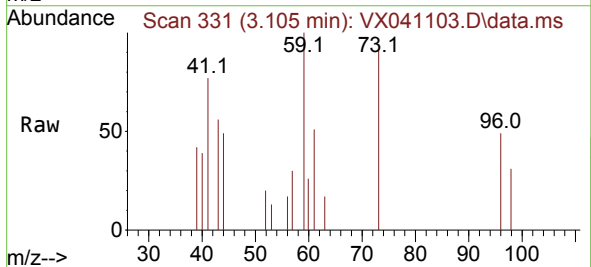
Instrument :
MSVOA_X
ClientSampleId :
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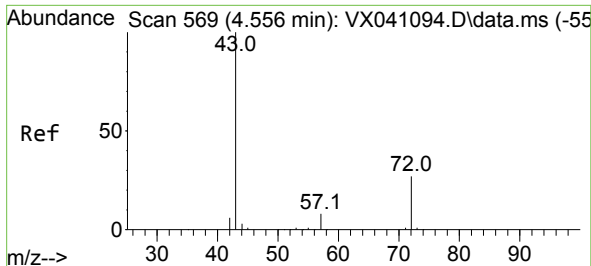
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Ion	Ratio	Lower Upper
84	100	
49	94.9	103.6 155.4#
51	43.5	33.8 50.6
86	72.9	49.4 74.0



#21
trans-1,2-Dichloroethene
Concen: 0.204 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.012 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 96	Resp:	349
Ion	Ratio	Lower Upper
96	100	
61	104.7	119.2 178.8#
98	63.0	48.7 73.1

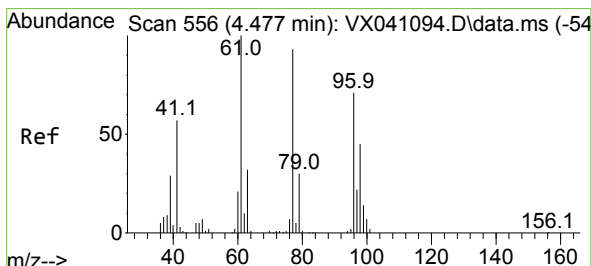
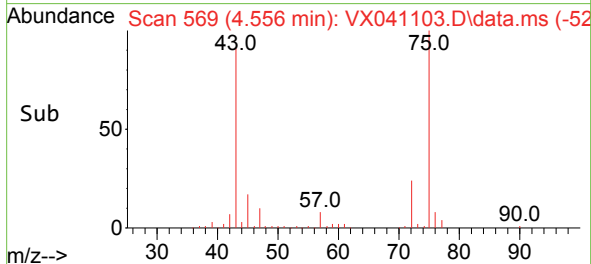
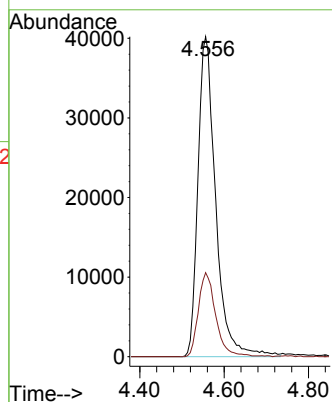
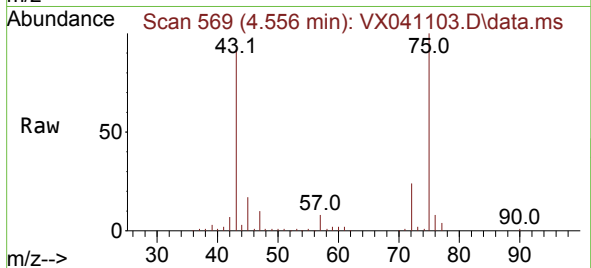




#25
2-Butanone
Concen: 87.271 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

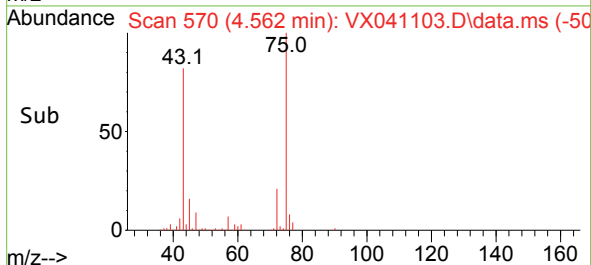
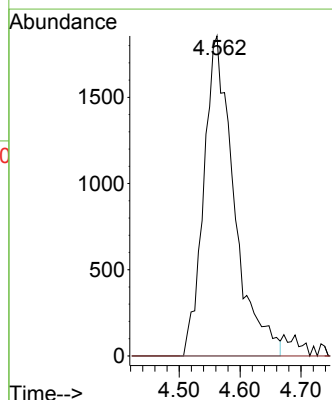
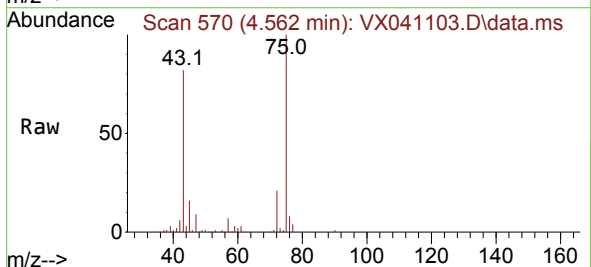
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

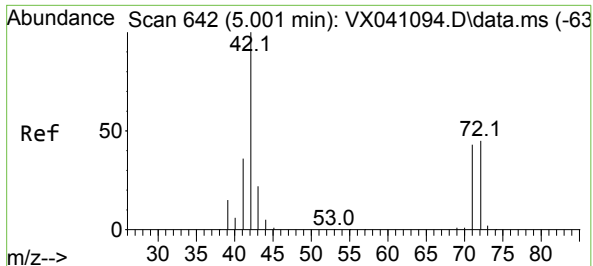
Tgt Ion: 43 Resp: 117705
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 2.675 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.085 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 77 Resp: 6428
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#29

Tetrahydrofuran

Concen: 56.531 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX041103.D

Acq: 16 Apr 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

240410102-02-VOADL

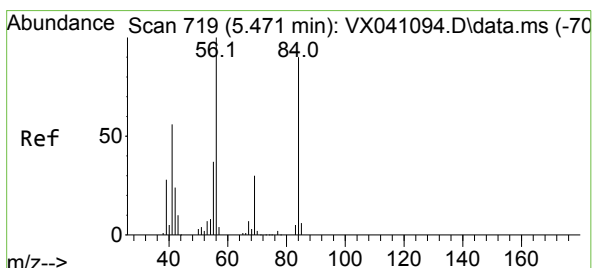
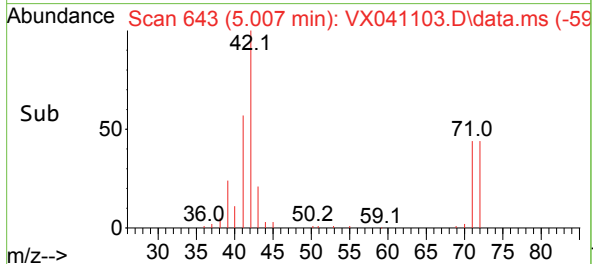
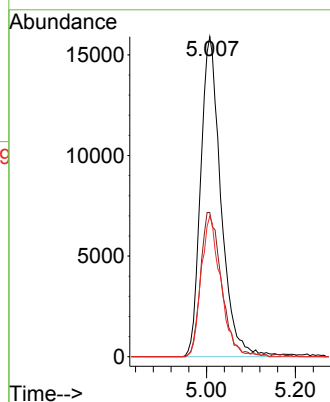
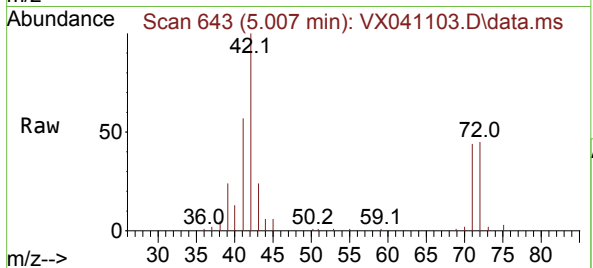
Tgt Ion: 42 Resp: 50476

Ion Ratio Lower Upper

42 100

72 46.3 34.2 51.4

71 43.1 32.2 48.2



#31

Cyclohexane

Concen: 1.251 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX041103.D

Acq: 16 Apr 2024 14:33

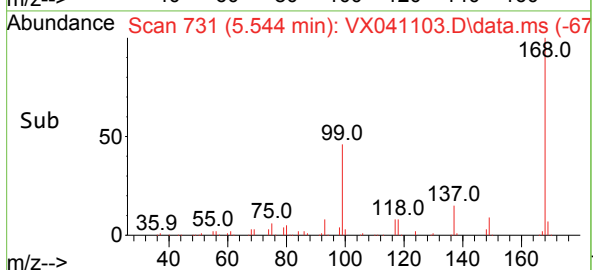
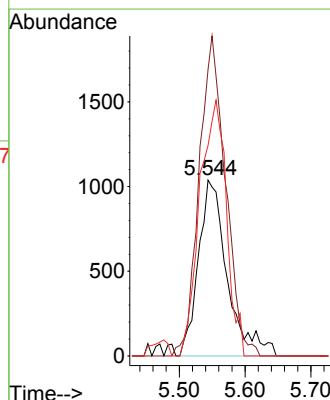
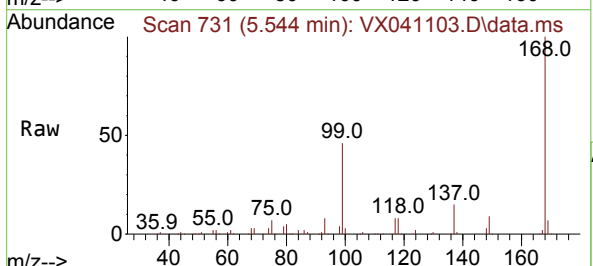
Tgt Ion: 56 Resp: 3164

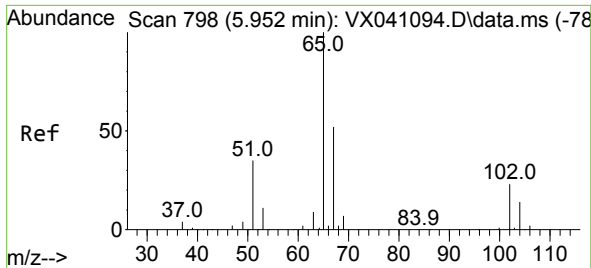
Ion Ratio Lower Upper

56 100

69 162.9 23.4 35.2#

84 119.7 65.9 98.9#

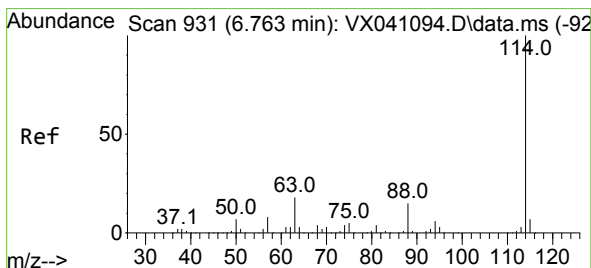
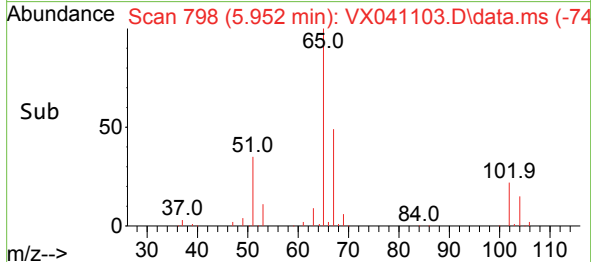
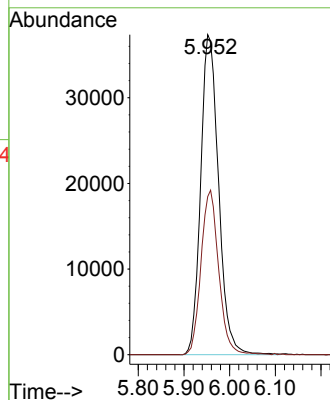
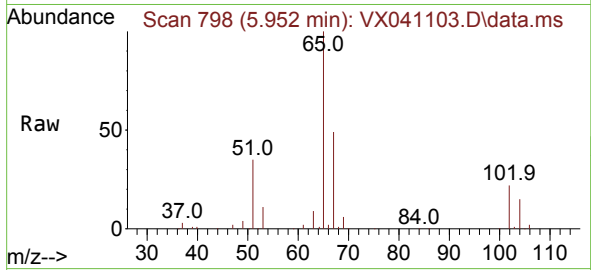




#33
 1,2-Dichloroethane-d4
 Concen: 49.759 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX041103.D
 Acq: 16 Apr 2024 14:33

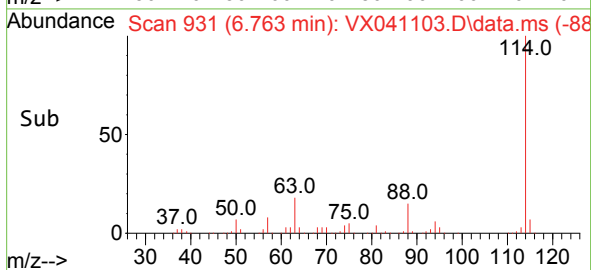
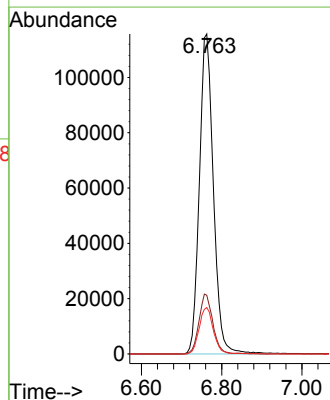
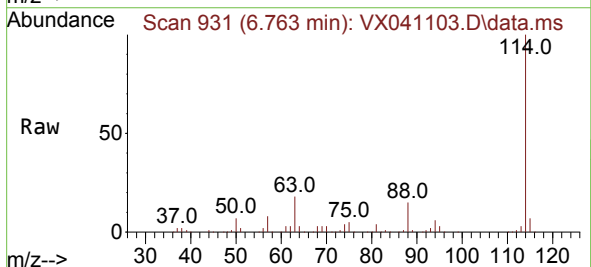
Instrument :
 MSVOA_X
 ClientSampleId :
 240410102-02-VOADL

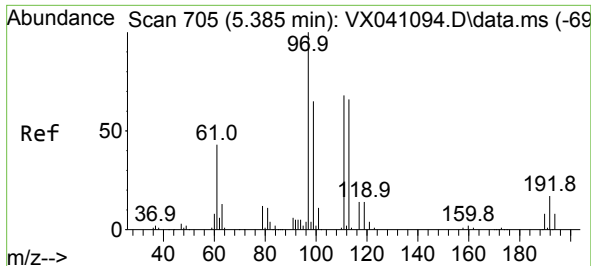
Tgt Ion: 65 Resp: 101622
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX041103.D
 Acq: 16 Apr 2024 14:33

Tgt Ion: 114 Resp: 280646
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 45.0
 88 14.5 0.0 36.6

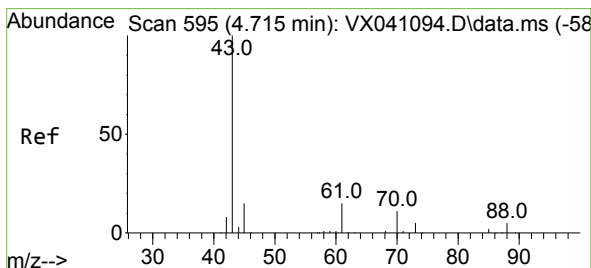
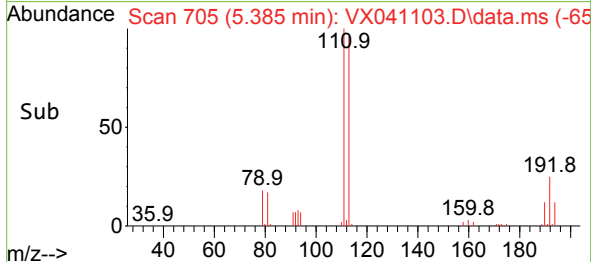
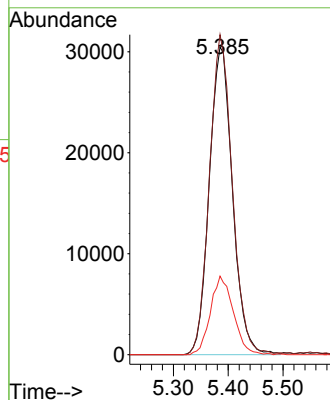
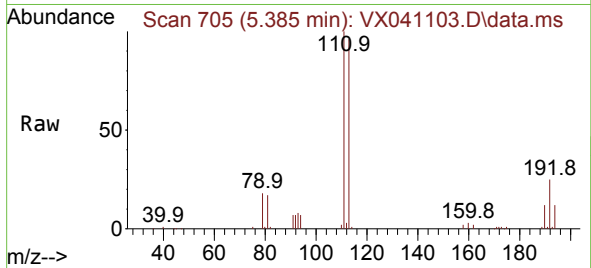




#35
Dibromofluoromethane
Concen: 47.750 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

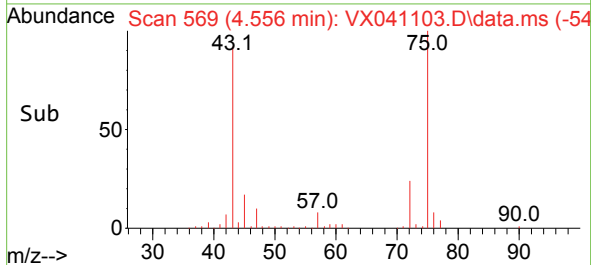
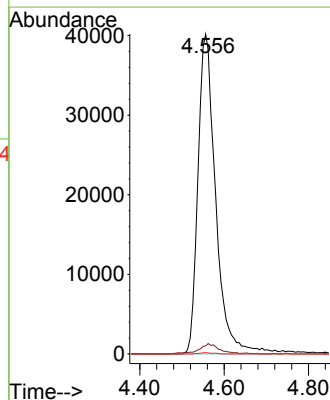
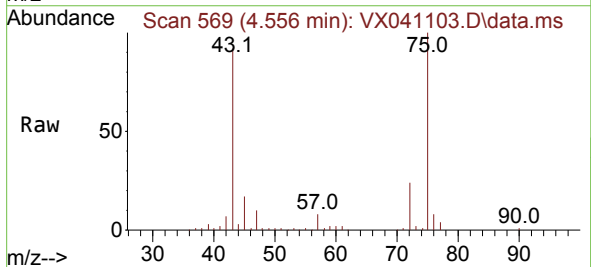
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

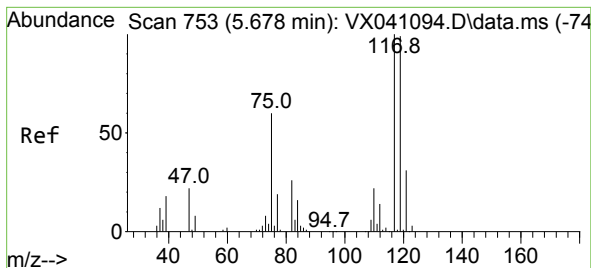
Tgt Ion:113 Resp: 89520
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 25.2 13.3 19.9#



#37
Ethyl Acetate
Concen: 41.526 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.159 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 43 Resp: 117705
Ion Ratio Lower Upper
43 100
61 3.7 10.6 16.0#
70 0.3 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 5.843 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

Lab File: VX041103.D

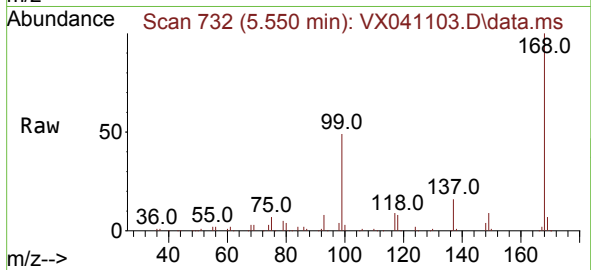
Acq: 16 Apr 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

240410102-02-VOADL



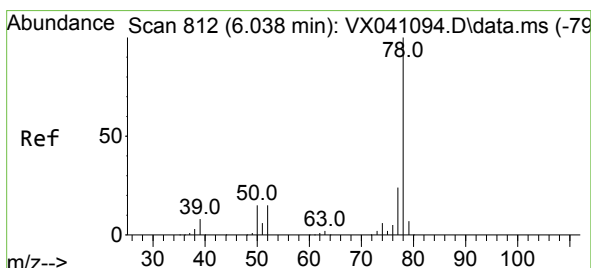
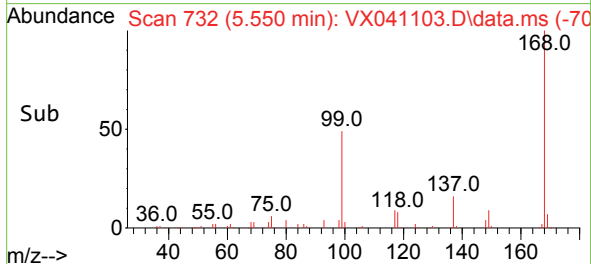
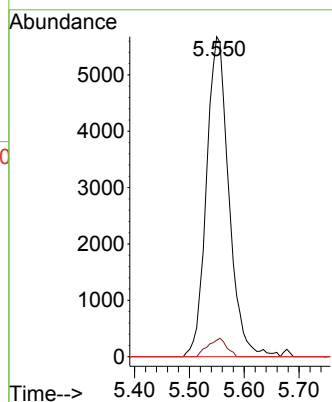
Tgt Ion:117 Resp: 16082

Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 24.4 36.6#



#40

Benzene

Concen: 0.415 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.012 min

Lab File: VX041103.D

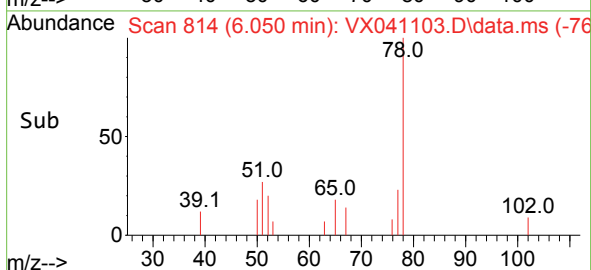
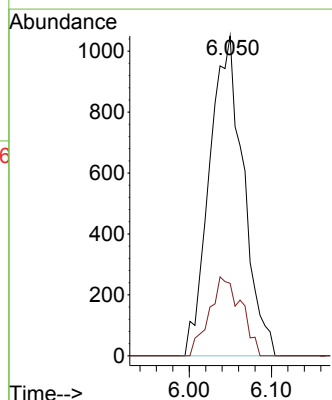
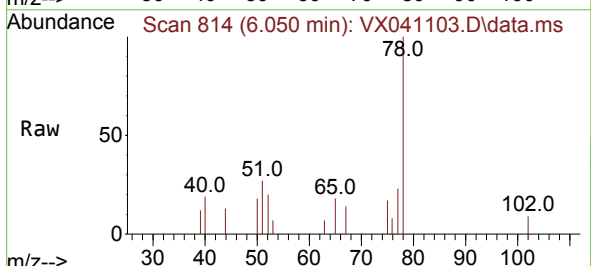
Acq: 16 Apr 2024 14:33

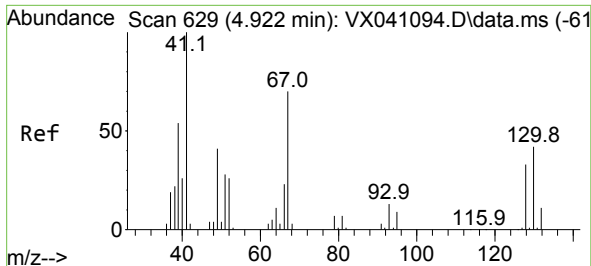
Tgt Ion: 78 Resp: 3009

Ion Ratio Lower Upper

78 100

77 22.7 19.3 28.9

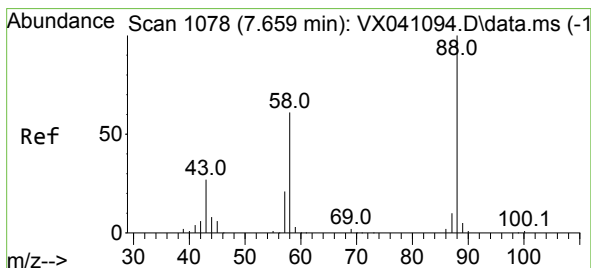
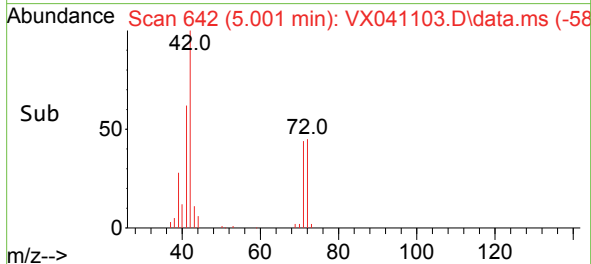
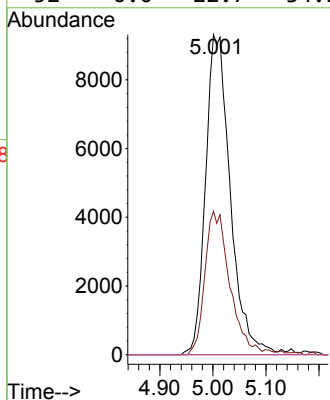
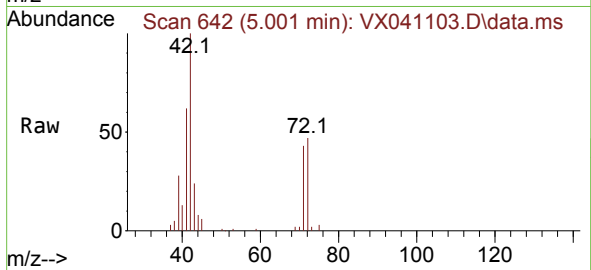




#41
Methacrylonitrile
Concen: 20.266 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.079 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

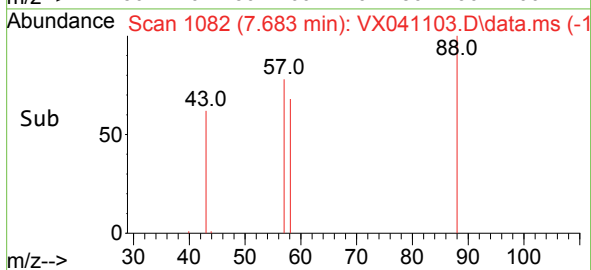
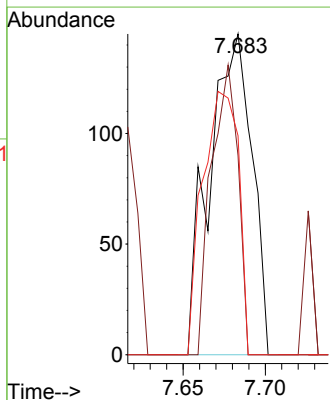
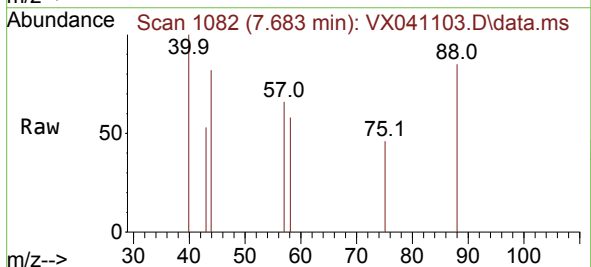
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

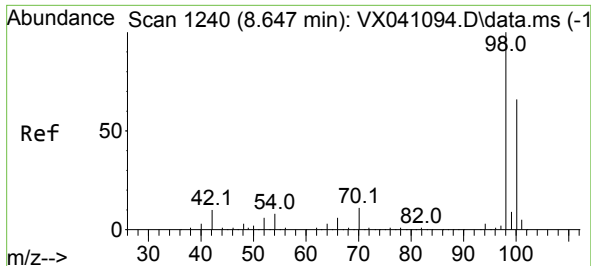
Tgt Ion:	41	Resp:	30104
Ion	Ratio	Lower	Upper
41	100		
39	45.6	45.2	67.8
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#49
1,4-Dioxane
Concen: 5.416 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.024 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion:	88	Resp:	260
Ion	Ratio	Lower	Upper
88	100		
43	56.5	0.0	0.0#
58	69.2	60.1	90.1

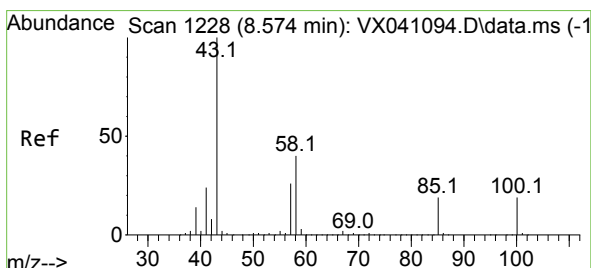
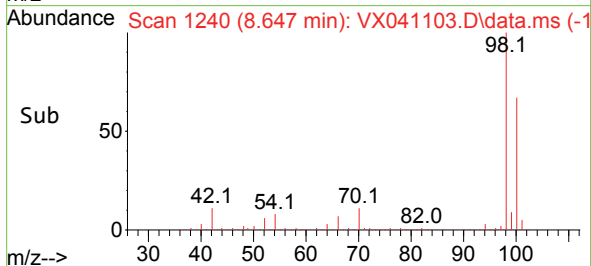
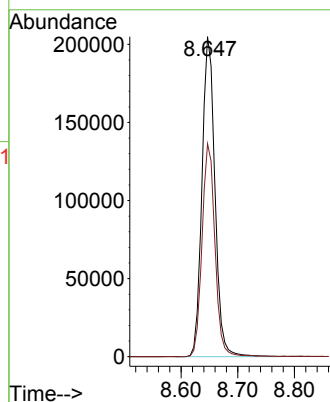
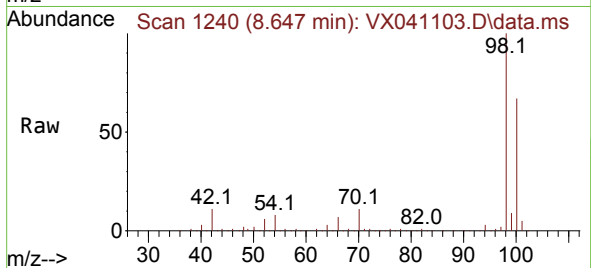




#50
Toluene-d8
Concen: 49.646 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

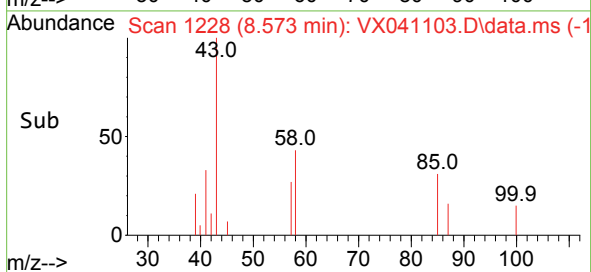
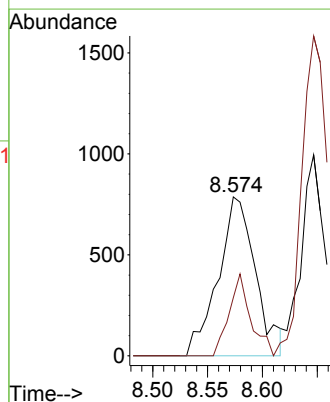
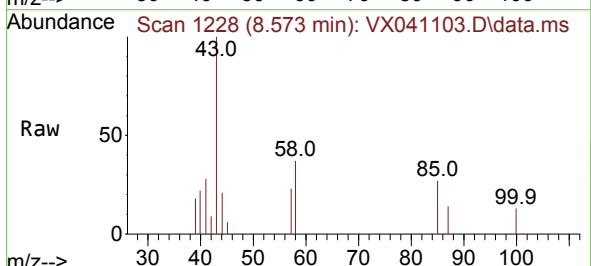
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

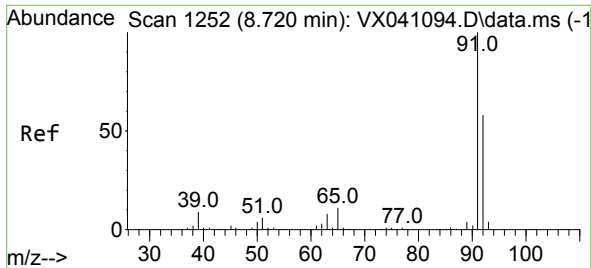
Tgt Ion: 98 Resp: 326011
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.652 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 43 Resp: 1863
Ion Ratio Lower Upper
43 100
58 29.8 30.4 45.6#

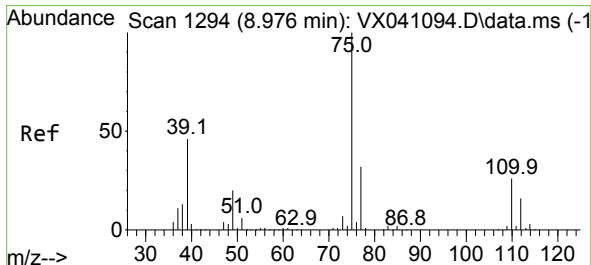
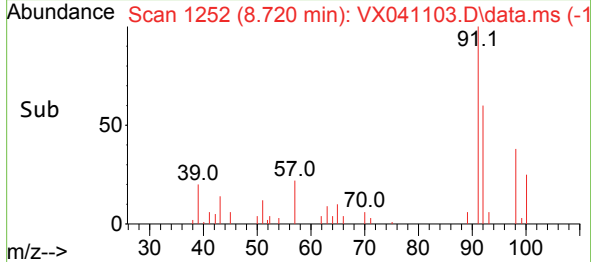
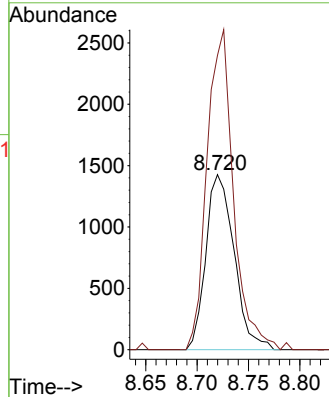
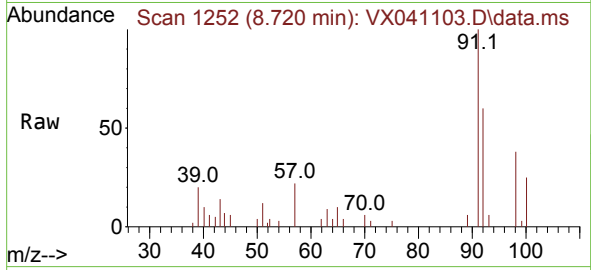




#52
Toluene
Concen: 0.578 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

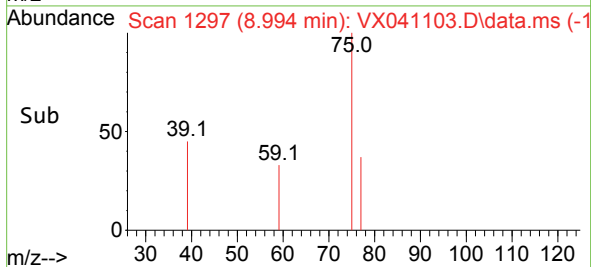
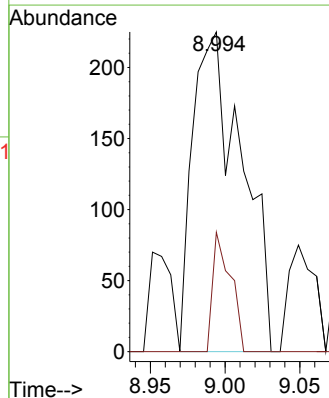
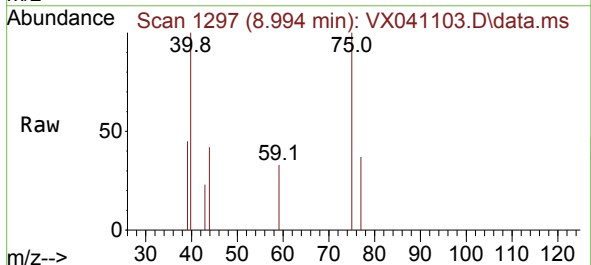
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

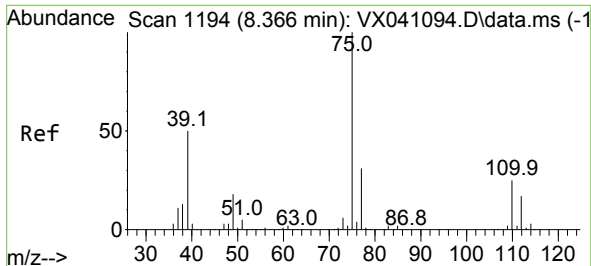
Tgt Ion: 92 Resp: 2736
Ion Ratio Lower Upper
92 100
91 171.3 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.203 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 75 Resp: 513
Ion Ratio Lower Upper
75 100
77 37.3 25.7 38.5

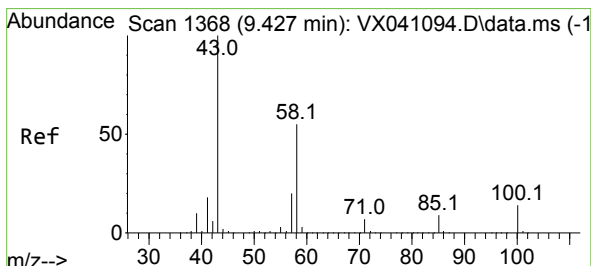
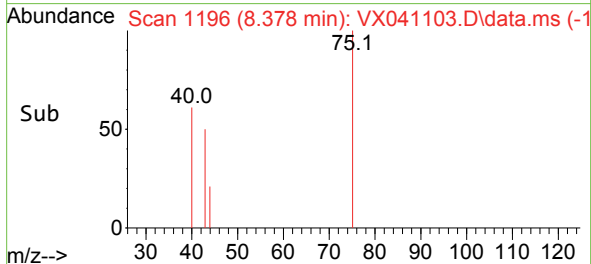
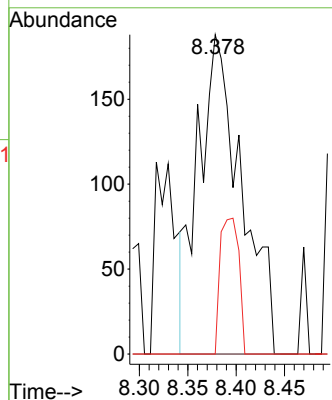
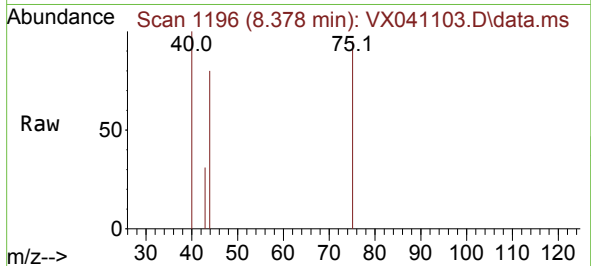




#54
 cis-1,3-Dichloropropene
 Concen: 0.210 ug/l
 RT: 8.378 min Scan# 1196
 Delta R.T. 0.012 min
 Lab File: VX041103.D
 Acq: 16 Apr 2024 14:33

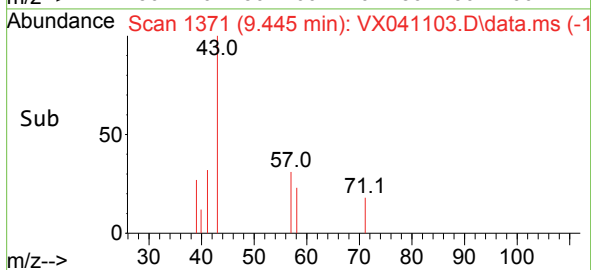
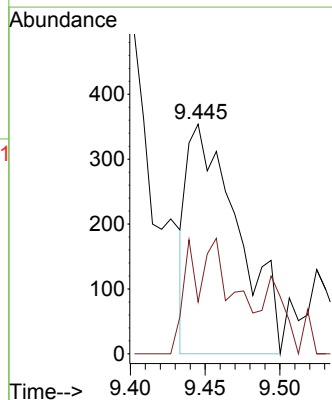
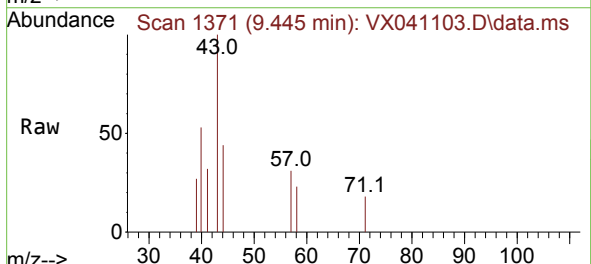
Instrument :
 MSVOA_X
 ClientSampleId :
 240410102-02-VOADL

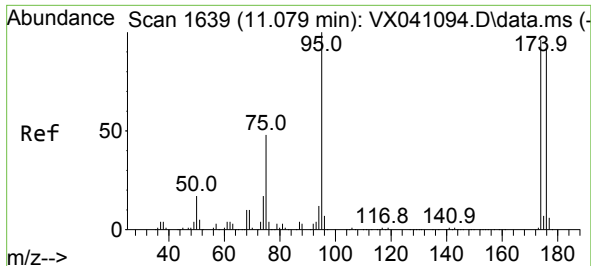
Tgt Ion: 75 Resp: 584
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 0.0 46.7 70.1#



#59
 2-Hexanone
 Concen: 0.376 ug/l
 RT: 9.445 min Scan# 1371
 Delta R.T. 0.018 min
 Lab File: VX041103.D
 Acq: 16 Apr 2024 14:33

Tgt Ion: 43 Resp: 832
 Ion Ratio Lower Upper
 43 100
 58 43.1 26.2 78.5

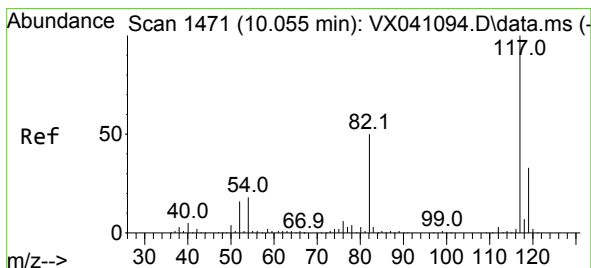
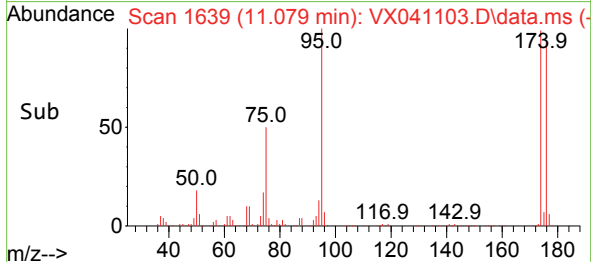
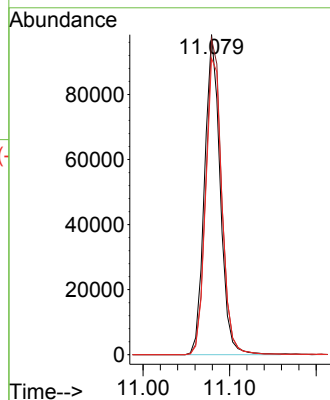
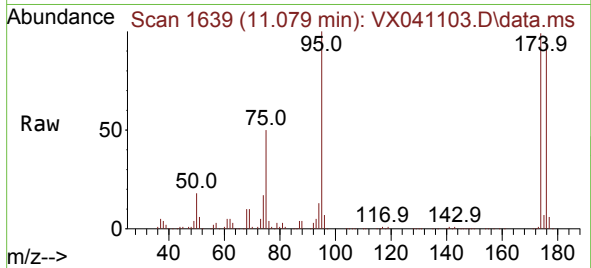




#62
4-Bromofluorobenzene
Concen: 49.323 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

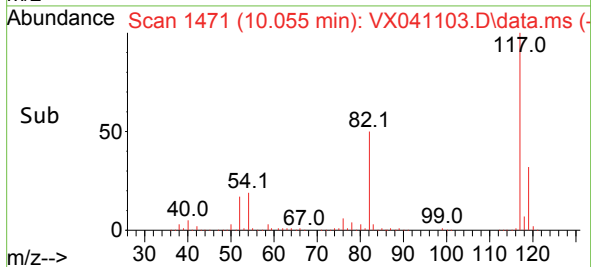
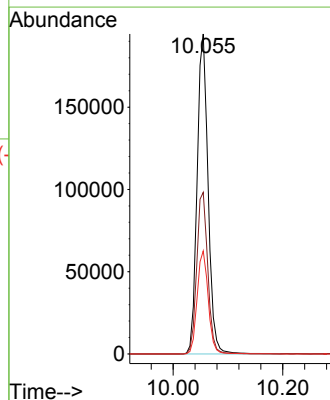
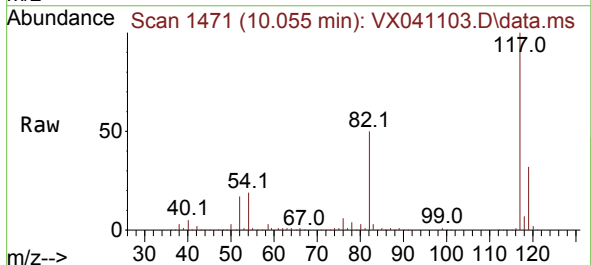
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

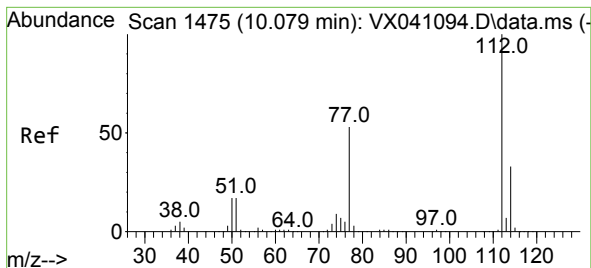
Tgt Ion: 95 Resp: 122952
Ion Ratio Lower Upper
95 100
174 100.7 0.0 135.6
176 96.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 117 Resp: 271740
Ion Ratio Lower Upper
117 100
82 50.5 46.2 69.4
119 32.2 25.5 38.3





#65

Chlorobenzene

Concen: 0.377 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX041103.D

Acq: 16 Apr 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

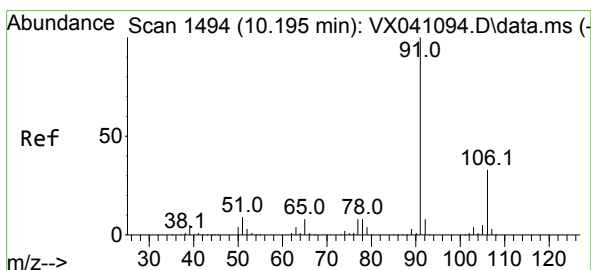
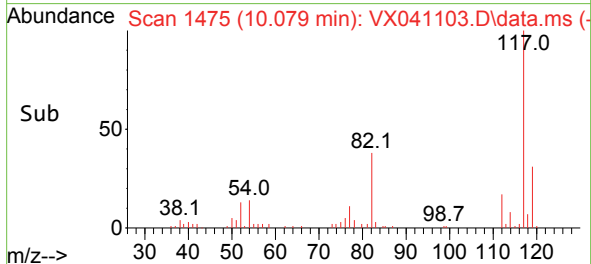
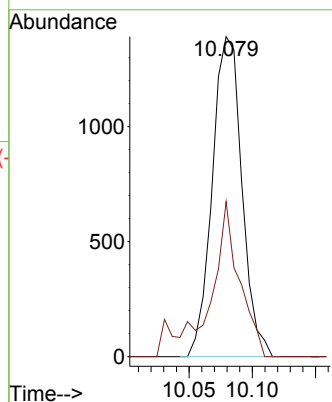
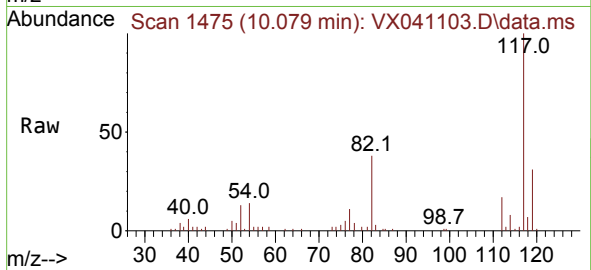
240410102-02-VOADL

Tgt Ion:112 Resp: 2264

Ion Ratio Lower Upper

112 100

114 48.5 25.7 38.5#



#67

Ethyl Benzene

Concen: 0.403 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX041103.D

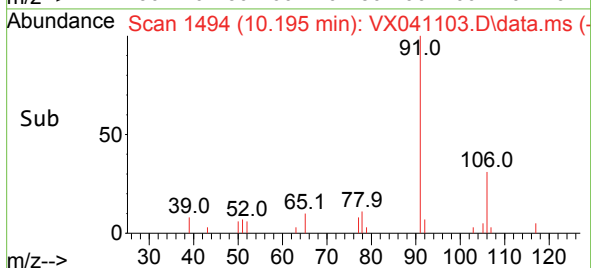
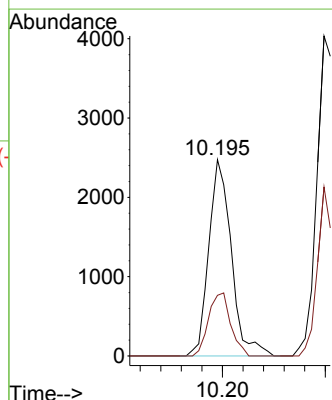
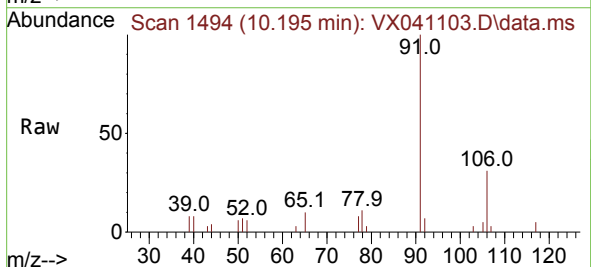
Acq: 16 Apr 2024 14:33

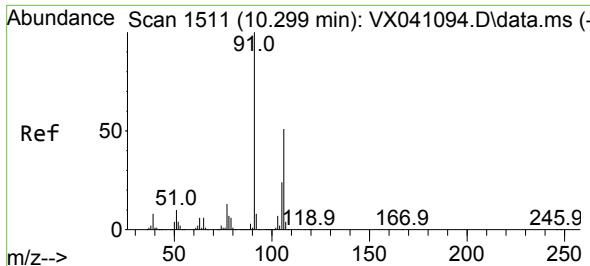
Tgt Ion: 91 Resp: 3769

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3

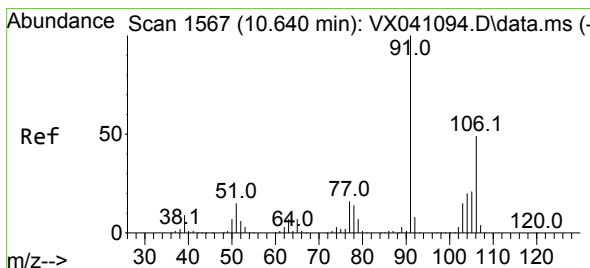
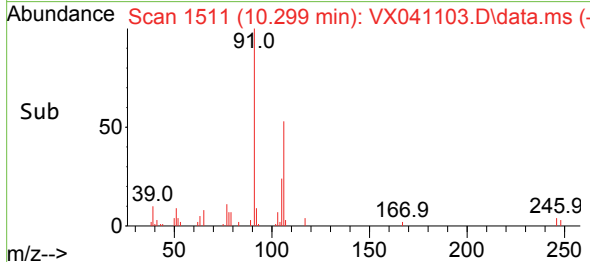
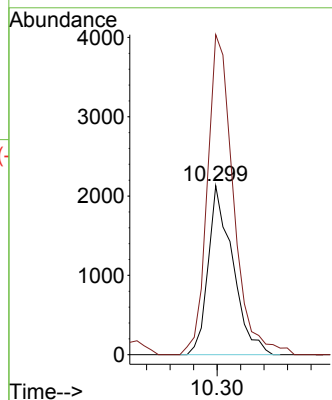
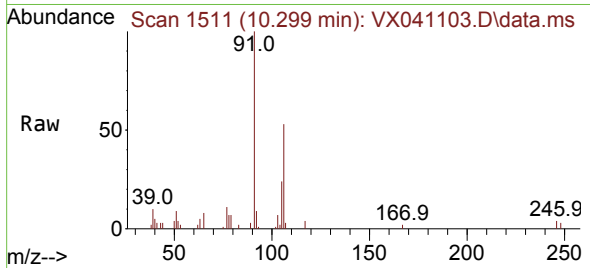




#68
m/p-Xylenes
Concen: 0.832 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

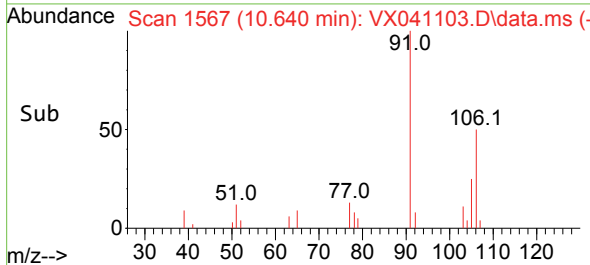
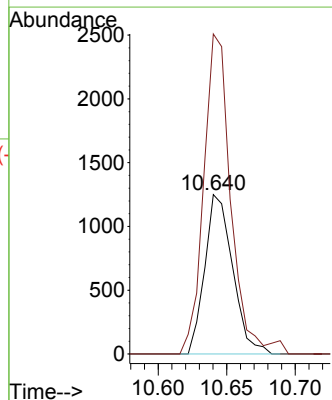
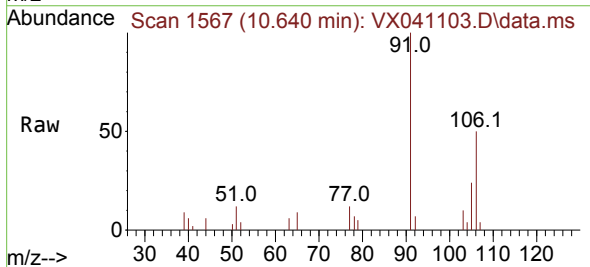
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

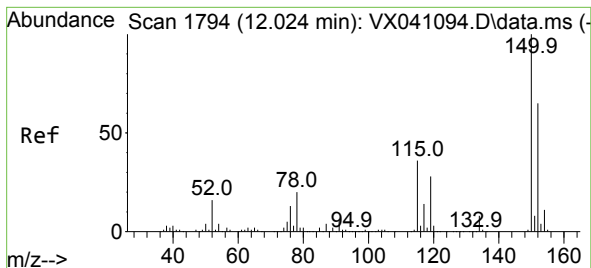
Tgt Ion:106 Resp: 3099
Ion Ratio Lower Upper
106 100
91 200.5 165.5 248.3



#69
o-Xylene
Concen: 0.487 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion:106 Resp: 1765
Ion Ratio Lower Upper
106 100
91 196.2 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041103.D

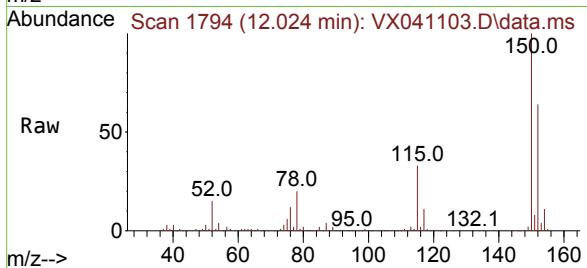
Acq: 16 Apr 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

240410102-02-VOADL



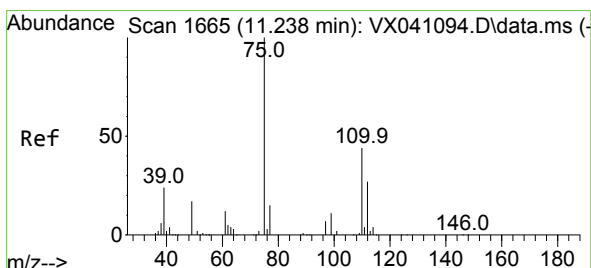
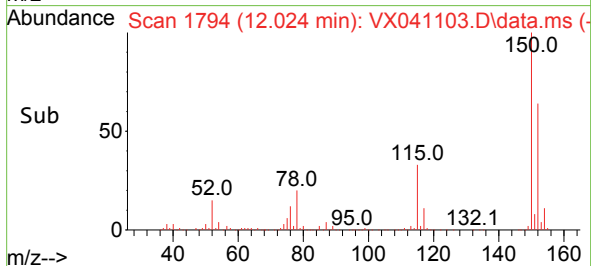
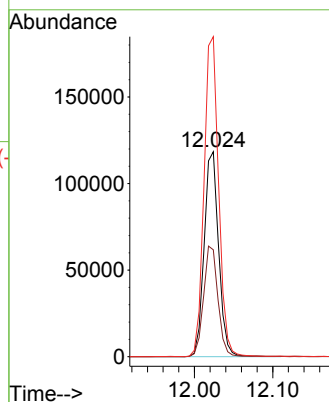
Tgt Ion:152 Resp: 151625

Ion Ratio Lower Upper

152 100

115 53.7 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.399 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041103.D

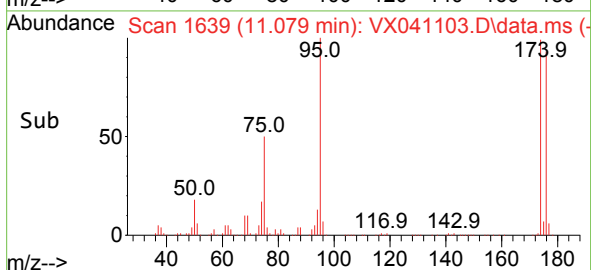
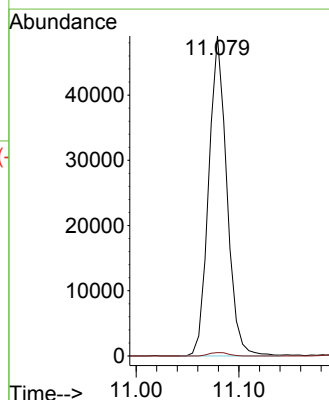
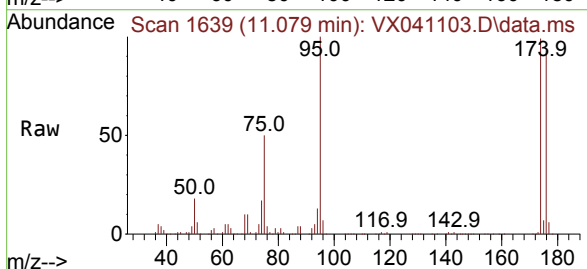
Acq: 16 Apr 2024 14:33

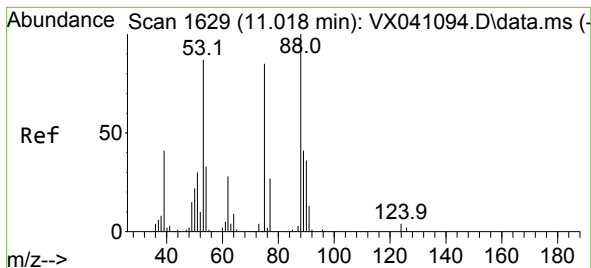
Tgt Ion: 75 Resp: 60288

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

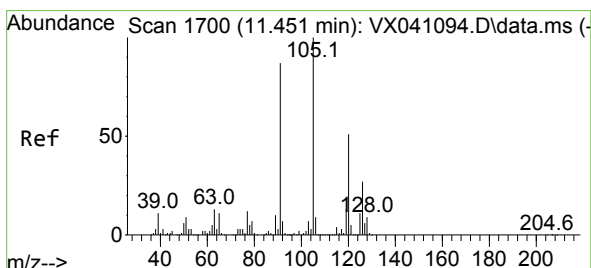
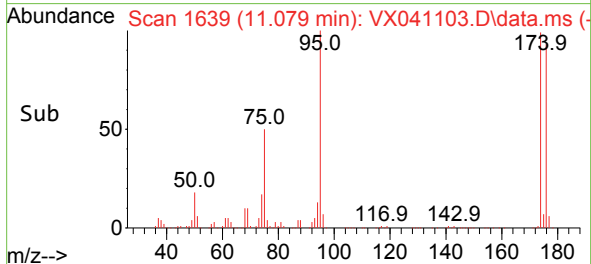
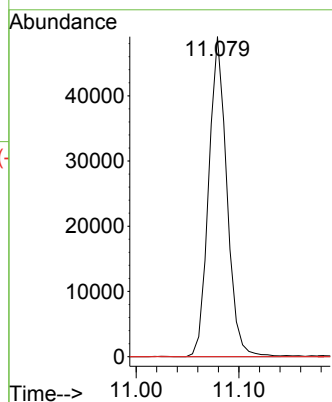
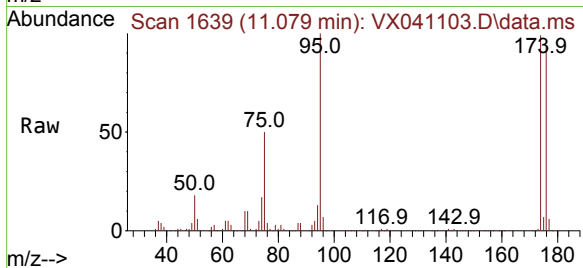




#81
trans-1,4-Dichloro-2-butene
Concen: 62.416 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

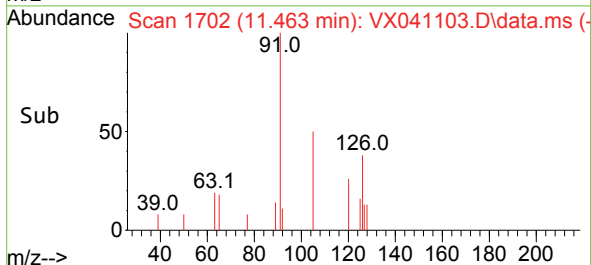
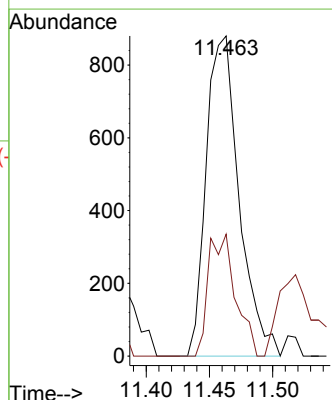
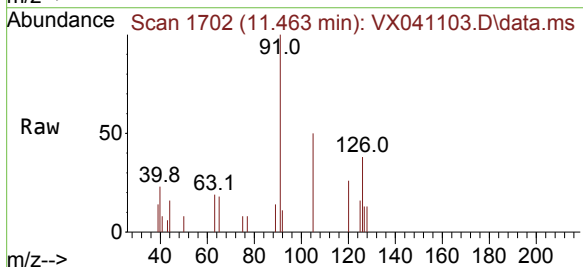
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

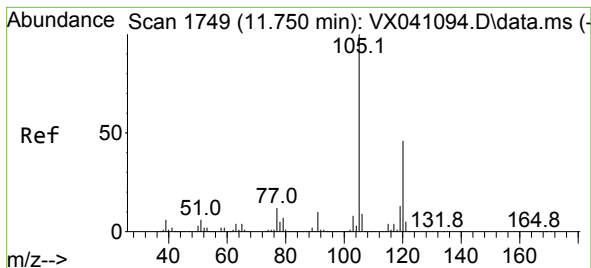
Tgt Ion: 75 Resp: 60288
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.223 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion: 91 Resp: 1591
Ion Ratio Lower Upper
91 100
126 31.5 14.2 42.6





#84

1,2,4-Trimethylbenzene

Concen: 0.351 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX041103.D

Acq: 16 Apr 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

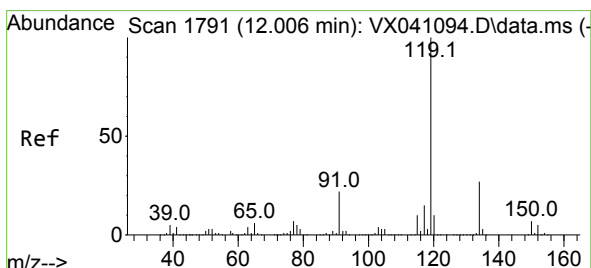
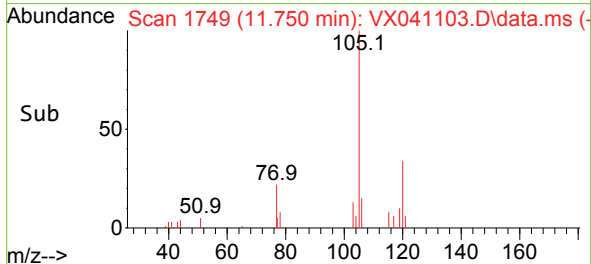
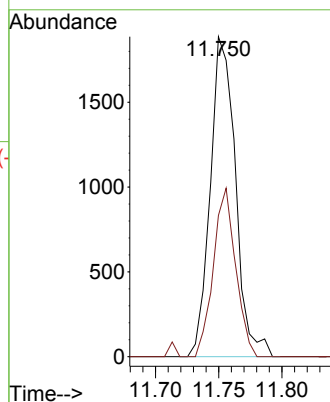
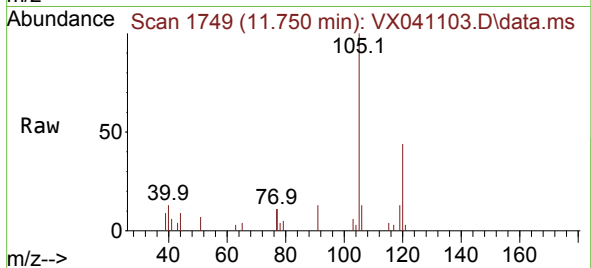
240410102-02-VOADL

Tgt Ion:105 Resp: 2609

Ion Ratio Lower Upper

105 100

120 46.6 21.2 63.6



#86

p-Isopropyltoluene

Concen: 0.514 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX041103.D

Acq: 16 Apr 2024 14:33

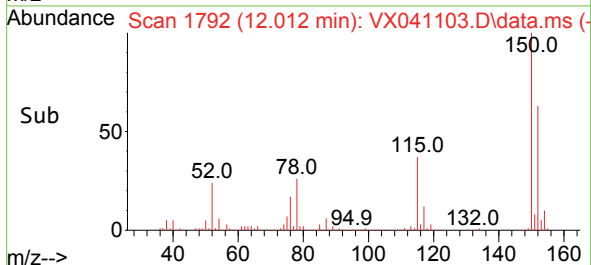
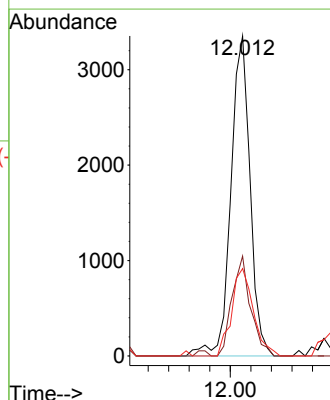
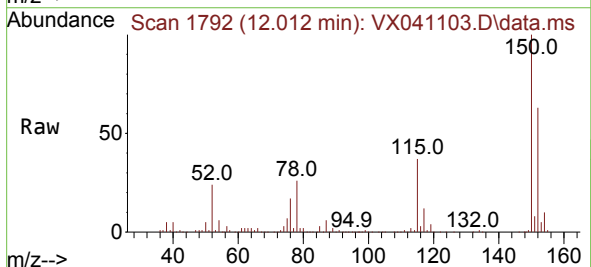
Tgt Ion:119 Resp: 4351

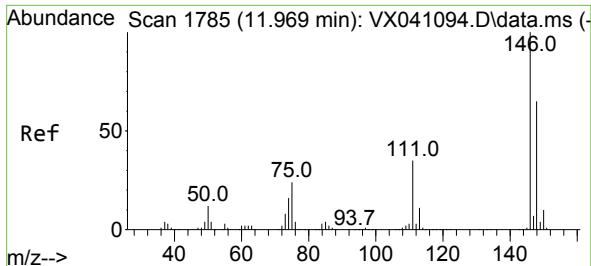
Ion Ratio Lower Upper

119 100

134 30.3 12.8 38.3

91 30.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.302 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX041103.D

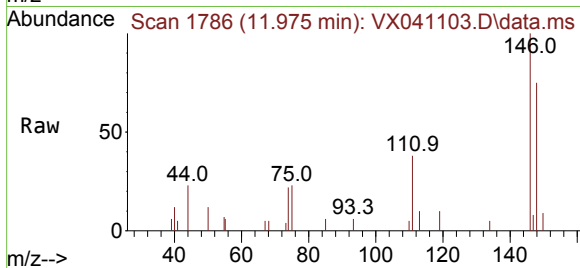
Acq: 16 Apr 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

240410102-02-VOADL



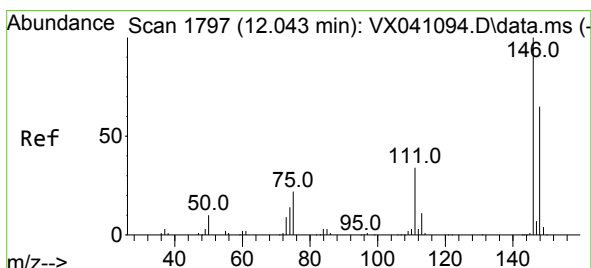
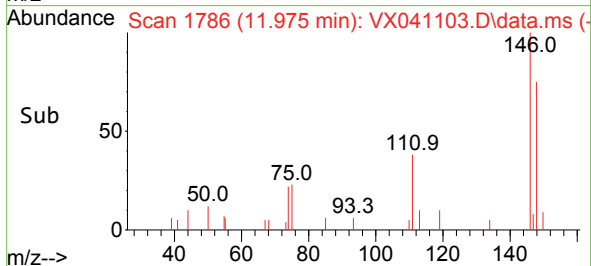
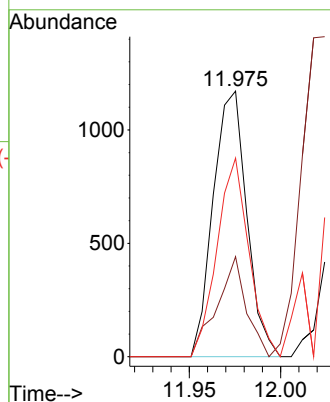
Tgt Ion:146 Resp: 1497

Ion Ratio Lower Upper

146 100

111 32.8 22.1 66.1

148 71.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.287 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX041103.D

Acq: 16 Apr 2024 14:33

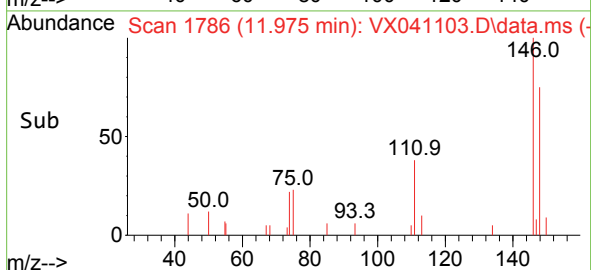
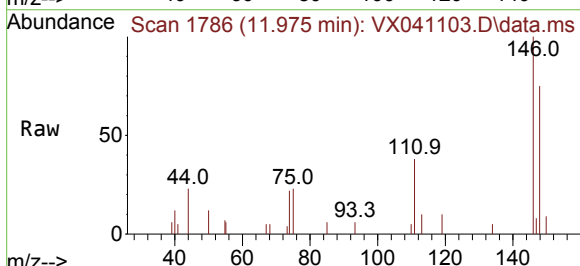
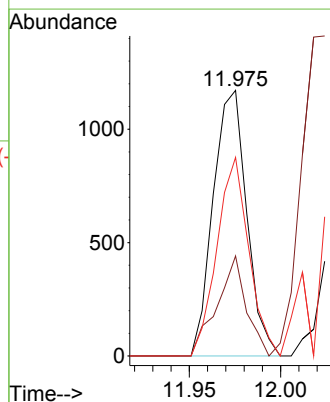
Tgt Ion:146 Resp: 1497

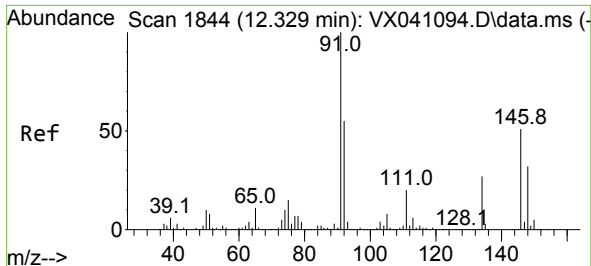
Ion Ratio Lower Upper

146 100

111 32.8 21.3 63.7

148 71.1 31.8 95.4





#89

n-Butylbenzene

Concen: 0.319 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041103.D

Acq: 16 Apr 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

240410102-02-VOADL

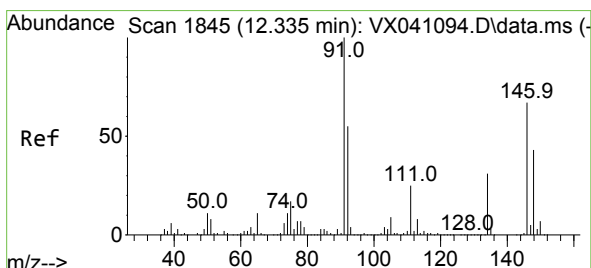
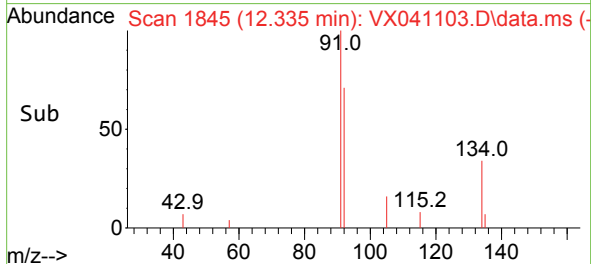
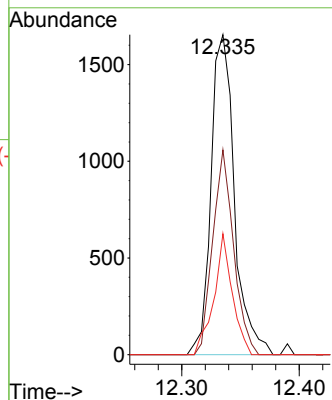
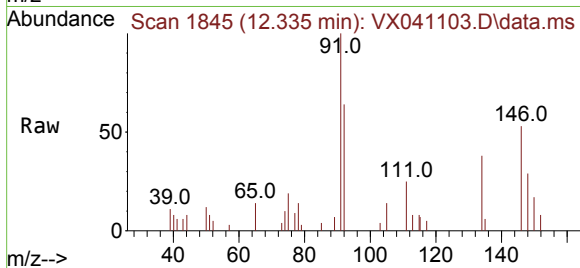
Tgt Ion: 91 Resp: 2287

Ion Ratio Lower Upper

91 100

92 57.3 27.4 82.0

134 29.9 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.250 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041103.D

Acq: 16 Apr 2024 14:33

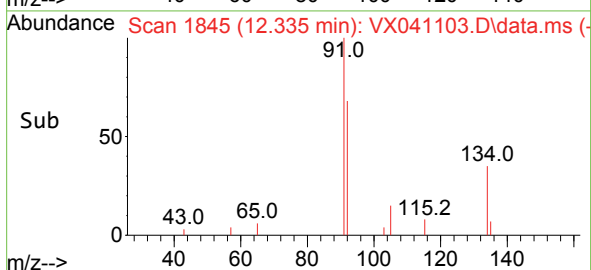
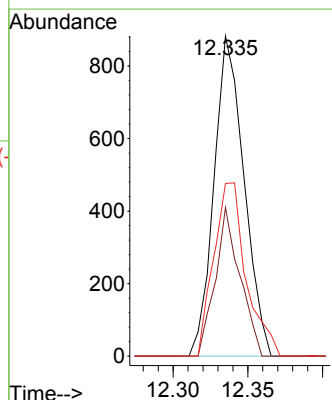
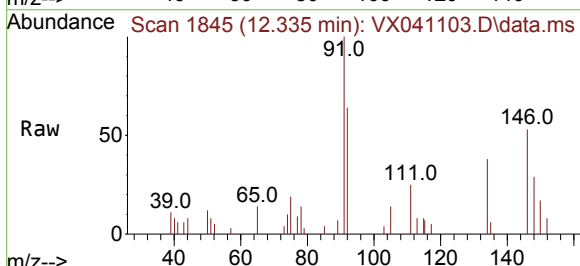
Tgt Ion: 146 Resp: 1231

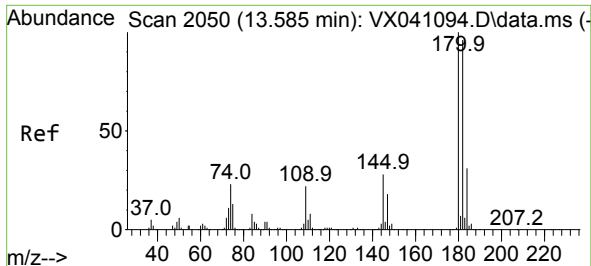
Ion Ratio Lower Upper

146 100

111 38.3 22.4 67.0

148 58.3 31.6 95.0

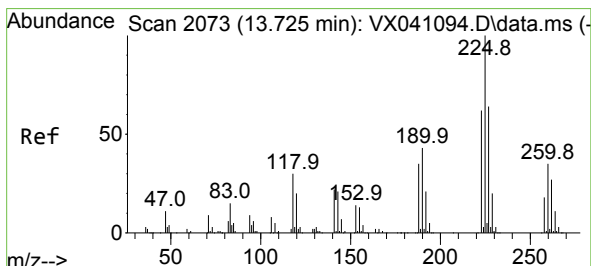
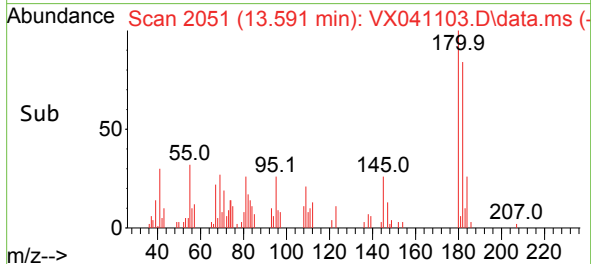
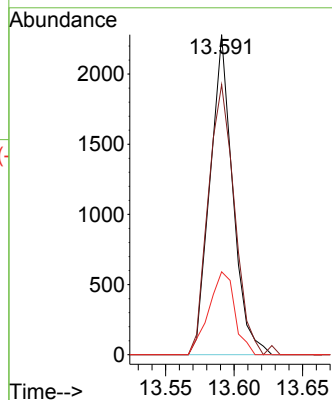
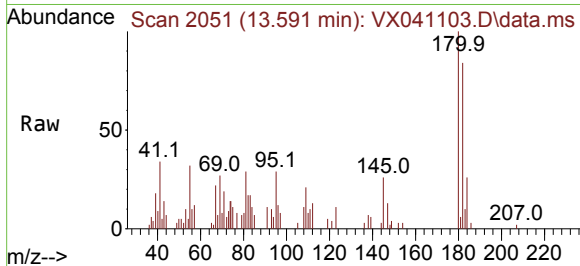




#93
1,2,4-Trichlorobenzene
Concen: 0.713 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

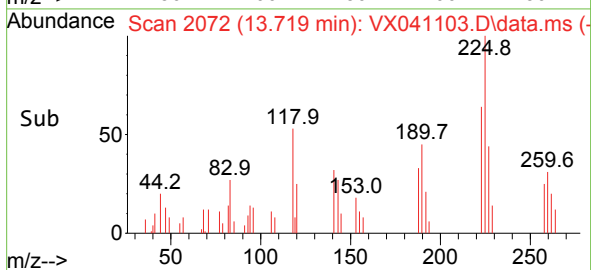
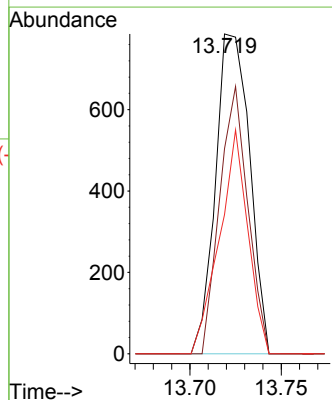
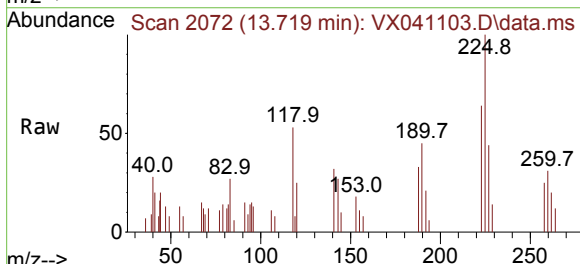
Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL

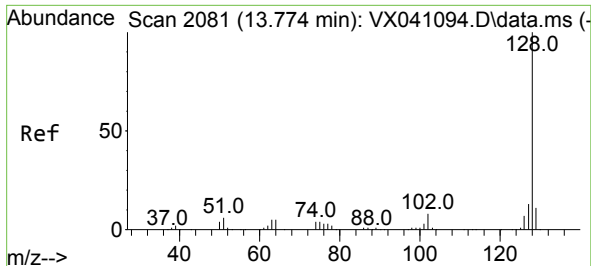
Tgt Ion:180 Resp: 2633
Ion Ratio Lower Upper
180 100
182 97.8 48.3 144.8
145 29.6 18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.582 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

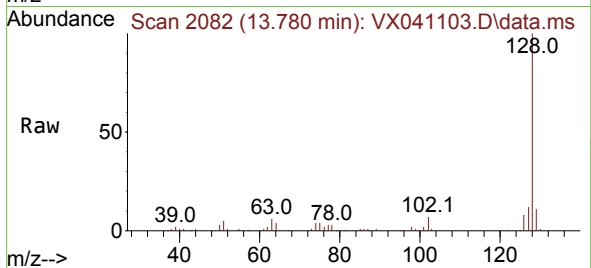
Tgt Ion:225 Resp: 1025
Ion Ratio Lower Upper
225 100
223 68.8 31.1 93.2
227 58.2 32.5 97.5



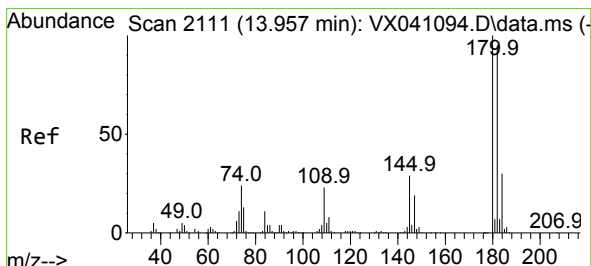
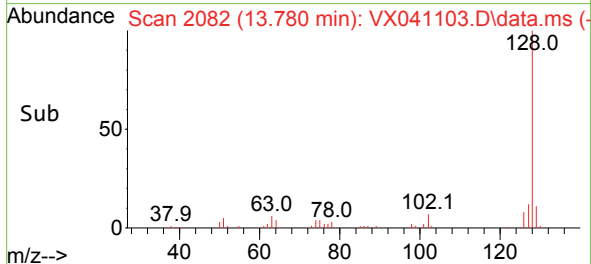
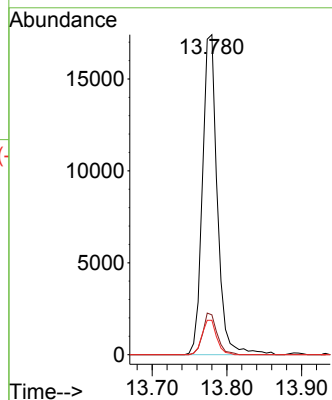


#95
Naphthalene
Concen: 2.409 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Instrument :
MSVOA_X
ClientSampleId :
240410102-02-VOADL



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.6	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.563 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX041103.D
Acq: 16 Apr 2024 14:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	46.9	140.6
145	28.7	17.8	53.5

