

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039961.D
 Acq On : 25 Jan 2024 17:59
 Operator : JC/MD
 Sample : P1258-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 01:38:16 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	5.556	168	84302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149931	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65012	46.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.080%
35) Dibromofluoromethane	5.385	113	48009	47.541	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.080%
50) Toluene-d8	8.647	98	176628	46.375	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.740%
62) 4-Bromofluorobenzene	11.079	95	73000	49.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	852	0.684	ug/l #	73
8) Diethyl Ether	2.136	74	398	0.635	ug/l #	1
11) Tert butyl alcohol	2.953	59	840	2.285	ug/l #	78
13) Acrolein	2.215	56	3998	2.570	ug/l #	1
14) Allyl chloride	2.746	41	7769	3.890	ug/l #	6
15) Acrylonitrile	3.111	53	623	0.820	ug/l #	13
16) Acetone	2.380	43	28672	36.102	ug/l #	87
18) Methyl Acetate	2.703	43	1007	0.606	ug/l #	57
19) Methyl tert-butyl Ether	3.111	73	30877	8.572	ug/l #	55
20) Methylene Chloride	2.788	84	607	0.505	ug/l #	79
22) Diisopropyl ether	3.764	45	6778	1.779	ug/l #	74
23) Vinyl Acetate	3.764	43	4286	1.210	ug/l #	73
25) 2-Butanone	4.568	43	16167	14.165	ug/l	97
29) Tetrahydrofuran	5.032	42	274	0.373	ug/l #	57
31) Cyclohexane	5.477	56	14741	7.909	ug/l	94
36) 1,1-Dichloropropene	5.550	75	7739	4.923	ug/l #	50
37) Ethyl Acetate	4.715	43	41354	19.721	ug/l	97
38) Carbon Tetrachloride	5.556	117	9398	6.528	ug/l #	16
39) Methylcyclohexane	7.385	83	3633	1.925	ug/l	87
40) Benzene	6.038	78	1041467	233.986	ug/l	100
42) 1,2-Dichloroethane	6.038	62	9974	5.894	ug/l #	77
48) Methyl methacrylate	7.647	41	346	0.229	ug/l #	77
51) 4-Methyl-2-Pentanone	8.580	43	520	0.245	ug/l	88
52) Toluene	8.720	92	874412	328.906	ug/l	96
53) t-1,3-Dichloropropene	8.720	75	11000	6.787	ug/l #	1
59) 2-Hexanone	9.458	43	432	0.258	ug/l #	59
67) Ethyl Benzene	10.195	91	102428	18.961	ug/l	99
68) m/p-Xylenes	10.299	106	122338	61.580	ug/l	96
69) o-Xylene	10.640	106	52082	26.472	ug/l	92
70) Styrene	10.647	104	3016	0.938	ug/l #	1
73) Isopropylbenzene	10.964	105	3728	0.704	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	41159	23.862	ug/l #	38
78) n-propylbenzene	11.305	91	8410	1.312	ug/l	97
79) 2-Chlorotoluene	11.378	91	5437	1.372	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	13106	2.913	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	41159	68.618	ug/l #	5

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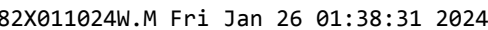
Instrument :
MSVOA_X
ClientSampleId :

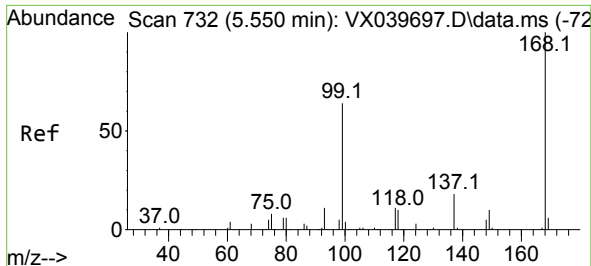
Quant Time: Jan 26 01:38:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.451	91	1867	0.415	ug/l #	48
83) tert-Butylbenzene	11.969	119	1426	0.332	ug/l	68
84) 1,2,4-Trimethylbenzene	11.750	105	48565	10.821	ug/l	96
85) sec-Butylbenzene	11.750	105	48565	8.711	ug/l #	57
86) p-Isopropyltoluene	11.969	119	1479	0.332	ug/l	85
89) n-Butylbenzene	12.317	91	2445	0.568	ug/l #	25
90) Hexachloroethane	12.530	117	815	1.084	ug/l #	17
95) Naphthalene	13.774	128	20044	3.986	ug/l	99

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

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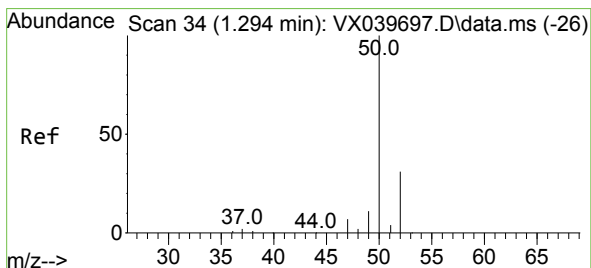
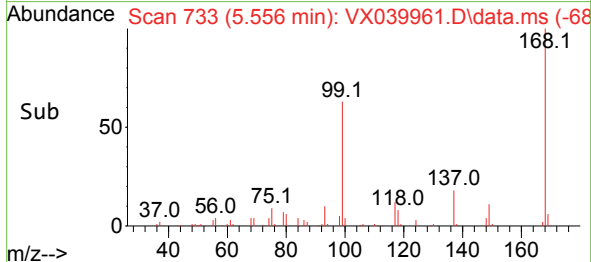
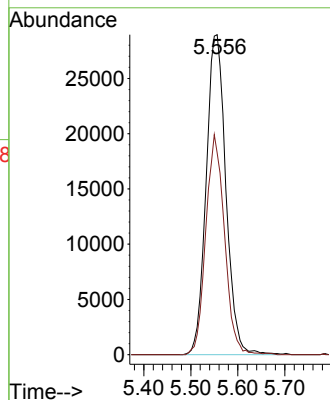
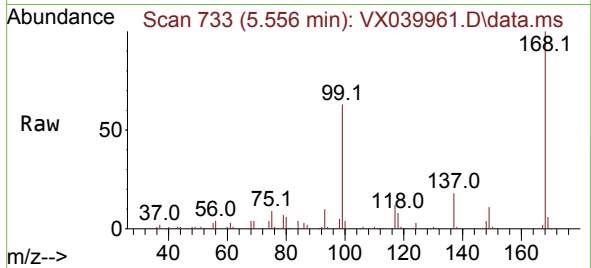




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

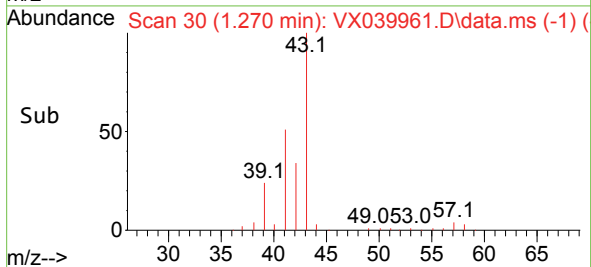
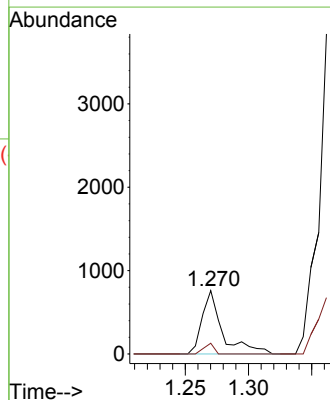
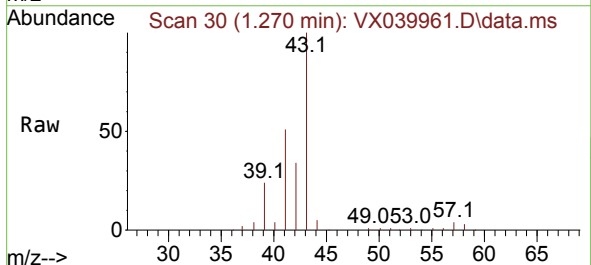
Instrument :
MSVOA_X
ClientSampleId :

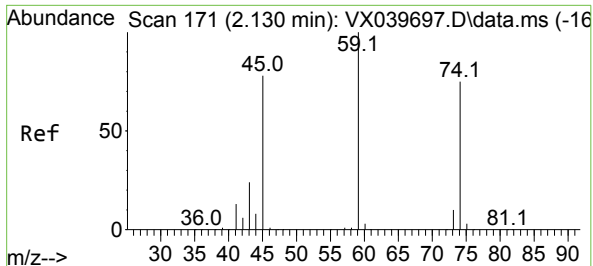
Tgt Ion:168 Resp: 84302
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#3
Chloromethane
Concen: 0.684 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 50 Resp: 852
Ion Ratio Lower Upper
50 100
52 16.8 25.5 38.3#





#8

Diethyl Ether

Concen: 0.635 ug/l

RT: 2.136 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

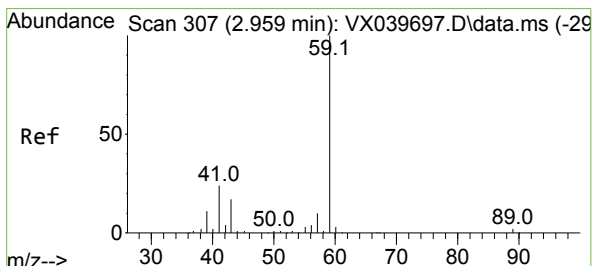
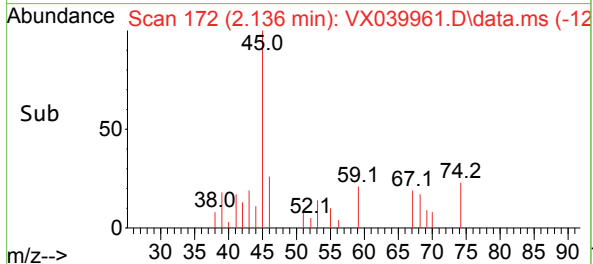
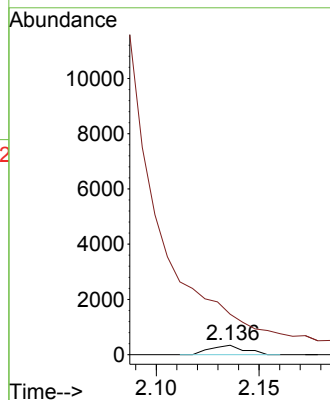
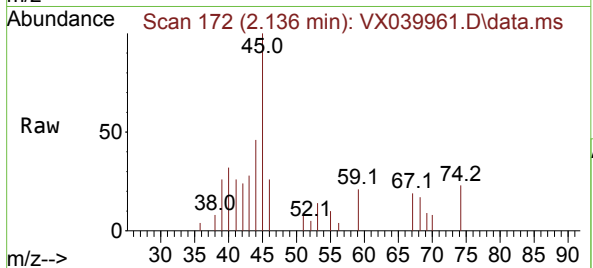
ClientSampleId :

Tgt Ion: 74 Resp: 398

Ion Ratio Lower Upper

74 100

45 0.0 53.3 159.8#



#11

Tert butyl alcohol

Concen: 2.285 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039961.D

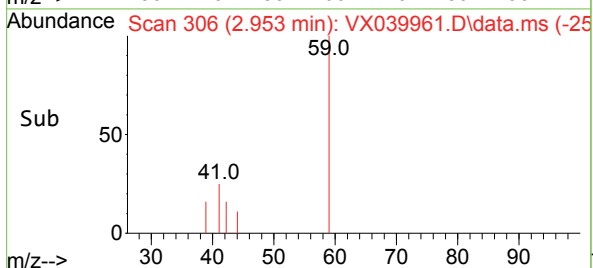
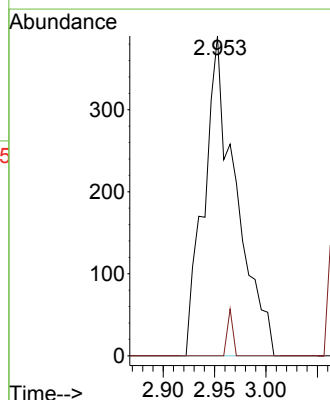
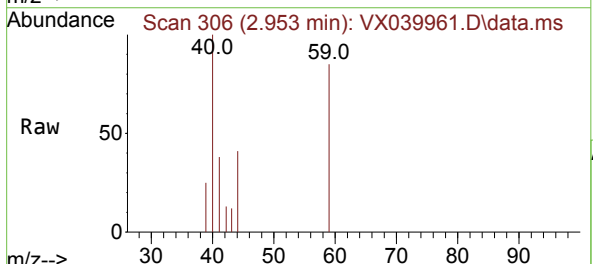
Acq: 25 Jan 2024 17:59

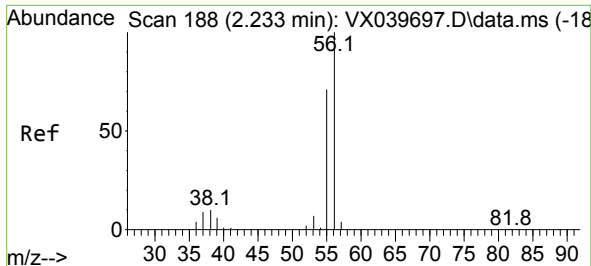
Tgt Ion: 59 Resp: 840

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 2.570 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

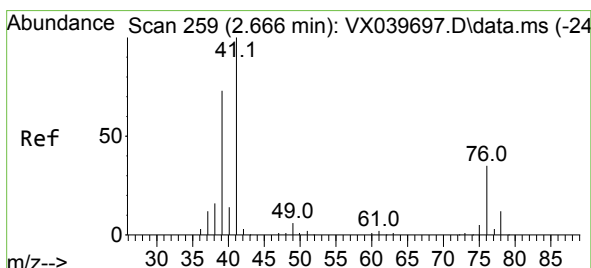
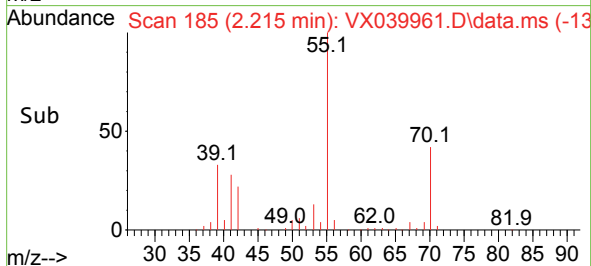
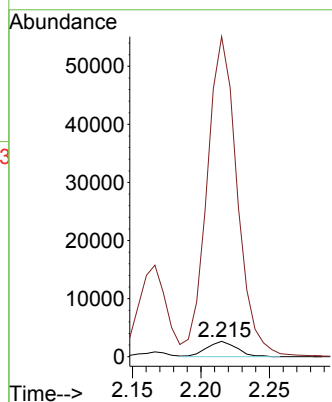
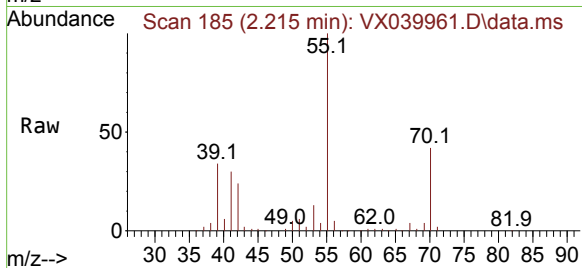
ClientSampleId :

Tgt Ion: 56 Resp: 3998

Ion Ratio Lower Upper

56 100

55 2110.3 57.1 85.7#



#14

Allyl chloride

Concen: 3.890 ug/l

RT: 2.746 min Scan# 272

Delta R.T. 0.079 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

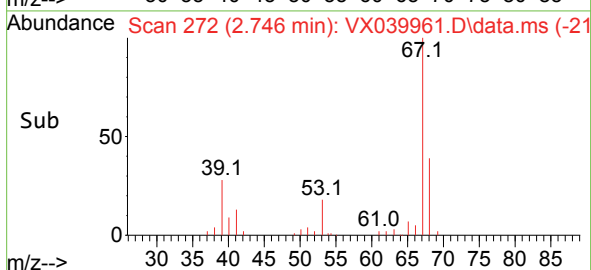
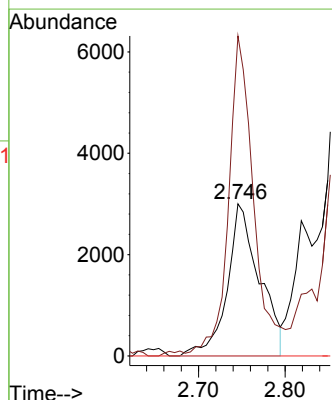
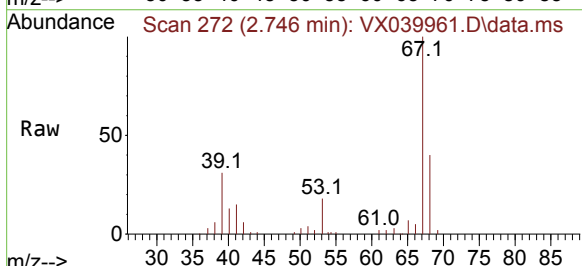
Tgt Ion: 41 Resp: 7769

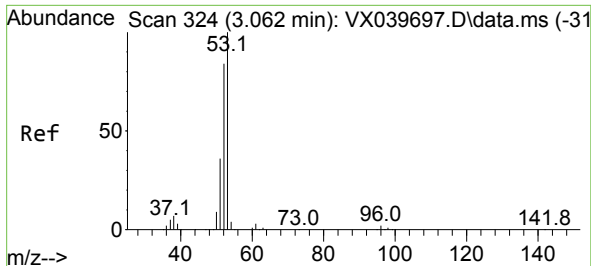
Ion Ratio Lower Upper

41 100

39 160.0 55.8 83.6#

76 0.0 24.3 36.5#

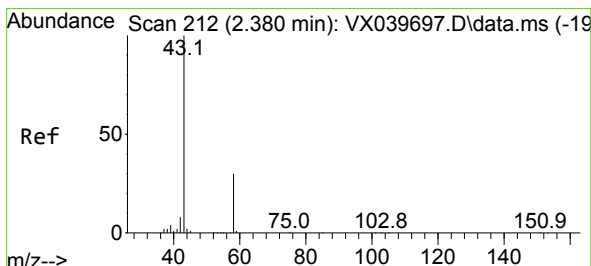
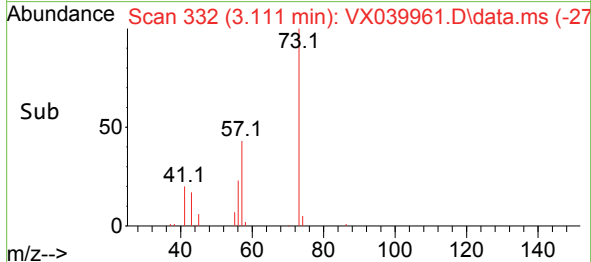
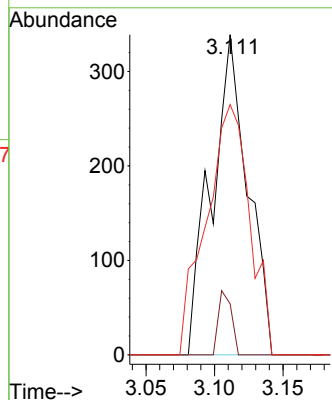
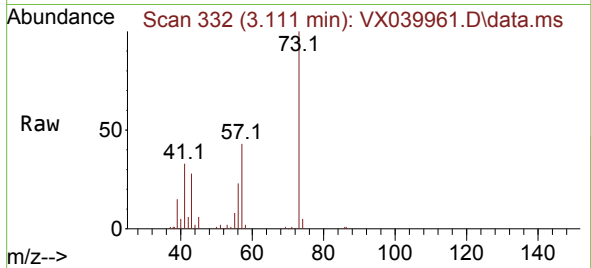




#15
Acrylonitrile
Concen: 0.820 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.049 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

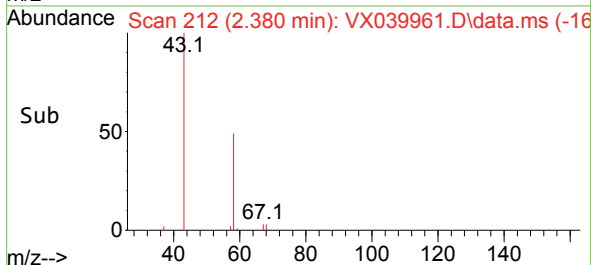
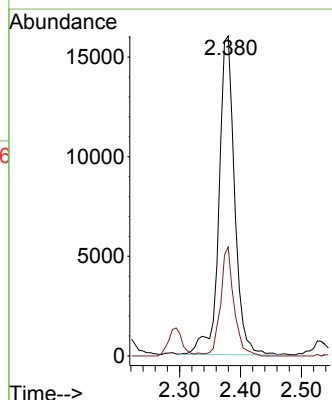
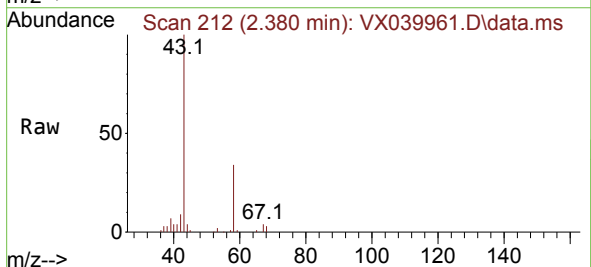
Instrument :
MSVOA_X
ClientSampleId :

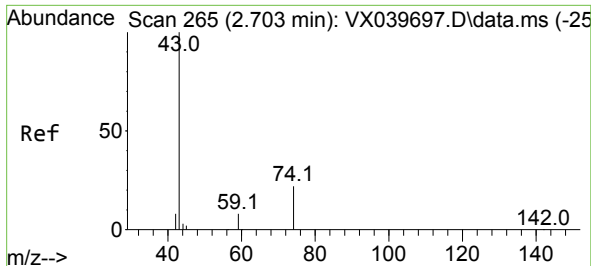
Tgt Ion: 53 Resp: 623
Ion Ratio Lower Upper
53 100
52 7.2 66.0 99.0#
51 94.1 29.8 44.6#



#16
Acetone
Concen: 36.102 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 43 Resp: 28672
Ion Ratio Lower Upper
43 100
58 34.2 21.9 32.9#

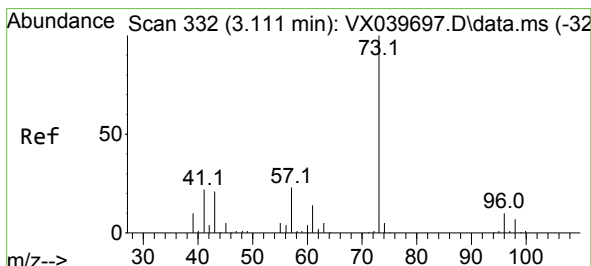
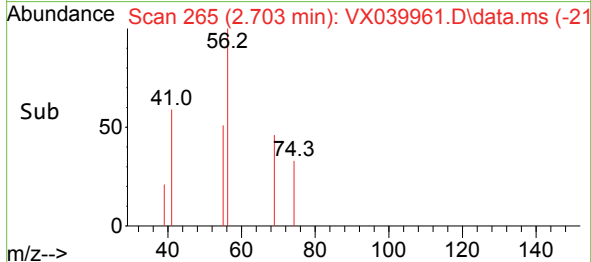
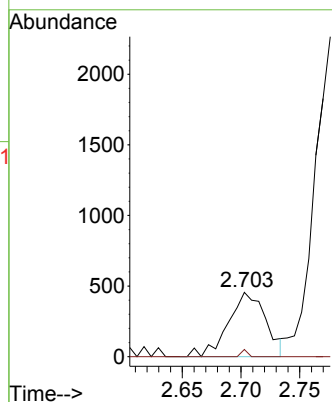
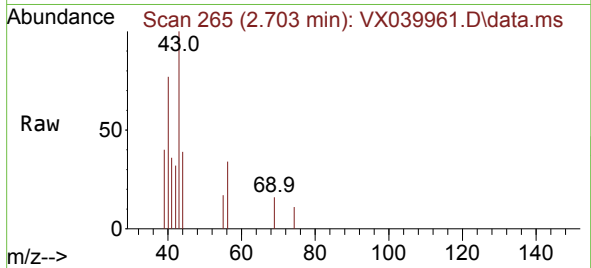




#18
Methyl Acetate
Concen: 0.606 ug/l
RT: 2.703 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

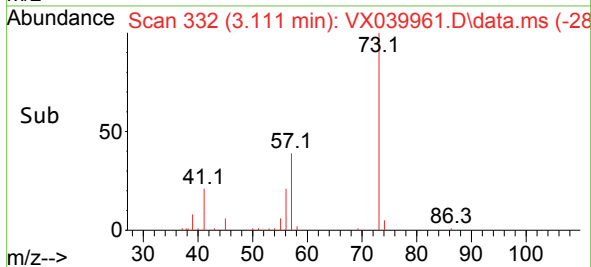
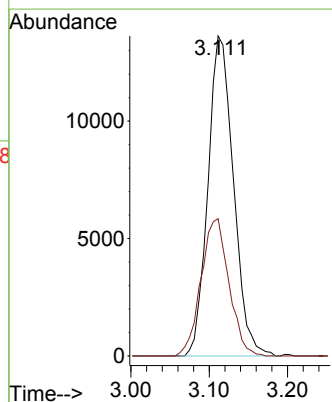
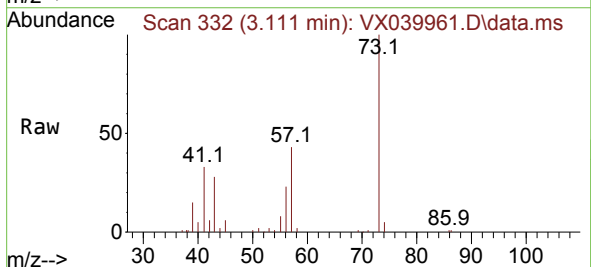
Instrument :
MSVOA_X
ClientSampleId :

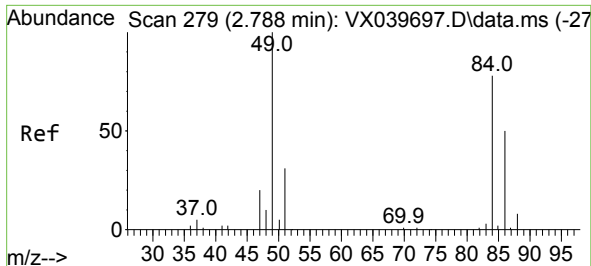
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
74 1.9 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 8.572 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

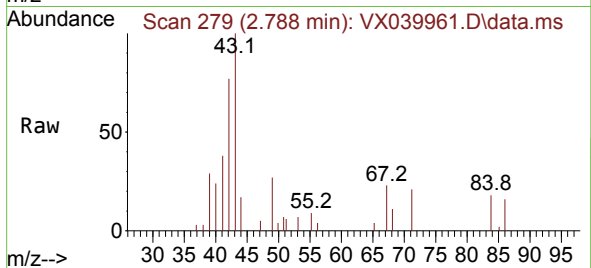
Tgt Ion: 73 Resp: 30877
Ion Ratio Lower Upper
73 100
57 42.9 17.3 25.9#





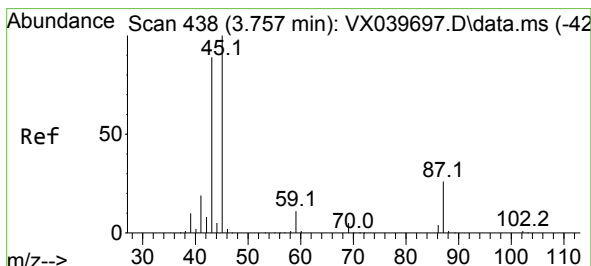
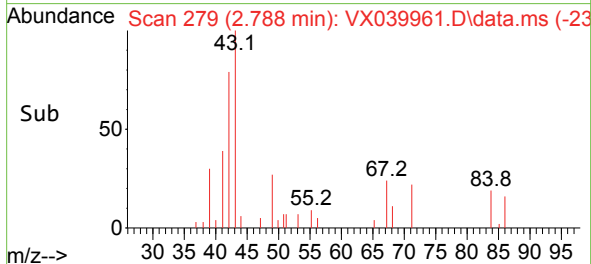
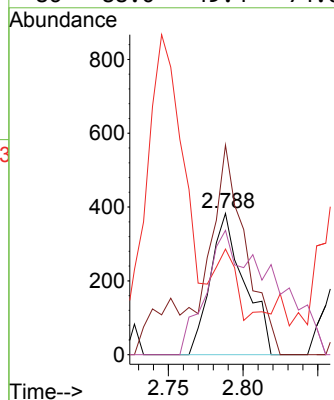
#20
Methylene Chloride
Concen: 0.505 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 607

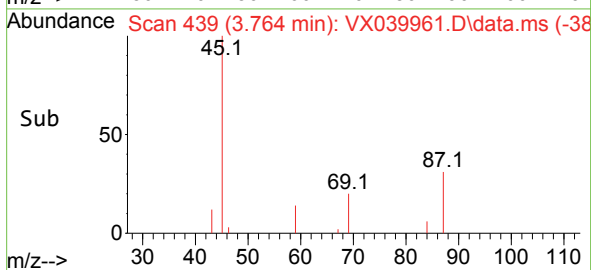
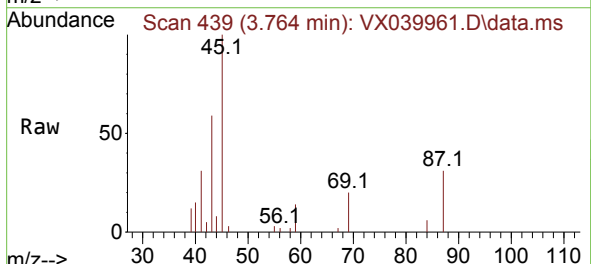
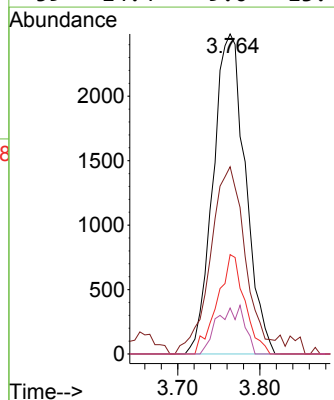
Ion	Ratio	Lower	Upper
84	100		
49	148.3	103.6	155.4
51	31.6	33.8	50.6#
86	88.0	49.4	74.0#

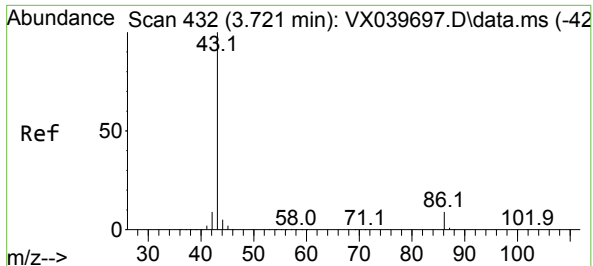


#22
Diisopropyl ether
Concen: 1.779 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 45 Resp: 6778

Ion	Ratio	Lower	Upper
45	100		
43	55.9	69.7	104.5#
87	31.1	20.8	31.2
59	14.4	9.0	13.4#

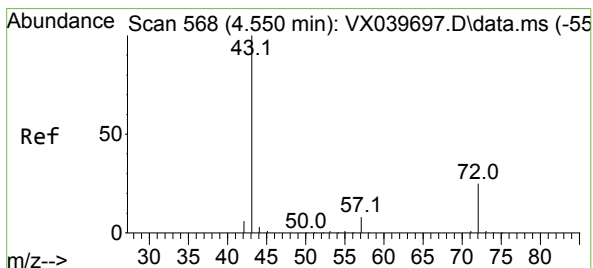
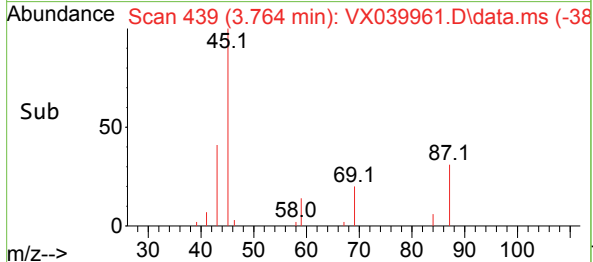
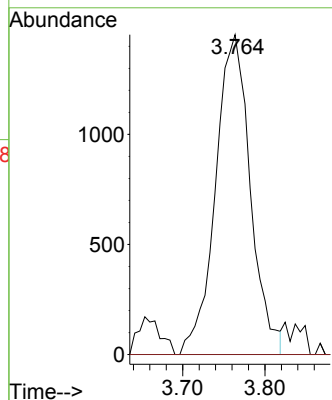
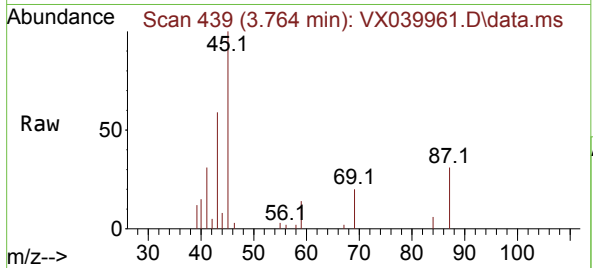




#23
 Vinyl Acetate
 Concen: 1.210 ug/l
 RT: 3.764 min Scan# 41
 Delta R.T. 0.043 min
 Lab File: VX039961.D
 Acq: 25 Jan 2024 17:59

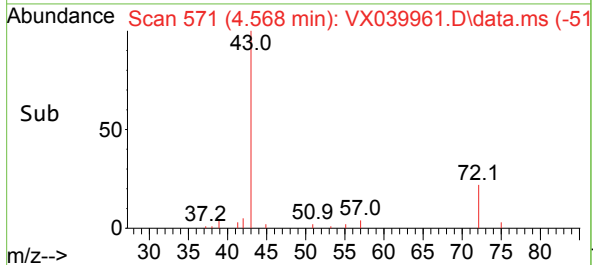
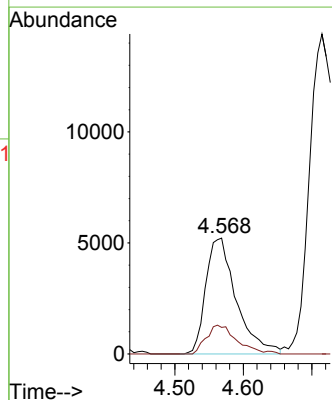
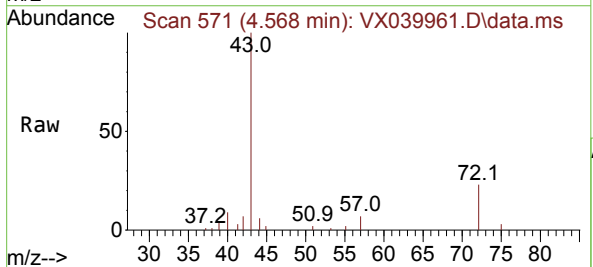
Instrument :
 MSVOA_X
 ClientSampleId :

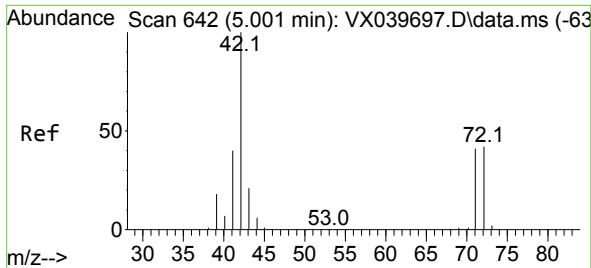
Tgt Ion: 43 Resp: 4286
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 14.165 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: VX039961.D
 Acq: 25 Jan 2024 17:59

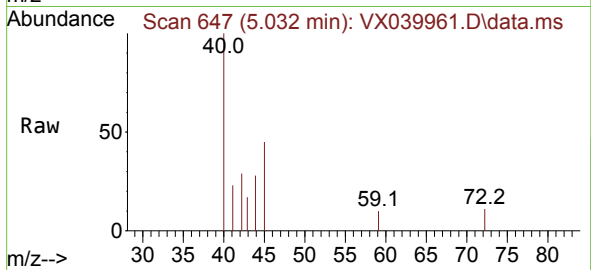
Tgt Ion: 43 Resp: 16167
 Ion Ratio Lower Upper
 43 100
 72 23.0 19.4 29.2



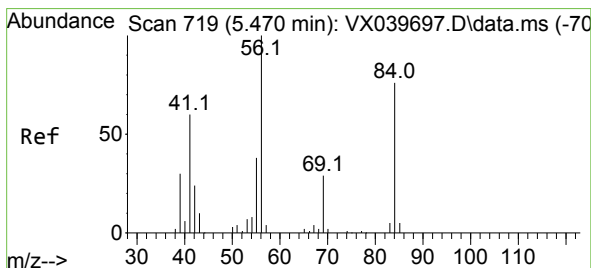
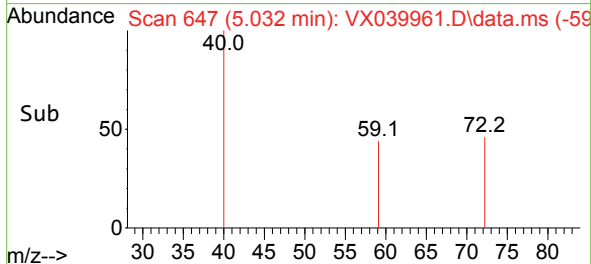
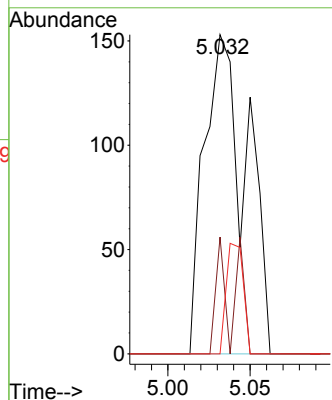


#29
Tetrahydrofuran
Concen: 0.373 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.031 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :

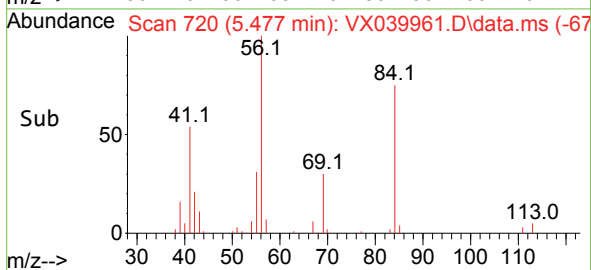
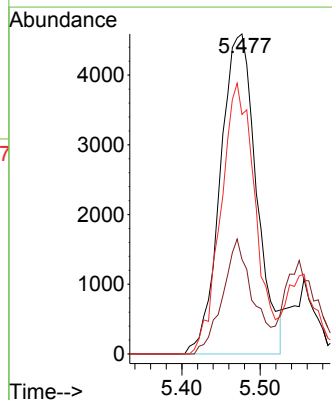
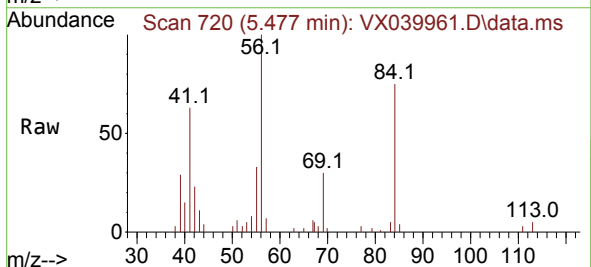


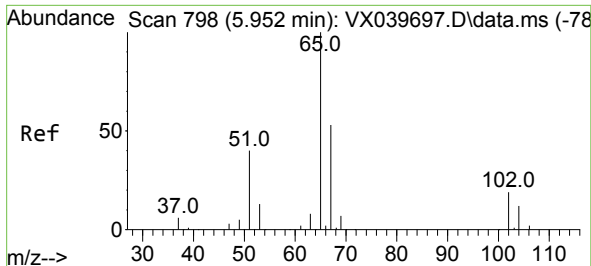
Tgt Ion: 42 Resp: 274
Ion Ratio Lower Upper
42 100
72 15.0 34.2 51.4#
71 13.9 32.2 48.2#



#31
Cyclohexane
Concen: 7.909 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 56 Resp: 14741
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 74.9 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.037 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

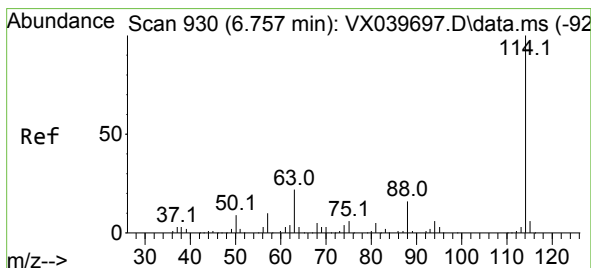
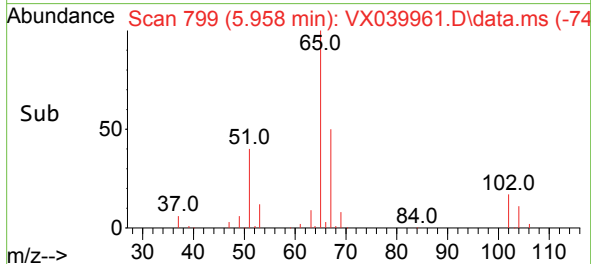
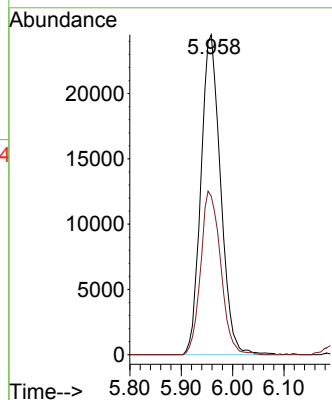
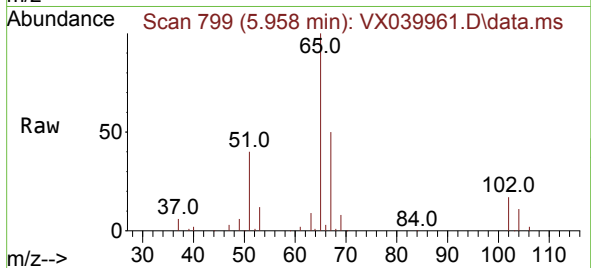
ClientSampleId :

Tgt Ion: 65 Resp: 65012

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

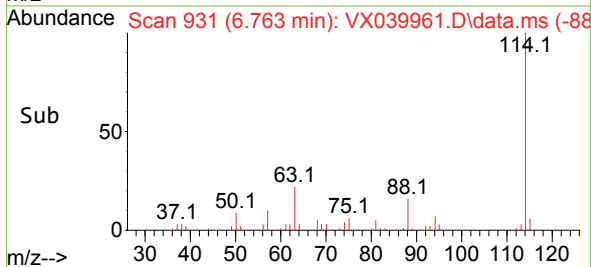
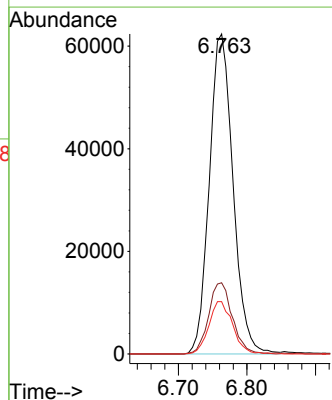
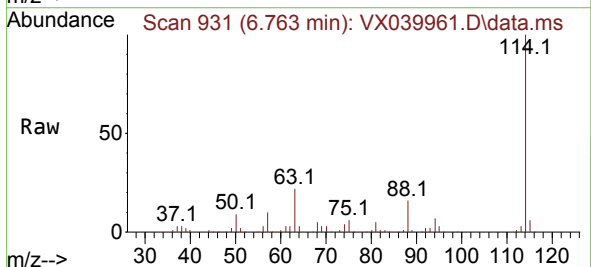
Tgt Ion: 114 Resp: 149931

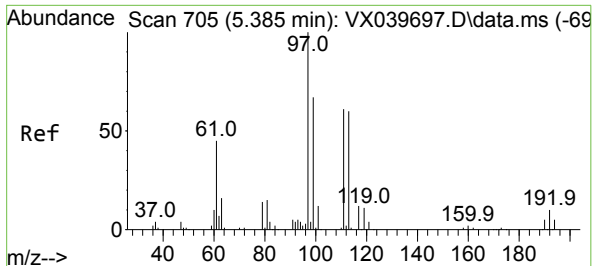
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

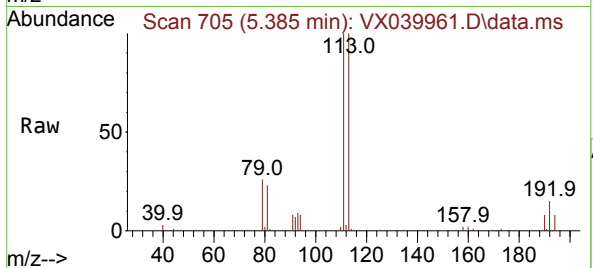
88 16.4 0.0 36.6



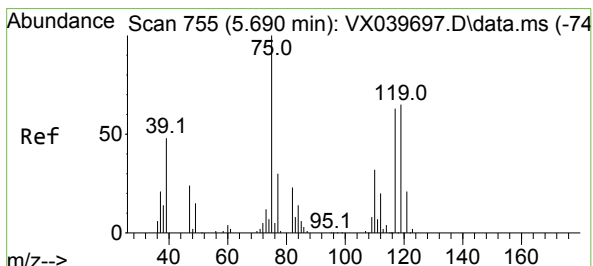
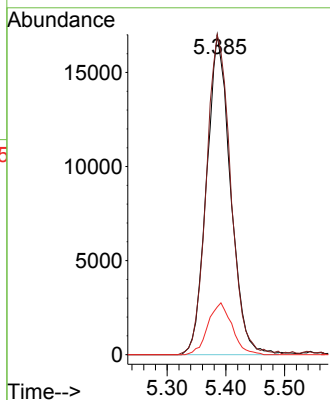
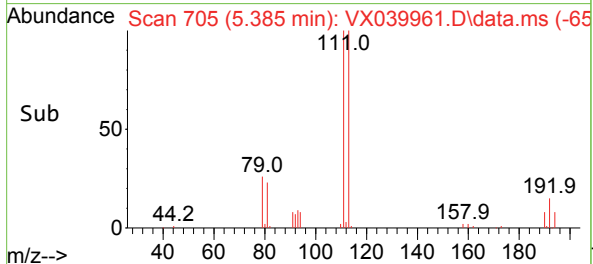


#35
Dibromofluoromethane
Concen: 47.541 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :

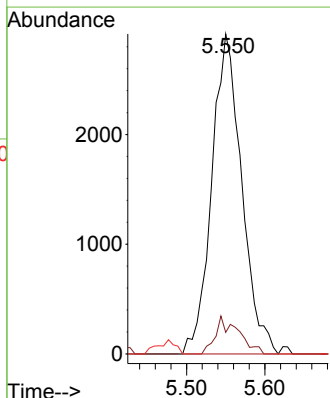
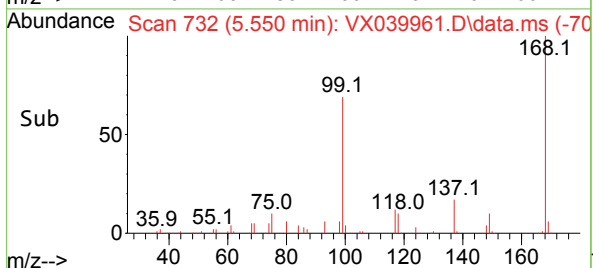
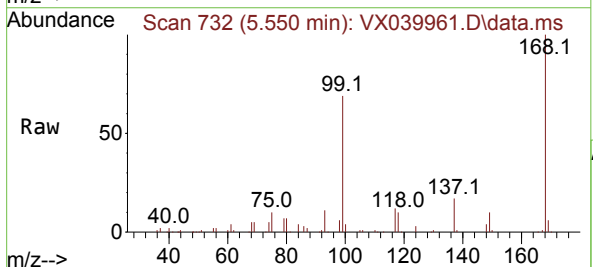


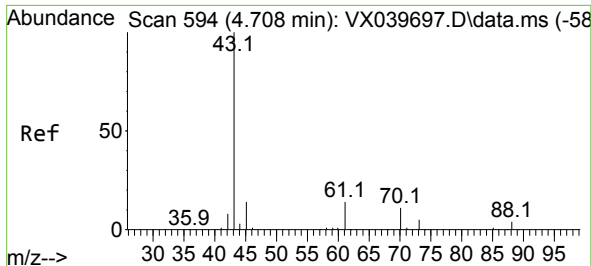
Tgt Ion:113 Resp: 48009
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.923 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 75 Resp: 7739
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 19.721 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

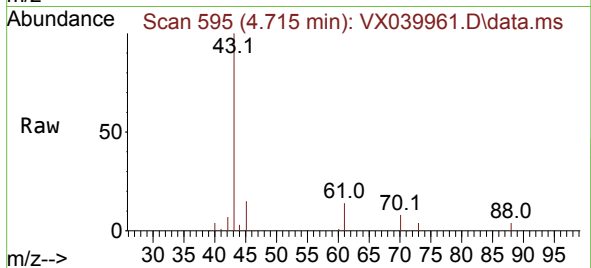
Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

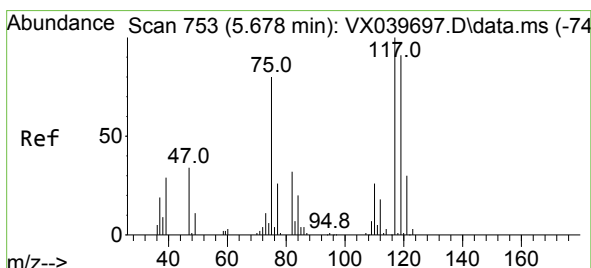
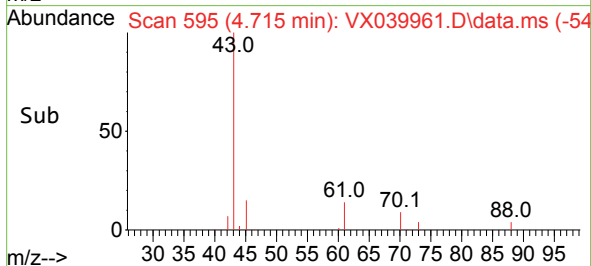
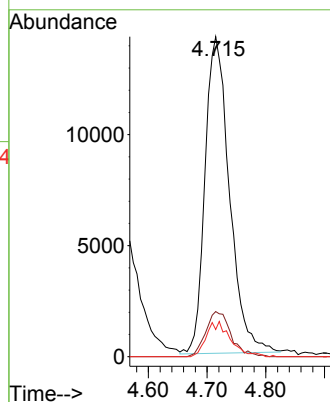
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 41354
Ion Ratio	Lower Upper
43	100
61	14.7 10.6 16.0
70	10.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 6.528 ug/l

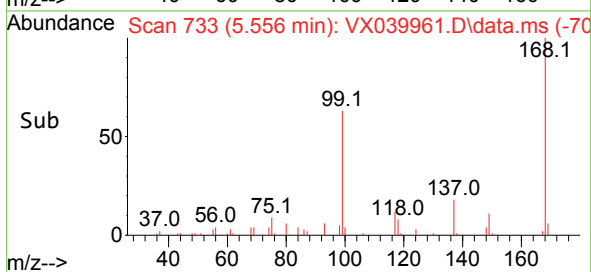
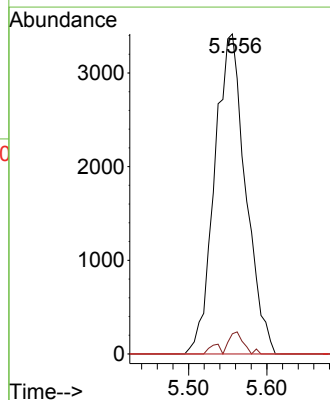
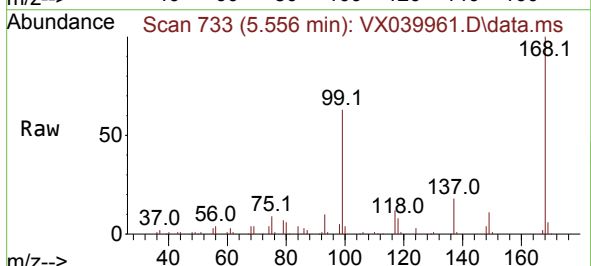
RT: 5.556 min Scan# 733

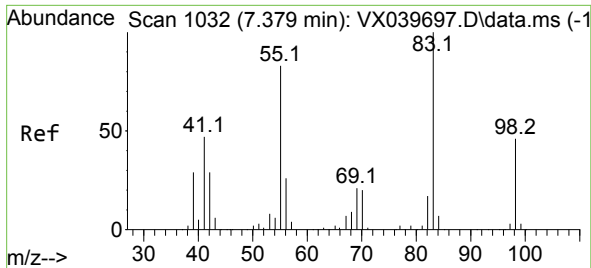
Delta R.T. -0.122 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Tgt Ion: 117	Resp: 9398
Ion Ratio	Lower Upper
117	100
119	6.3 78.2 117.2#
121	0.0 24.4 36.6#

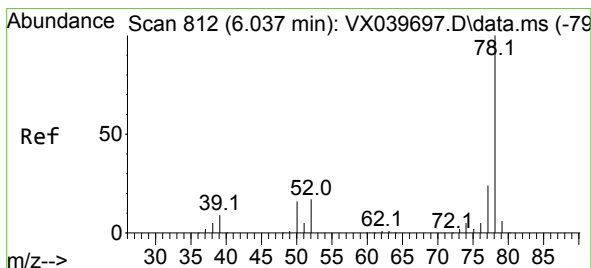
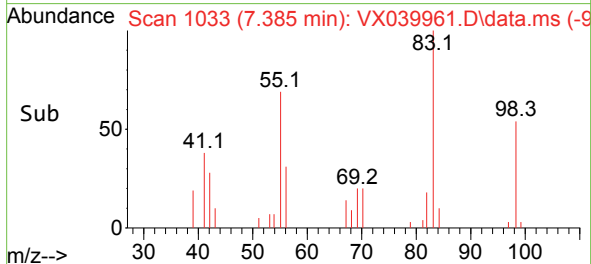
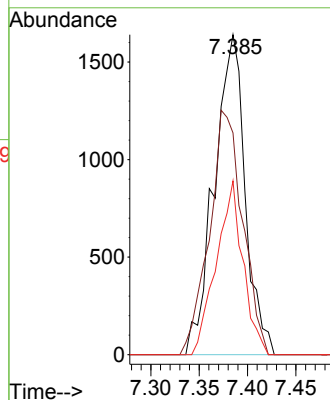
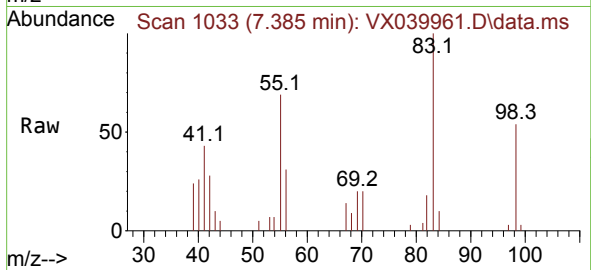




#39
Methylcyclohexane
Concen: 1.925 ug/l
RT: 7.385 min Scan# 10
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

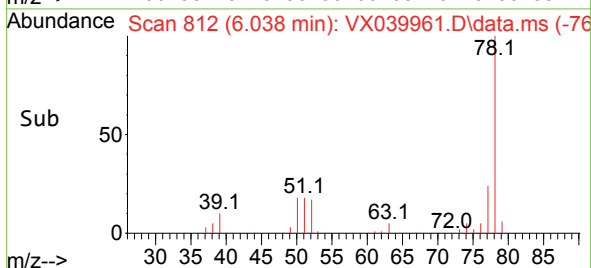
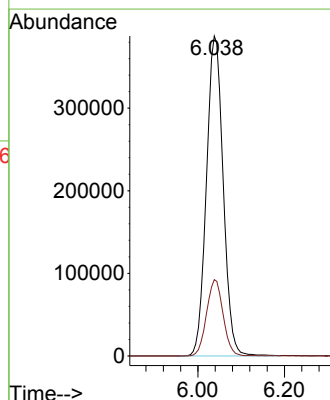
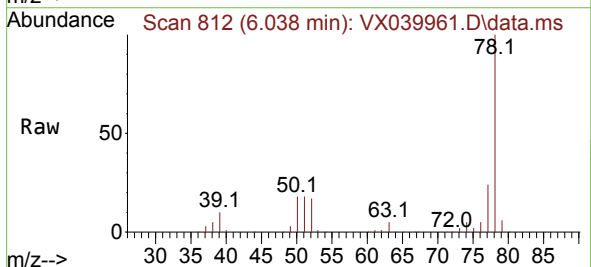
Instrument :
MSVOA_X
ClientSampleId :

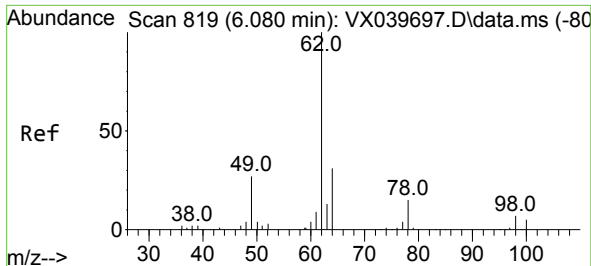
Tgt Ion: 83 Resp: 3633
Ion Ratio Lower Upper
83 100
55 69.3 64.6 97.0
98 54.3 36.7 55.1



#40
Benzene
Concen: 233.986 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 78 Resp: 1041467
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#42

1,2-Dichloroethane

Concen: 5.894 ug/l

RT: 6.038 min Scan# 81

Delta R.T. -0.043 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

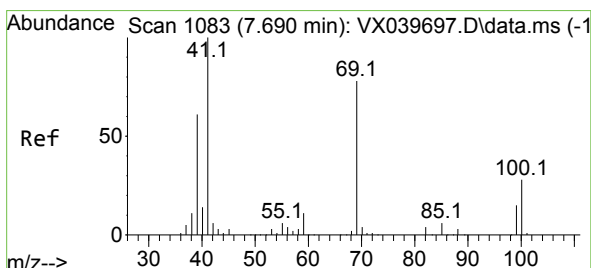
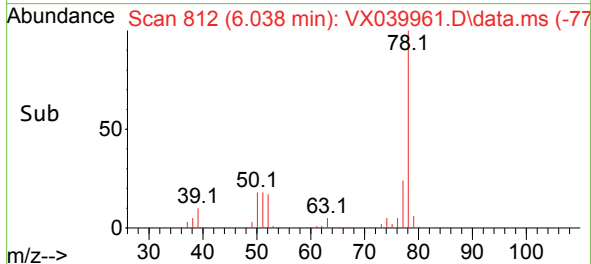
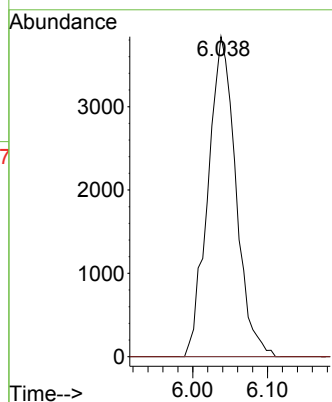
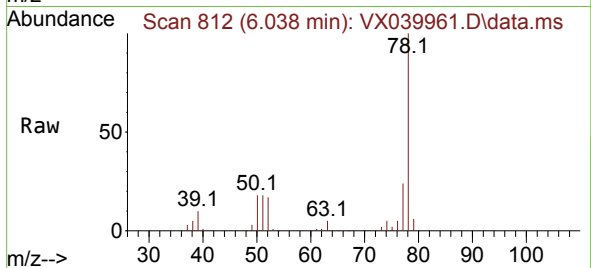
ClientSampleId :

Tgt Ion: 62 Resp: 9974

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0



#48

Methyl methacrylate

Concen: 0.229 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.043 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

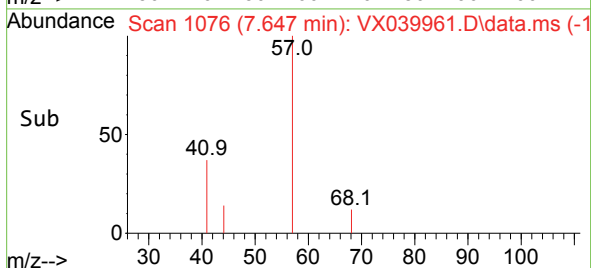
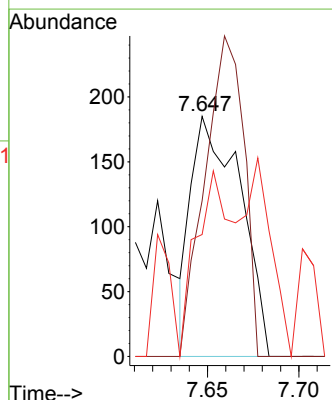
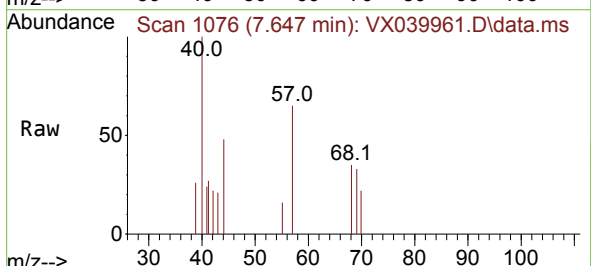
Tgt Ion: 41 Resp: 346

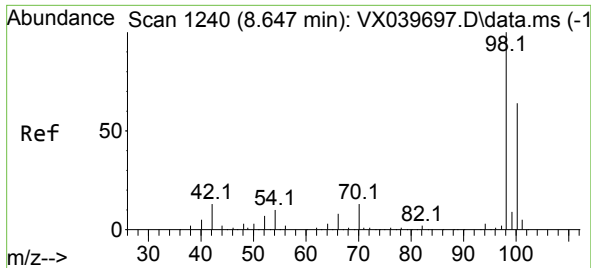
Ion Ratio Lower Upper

41 100

69 106.1 59.2 88.8#

39 56.6 47.7 71.5

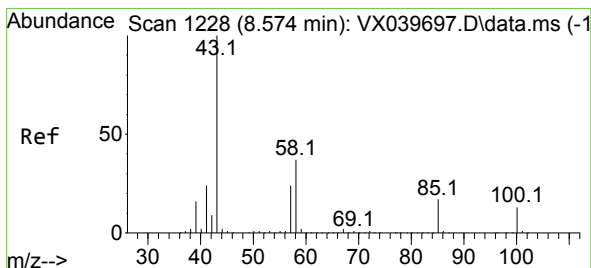
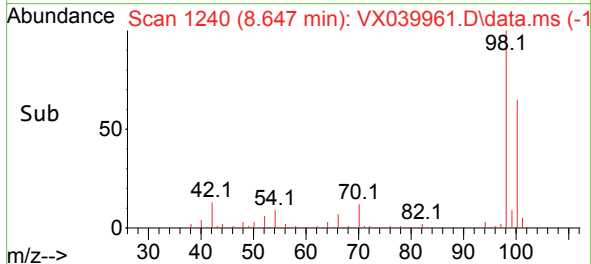
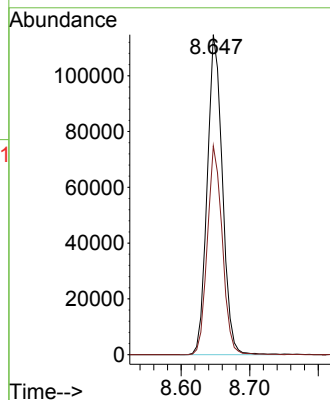
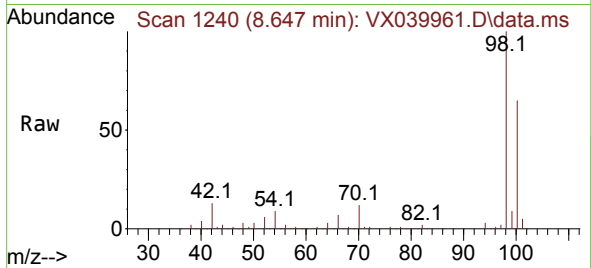




#50
Toluene-d8
Concen: 46.375 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

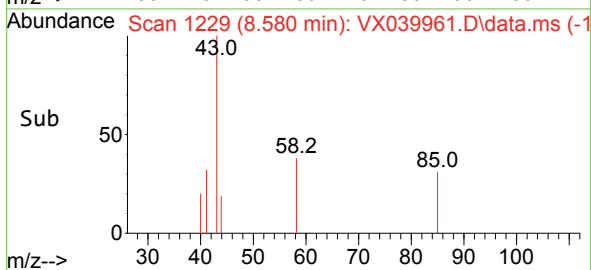
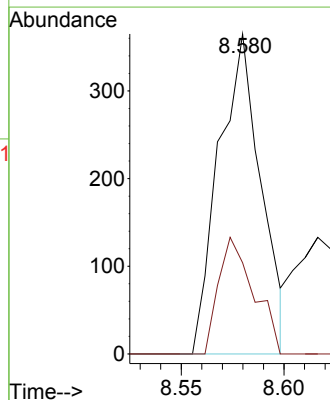
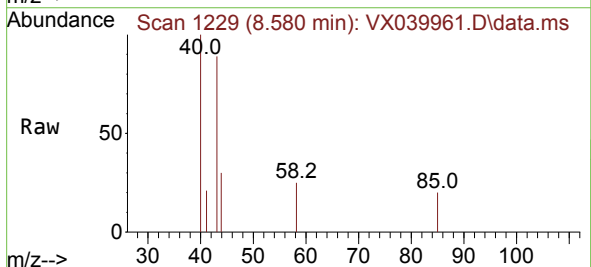
Instrument :
MSVOA_X
ClientSampleId :

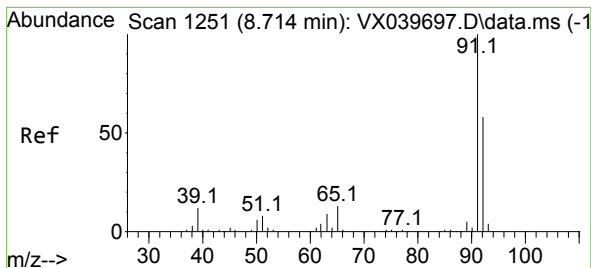
Tgt Ion: 98 Resp: 176628
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 43 Resp: 520
Ion Ratio Lower Upper
43 100
58 30.6 30.4 45.6





#52

Toluene

Concen: 328.906 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

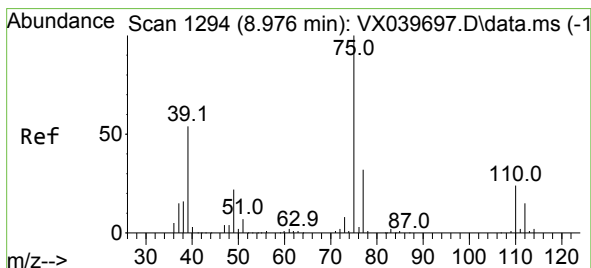
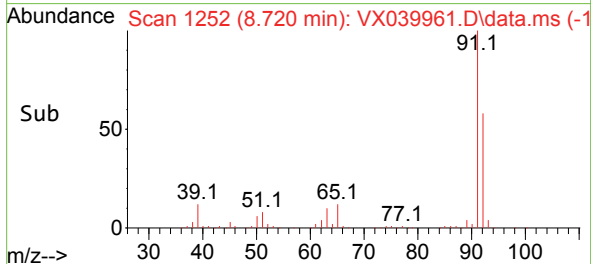
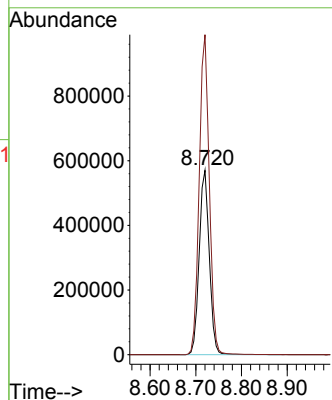
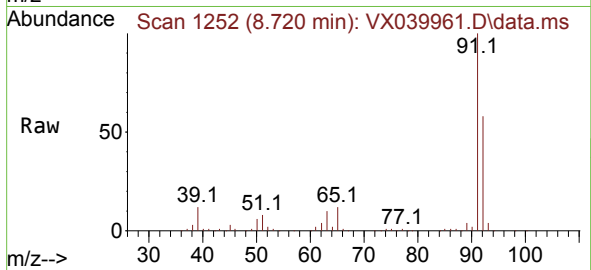
ClientSampleId :

Tgt Ion: 92 Resp: 874412

Ion Ratio Lower Upper

92 100

91 173.1 134.2 201.2



#53

t-1,3-Dichloropropene

Concen: 6.787 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.256 min

Lab File: VX039961.D

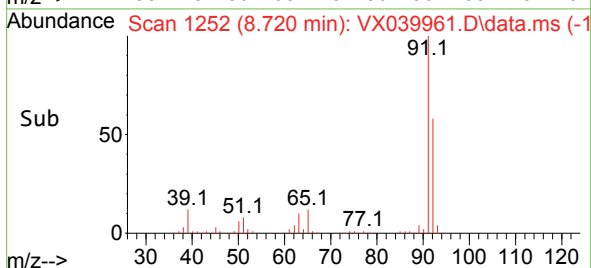
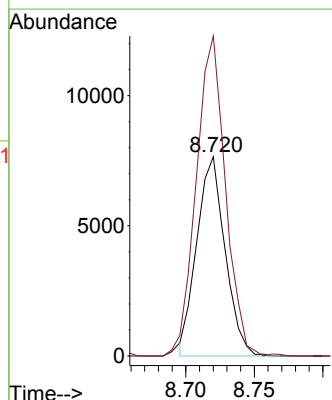
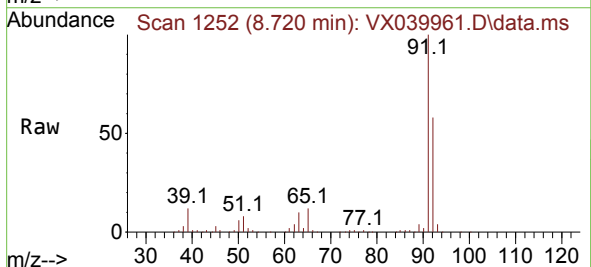
Acq: 25 Jan 2024 17:59

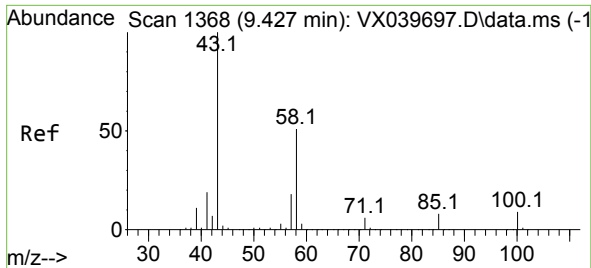
Tgt Ion: 75 Resp: 11000

Ion Ratio Lower Upper

75 100

77 159.8 25.7 38.5#

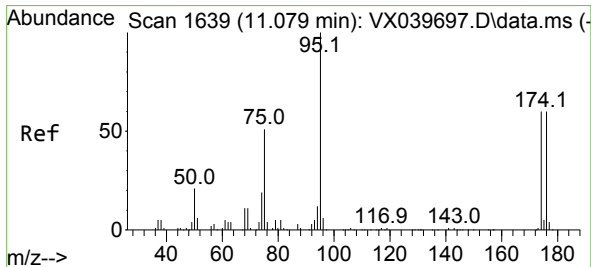
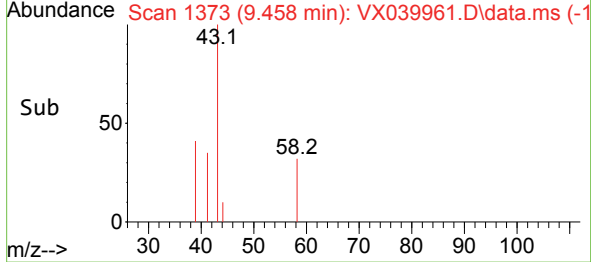
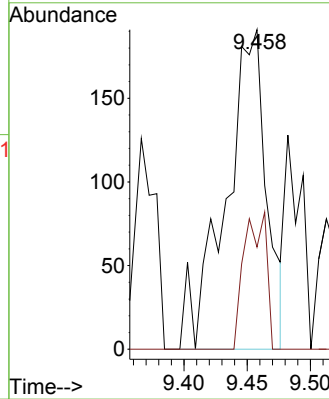
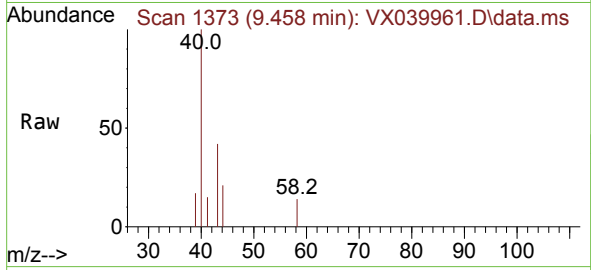




#59
2-Hexanone
Concen: 0.258 ug/l
RT: 9.458 min Scan# 11
Delta R.T. 0.031 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

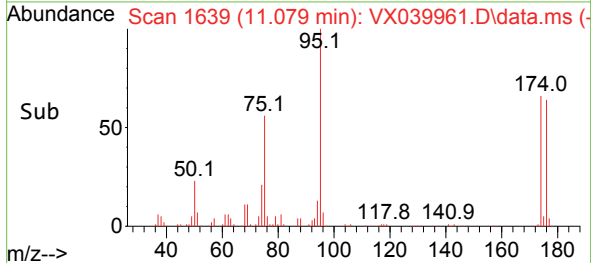
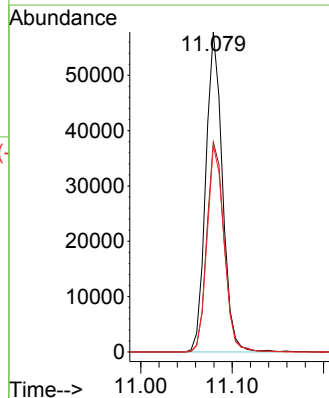
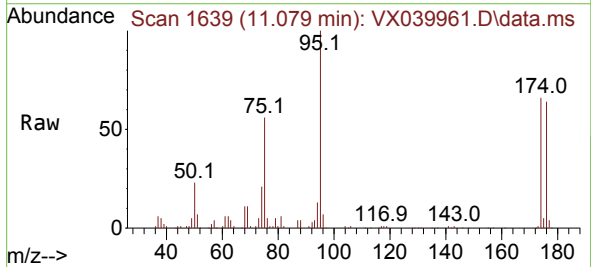
Instrument :
MSVOA_X
ClientSampleId :

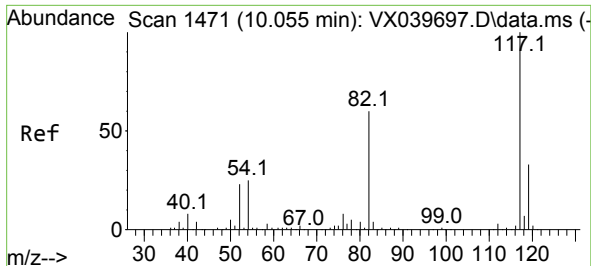
Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
58 23.1 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 49.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

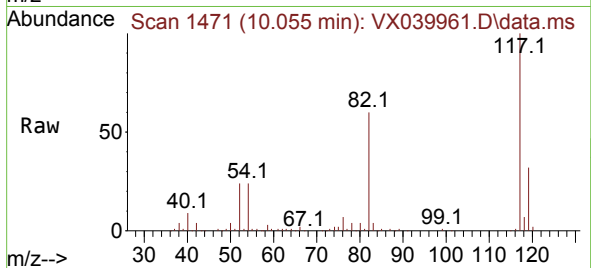
Tgt Ion: 95 Resp: 73000
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 65.7 0.0 131.0



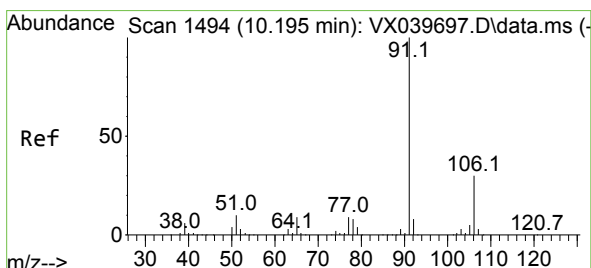
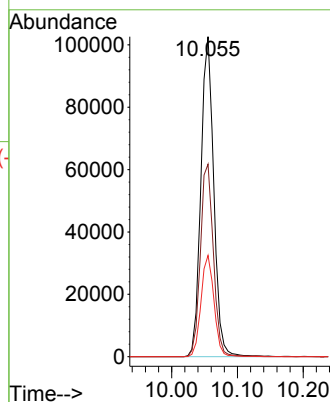
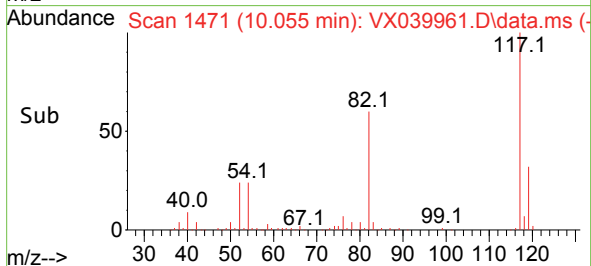


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

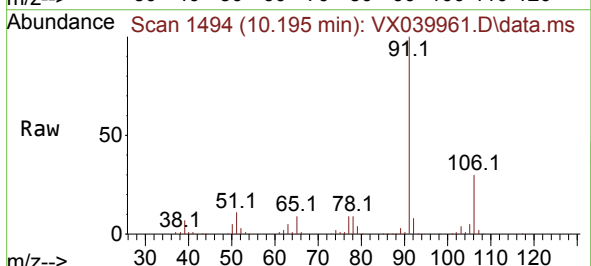
Instrument :
MSVOA_X
ClientSampleId :



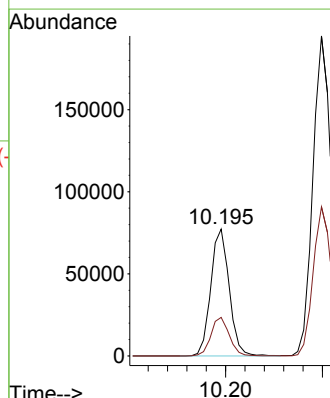
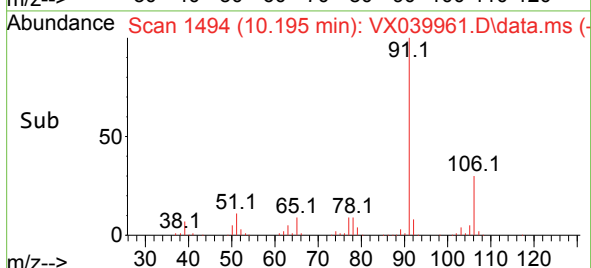
Tgt Ion:117 Resp: 139700
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.4
119 31.7 25.5 38.3

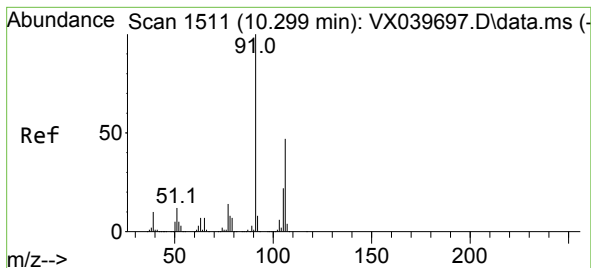


#67
Ethyl Benzene
Concen: 18.961 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59



Tgt Ion: 91 Resp: 102428
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

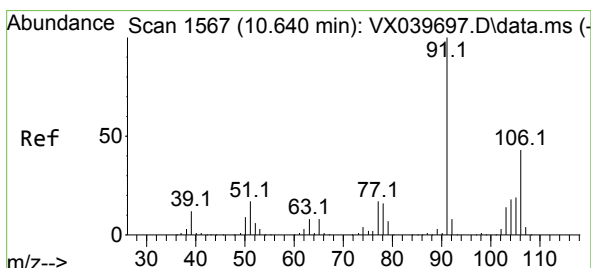
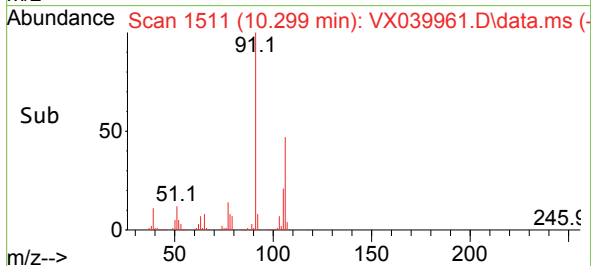
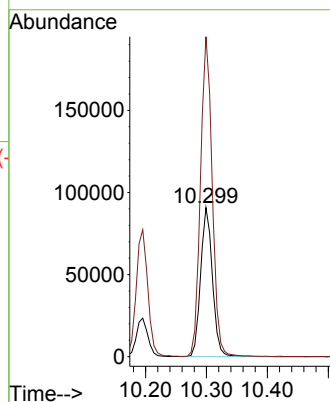
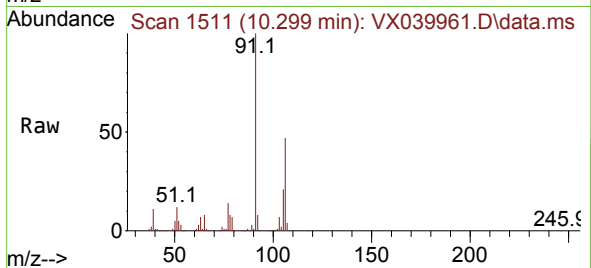




#68
m/p-Xylenes
Concen: 61.580 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

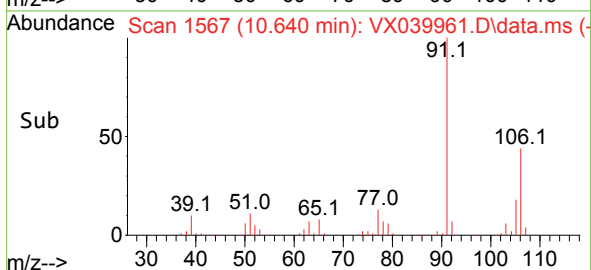
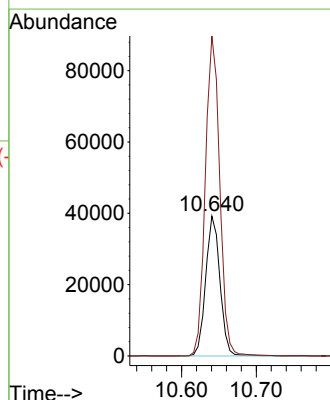
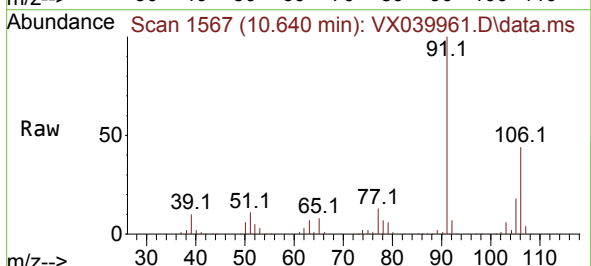
Instrument :
MSVOA_X
ClientSampleId :

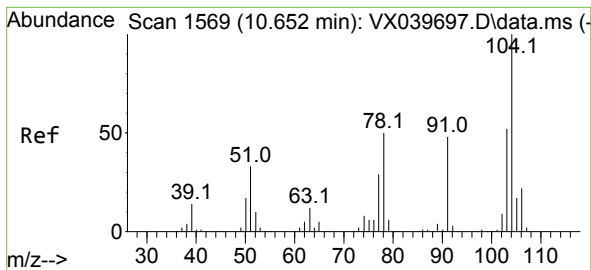
Tgt Ion:106 Resp: 122338
Ion Ratio Lower Upper
106 100
91 213.6 165.5 248.3



#69
o-Xylene
Concen: 26.472 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion:106 Resp: 52082
Ion Ratio Lower Upper
106 100
91 231.0 108.9 326.8





#70

Styrene

Concen: 0.938 ug/l

RT: 10.647 min Scan# 1

Delta R.T. -0.006 min

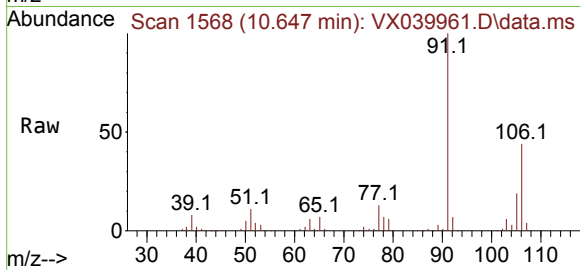
Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :



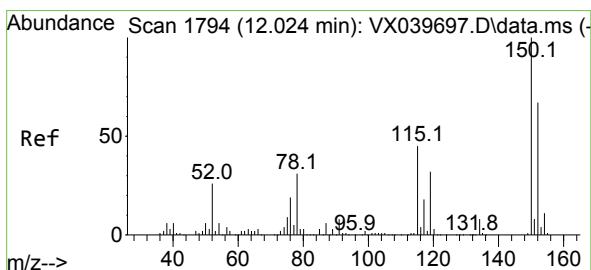
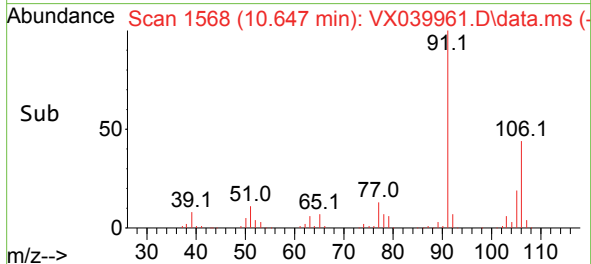
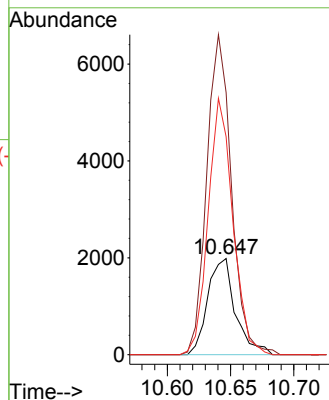
Tgt Ion:104 Resp: 3016

Ion Ratio Lower Upper

104 100

78 298.5 43.6 65.4#

103 238.2 43.6 65.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

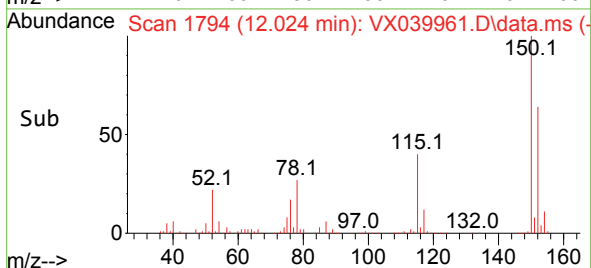
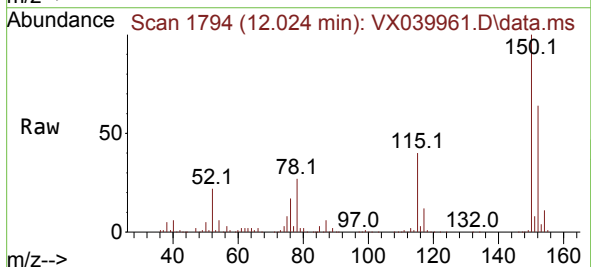
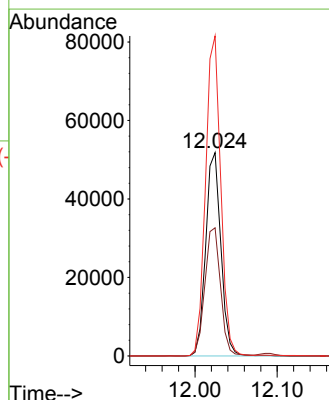
Tgt Ion:152 Resp: 66530

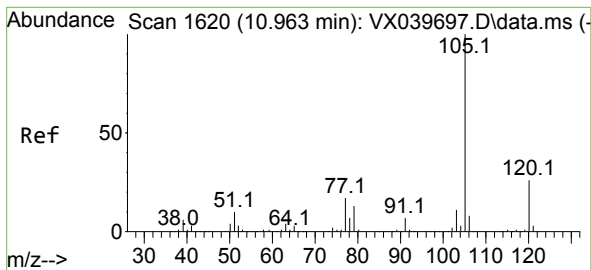
Ion Ratio Lower Upper

152 100

115 64.9 43.3 129.9

150 156.8 0.0 345.0





#73

Isopropylbenzene

Concen: 0.704 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

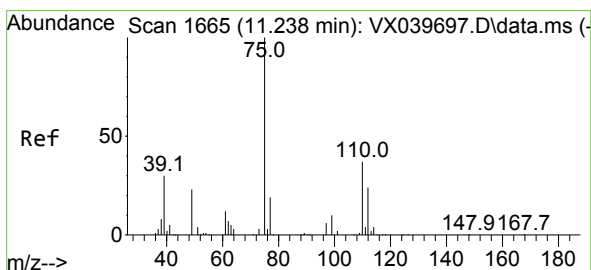
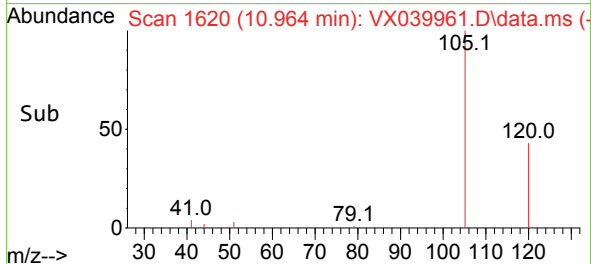
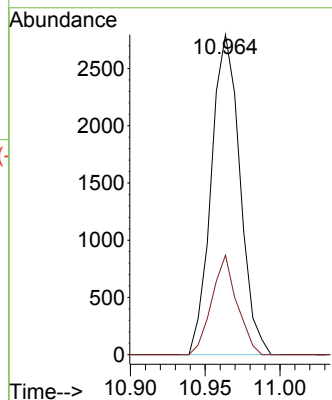
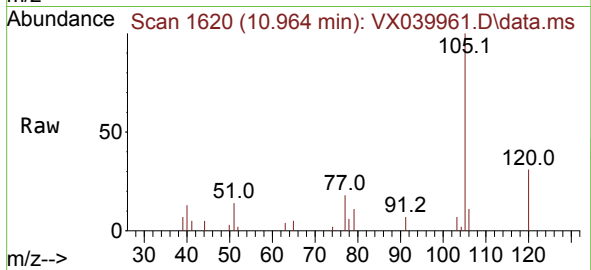
ClientSampleId :

Tgt Ion:105 Resp: 3728

Ion Ratio Lower Upper

105 100

120 27.3 12.9 38.6



#76

1,2,3-Trichloropropane

Concen: 23.862 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039961.D

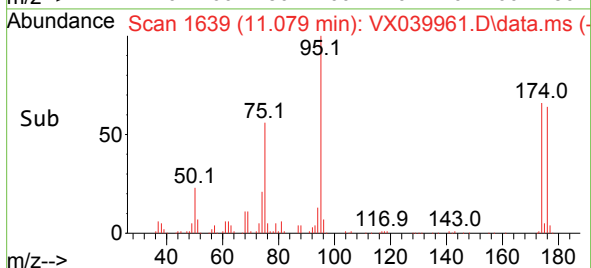
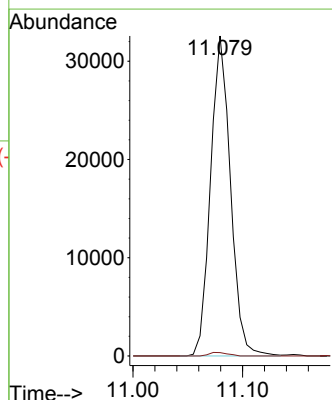
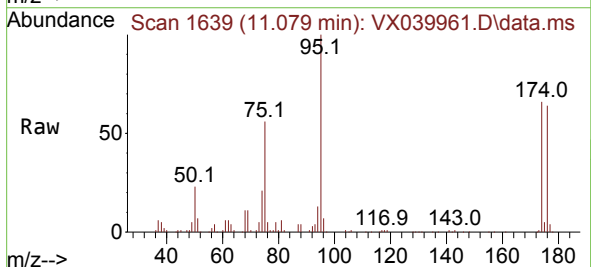
Acq: 25 Jan 2024 17:59

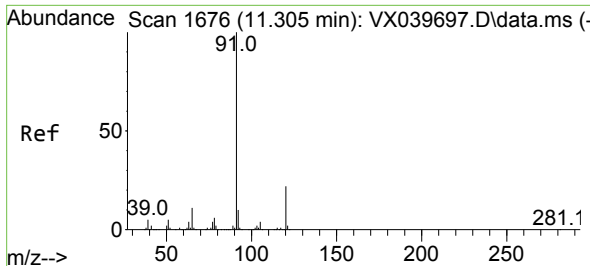
Tgt Ion: 75 Resp: 41159

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

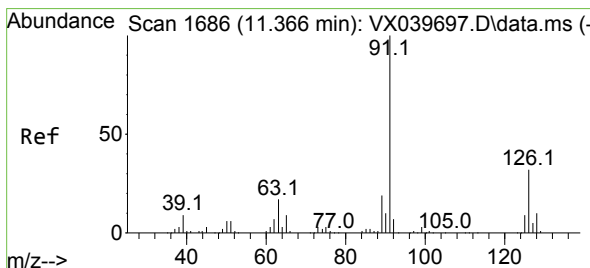
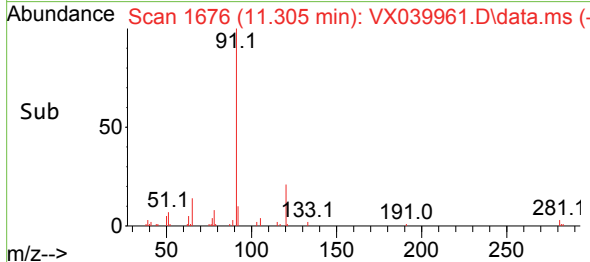
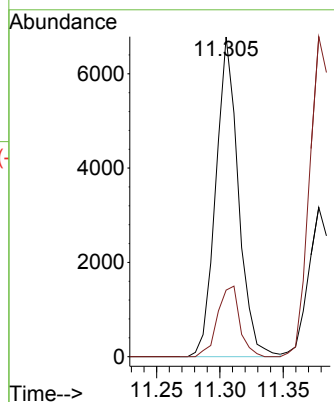
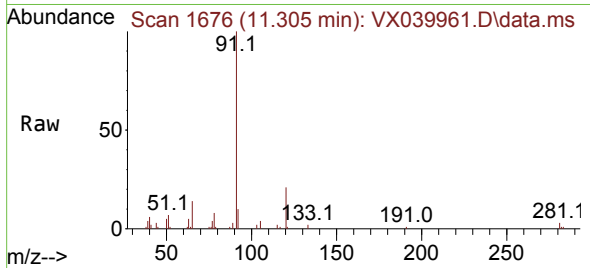




#78
n-propylbenzene
Concen: 1.312 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

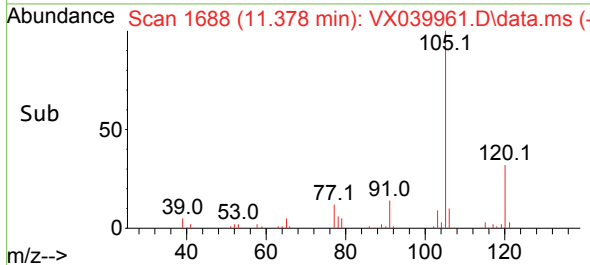
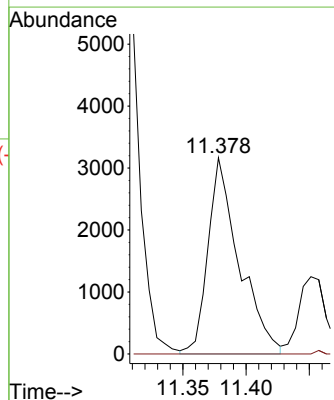
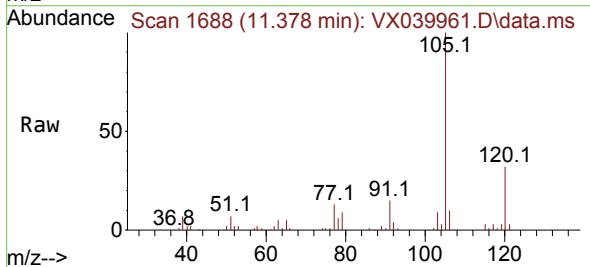
Instrument :
MSVOA_X
ClientSampleId :

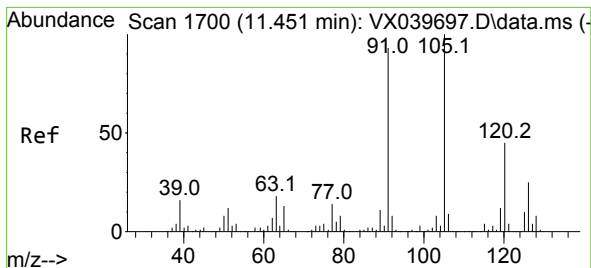
Tgt Ion: 91 Resp: 8410
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 1.372 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 91 Resp: 5437
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#80

1,3,5-Trimethylbenzene

Concen: 2.913 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

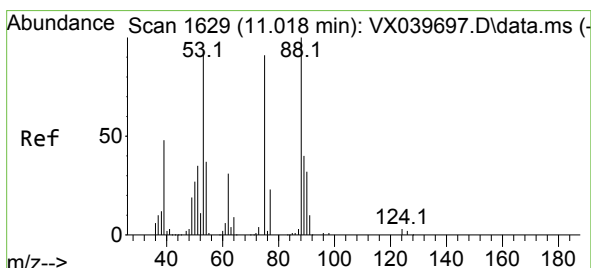
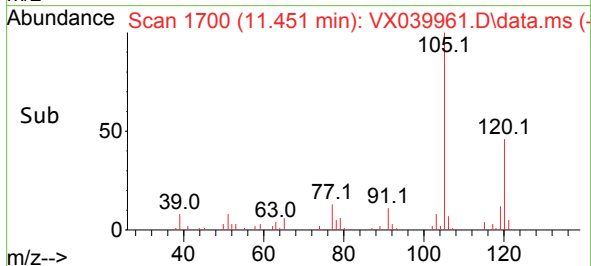
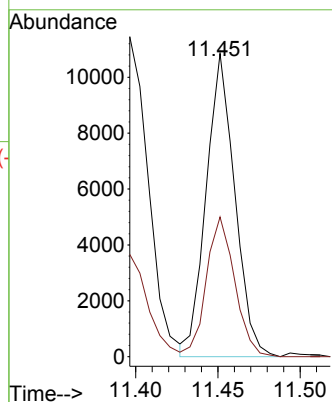
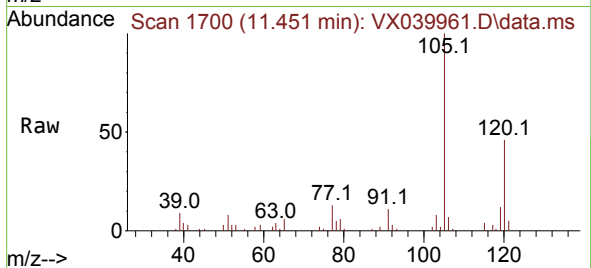
ClientSampleId :

Tgt Ion:105 Resp: 13106

Ion Ratio Lower Upper

105 100

120 45.7 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 68.618 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

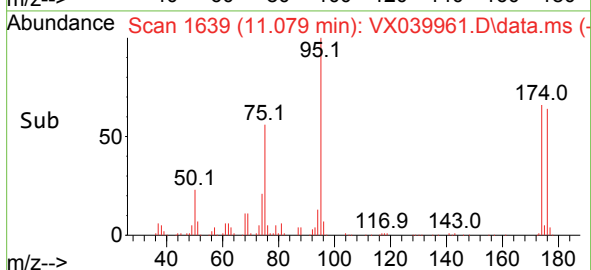
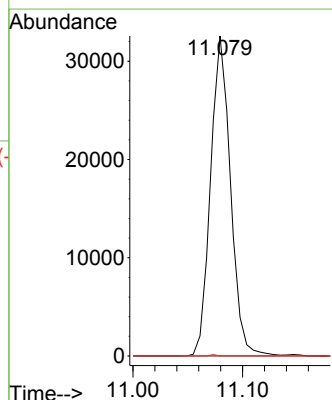
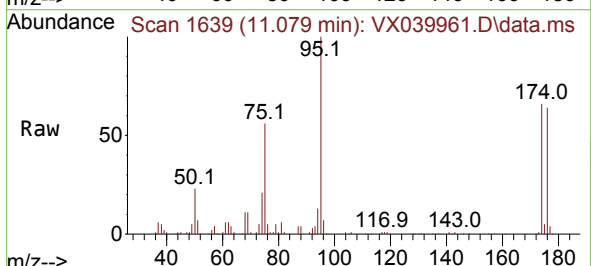
Tgt Ion: 75 Resp: 41159

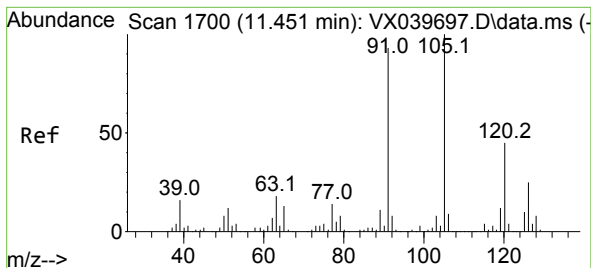
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

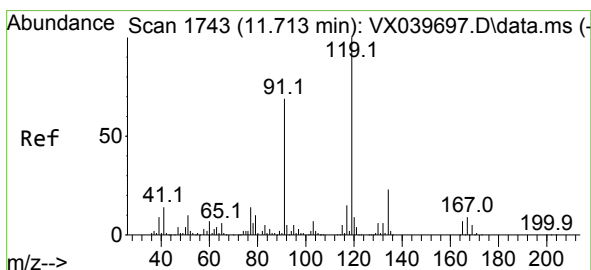
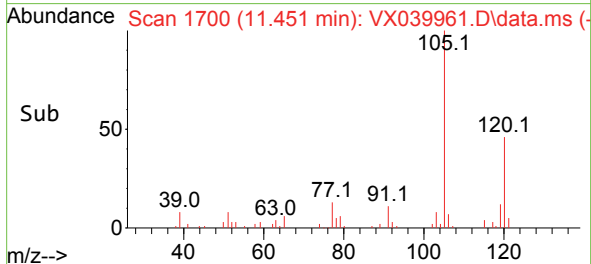
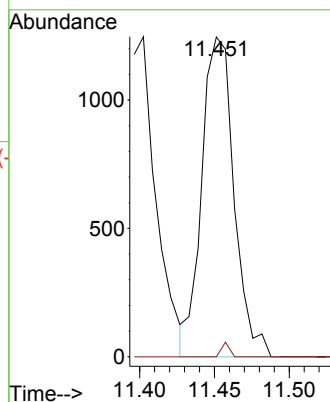
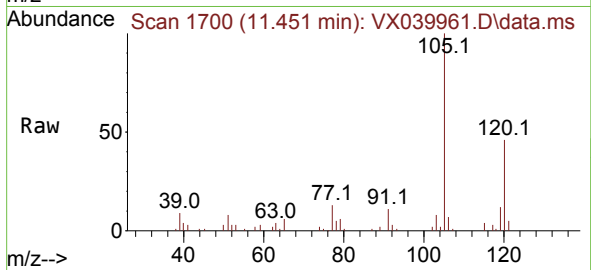




#82
4-Chlorotoluene
Concen: 0.415 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

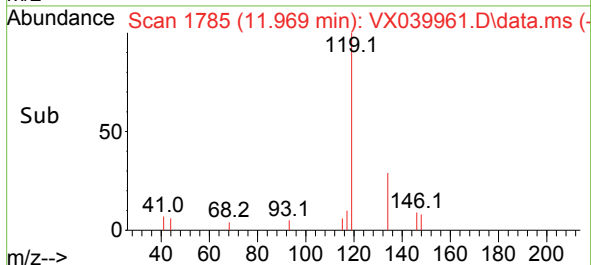
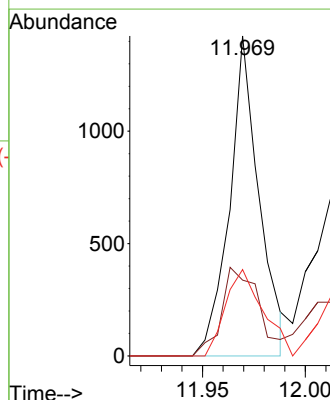
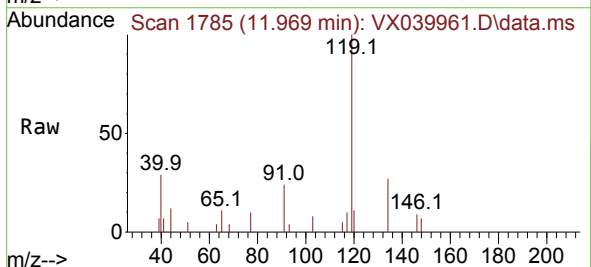
Instrument :
MSVOA_X
ClientSampleId :

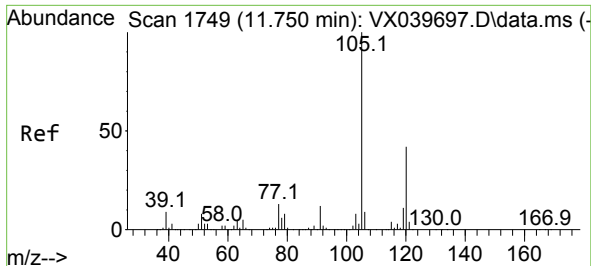
Tgt Ion: 91 Resp: 1867
Ion Ratio Lower Upper
91 100
126 1.1 14.2 42.6#



#83
tert-Butylbenzene
Concen: 0.332 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.256 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 119 Resp: 1426
Ion Ratio Lower Upper
119 100
91 34.9 31.2 93.6
134 34.2 11.7 35.0

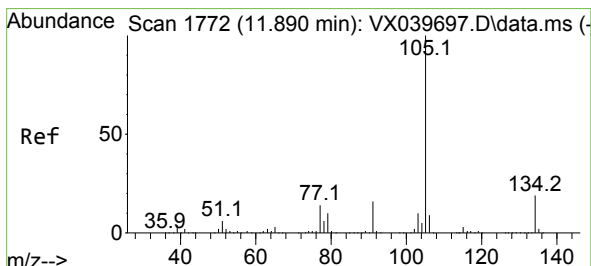
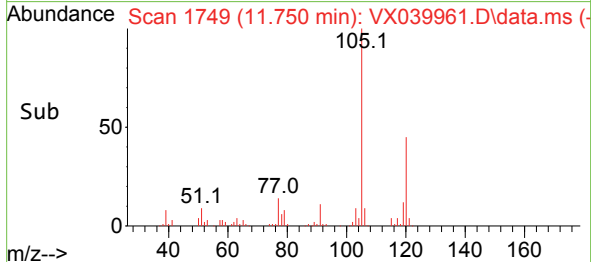
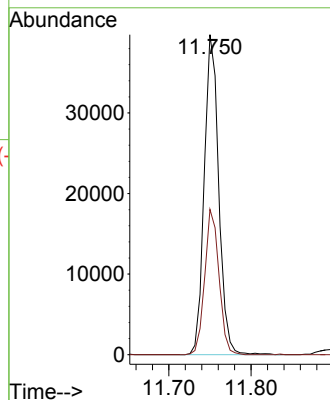
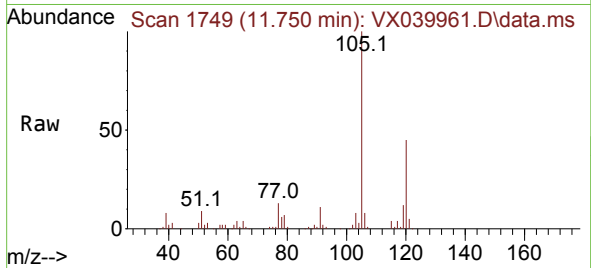




#84
1,2,4-Trimethylbenzene
Concen: 10.821 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

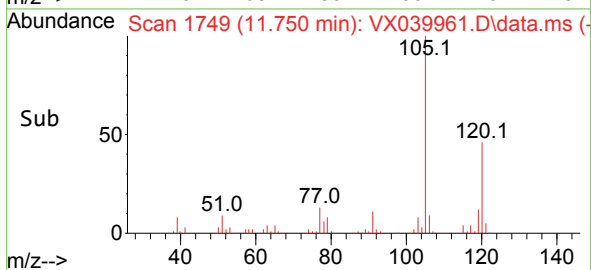
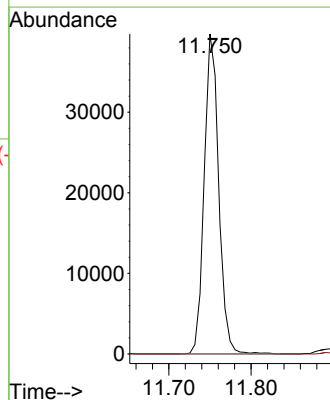
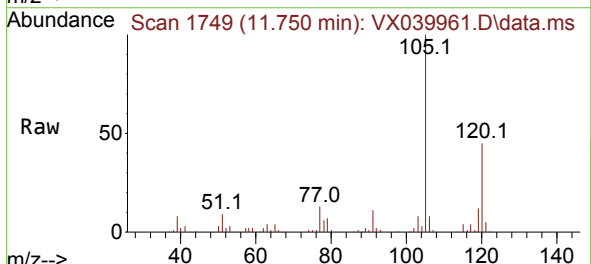
Instrument :
MSVOA_X
ClientSampleId :

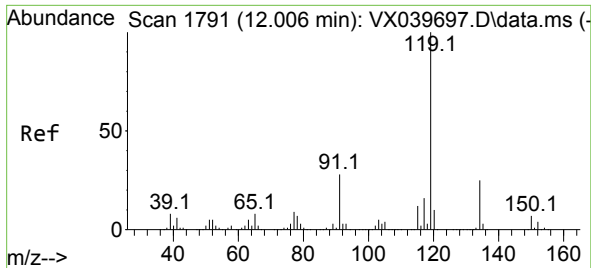
Tgt Ion:105 Resp: 48565
Ion Ratio Lower Upper
105 100
120 44.8 21.2 63.6



#85
sec-Butylbenzene
Concen: 8.711 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion:105 Resp: 48565
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#

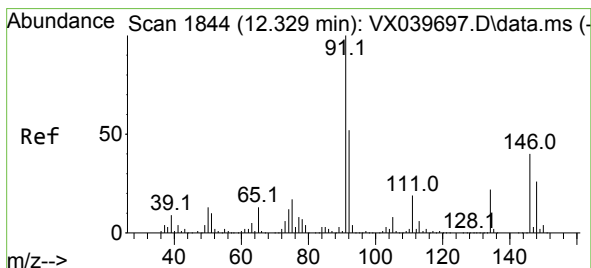
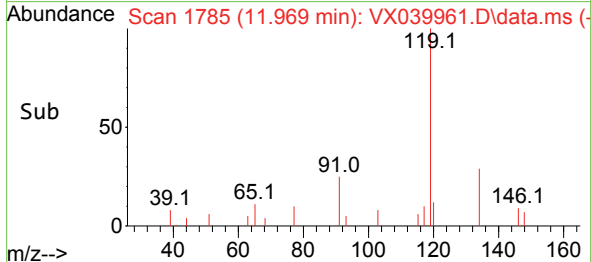
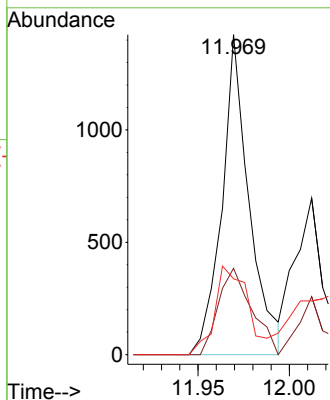
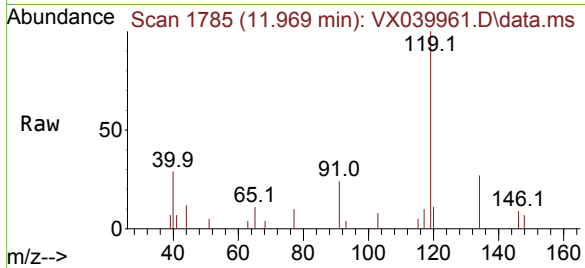




#86
p-Isopropyltoluene
Concen: 0.332 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.036 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

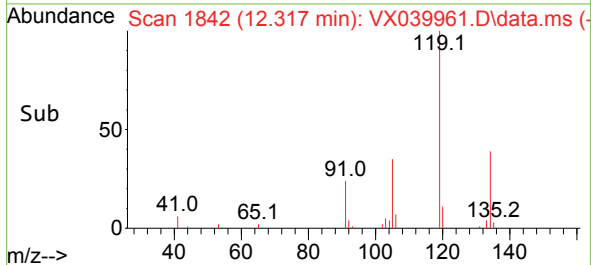
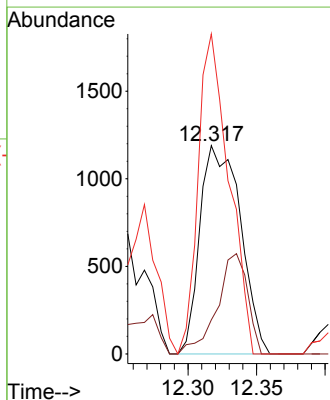
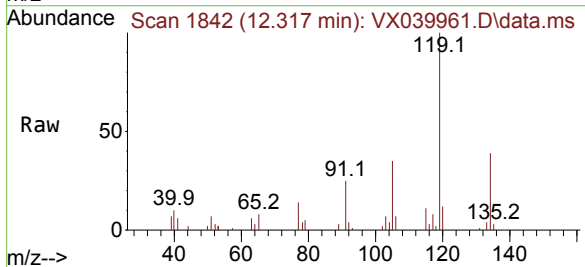
Instrument :
MSVOA_X
ClientSampleId :

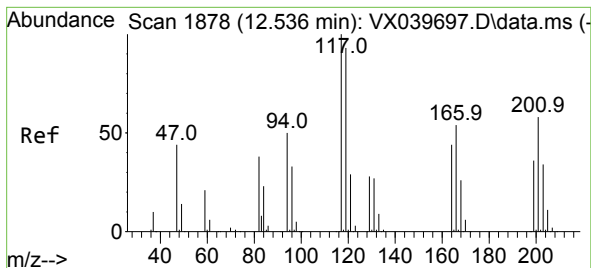
Tgt Ion:119 Resp: 1479
Ion Ratio Lower Upper
119 100
134 33.0 12.8 38.3
91 33.6 13.1 39.3



#89
n-Butylbenzene
Concen: 0.568 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.012 min
Lab File: VX039961.D
Acq: 25 Jan 2024 17:59

Tgt Ion: 91 Resp: 2445
Ion Ratio Lower Upper
91 100
92 36.0 27.4 82.0
134 116.9 12.6 37.8#





#90

Hexachloroethane

Concen: 1.084 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Instrument :

MSVOA_X

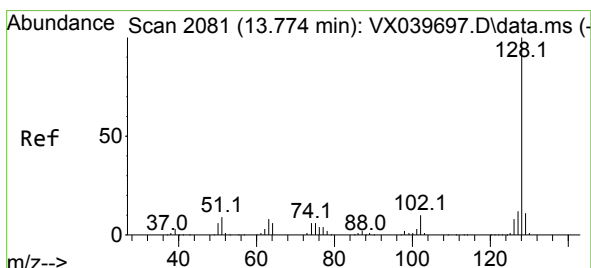
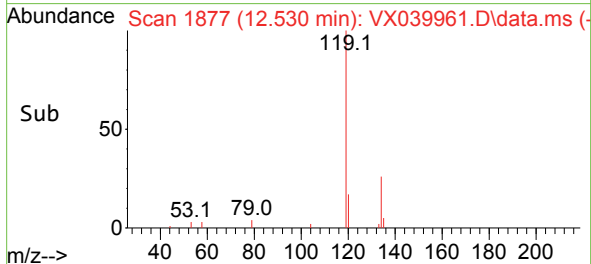
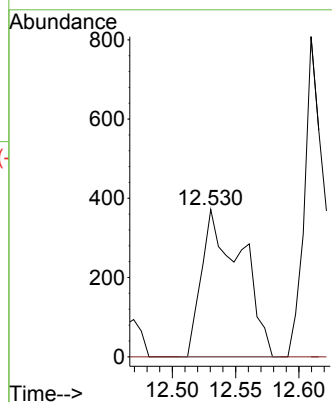
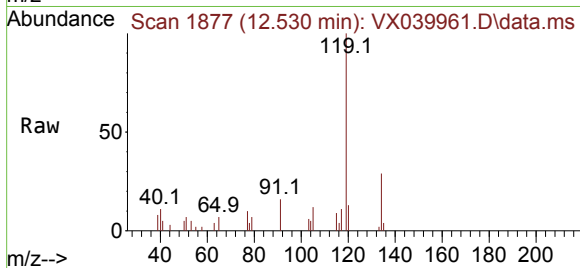
ClientSampleId :

Tgt Ion:117 Resp: 815

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#95

Naphthalene

Concen: 3.986 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039961.D

Acq: 25 Jan 2024 17:59

Tgt Ion:128 Resp: 20044

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.4 8.8 13.2

