

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039769.D
 Acq On : 16 Jan 2024 13:16
 Operator : JC/MD
 Sample : PB158447TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB158447TB

Quant Time: Jan 17 01:47:15 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	95680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73472	45.840	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.680%		
35) Dibromofluoromethane	5.385	113	58113	47.364	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.720%		
50) Toluene-d8	8.647	98	227525	49.168	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.340%		
62) 4-Bromofluorobenzene	11.079	95	92238	50.972	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.940%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	192	0.252	ug/l	96
11) Tert butyl alcohol	2.953	59	958	2.296	ug/l #	78
13) Acrolein	2.239	56	167	Below Cal	#	31
15) Acrylonitrile	3.081	53	223	0.259	ug/l #	68
16) Acetone	2.373	43	28187	31.271	ug/l	92
17) Carbon Disulfide	2.514	76	1069	0.323	ug/l #	76
18) Methyl Acetate	2.696	43	1344	0.713	ug/l #	82
20) Methylene Chloride	2.788	84	5175	3.796	ug/l	93
25) 2-Butanone	4.562	43	3170	2.447	ug/l #	85
29) Tetrahydrofuran	5.025	42	331	0.397	ug/l #	49
31) Cyclohexane	5.556	56	2561	1.211	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	8554	4.479	ug/l #	51
37) Ethyl Acetate	4.733	43	2763	1.084	ug/l #	86
38) Carbon Tetrachloride	5.550	117	10342	5.912	ug/l #	17
43) Isopropyl Acetate	6.336	43	102405	27.399	ug/l	99
48) Methyl methacrylate	7.793	41	86919	47.312	ug/l #	49
49) 1,4-Dioxane	7.793	88	125	3.516	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	75630	29.381	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	31305	14.458	ug/l #	60
56) Ethyl methacrylate	9.238	69	639	0.287	ug/l #	1
57) 1,3-Dichloropropane	9.476	76	4036	1.732	ug/l #	42
59) 2-Hexanone	9.482	43	59032	28.976	ug/l #	53
65) Chlorobenzene	10.079	112	1607	0.428	ug/l	98
68) m/p-Xylenes	10.305	106	569	0.222	ug/l	76
74) N-amyl acetate	10.823	43	880	0.249	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	50536	22.923	ug/l #	39
78) n-propylbenzene	11.305	91	2053	0.251	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	1282	0.223	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	50536	66.219	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1360	0.237	ug/l	99
85) sec-Butylbenzene	11.890	105	1638	0.230	ug/l	97
86) p-Isopropyltoluene	12.006	119	1538	0.270	ug/l #	67
87) 1,3-Dichlorobenzene	11.969	146	944	0.327	ug/l	80
88) 1,4-Dichlorobenzene	11.969	146	944	0.316	ug/l	79
89) n-Butylbenzene	12.335	91	2738	0.498	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	731	0.256	ug/l	99

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

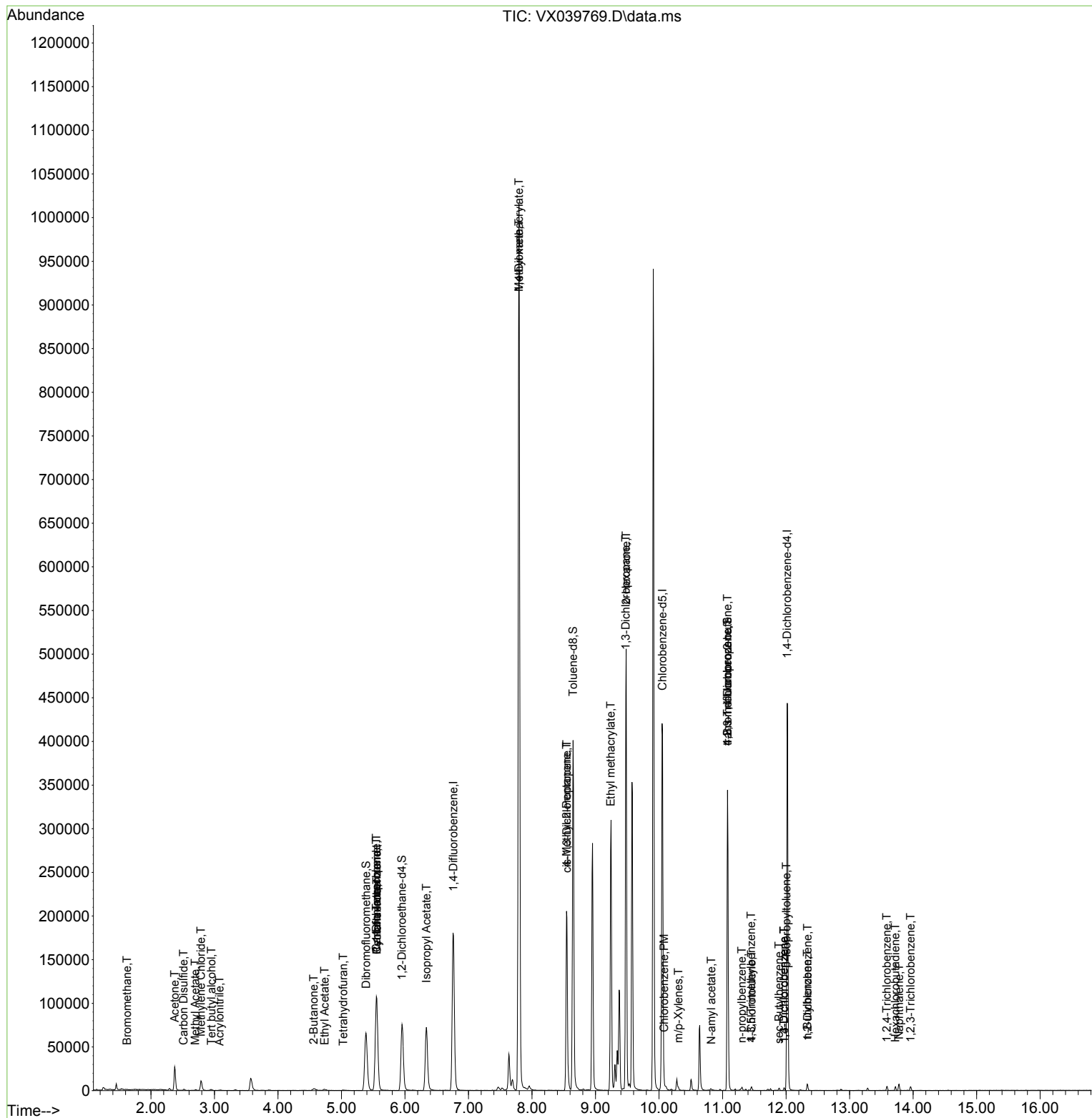
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.585	180	1409	0.807	ug/l	89
94) Hexachlorobutadiene	13.719	225	608	0.838	ug/l	87
95) Naphthalene	13.780	128	4901	0.763	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1300	0.738	ug/l	90

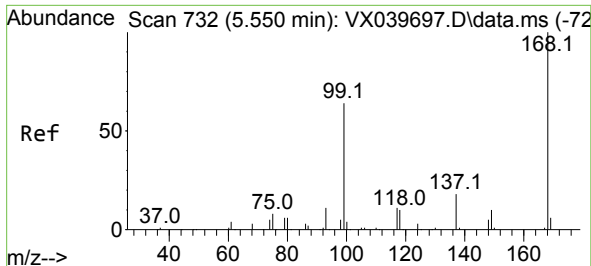
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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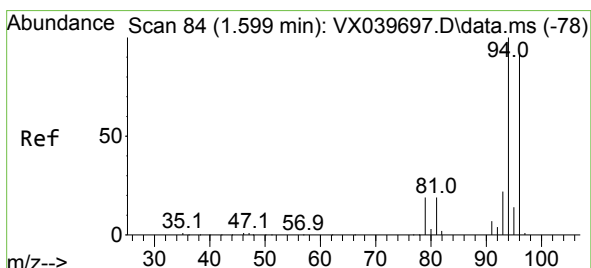
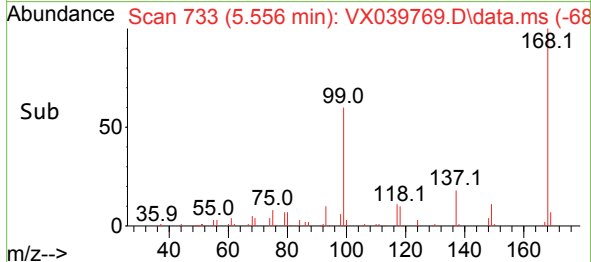
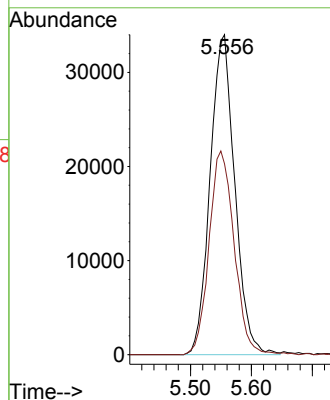
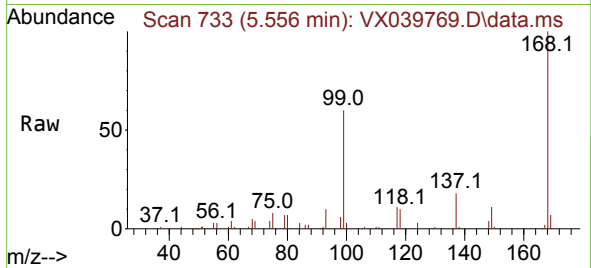




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

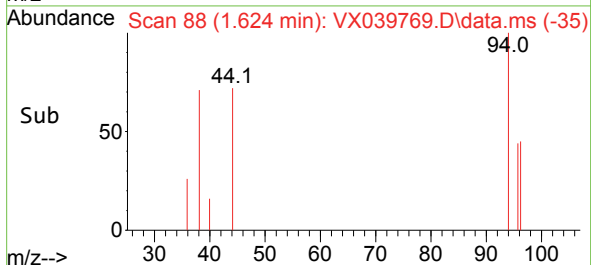
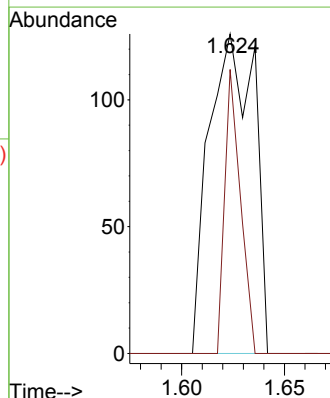
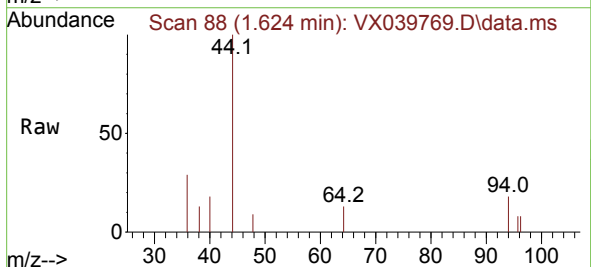
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

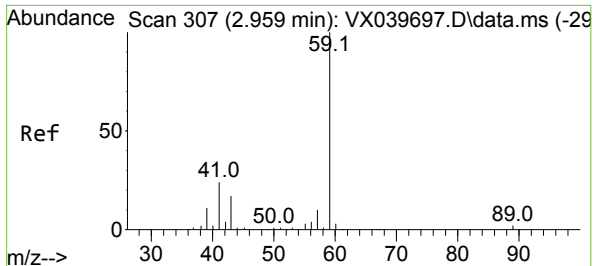
Tgt Ion:168 Resp: 95680
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 88.9 74.6 111.8





#11

Tert butyl alcohol

Concen: 2.296 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

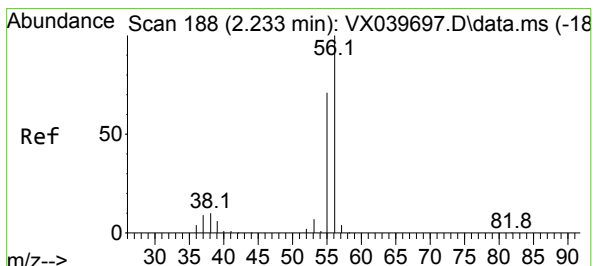
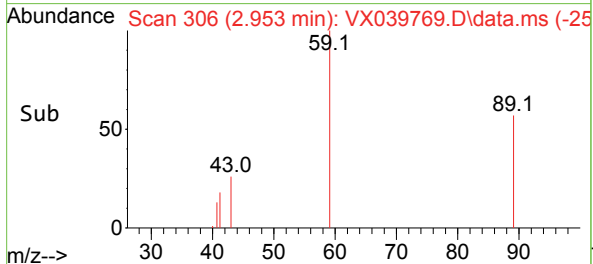
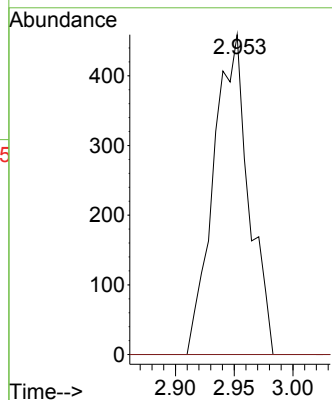
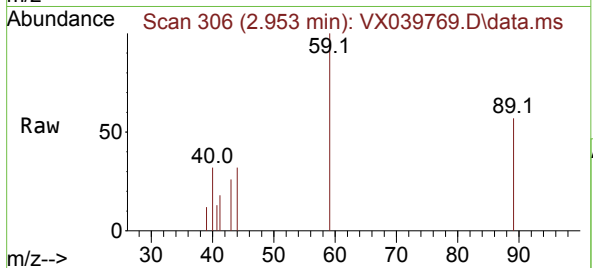
PB158447TB

Tgt Ion: 59 Resp: 958

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: Below Cal

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX039769.D

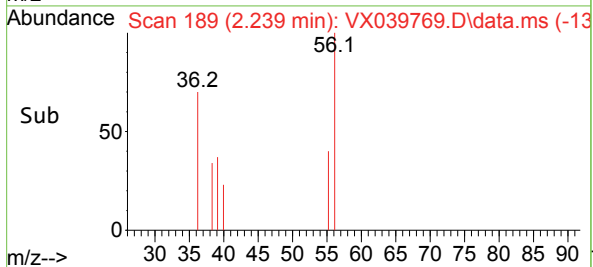
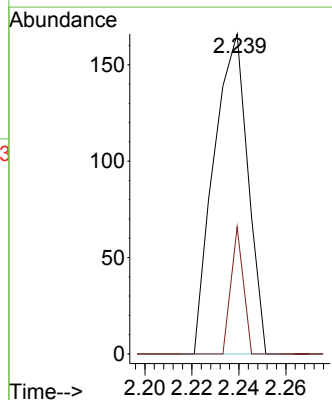
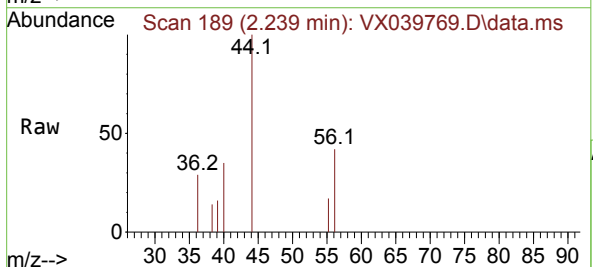
Acq: 16 Jan 2024 13:16

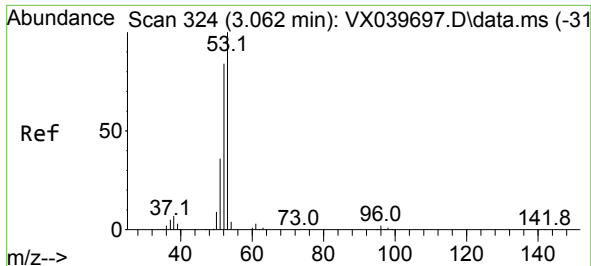
Tgt Ion: 56 Resp: 167

Ion Ratio Lower Upper

56 100

55 14.4 57.1 85.7#

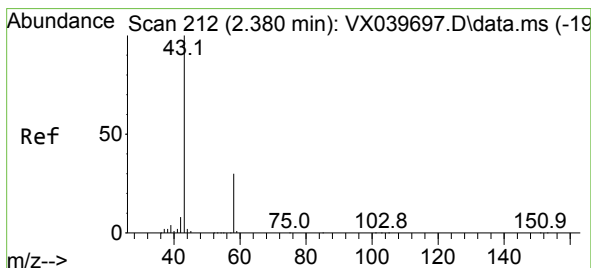
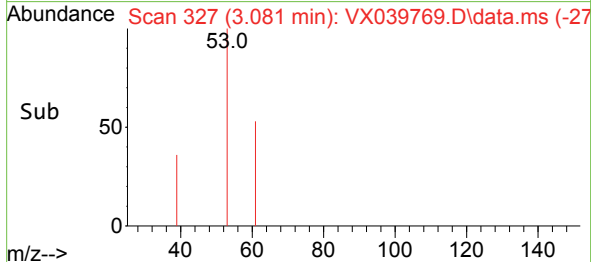
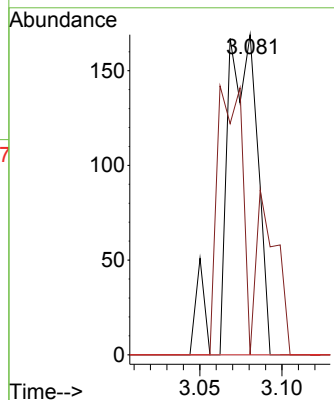
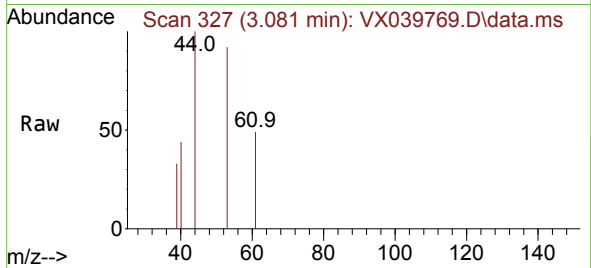




#15
Acrylonitrile
Concen: 0.259 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

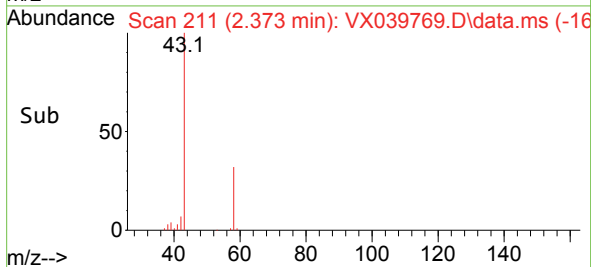
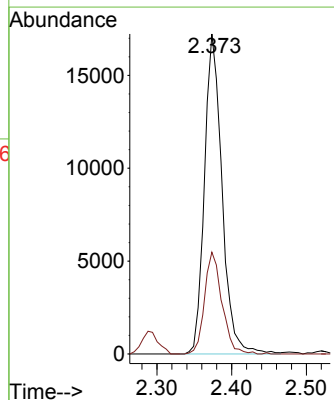
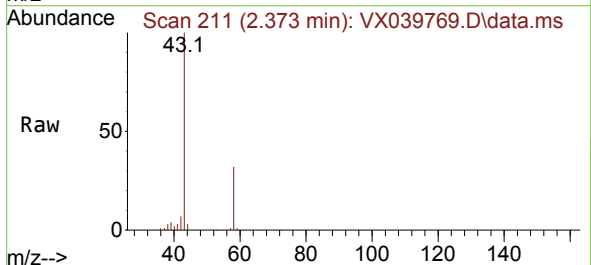
Instrument :
MSVOA_X
ClientSampleId :
PB158447B

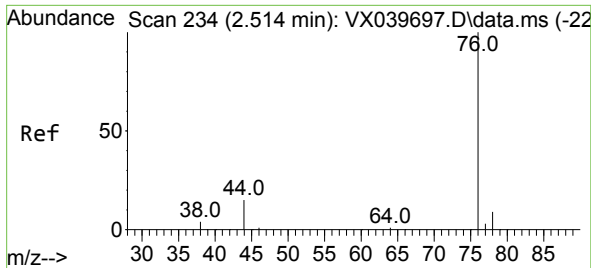
Tgt Ion: 53 Resp: 223
Ion Ratio Lower Upper
53 100
52 66.4 66.0 99.0
51 0.0 29.8 44.6#



#16
Acetone
Concen: 31.271 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

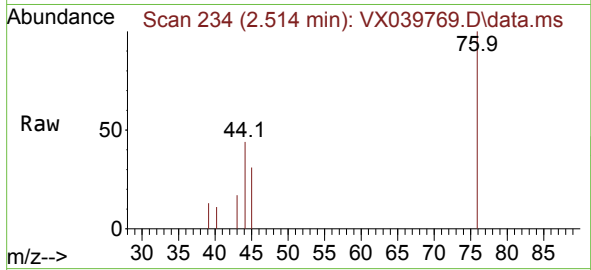
Tgt Ion: 43 Resp: 28187
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



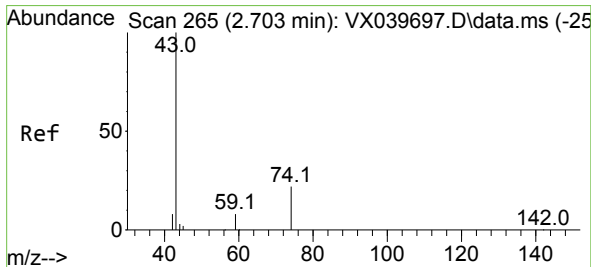
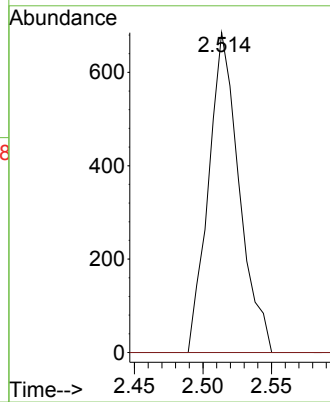
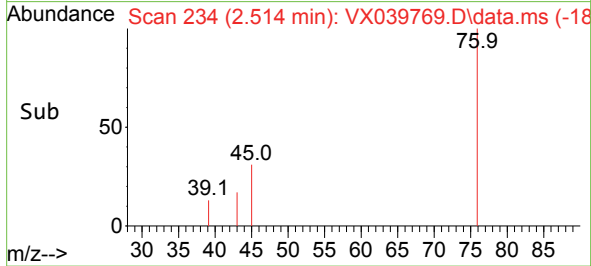


#17
Carbon Disulfide
Concen: 0.323 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

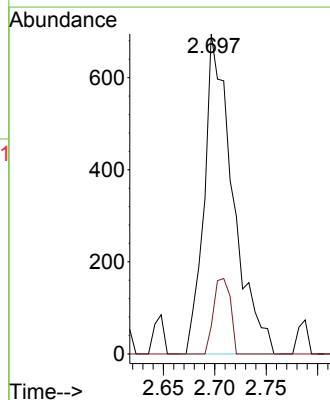
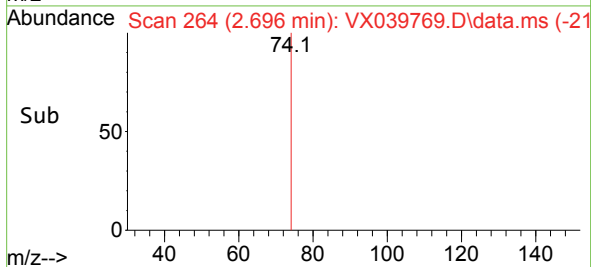
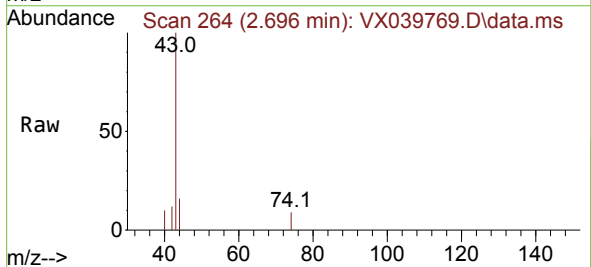


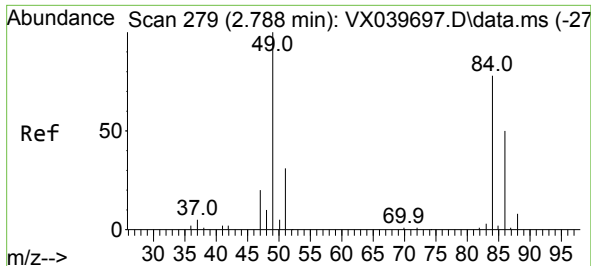
Tgt Ion: 76 Resp: 1069
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.713 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

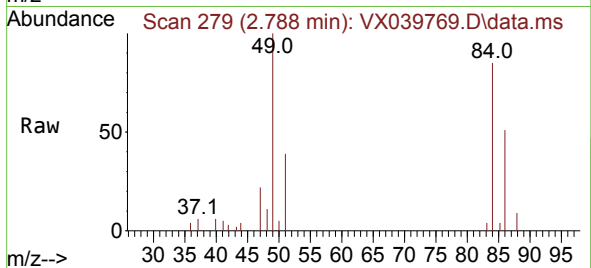
Tgt Ion: 43 Resp: 1344
Ion Ratio Lower Upper
43 100
74 13.8 17.8 26.8#



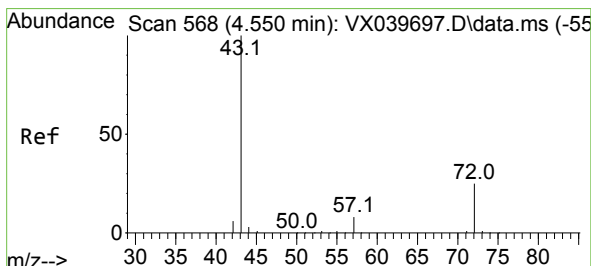
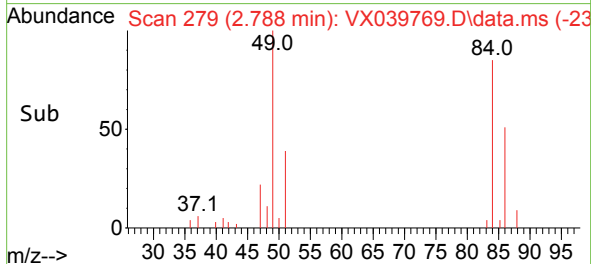
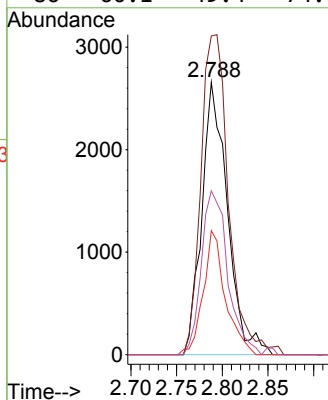


#20
Methylene Chloride
Concen: 3.796 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

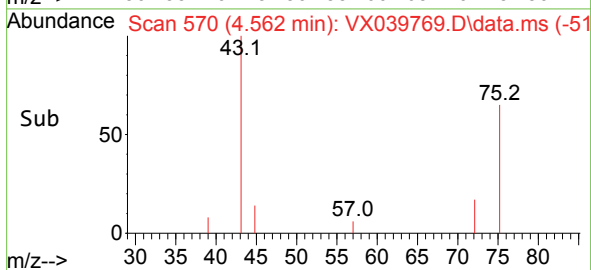
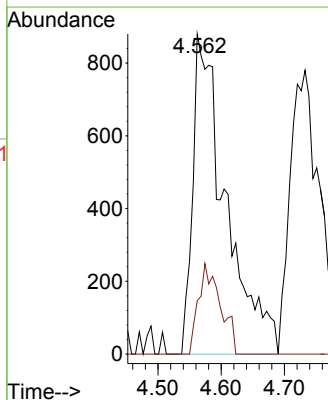
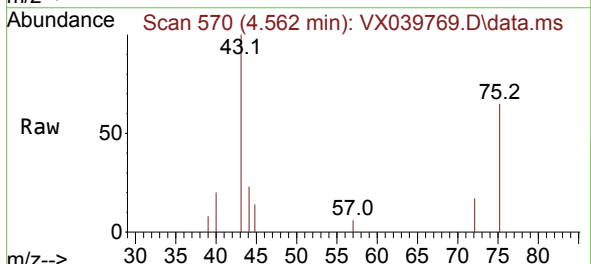


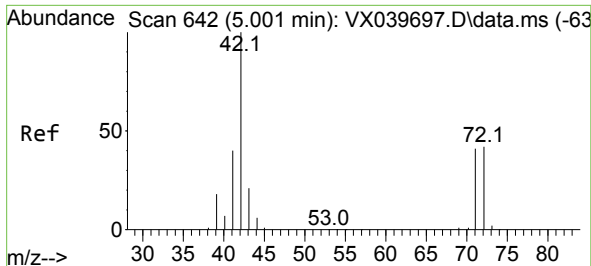
Tgt Ion: 84	Resp: 5175
Ion Ratio	Lower Upper
84	100
49	117.0 103.6 155.4
51	45.5 33.8 50.6
86	60.1 49.4 74.0



#25
2-Butanone
Concen: 2.447 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion: 43	Resp: 3170
Ion Ratio	Lower Upper
43	100
72	16.7 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.397 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

PB158447TB

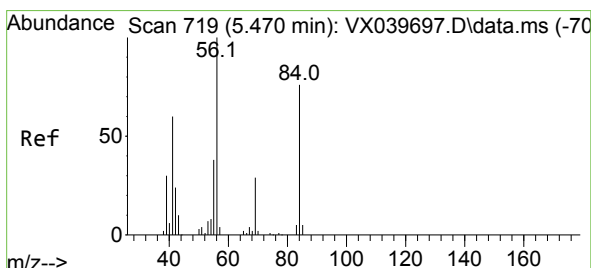
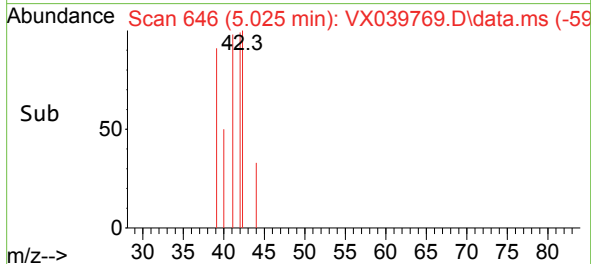
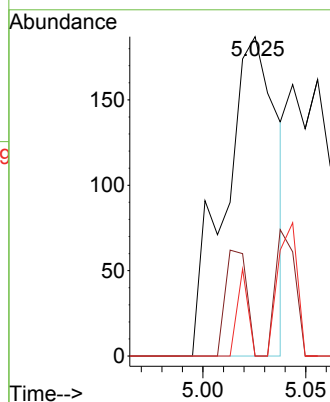
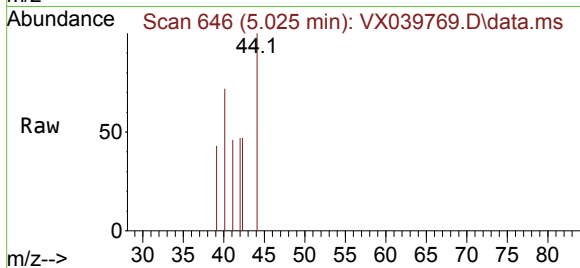
Tgt Ion: 42 Resp: 331

Ion Ratio Lower Upper

42 100

72 13.6 34.2 51.4#

71 5.7 32.2 48.2#



#31

Cyclohexane

Concen: 1.211 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

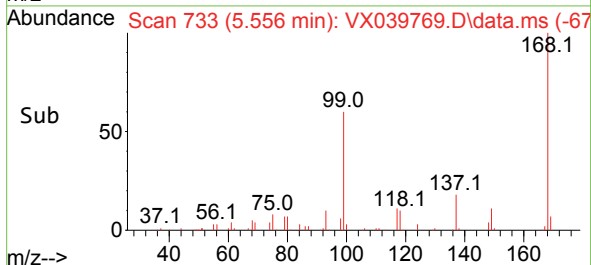
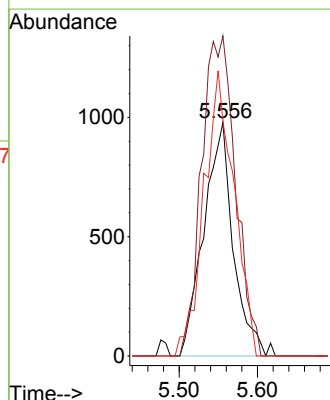
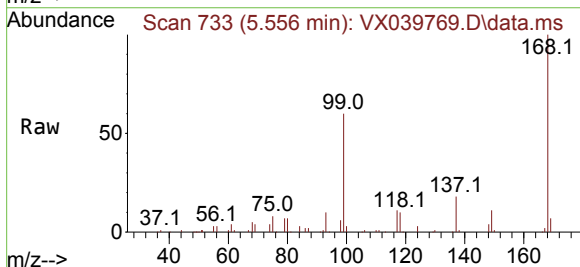
Tgt Ion: 56 Resp: 2561

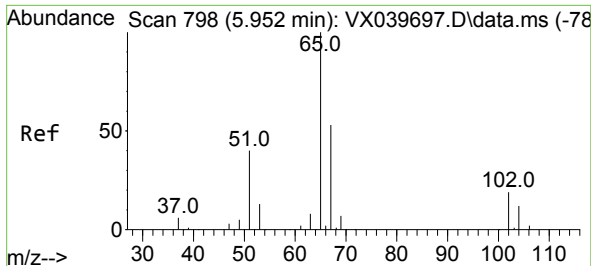
Ion Ratio Lower Upper

56 100

69 137.1 23.4 35.2#

84 100.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.840 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

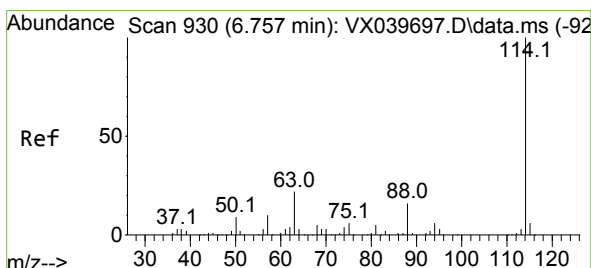
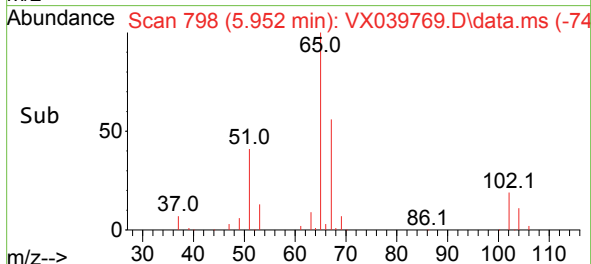
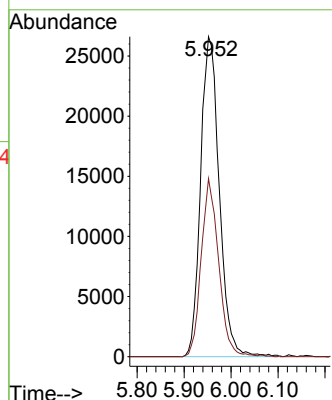
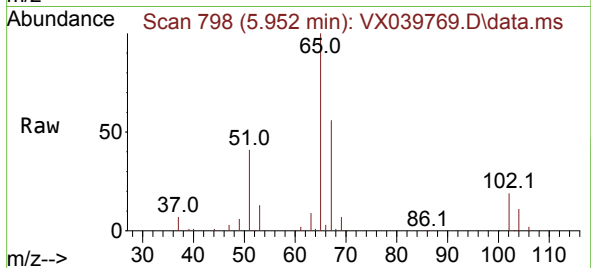
PB158447TB

Tgt Ion: 65 Resp: 73472

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

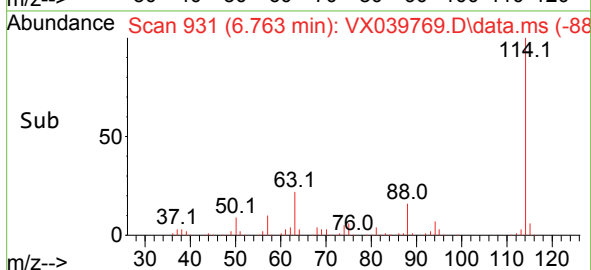
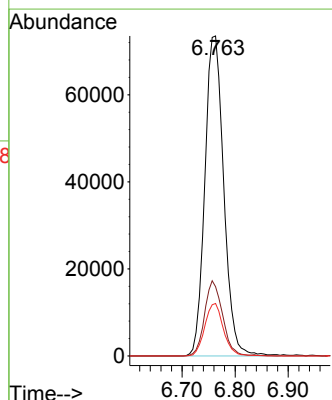
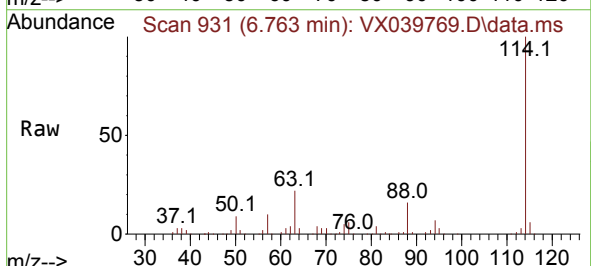
Tgt Ion: 114 Resp: 182164

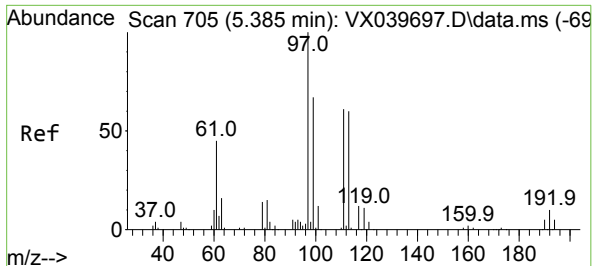
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 16.4 0.0 36.6

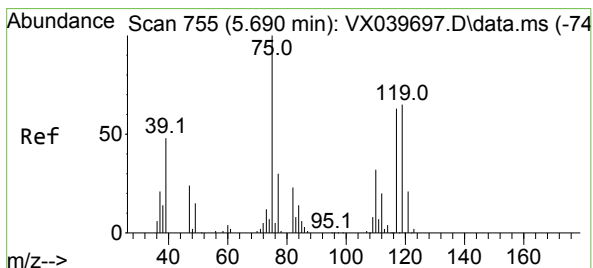
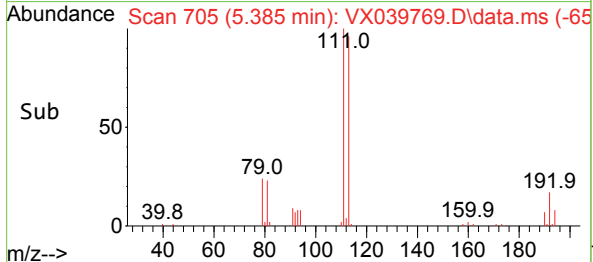
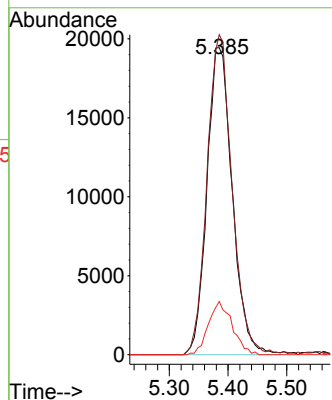
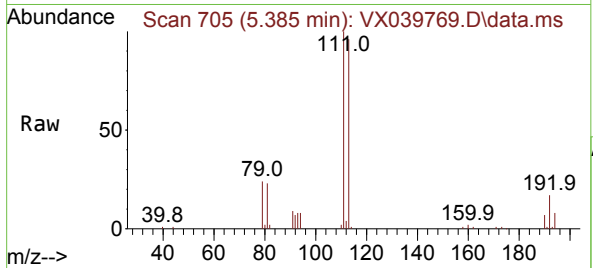




#35
Dibromofluoromethane
Concen: 47.364 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

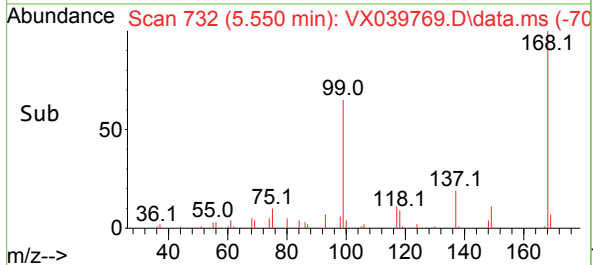
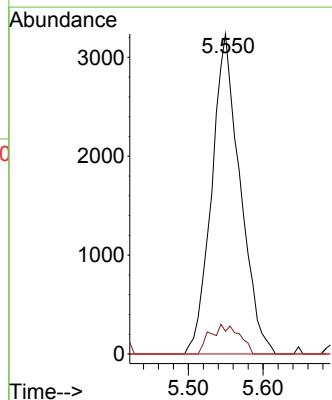
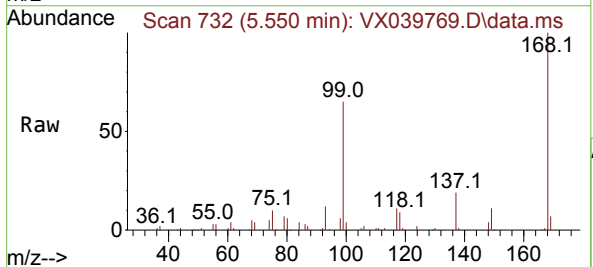
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

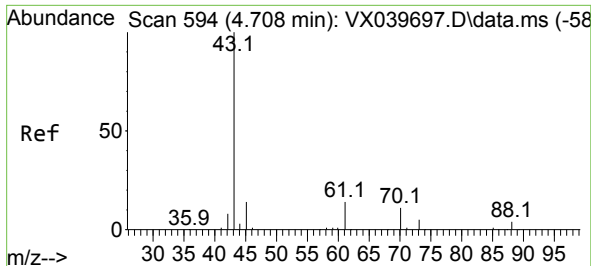
Tgt Ion:113 Resp: 58113
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.479 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion: 75 Resp: 8554
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.084 ug/l

RT: 4.733 min Scan# 594

Delta R.T. 0.024 min

Lab File: VX039769.D

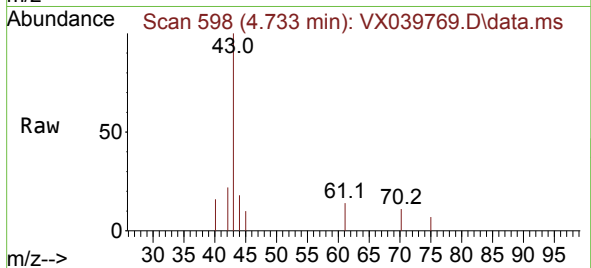
Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

PB158447TB



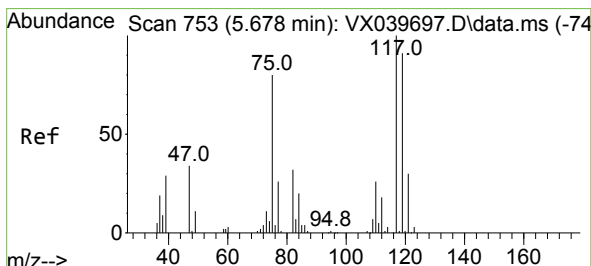
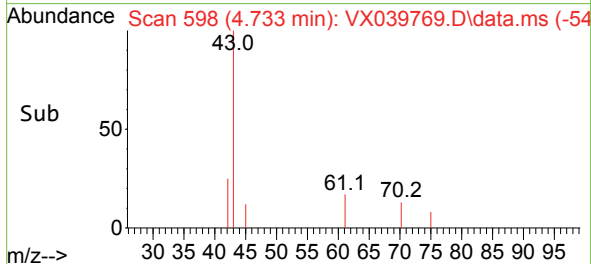
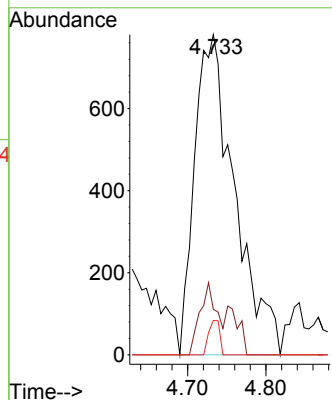
Tgt Ion: 43 Resp: 2763

Ion Ratio Lower Upper

43 100

61 9.7 10.6 16.0#

70 2.9 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.912 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

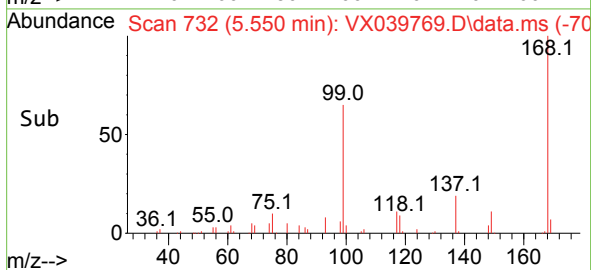
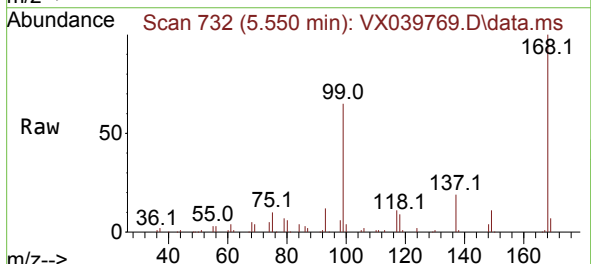
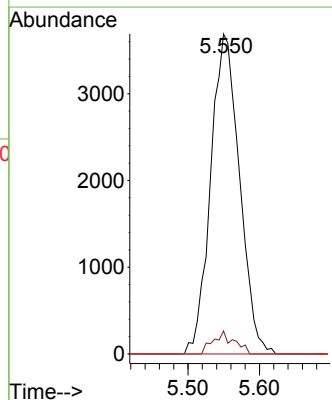
Tgt Ion: 117 Resp: 10342

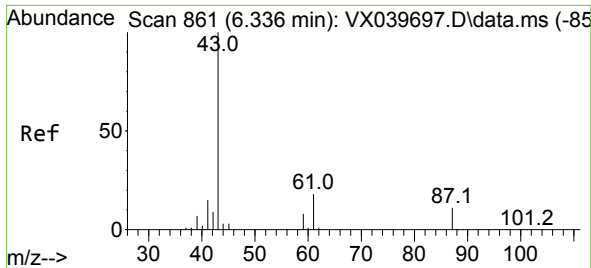
Ion Ratio Lower Upper

117 100

119 7.2 78.2 117.2#

121 0.0 24.4 36.6#

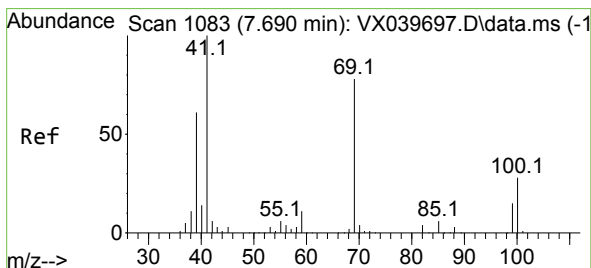
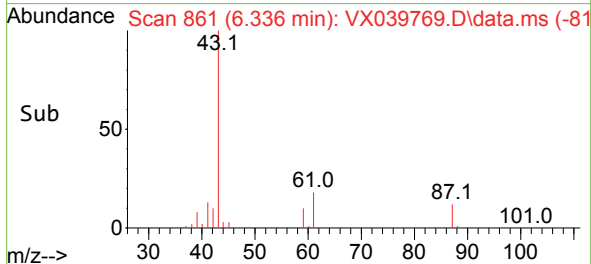
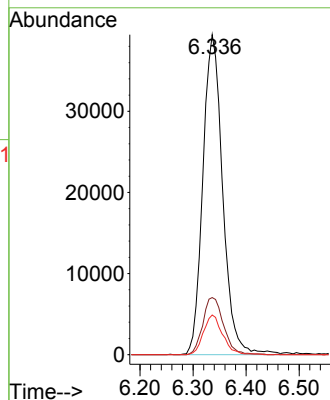
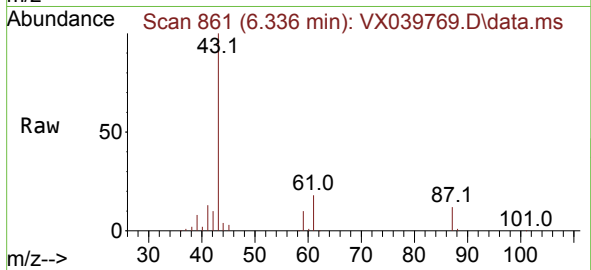




#43
Isopropyl Acetate
Concen: 27.399 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

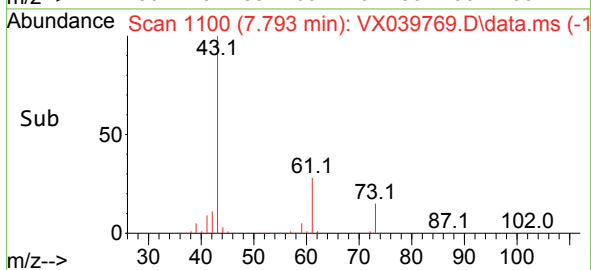
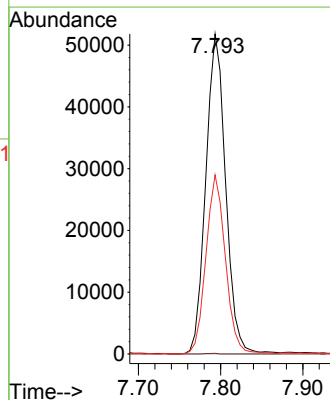
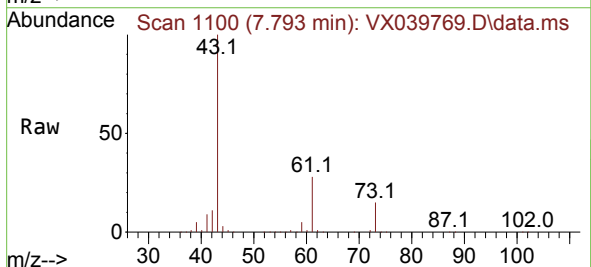
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

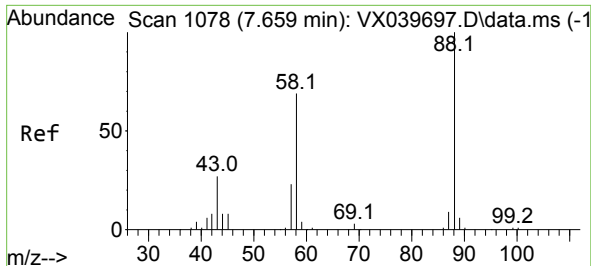
Tgt Ion: 43 Resp: 102405
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.0 9.8 14.6



#48
Methyl methacrylate
Concen: 47.312 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion: 41 Resp: 86919
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 54.9 47.7 71.5

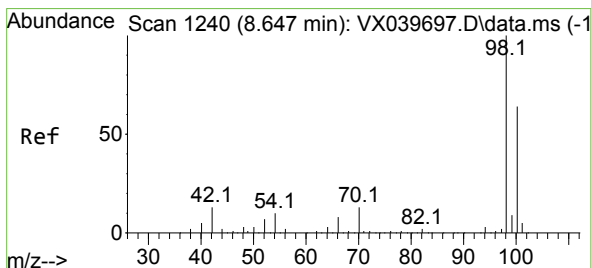
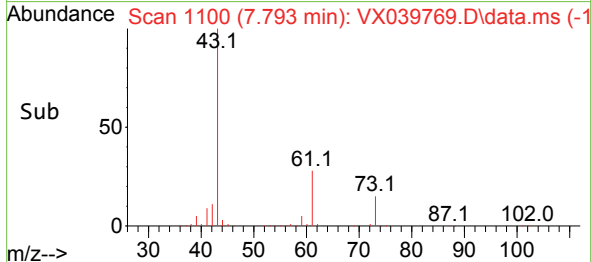
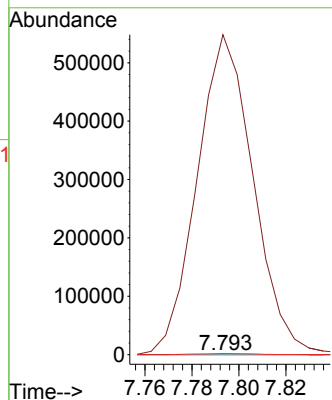
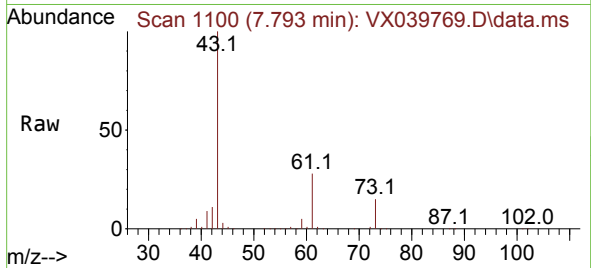




#49
1,4-Dioxane
Concen: 3.516 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

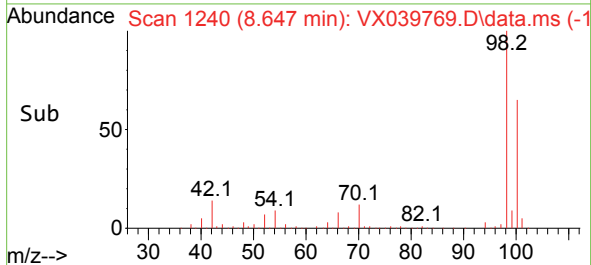
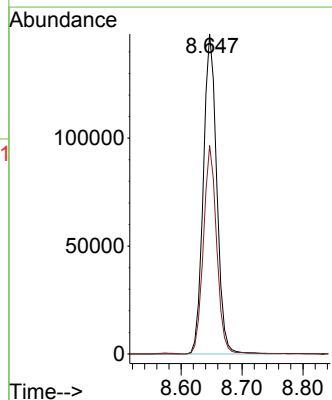
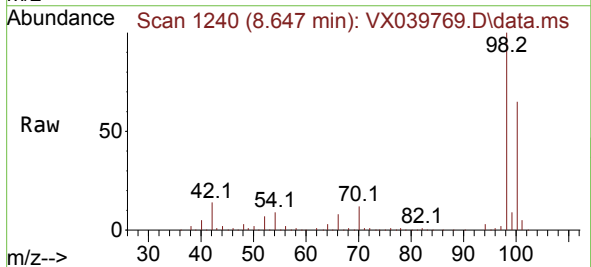
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

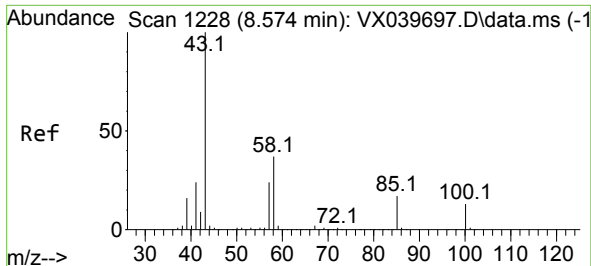
Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
43 737134.4 0.0 0.0#
58 2812.8 60.1 90.1#



#50
Toluene-d8
Concen: 49.168 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion: 98 Resp: 227525
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

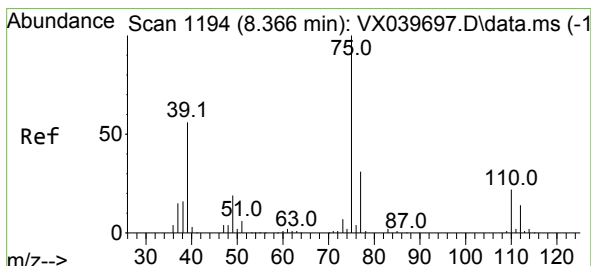
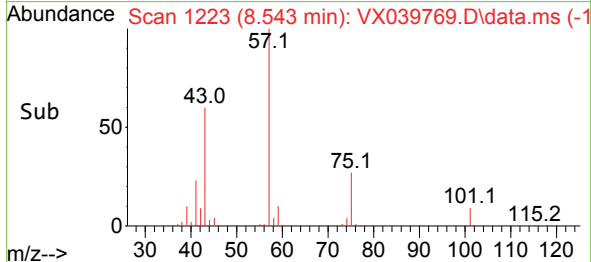
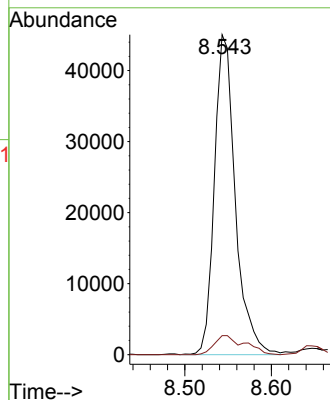
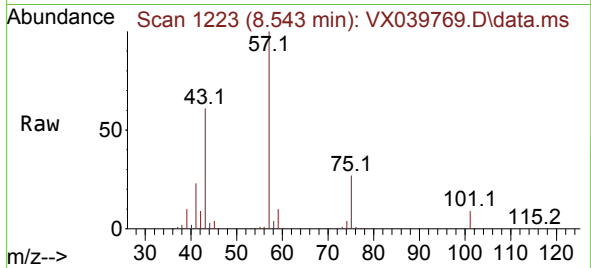




#51
4-Methyl-2-Pentanone
Concen: 29.381 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

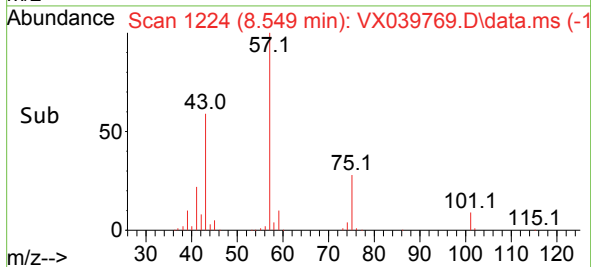
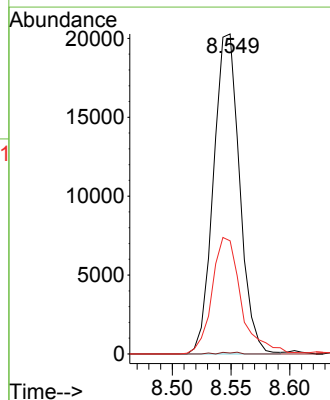
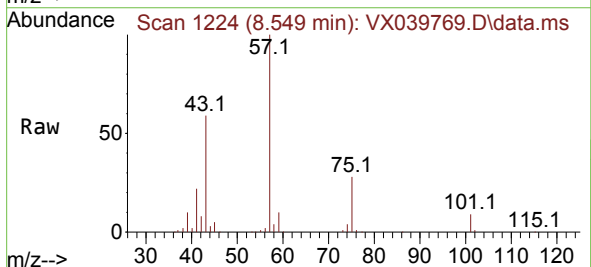
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

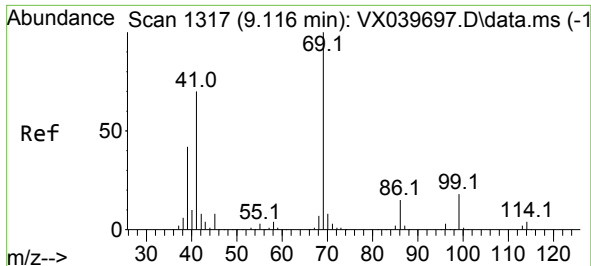
Tgt Ion: 43 Resp: 75630
Ion Ratio Lower Upper
43 100
58 8.7 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 14.458 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion: 75 Resp: 31305
Ion Ratio Lower Upper
75 100
77 0.3 25.3 37.9#
39 35.3 46.7 70.1#

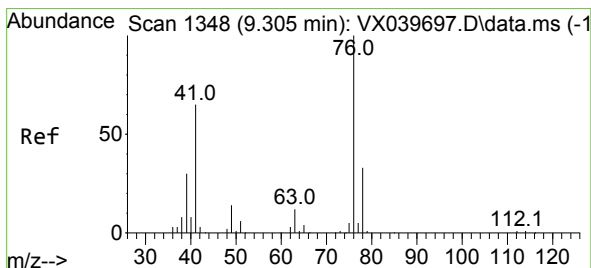
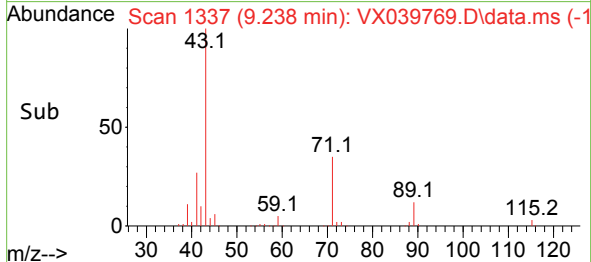
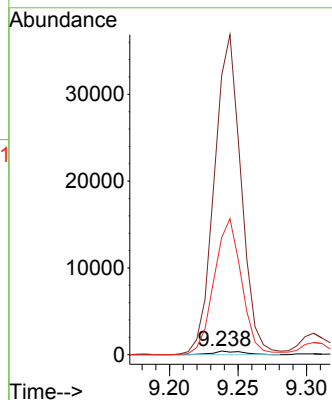
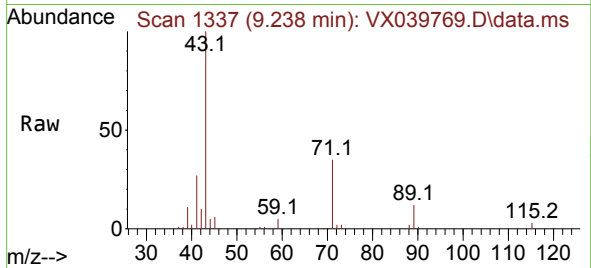




#56
Ethyl methacrylate
Concen: 0.287 ug/l
RT: 9.238 min Scan# 11
Delta R.T. 0.122 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

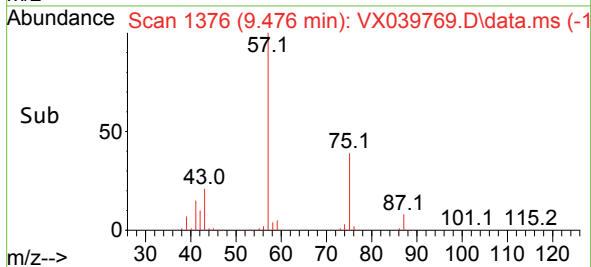
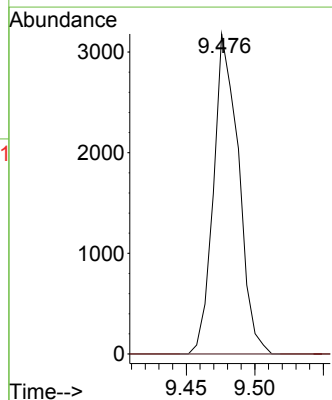
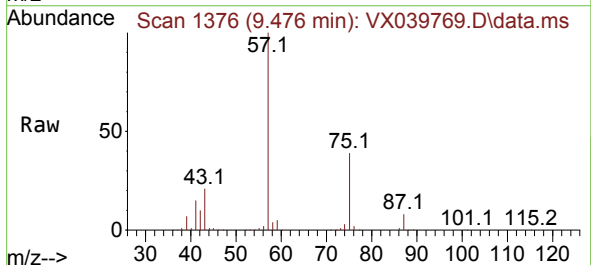
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

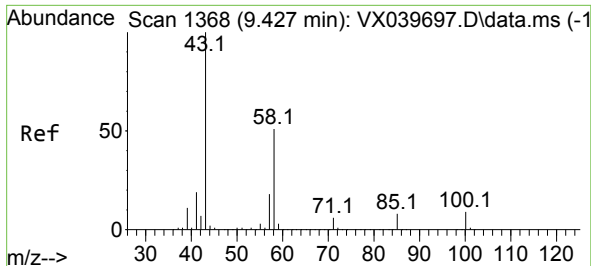
Tgt Ion: 69 Resp: 639
Ion Ratio Lower Upper
69 100
41 7864.6 56.8 85.2#
39 3424.4 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 1.732 ug/l
RT: 9.476 min Scan# 1376
Delta R.T. 0.171 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion: 76 Resp: 4036
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

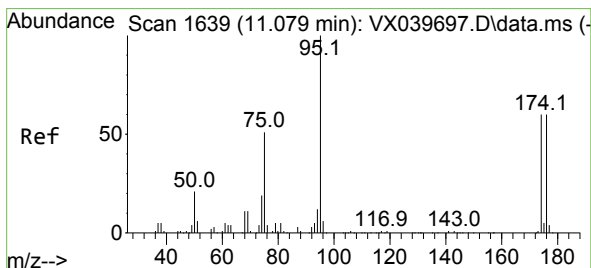
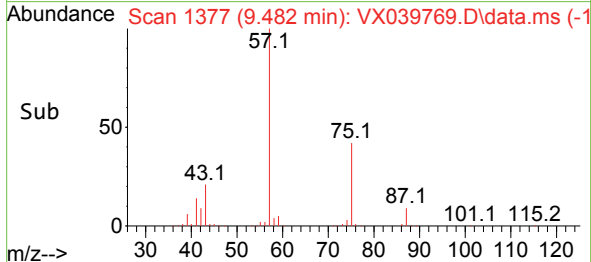
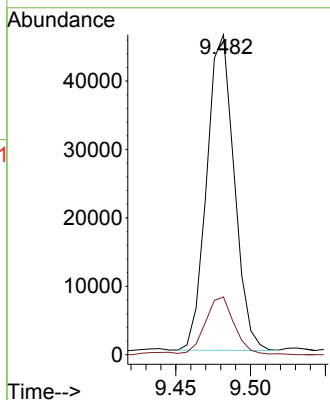
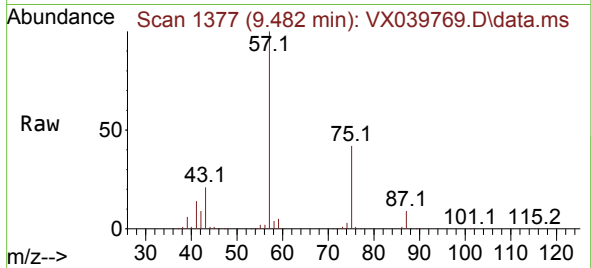




#59
2-Hexanone
Concen: 28.976 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

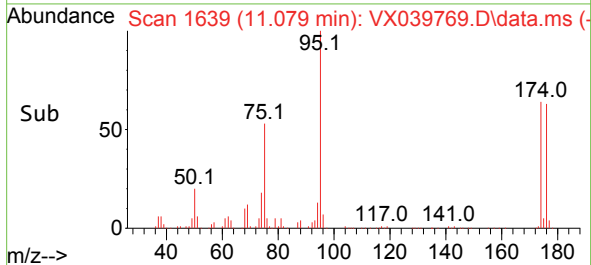
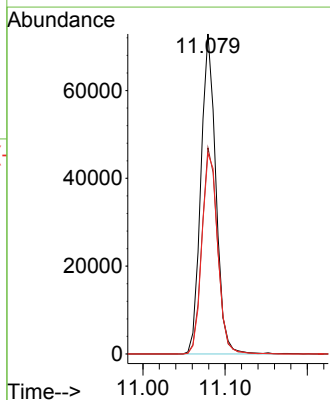
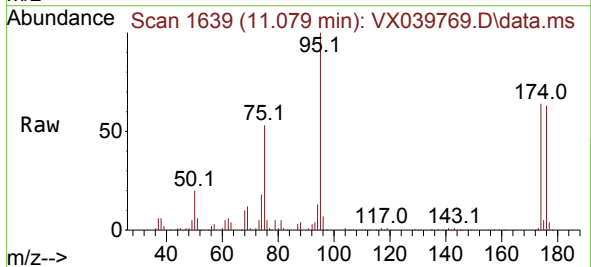
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

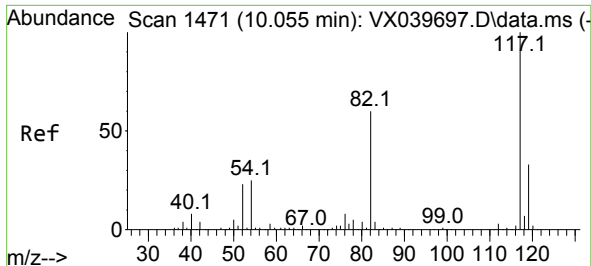
Tgt Ion: 43 Resp: 59032
Ion Ratio Lower Upper
43 100
58 19.4 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 50.972 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion: 95 Resp: 92238
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.6
176 66.4 0.0 131.0

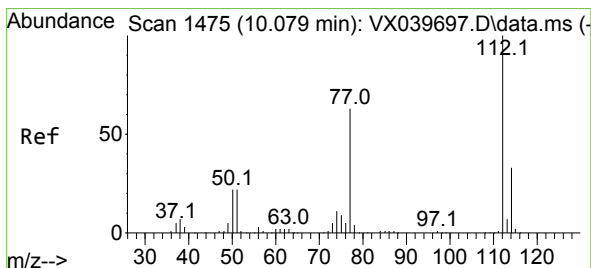
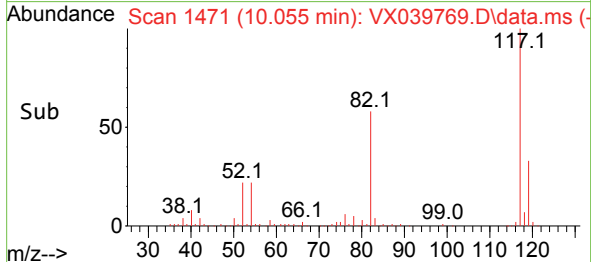
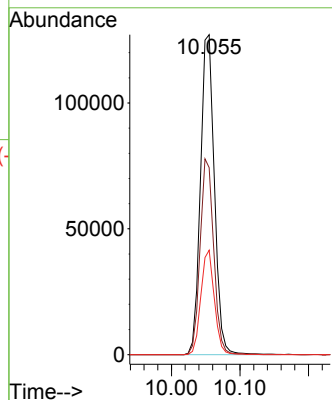
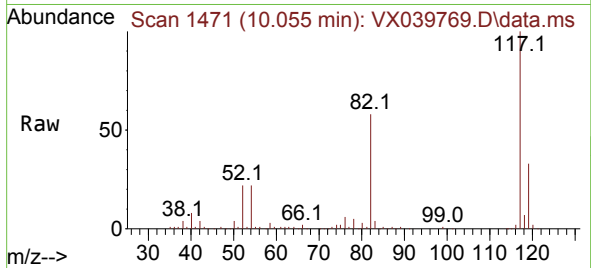




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

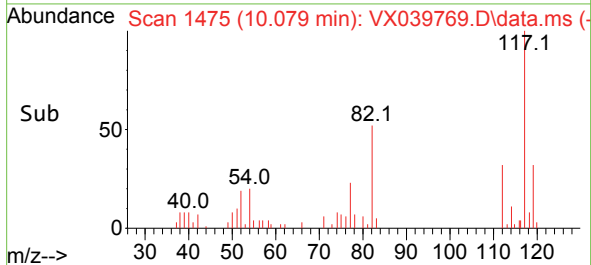
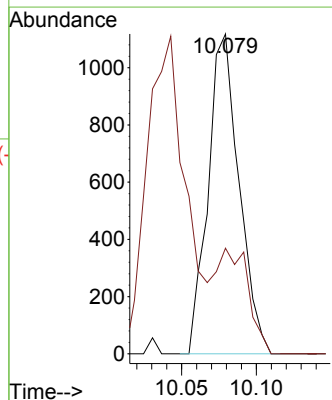
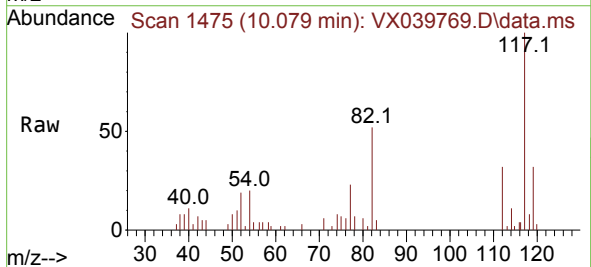
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

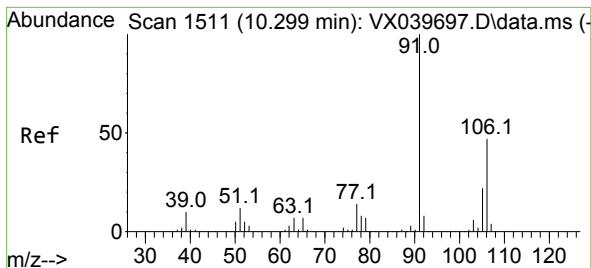
Tgt Ion:117 Resp: 180220
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 32.7 25.5 38.3



#65
Chlorobenzene
Concen: 0.428 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion:112 Resp: 1607
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5

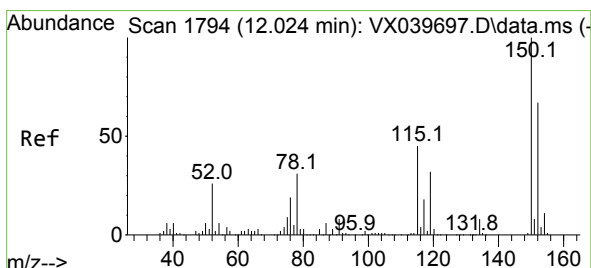
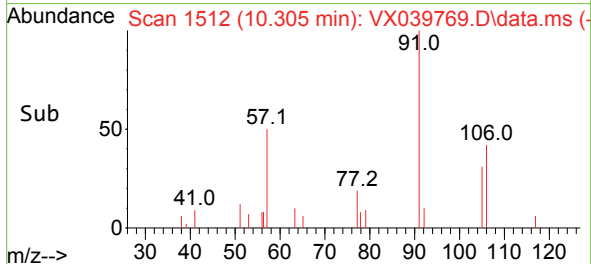
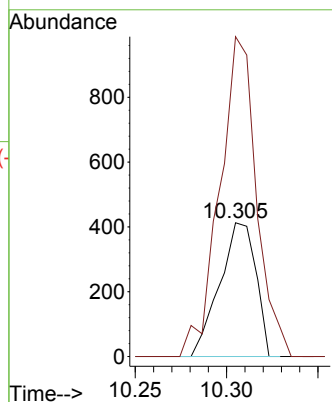
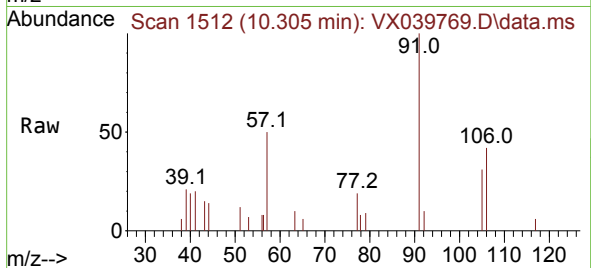




#68
m/p-Xylenes
Concen: 0.222 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

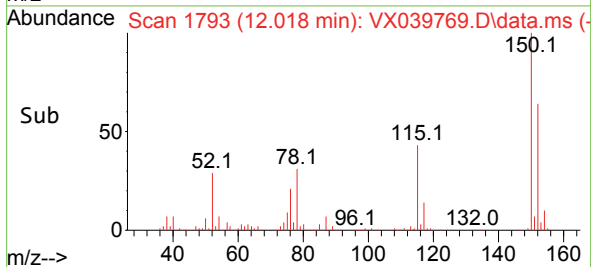
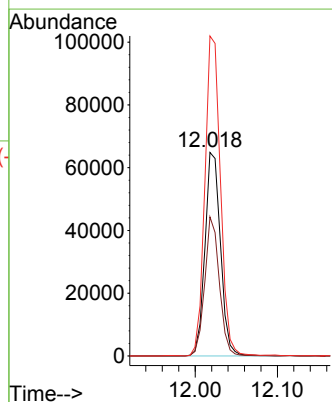
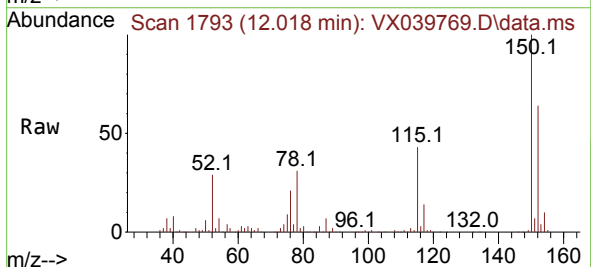
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

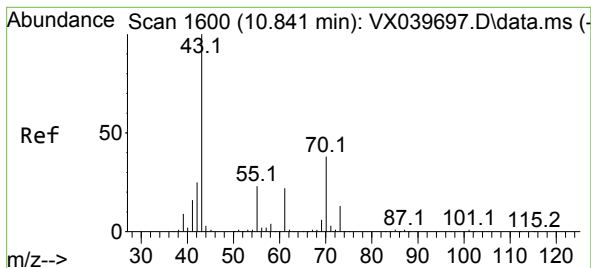
Tgt Ion:106 Resp: 569
Ion Ratio Lower Upper
106 100
91 243.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion:152 Resp: 85035
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 158.2 0.0 345.0





#74

N-amyl acetate

Concen: 0.249 ug/l

RT: 10.823 min Scan# 1

Delta R.T. -0.018 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

PB158447TB

Tgt Ion: 43 Resp: 880

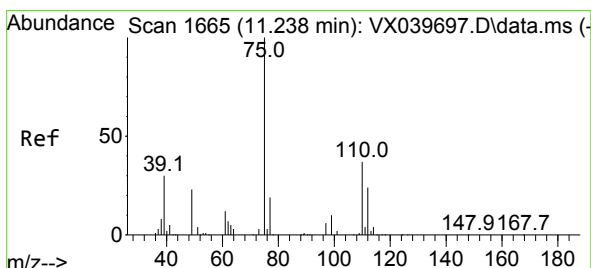
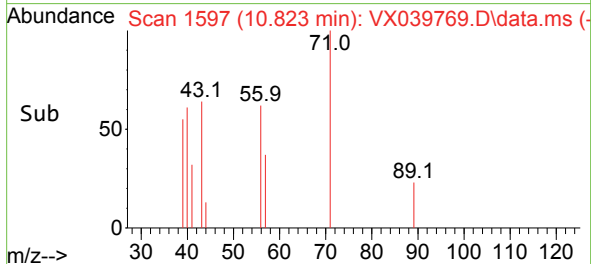
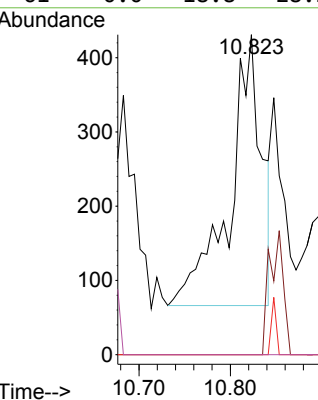
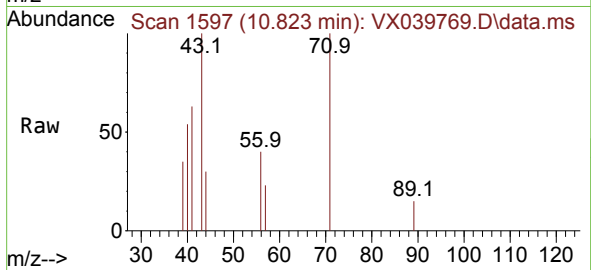
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 0.0 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 22.923 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039769.D

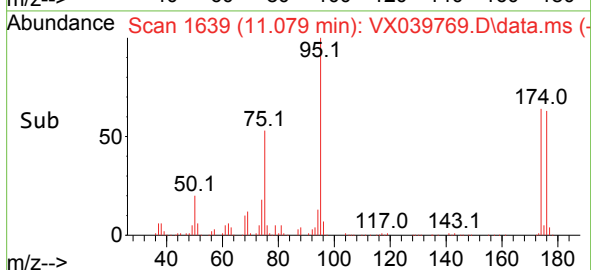
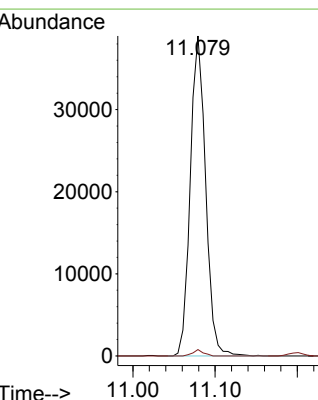
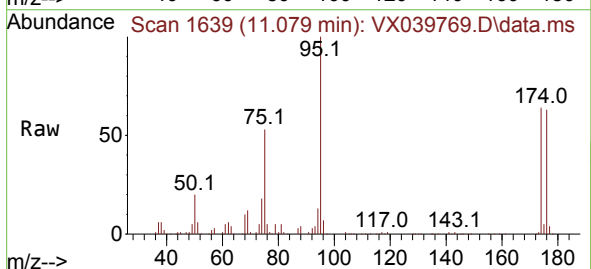
Acq: 16 Jan 2024 13:16

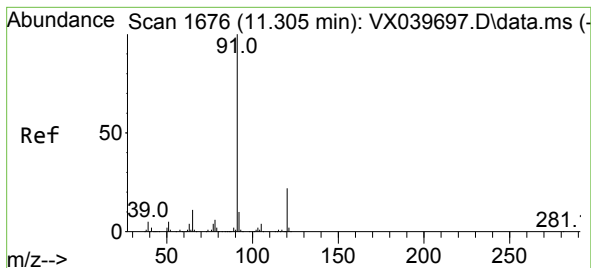
Tgt Ion: 75 Resp: 50536

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#





#78

n-propylbenzene

Concen: 0.251 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

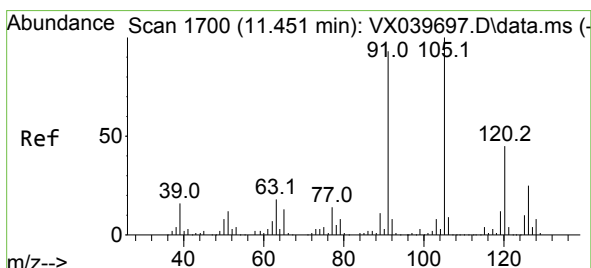
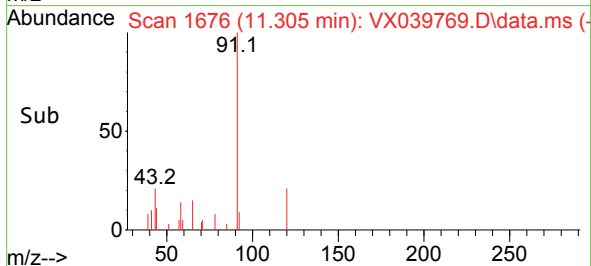
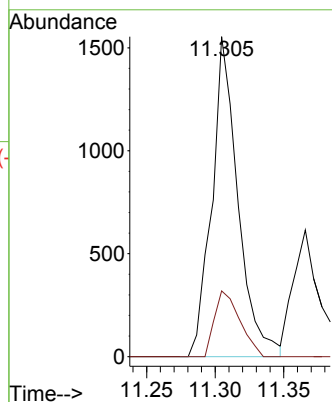
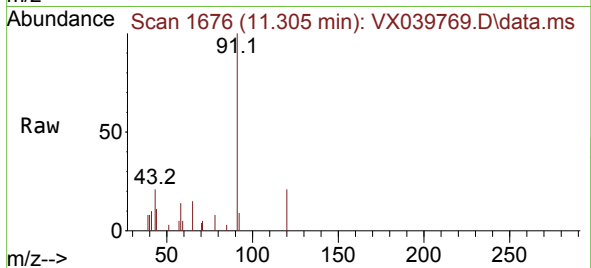
PB158447TB

Tgt Ion: 91 Resp: 2053

Ion Ratio Lower Upper

91 100

120 19.9 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 0.223 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039769.D

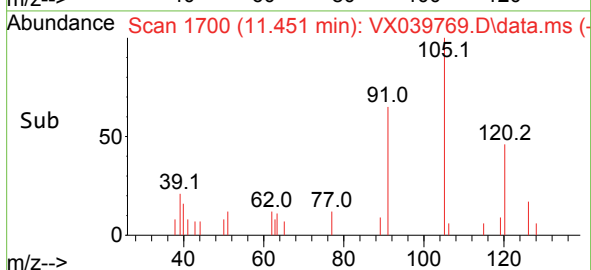
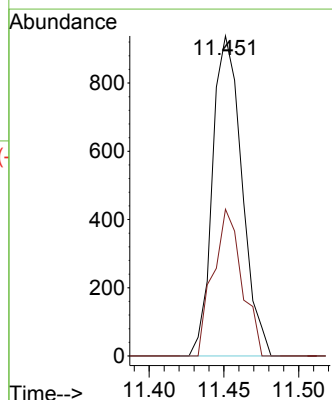
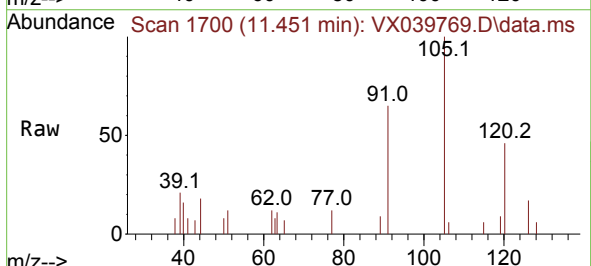
Acq: 16 Jan 2024 13:16

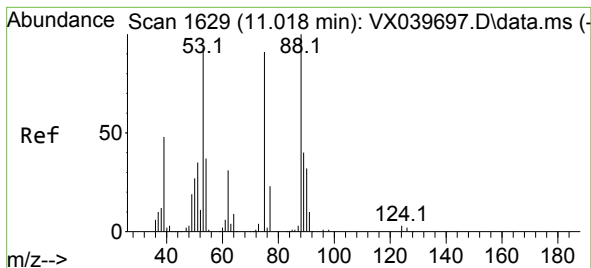
Tgt Ion: 105 Resp: 1282

Ion Ratio Lower Upper

105 100

120 44.9 24.1 72.3

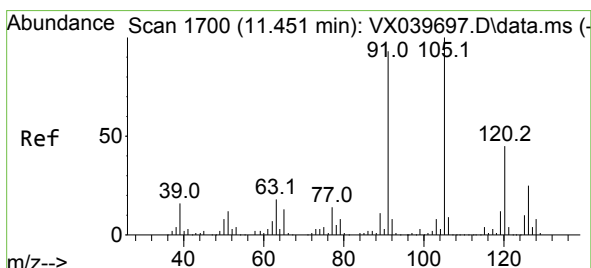
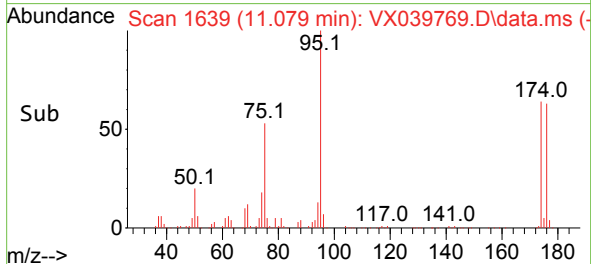
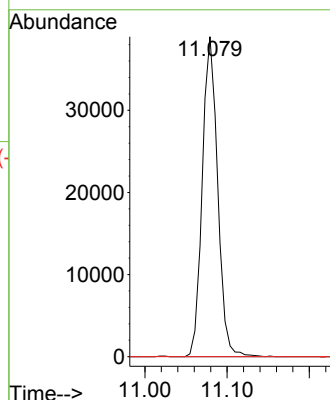
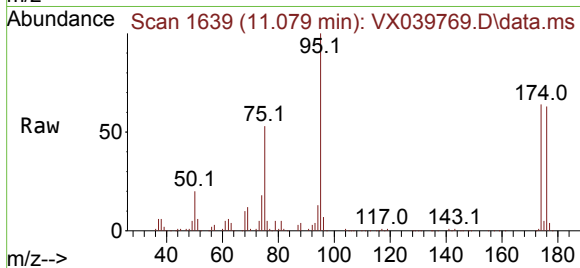




#81
trans-1,4-Dichloro-2-butene
Concen: 66.219 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

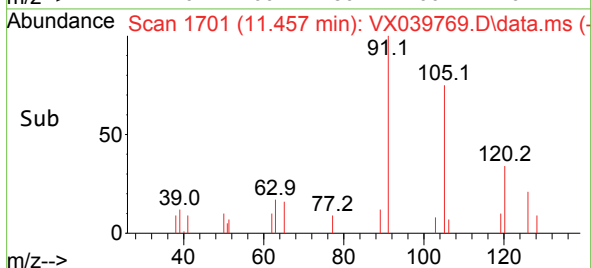
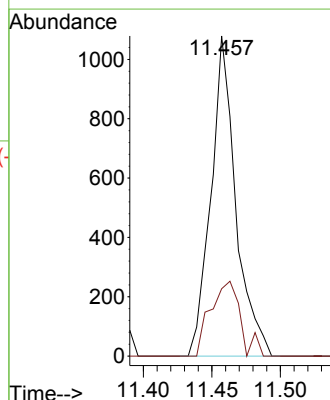
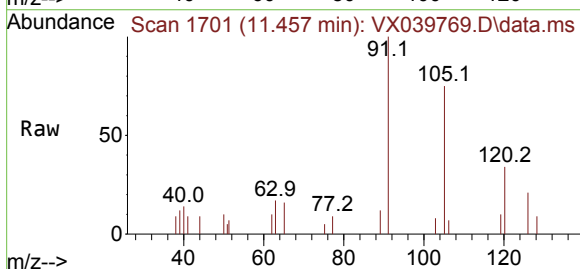
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

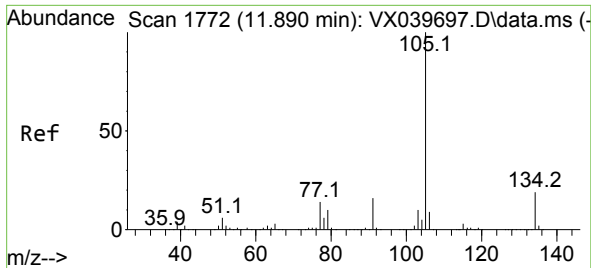
Tgt Ion: 75 Resp: 50536
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.237 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion: 91 Resp: 1360
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6

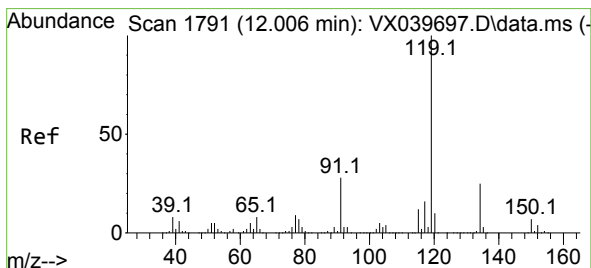
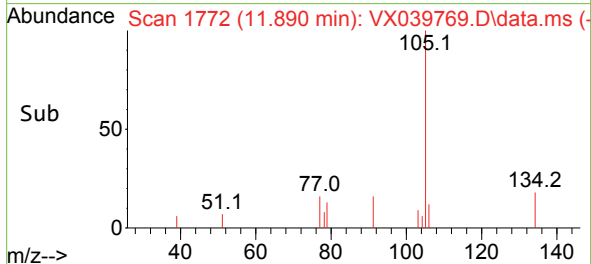
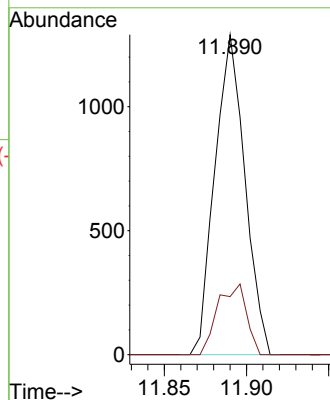
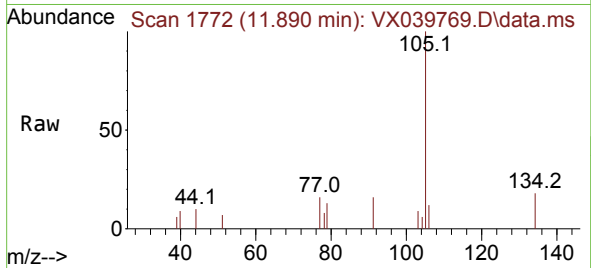




#85
sec-Butylbenzene
Concen: 0.230 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

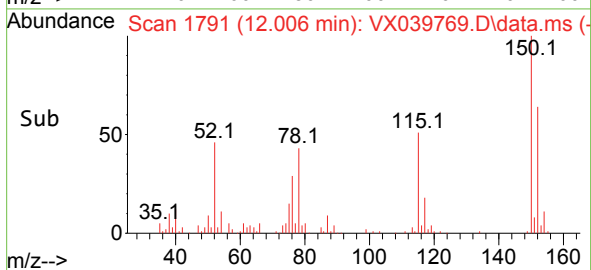
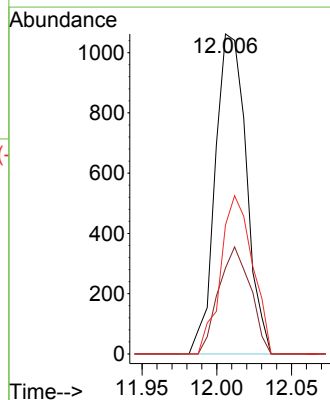
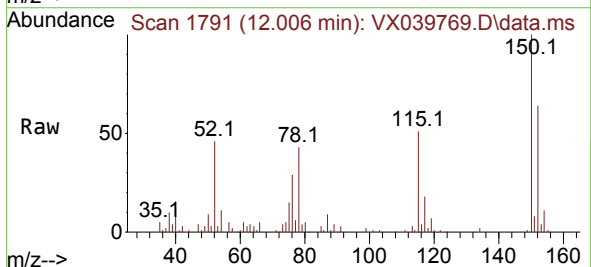
Instrument :
MSVOA_X
ClientSampleId :
PB158447TB

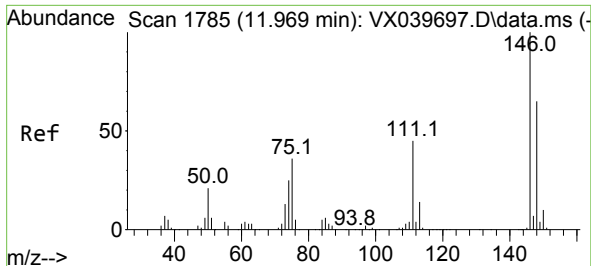
Tgt Ion:105 Resp: 1638
Ion Ratio Lower Upper
105 100
134 21.1 9.8 29.4



#86
p-Isopropyltoluene
Concen: 0.270 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX039769.D
Acq: 16 Jan 2024 13:16

Tgt Ion:119 Resp: 1538
Ion Ratio Lower Upper
119 100
134 34.1 12.8 38.3
91 50.6 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.327 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039769.D

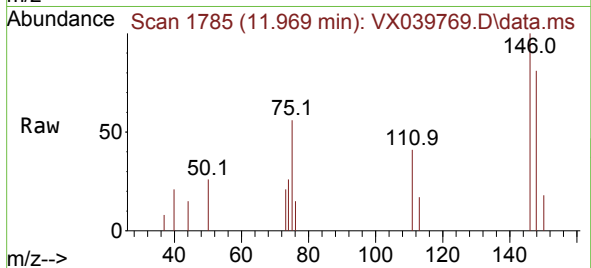
Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

PB158447TB



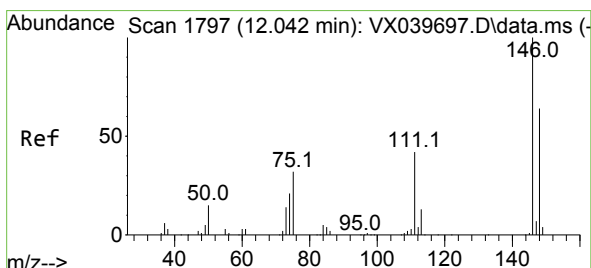
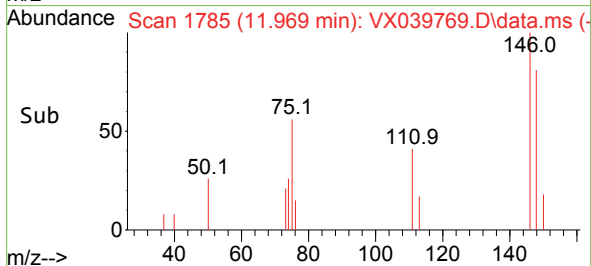
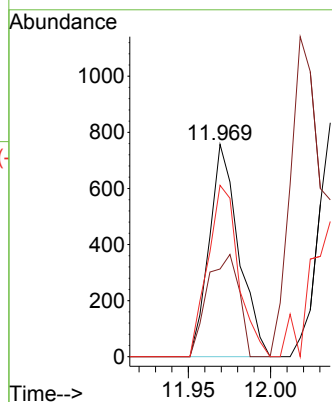
Tgt Ion:146 Resp: 944

Ion Ratio Lower Upper

146 100

111 51.5 22.1 66.1

148 83.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.316 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

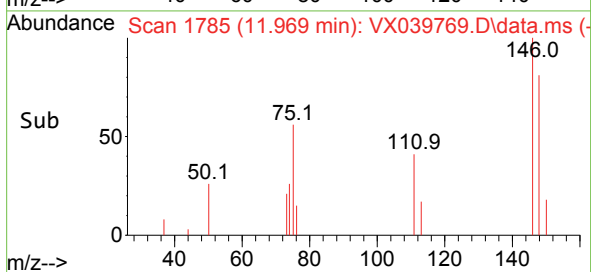
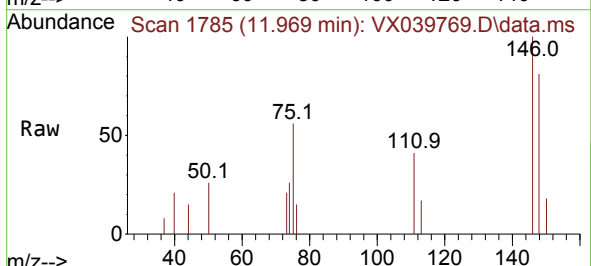
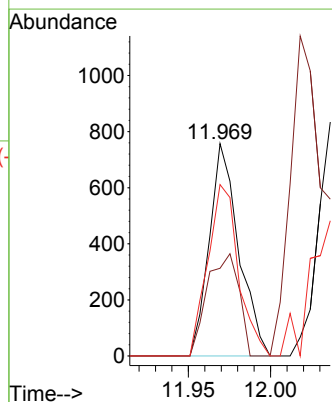
Tgt Ion:146 Resp: 944

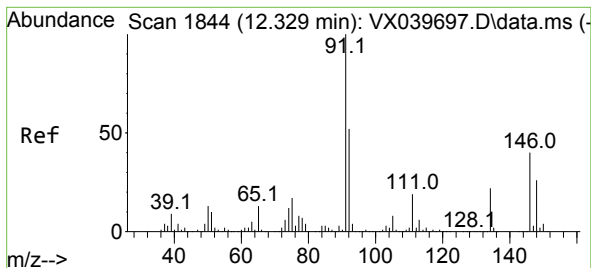
Ion Ratio Lower Upper

146 100

111 51.5 21.3 63.7

148 83.9 31.8 95.4





#89

n-Butylbenzene

Concen: 0.498 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

PB158447TB

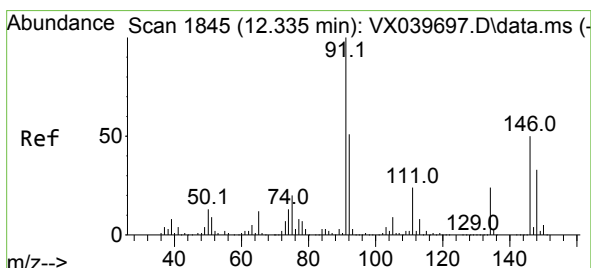
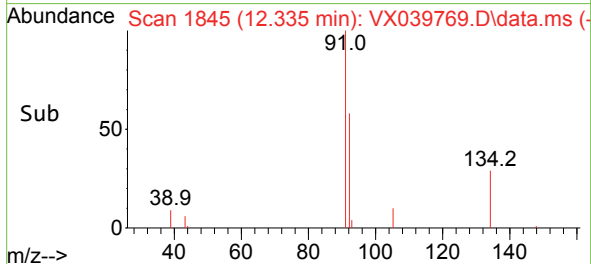
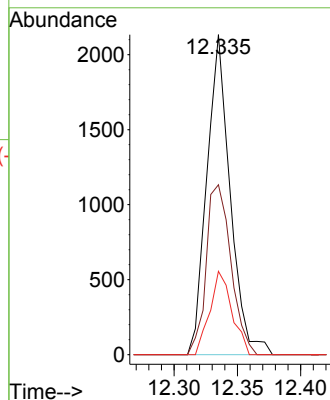
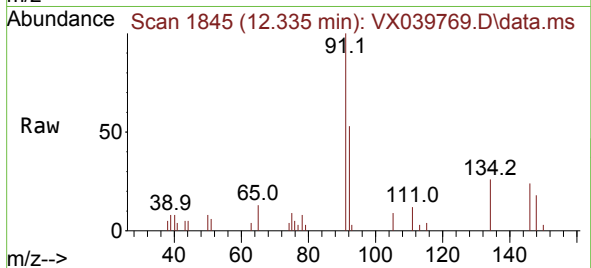
Tgt Ion: 91 Resp: 2738

Ion Ratio Lower Upper

91 100

92 56.4 27.4 82.0

134 24.6 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.256 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

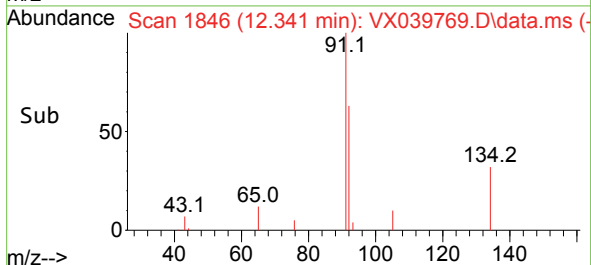
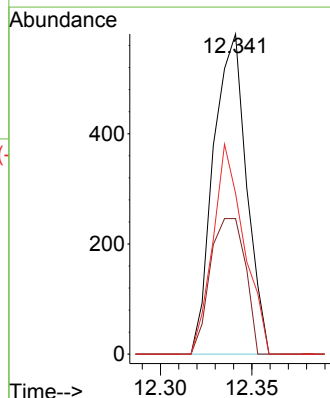
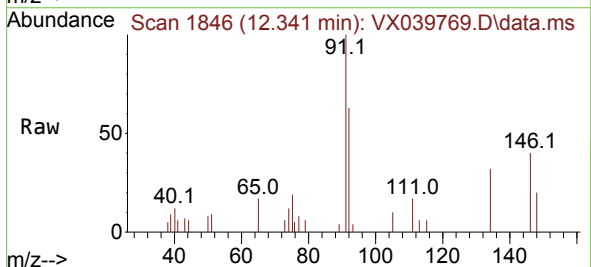
Tgt Ion:146 Resp: 731

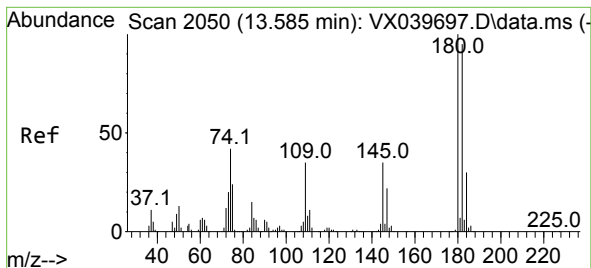
Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.0

148 61.7 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.807 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

PB158447TB

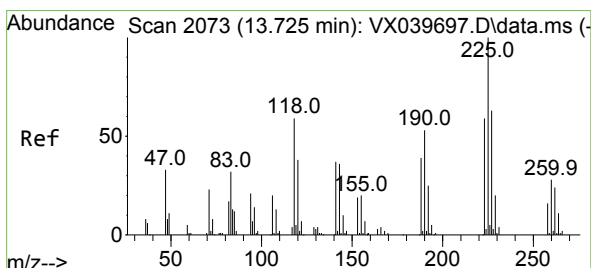
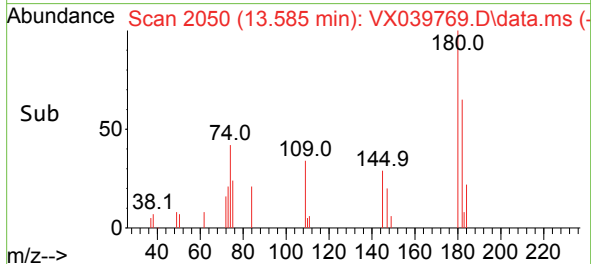
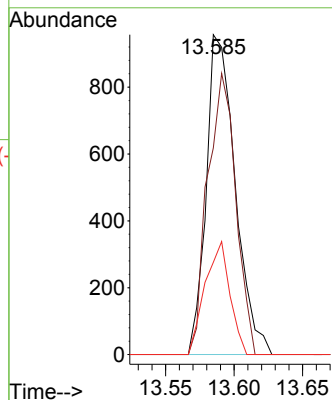
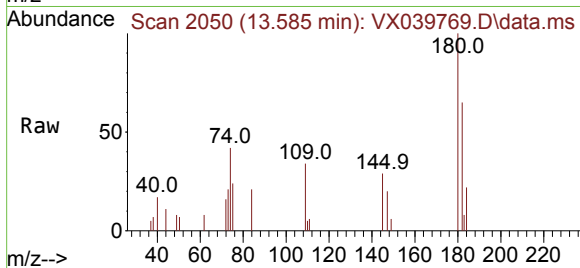
Tgt Ion:180 Resp: 1409

Ion Ratio Lower Upper

180 100

182 85.0 48.3 144.8

145 30.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.838 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

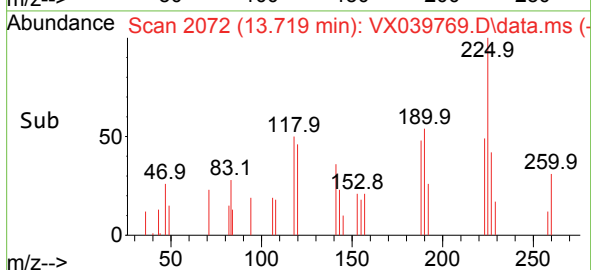
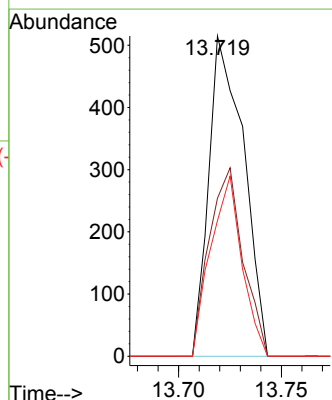
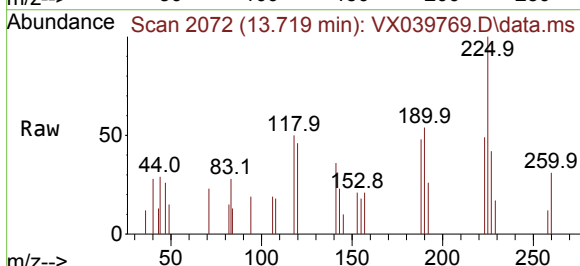
Tgt Ion:225 Resp: 608

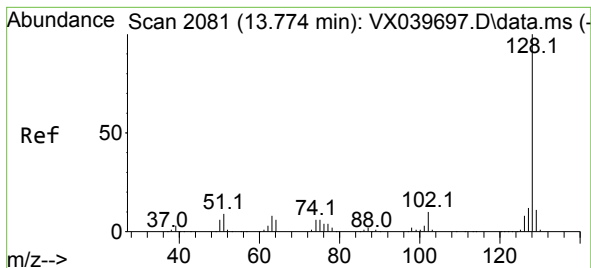
Ion Ratio Lower Upper

225 100

223 57.1 31.1 93.2

227 50.5 32.5 97.5





#95

Naphthalene

Concen: 0.763 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

Instrument :

MSVOA_X

ClientSampleId :

PB158447TB

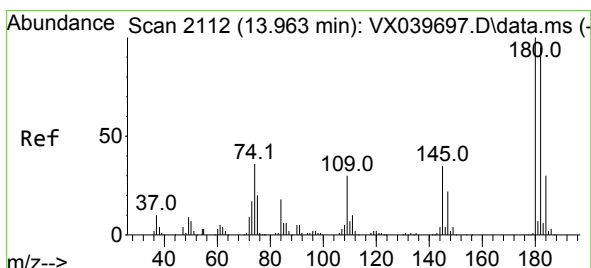
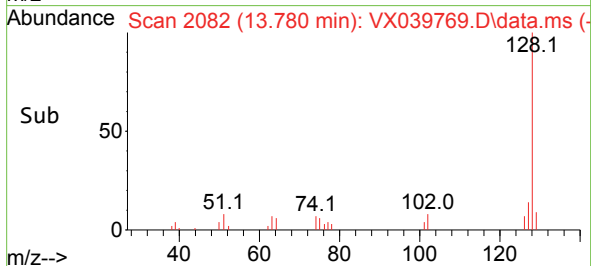
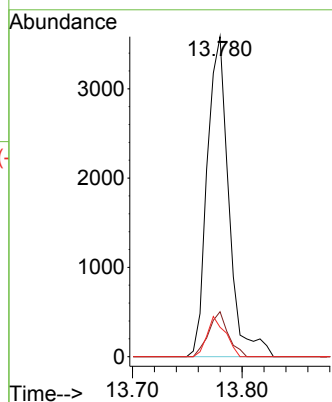
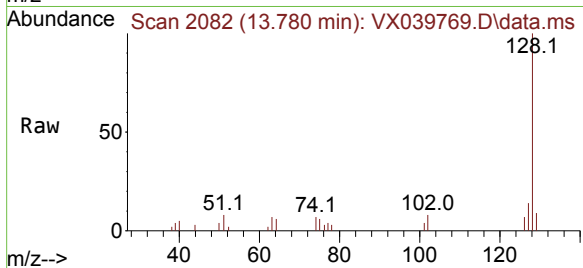
Tgt Ion:128 Resp: 4901

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.738 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039769.D

Acq: 16 Jan 2024 13:16

Tgt Ion:180 Resp: 1300

Ion Ratio Lower Upper

180 100

182 81.4 46.9 140.6

145 36.8 17.8 53.5

