

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035446.D
 Acq On : 01 May 2023 17:28
 Operator : JC/MD
 Sample : 02522-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 02 00:03:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

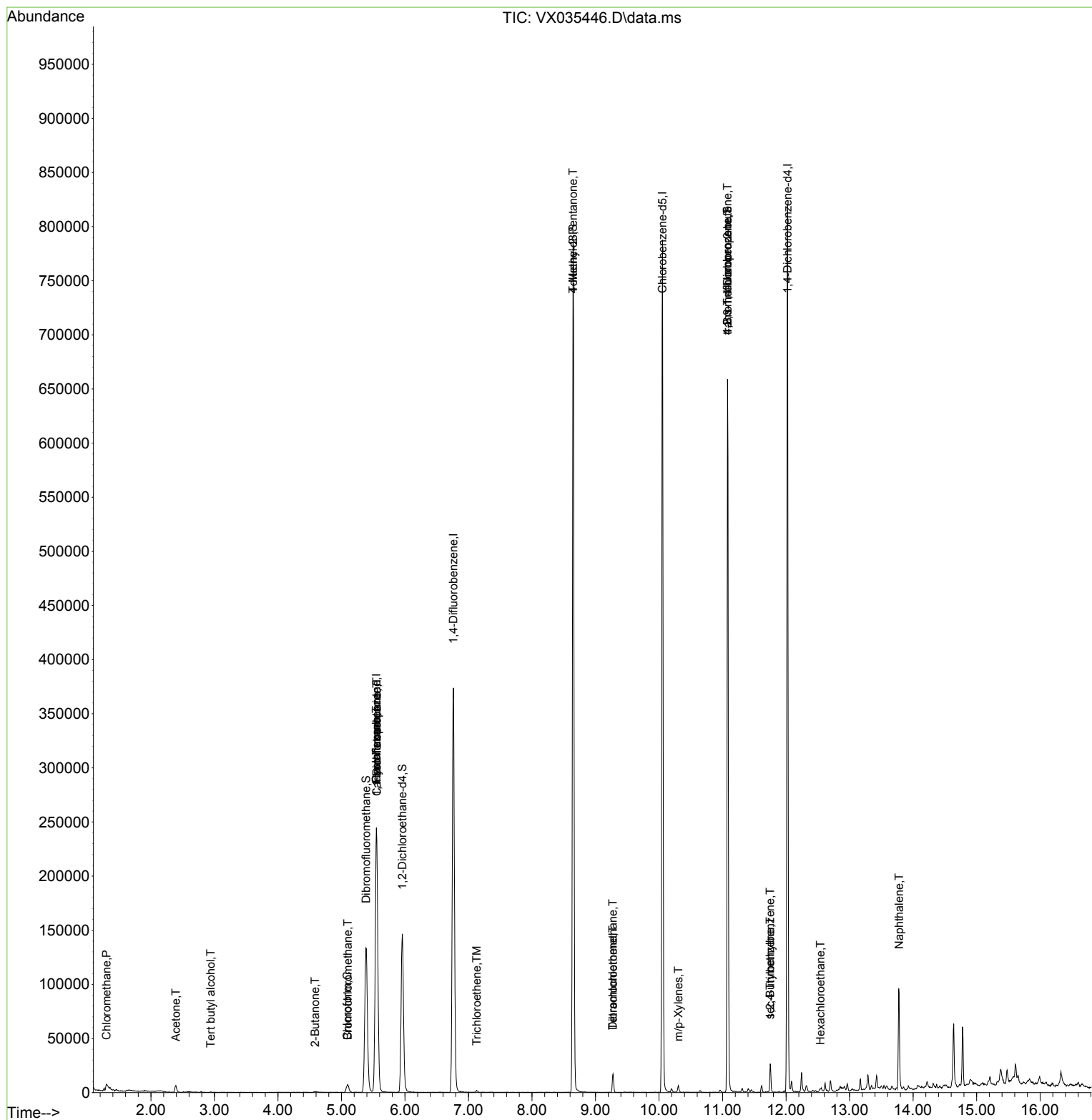
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	241833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	393811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141744	48.583	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.160%
35) Dibromofluoromethane	5.385	113	121386	50.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	8.647	98	470196	51.567	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.140%
62) 4-Bromofluorobenzene	11.079	95	183550	53.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	490	0.210	ug/l #	42
11) Tert butyl alcohol	2.940	59	155	0.292	ug/l #	73
16) Acetone	2.392	43	8292	6.544	ug/l	99
25) 2-Butanone	4.586	43	1376	0.744	ug/l	98
28) Bromochloromethane	5.099	49	601	0.306	ug/l #	15
30) Chloroform	5.092	83	8612	1.852	ug/l	92
31) Cyclohexane	5.550	56	4307	1.041	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16802	4.452	ug/l #	51
38) Carbon Tetrachloride	5.556	117	23662	6.604	ug/l #	17
44) Trichloroethene	7.129	130	666	0.223	ug/l	78
51) 4-Methyl-2-Pentanone	8.647	43	1933	0.543	ug/l #	1
60) Dibromochloromethane	9.275	129	3241	1.236	ug/l #	10
64) Tetrachloroethene	9.275	164	3392	1.200	ug/l	94
68) m/p-Xylenes	10.305	106	1412	0.266	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	89893	25.280	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	89893	81.877	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	12098	1.096	ug/l	99
85) sec-Butylbenzene	11.750	105	12098	0.895	ug/l #	56
90) Hexachloroethane	12.542	117	415	0.236	ug/l #	15
95) Naphthalene	13.780	128	64406	5.406	ug/l	99

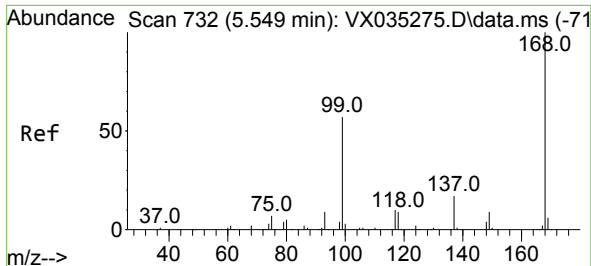
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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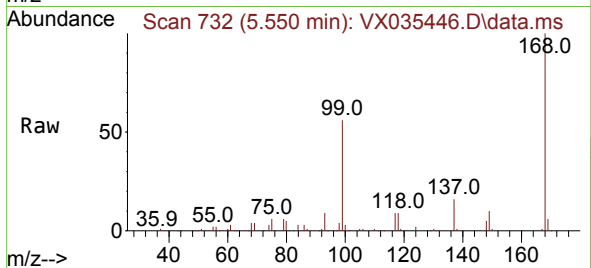
Quant Time: May 02 00:03:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration



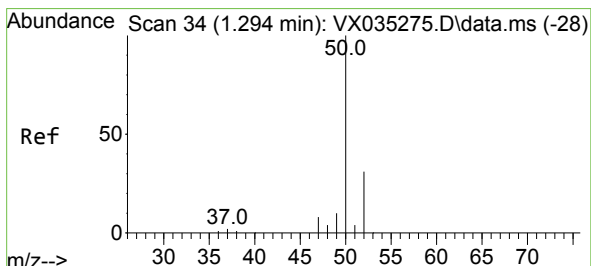
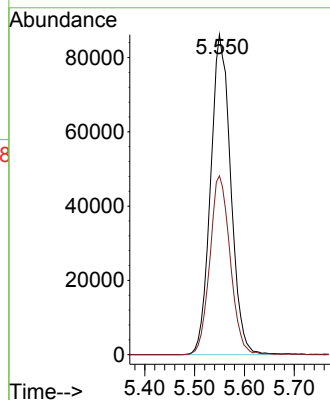
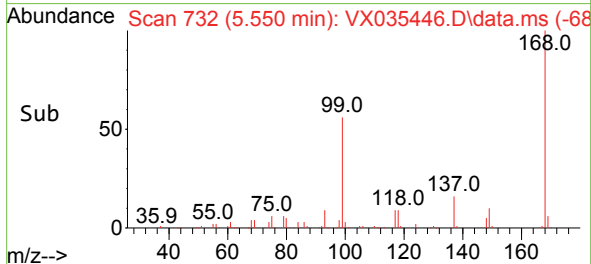


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

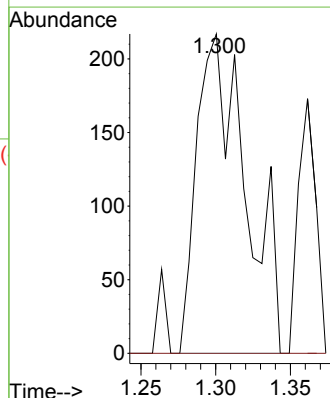
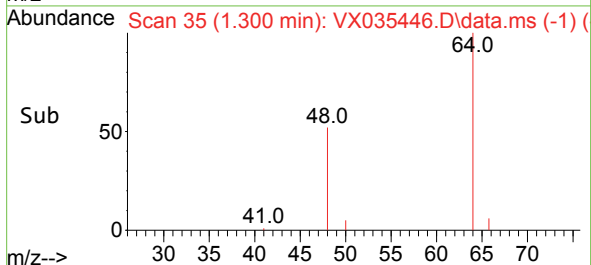
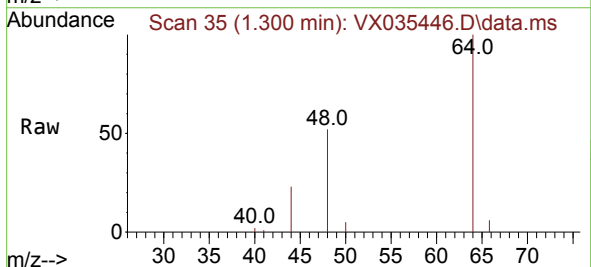


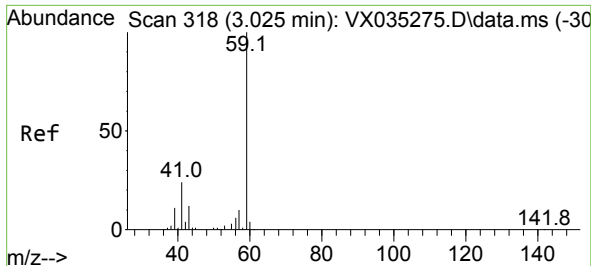
Tgt Ion:168 Resp: 241833
Ion Ratio Lower Upper
168 100
99 55.9 45.7 68.5



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

Tgt Ion: 50 Resp: 490
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.292 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.085 min

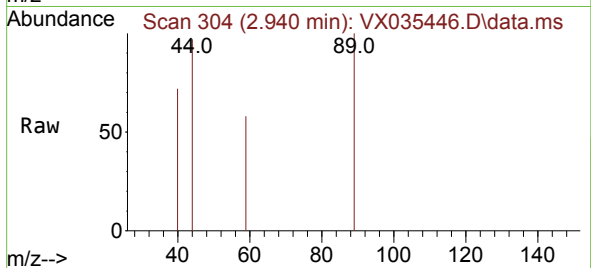
Lab File: VX035446.D

Acq: 01 May 2023 17:28

Instrument :

MSVOA_X

ClientSampleId :

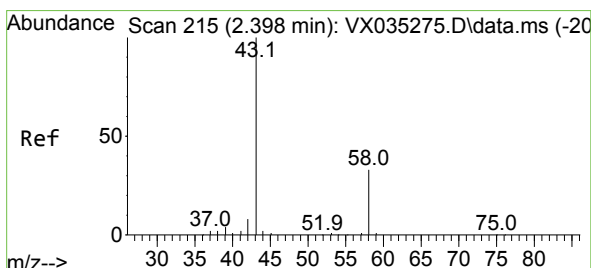
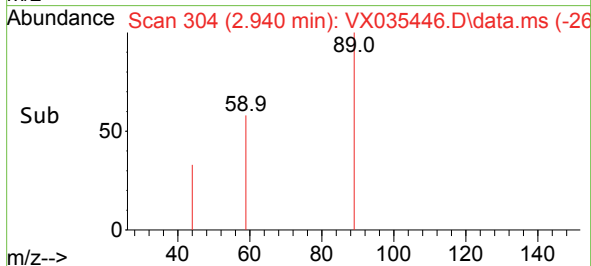
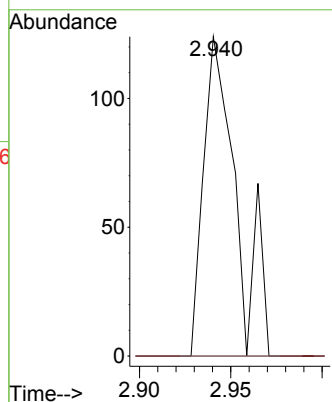


Tgt Ion: 59 Resp: 155

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 6.544 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035446.D

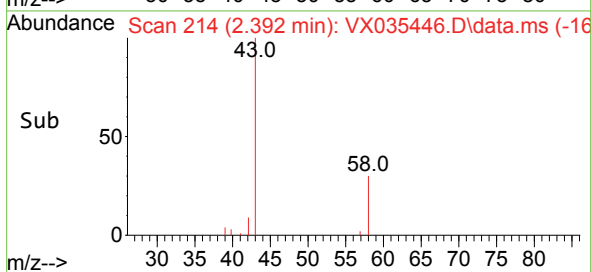
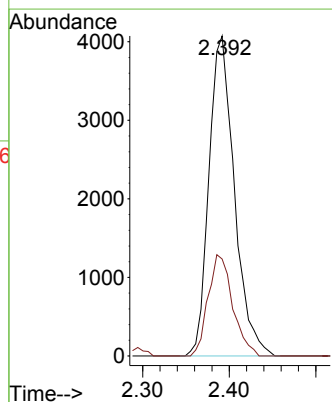
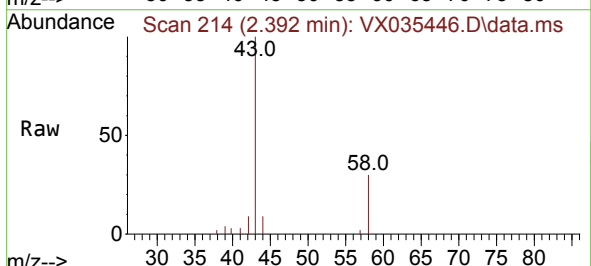
Acq: 01 May 2023 17:28

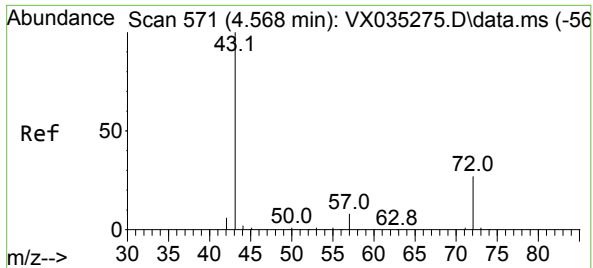
Tgt Ion: 43 Resp: 8292

Ion Ratio Lower Upper

43 100

58 30.3 24.7 37.1





#25

2-Butanone

Concen: 0.744 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX035446.D

Acq: 01 May 2023 17:28

Instrument :

MSVOA_X

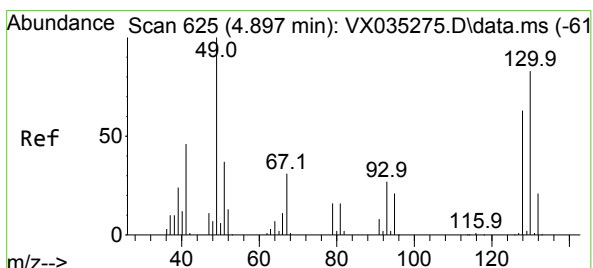
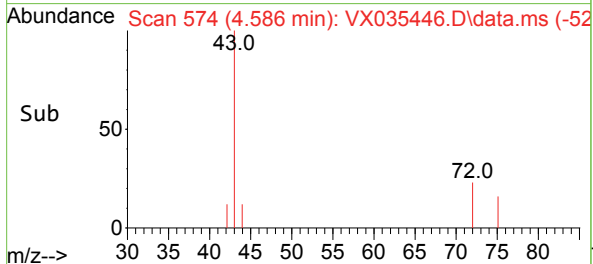
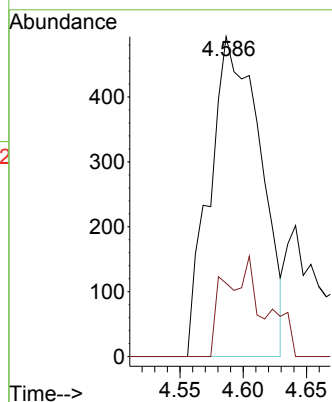
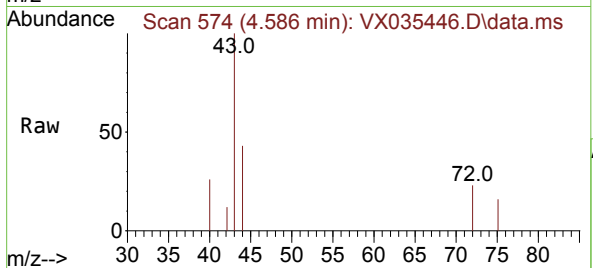
ClientSampleId :

Tgt Ion: 43 Resp: 1376

Ion Ratio Lower Upper

43 100

72 22.9 19.3 28.9



#28

Bromochloromethane

Concen: 0.306 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.202 min

Lab File: VX035446.D

Acq: 01 May 2023 17:28

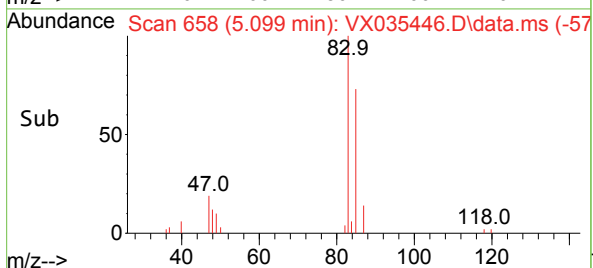
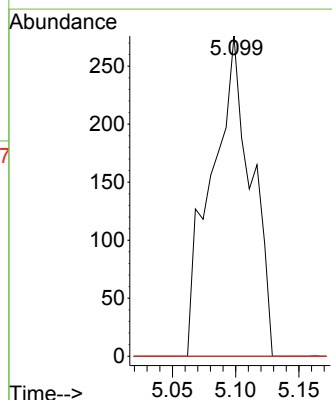
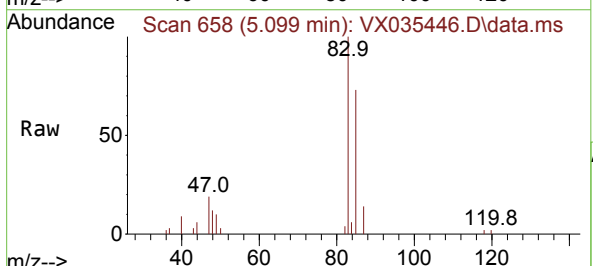
Tgt Ion: 49 Resp: 601

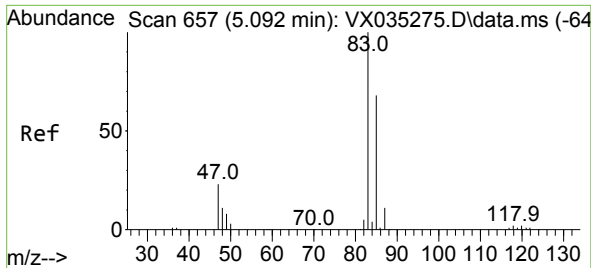
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 58.2 87.2#

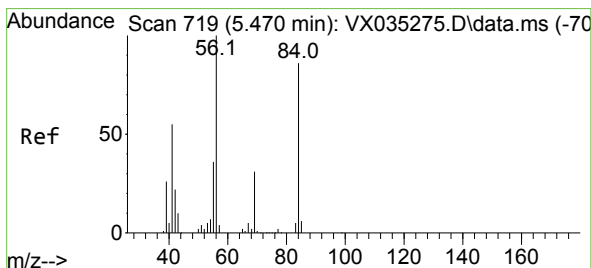
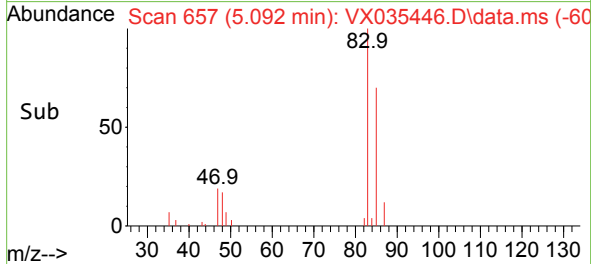
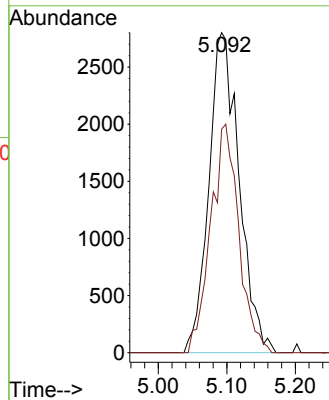
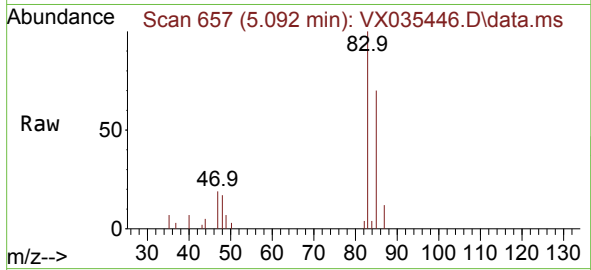




#30
Chloroform
Concen: 1.852 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

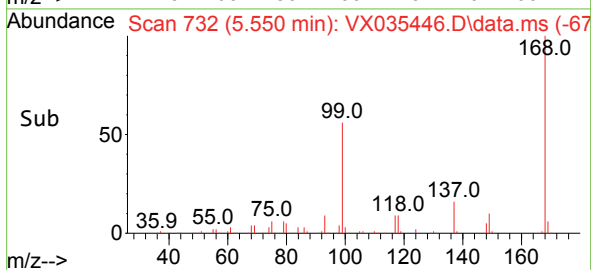
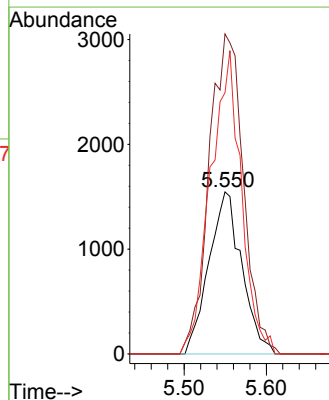
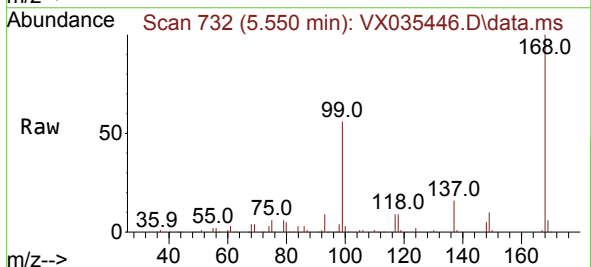
Instrument :
MSVOA_X
ClientSampleId :

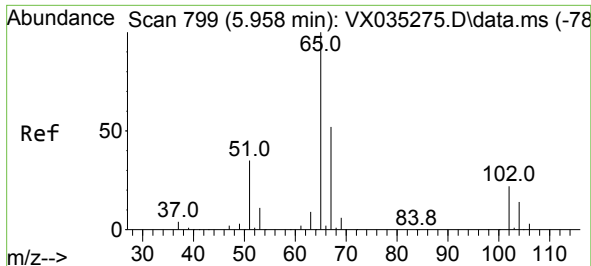
Tgt Ion: 83 Resp: 8612
Ion Ratio Lower Upper
83 100
85 69.8 50.6 76.0



#31
Cyclohexane
Concen: 1.041 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

Tgt Ion: 56 Resp: 4307
Ion Ratio Lower Upper
56 100
69 197.5 23.7 35.5#
84 161.3 68.5 102.7#

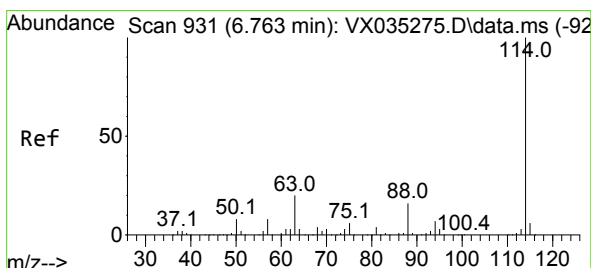
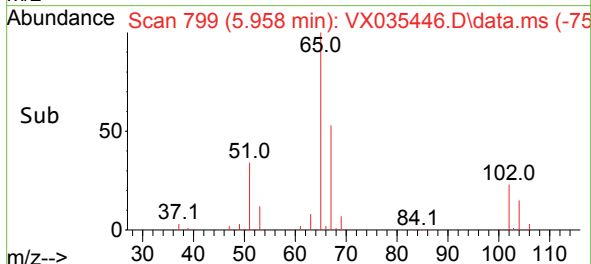
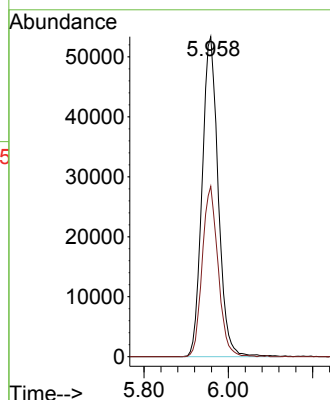
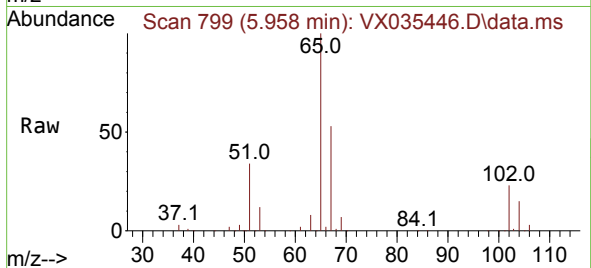




#33
1,2-Dichloroethane-d4
Concen: 48.583 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

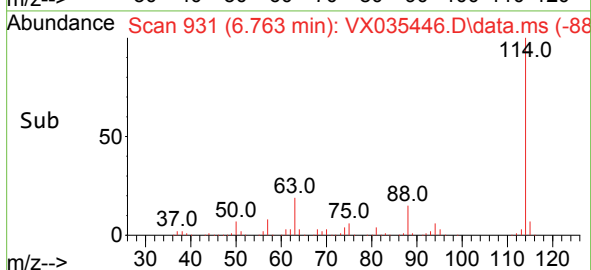
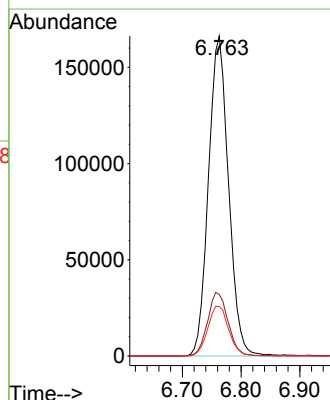
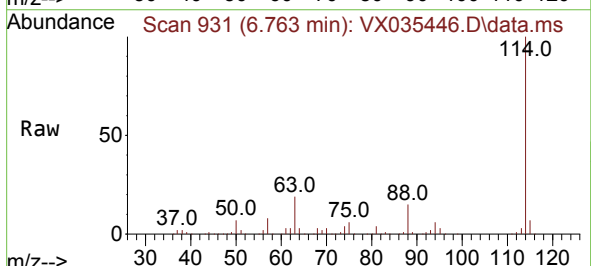
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MSVOA_X
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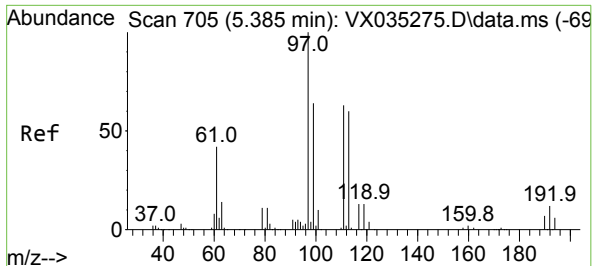
Tgt Ion: 65 Resp: 141744
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

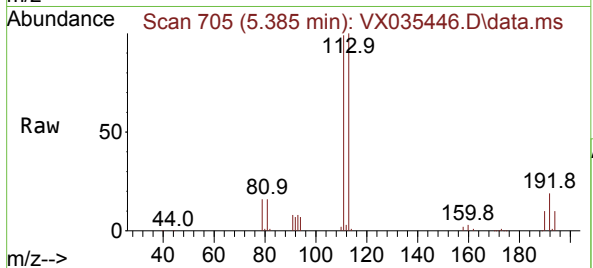
Tgt Ion: 114 Resp: 393811
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.2
88 15.4 0.0 33.2



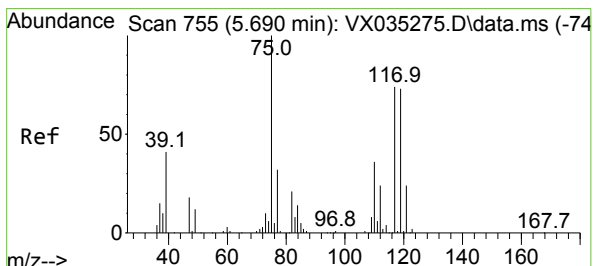
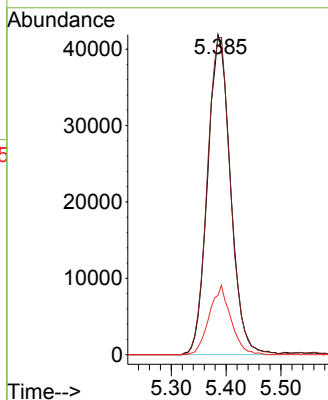
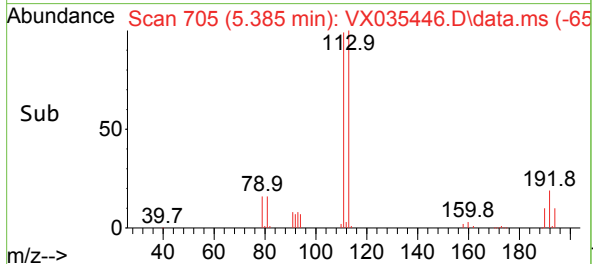


#35
Dibromofluoromethane
Concen: 50.220 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

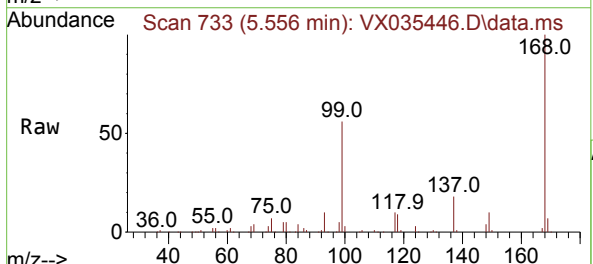
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MSVOA_X
ClientSampleId :



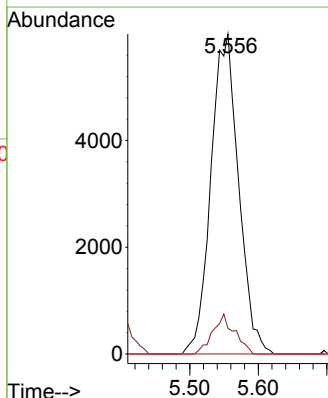
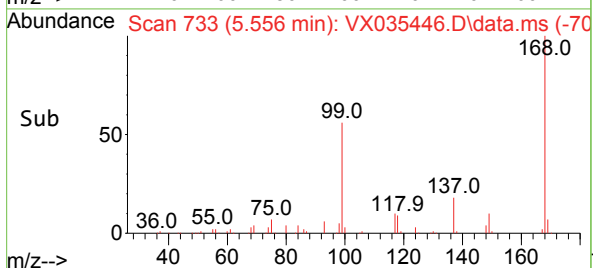
Tgt Ion:113 Resp: 121386
Ion Ratio Lower Upper
113 100
111 101.1 83.7 125.5
192 20.5 15.4 23.2

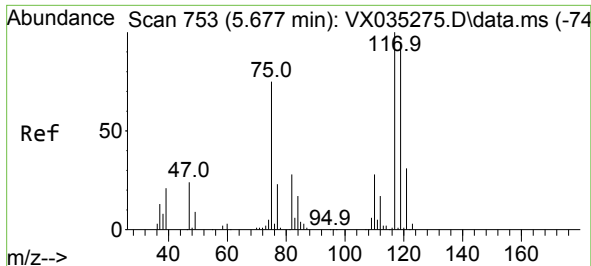


#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28



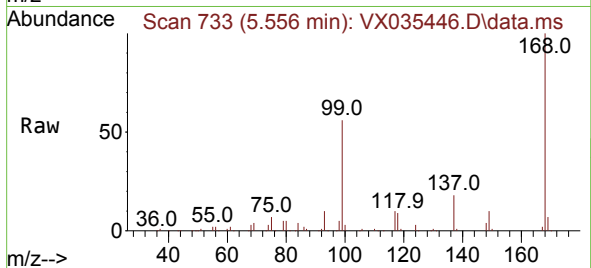
Tgt Ion: 75 Resp: 16802
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



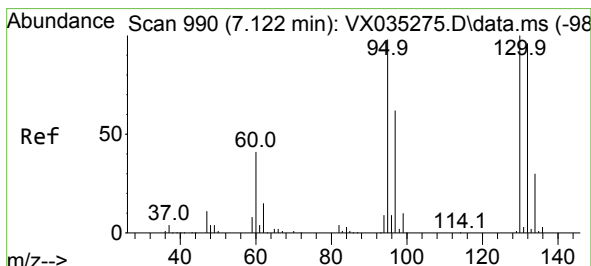
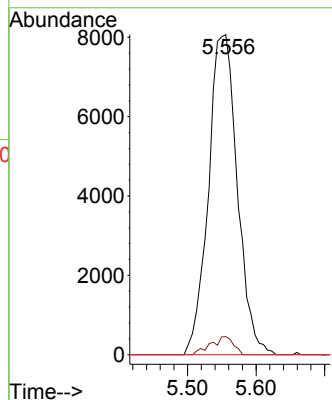
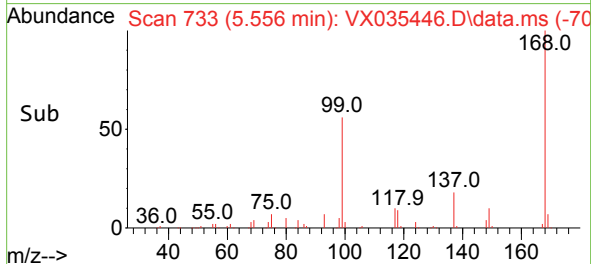


#38
Carbon Tetrachloride
Concen: 6.604 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

Instrument :
MSVOA_X
ClientSampleId :

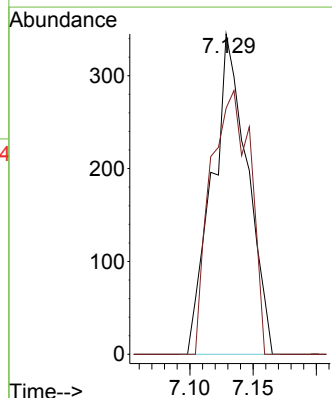
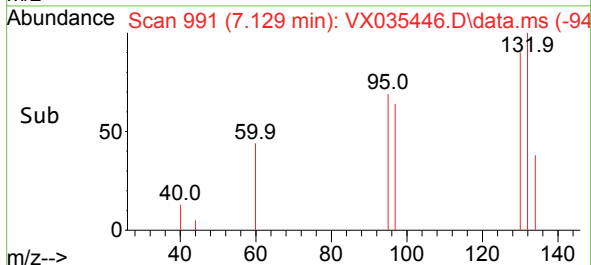
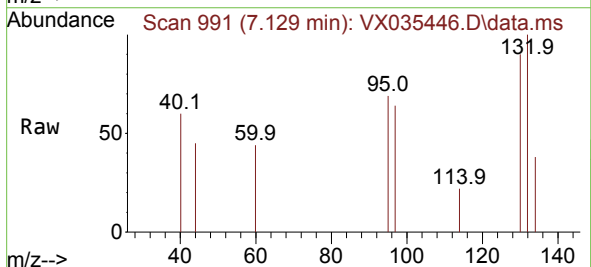


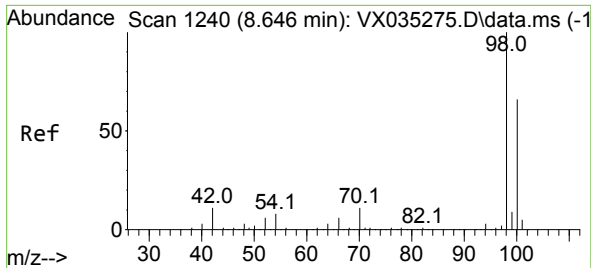
Tgt Ion:117 Resp: 23662
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.223 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

Tgt Ion:130 Resp: 666
Ion Ratio Lower Upper
130 100
95 76.8 0.0 198.4

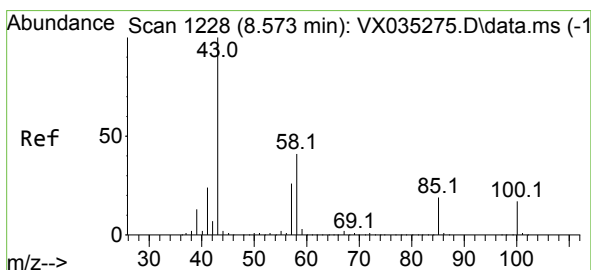
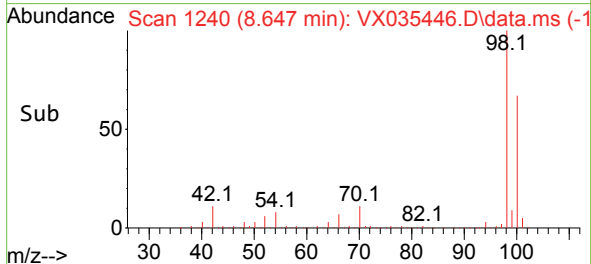
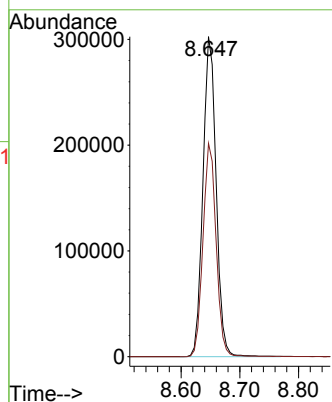
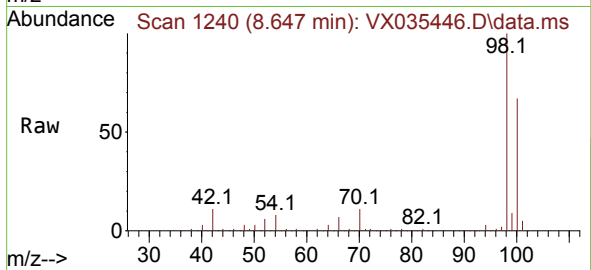




#50
Toluene-d8
Concen: 51.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

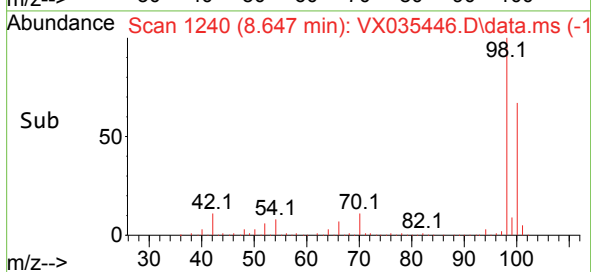
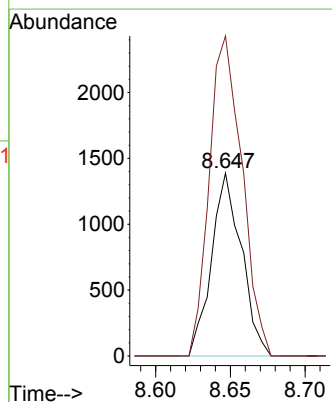
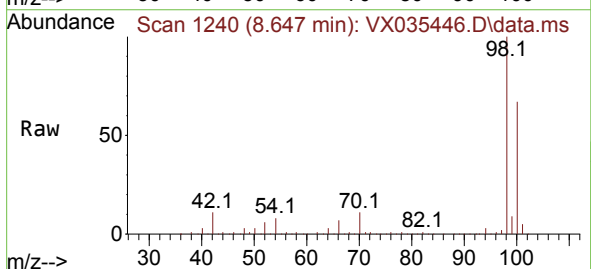
Instrument :
MSVOA_X
ClientSampleId :

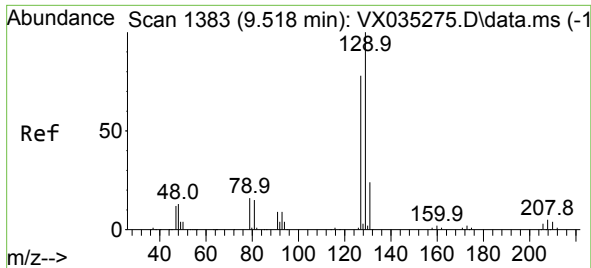
Tgt Ion: 98 Resp: 470196
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

Tgt Ion: 43 Resp: 1933
Ion Ratio Lower Upper
43 100
58 191.3 30.6 46.0#

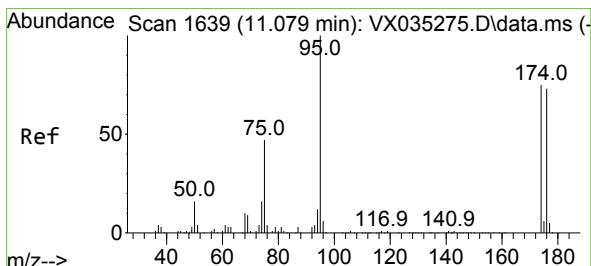
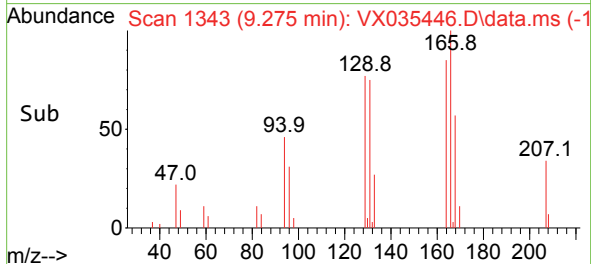
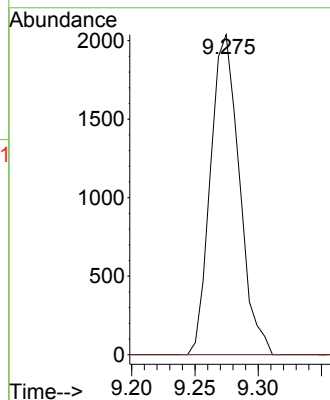
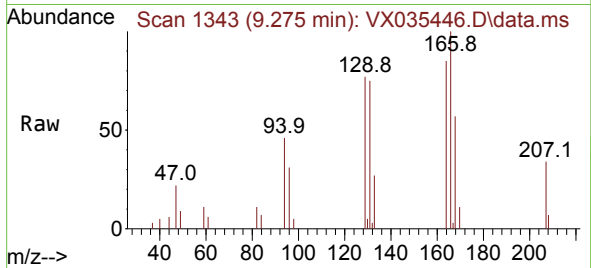




#60
Dibromochloromethane
Concen: 1.236 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.243 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

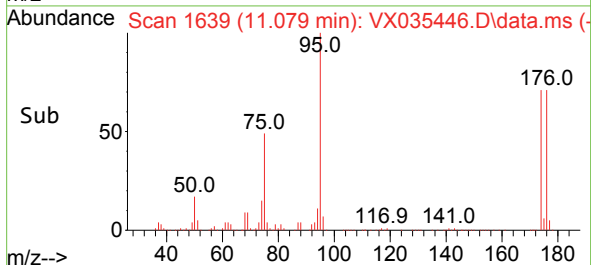
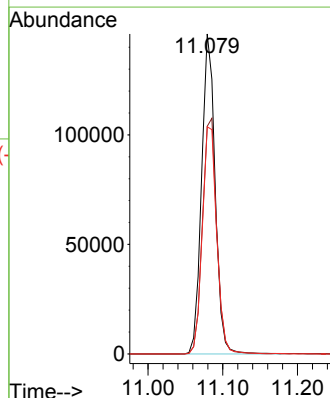
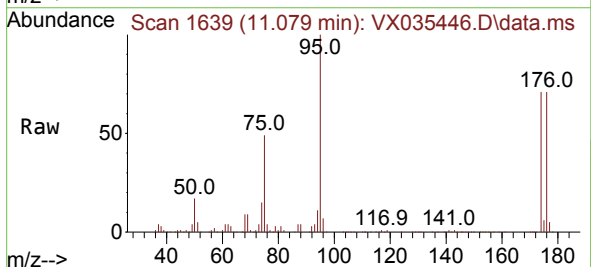
Instrument :
MSVOA_X
ClientSampleId :

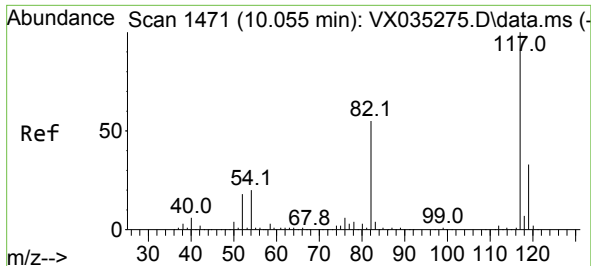
Tgt Ion:129 Resp: 3241
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 53.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

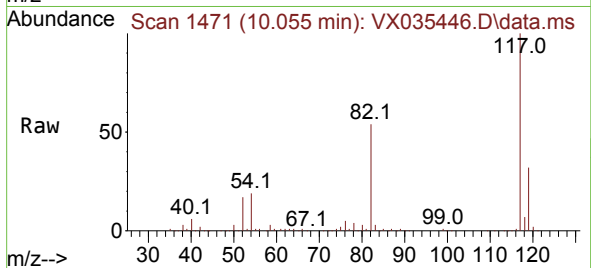
Tgt Ion: 95 Resp: 183550
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.4
176 75.9 0.0 140.6



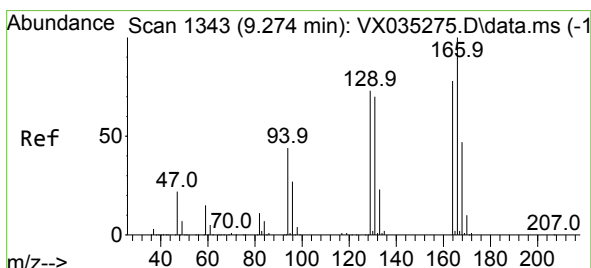
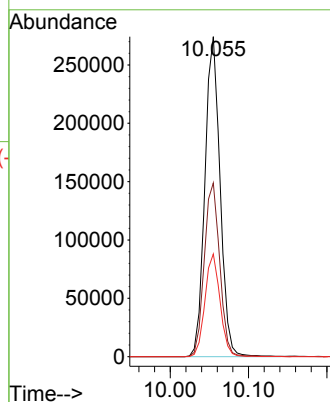
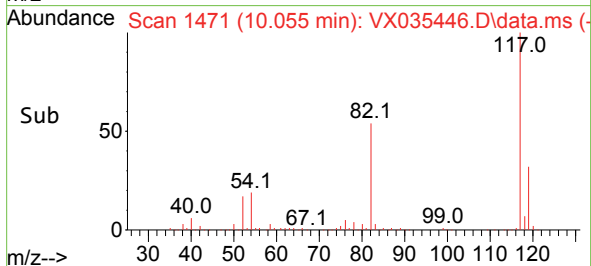


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

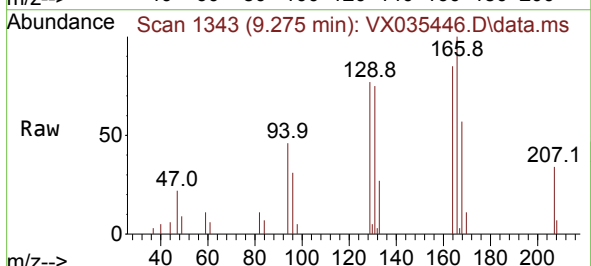
Instrument :
MSVOA_X
ClientSampleId :



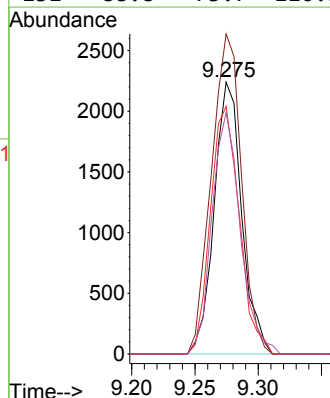
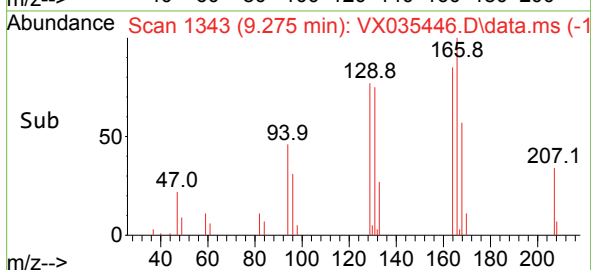
Tgt Ion:117 Resp: 369115
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.1 26.0 39.0

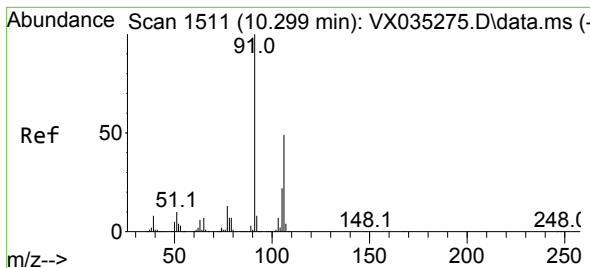


#64
Tetrachloroethene
Concen: 1.200 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28



Tgt Ion:164 Resp: 3392
Ion Ratio Lower Upper
164 100
166 117.7 102.7 154.1
129 91.0 75.6 113.4
131 88.8 73.7 110.5

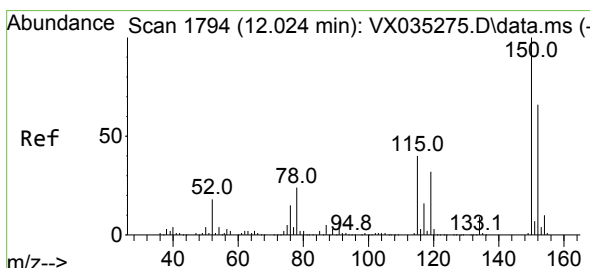
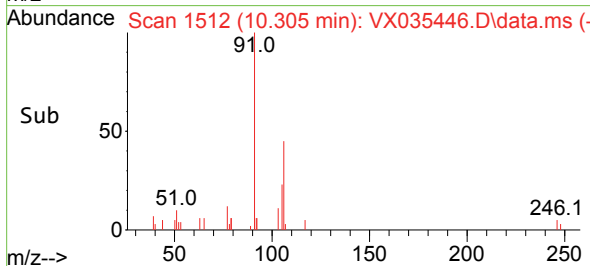
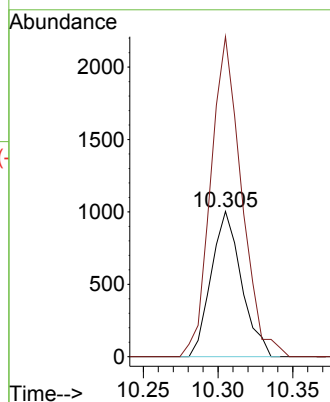
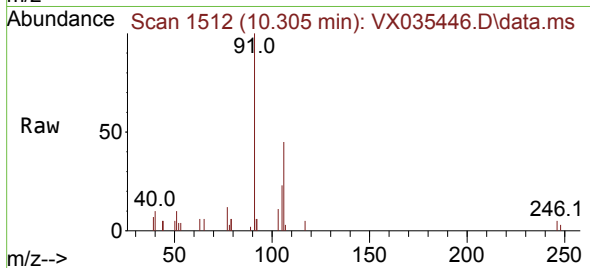




#68
m/p-Xylenes
Concen: 0.266 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

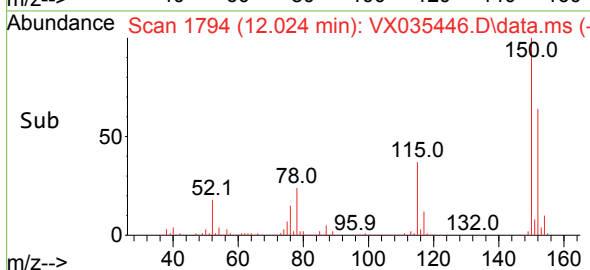
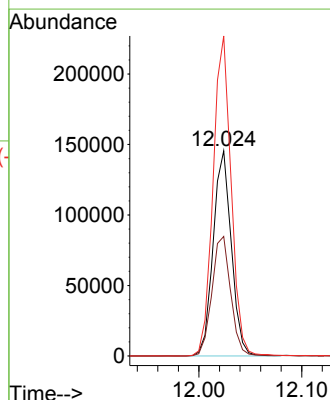
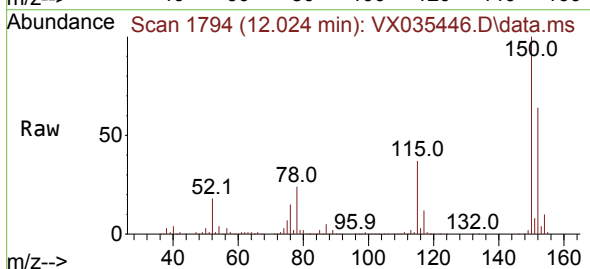
Instrument :
MSVOA_X
ClientSampleId :

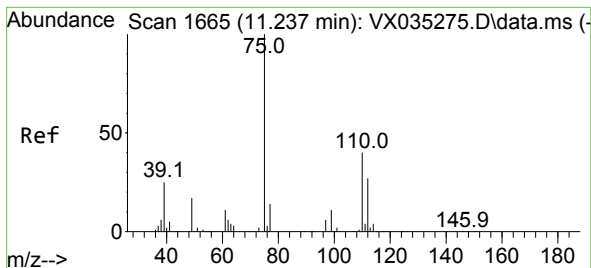
Tgt Ion:106 Resp: 1412
Ion Ratio Lower Upper
106 100
91 223.7 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035446.D
Acq: 01 May 2023 17:28

Tgt Ion:152 Resp: 178261
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 155.4 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 25.280 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035446.D

Acq: 01 May 2023 17:28

Instrument :

MSVOA_X

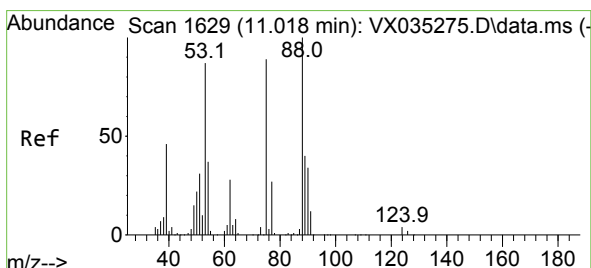
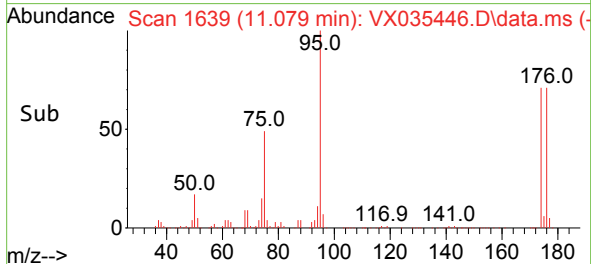
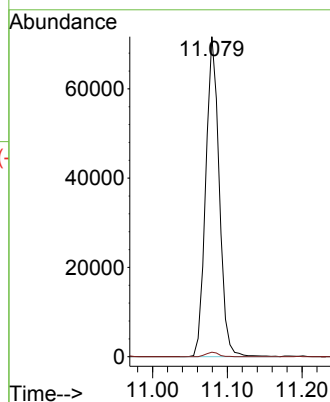
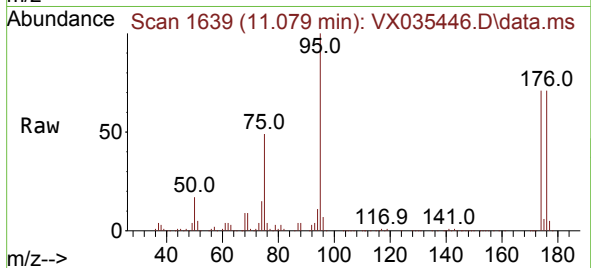
ClientSampleId :

Tgt Ion: 75 Resp: 89893

Ion Ratio Lower Upper

75 100

77 1.3 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.877 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035446.D

Acq: 01 May 2023 17:28

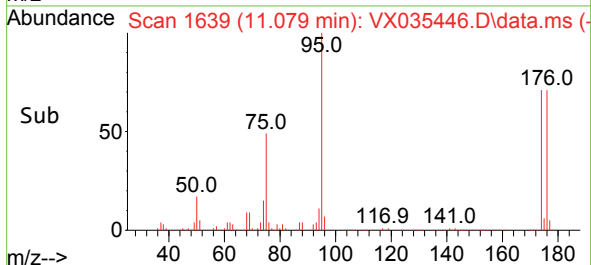
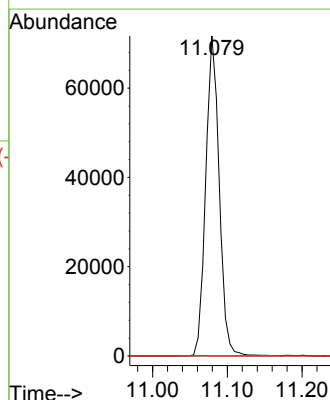
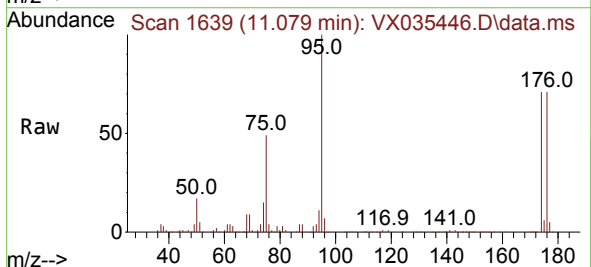
Tgt Ion: 75 Resp: 89893

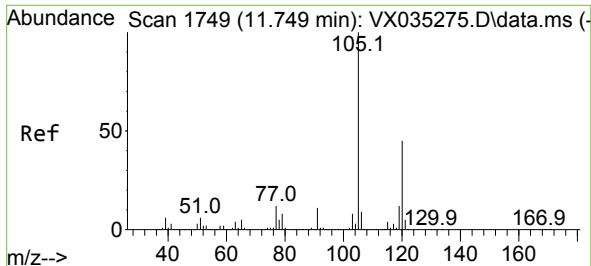
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

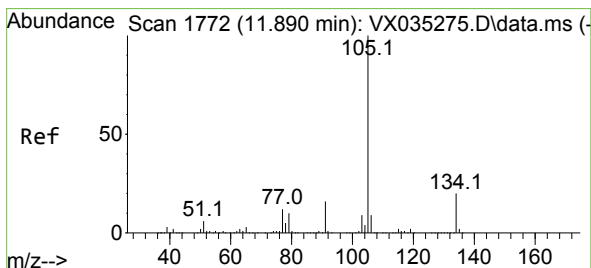
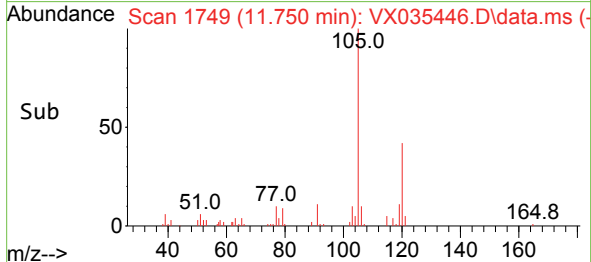
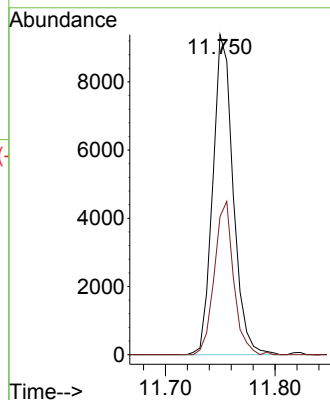
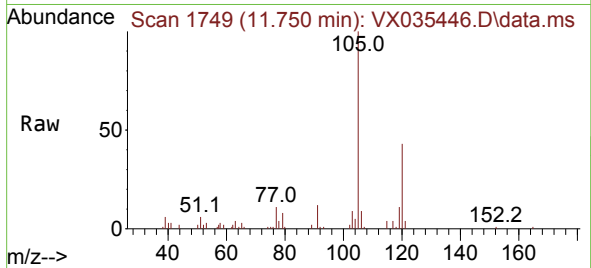




#84
 1,2,4-Trimethylbenzene
 Concen: 1.096 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.001 min
 Lab File: VX035446.D
 Acq: 01 May 2023 17:28

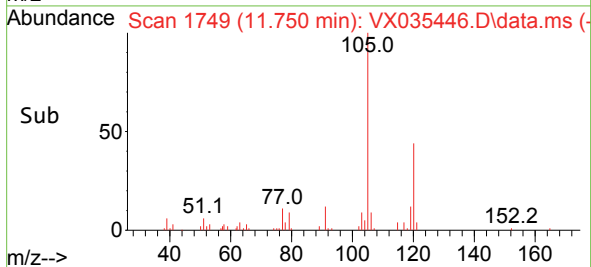
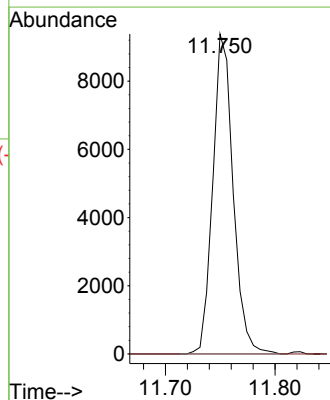
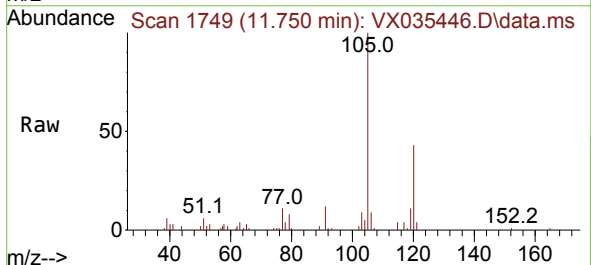
Instrument :
 MSVOA_X
 ClientSampleId :

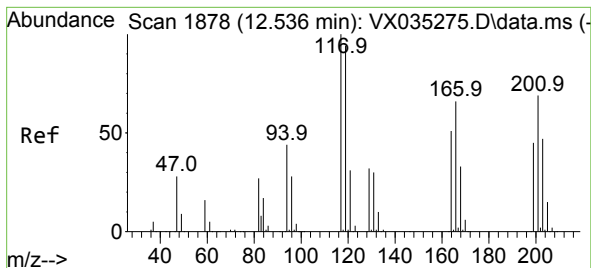
Tgt Ion:105 Resp: 12098
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 0.895 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.140 min
 Lab File: VX035446.D
 Acq: 01 May 2023 17:28

Tgt Ion:105 Resp: 12098
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#





#90

Hexachloroethane

Concen: 0.236 ug/l

RT: 12.542 min Scan# 117

Delta R.T. 0.006 min

Lab File: VX035446.D

Acq: 01 May 2023 17:28

Instrument :

MSVOA_X

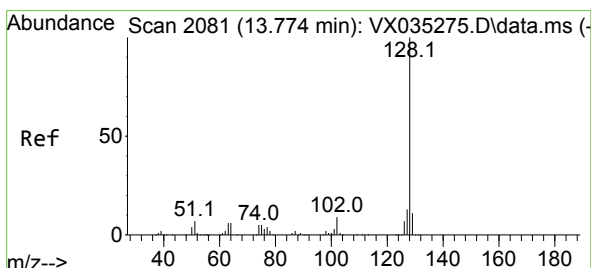
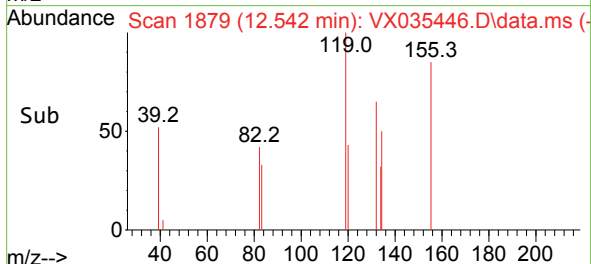
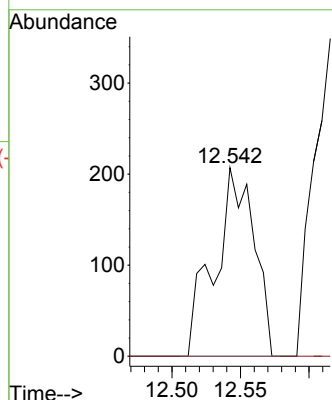
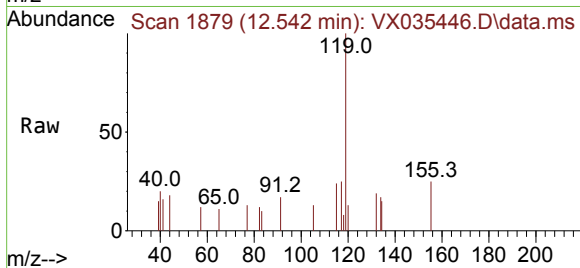
ClientSampleId :

Tgt Ion:117 Resp: 415

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#



#95

Naphthalene

Concen: 5.406 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035446.D

Acq: 01 May 2023 17:28

Tgt Ion:128 Resp: 64406

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.1 8.6 13.0

