

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018495.D
 Acq On : 05 Jun 2024 19:28
 Operator : SY/MD
 Sample : P2740-07
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 06 05:59:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

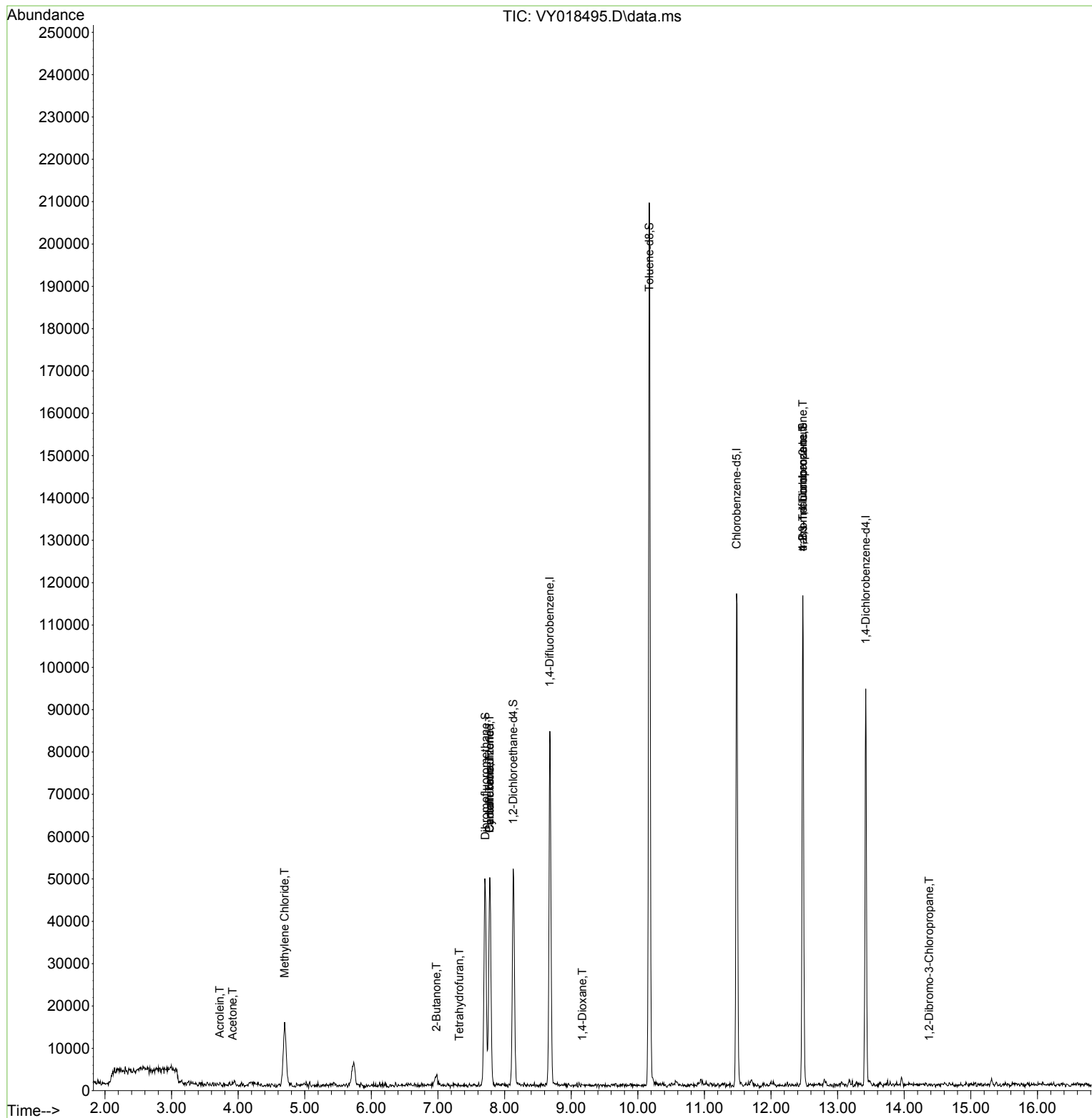
Internal Standards						
1) Pentafluorobenzene	7.777	168	33877	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	68273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	61249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	36908	55.476	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.960%			
35) Dibromofluoromethane	7.710	113	33596	38.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 77.620%			
50) Toluene-d8	10.173	98	128613	37.342	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 74.680%			
62) 4-Bromofluorobenzene	12.477	95	33278	31.032	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 62.060%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	132	Below Cal	#	1
13) Acrolein	3.723	56	195	2.864	ug/l #	71
16) Acetone	3.918	43	635	4.300	ug/l #	58
20) Methylene Chloride	4.698	84	9950	9.259	ug/l #	74
25) 2-Butanone	6.978	43	278	1.229	ug/l #	41
29) Tetrahydrofuran	7.319	42	149	1.014	ug/l #	41
31) Cyclohexane	7.777	56	1269	1.023	ug/l #	51
38) Carbon Tetrachloride	7.777	117	3551	2.684	ug/l #	21
49) 1,4-Dioxane	9.167	88	26	3.818	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	19734	78.621	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	19734	165.177	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.373	75	61	1.090	ug/l #	1

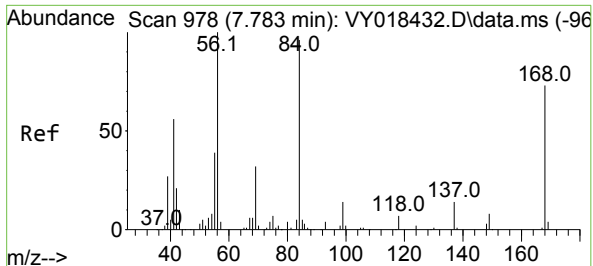
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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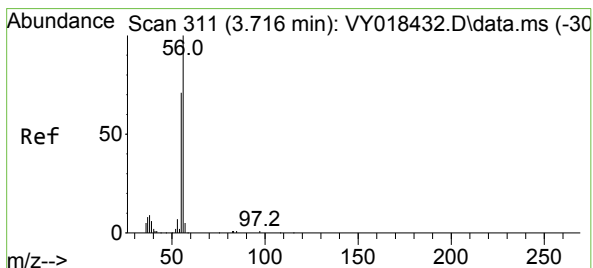
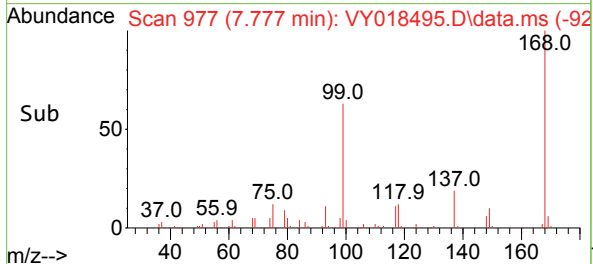
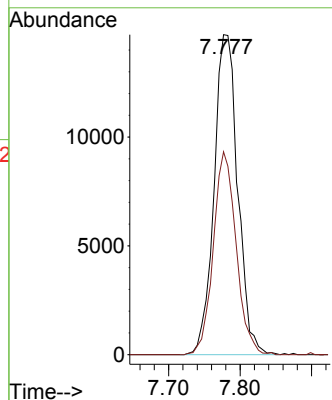
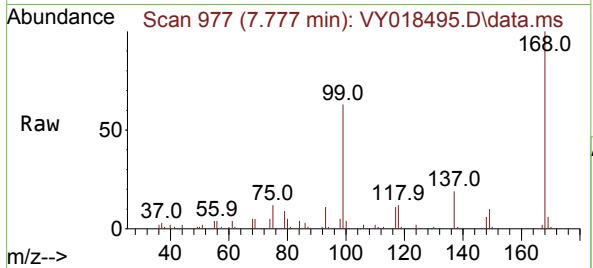




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

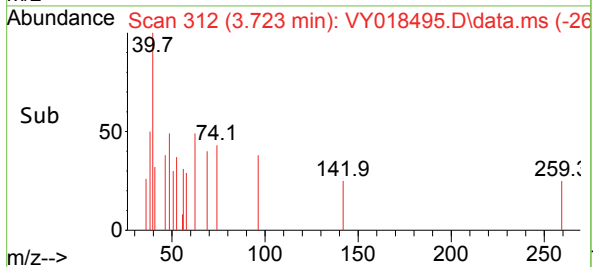
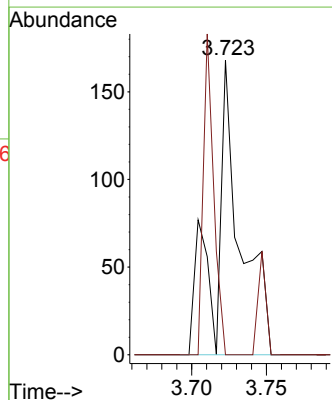
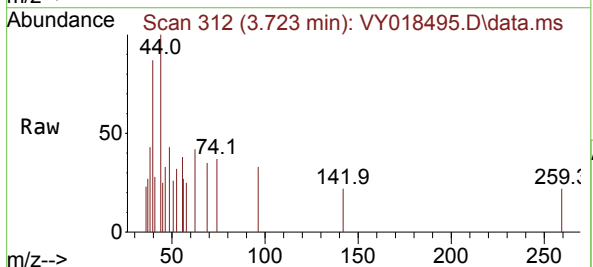
Instrument :
MSVOA_Y
ClientSampleId :

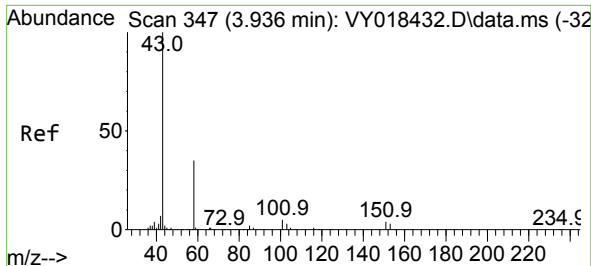
Tgt Ion:168 Resp: 33877
Ion Ratio Lower Upper
168 100
99 63.4 39.1 58.7#



#13
Acrolein
Concen: 2.864 ug/l
RT: 3.723 min Scan# 312
Delta R.T. 0.007 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Tgt Ion: 56 Resp: 195
Ion Ratio Lower Upper
56 100
55 45.6 55.7 83.5#

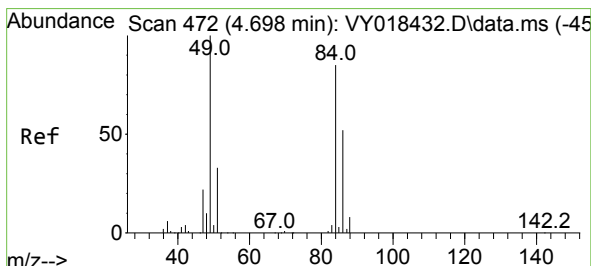
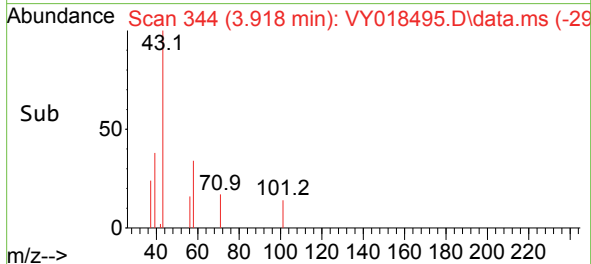
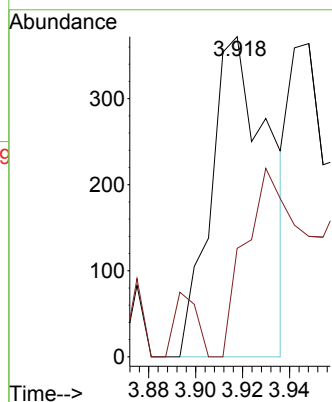
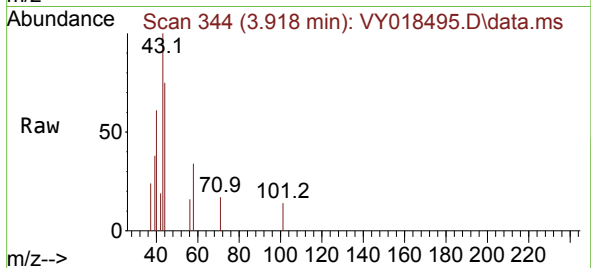




#16
Acetone
Concen: 4.300 ug/l
RT: 3.918 min Scan# 347
Delta R.T. -0.018 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

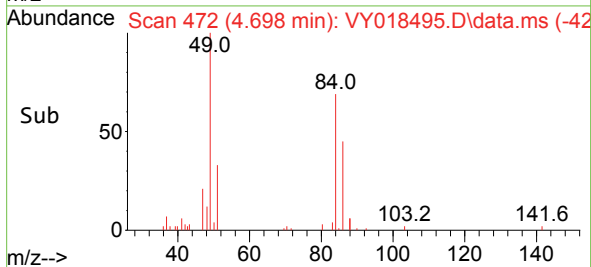
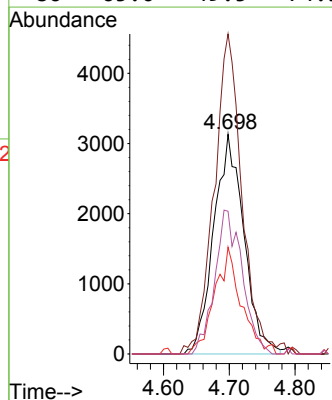
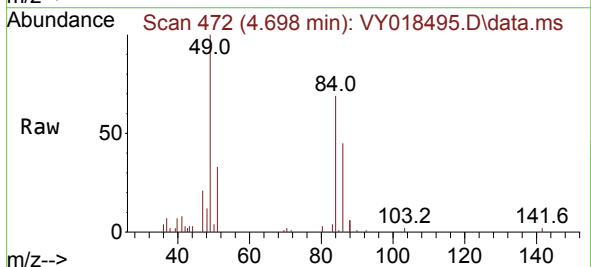
Instrument :
MSVOA_Y
ClientSampleId :

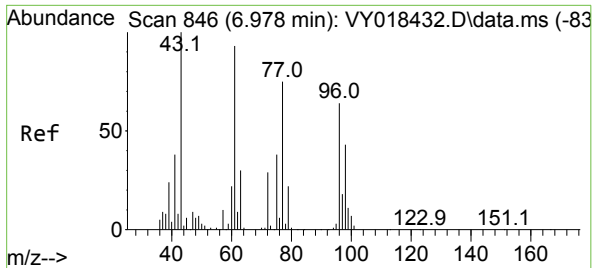
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 13.7 31.7 47.5#



#20
Methylene Chloride
Concen: 9.259 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Tgt Ion: 84 Resp: 9950
Ion Ratio Lower Upper
84 100
49 145.7 84.4 126.6#
51 48.6 26.0 39.0#
86 65.0 49.5 74.3





#25

2-Butanone

Concen: 1.229 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018495.D

Acq: 05 Jun 2024 19:28

Instrument :

MSVOA_Y

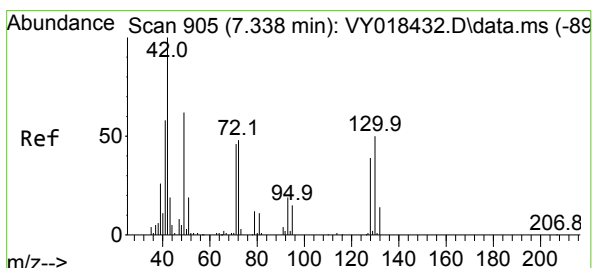
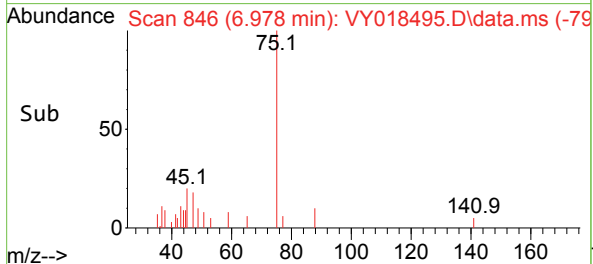
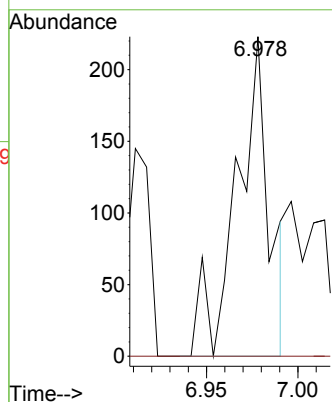
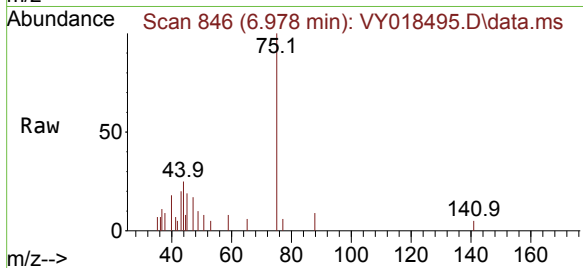
ClientSampleId :

Tgt Ion: 43 Resp: 278

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.014 ug/l

RT: 7.319 min Scan# 902

Delta R.T. -0.018 min

Lab File: VY018495.D

Acq: 05 Jun 2024 19:28

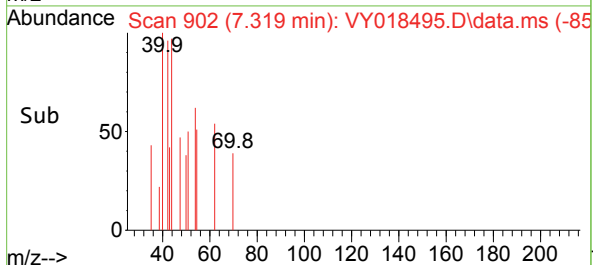
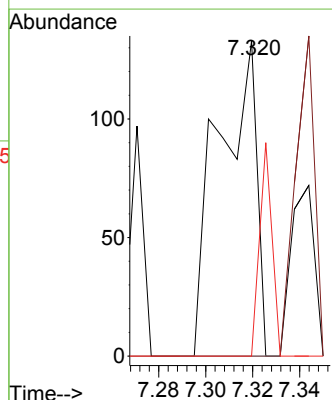
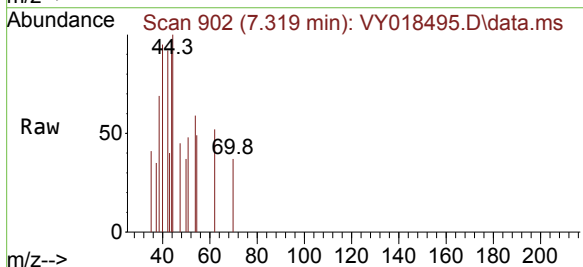
Tgt Ion: 42 Resp: 149

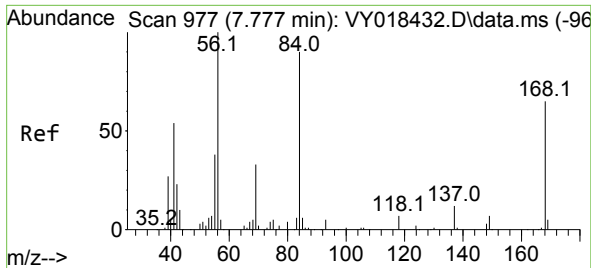
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

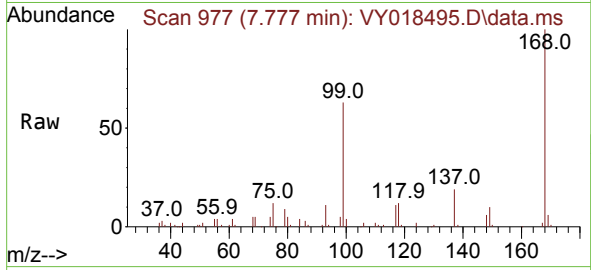
71 22.1 40.8 61.2#



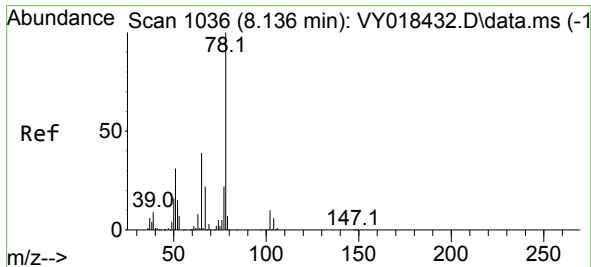
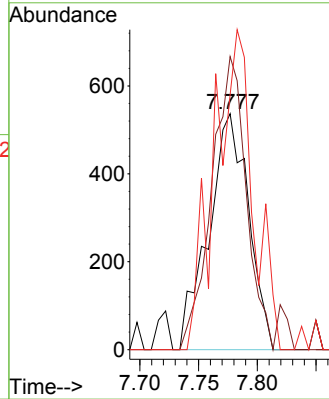
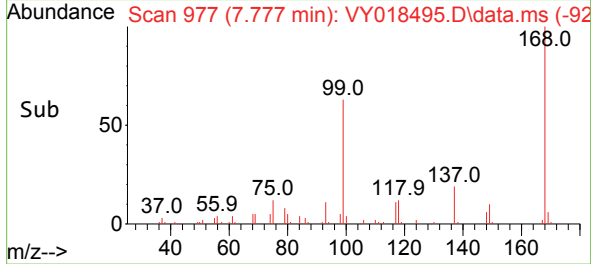


#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Instrument :
MSVOA_Y
ClientSampleId :

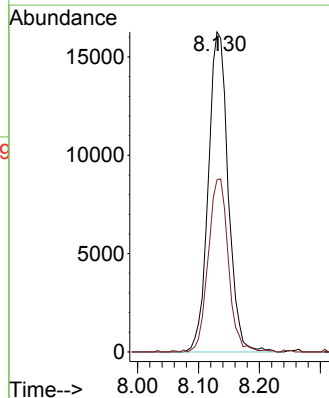
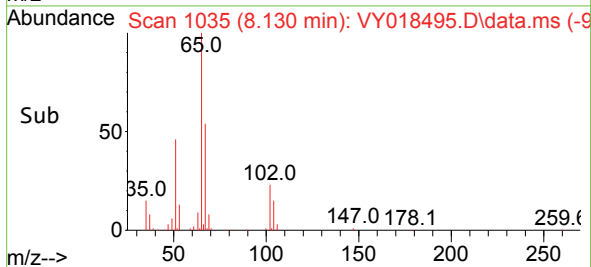
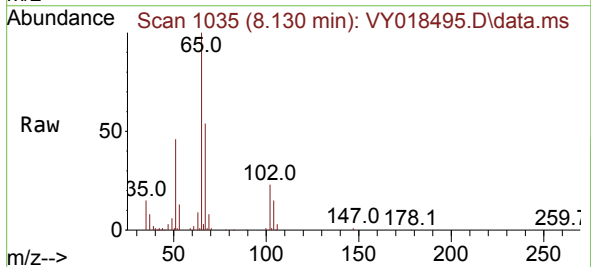


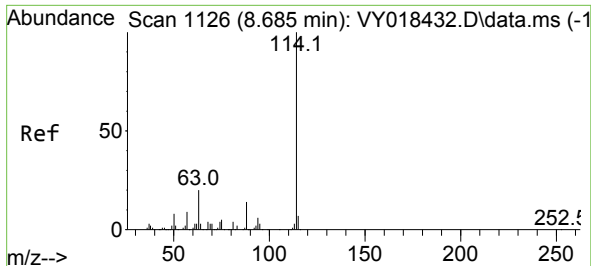
Tgt Ion: 56 Resp: 1269
Ion Ratio Lower Upper
56 100
69 124.2 28.7 43.1#
84 108.0 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.476 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Tgt Ion: 65 Resp: 36908
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

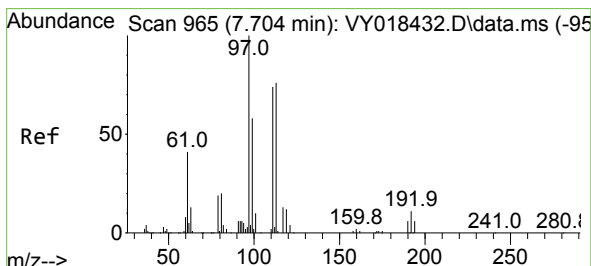
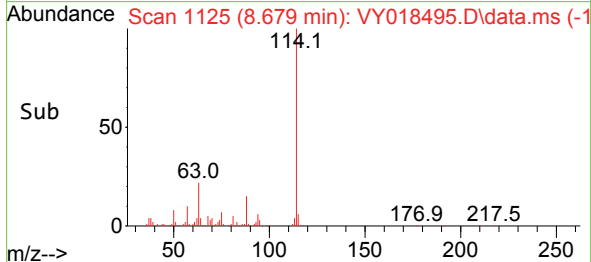
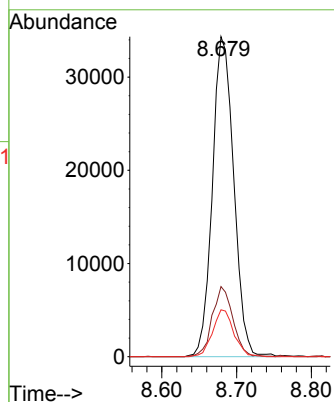
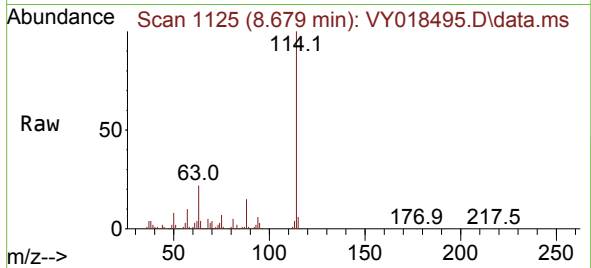




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

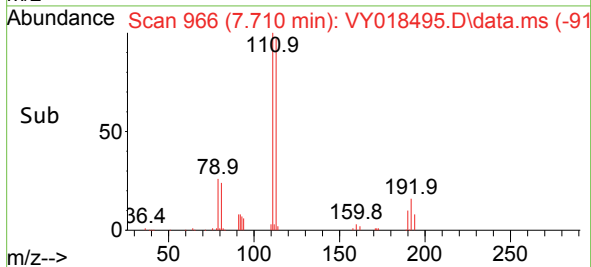
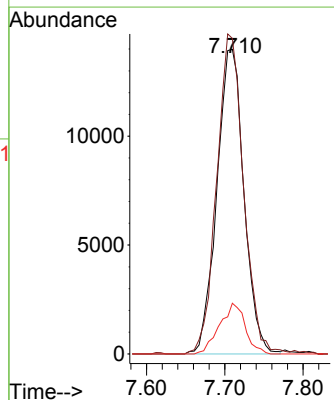
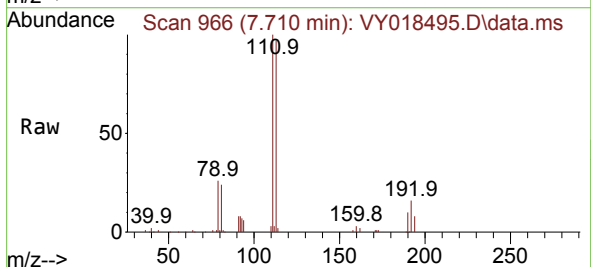
Instrument :
MSVOA_Y
ClientSampleId :

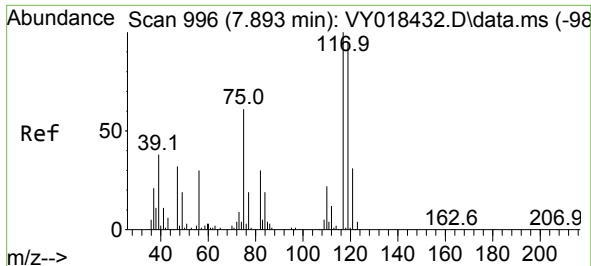
Tgt Ion:114 Resp: 68273
Ion Ratio Lower Upper
114 100
63 21.9 0.0 35.0
88 14.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 38.806 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

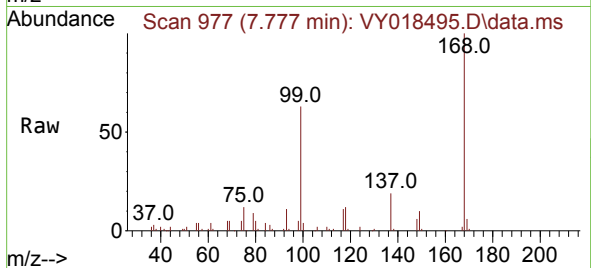
Tgt Ion:113 Resp: 33596
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 15.8 15.9 23.9#



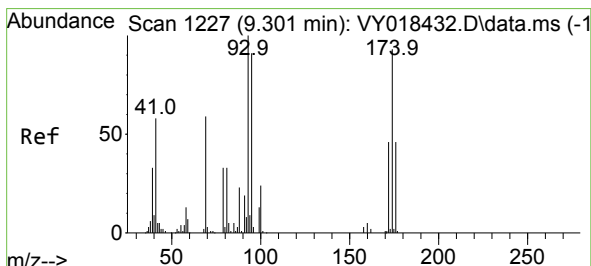
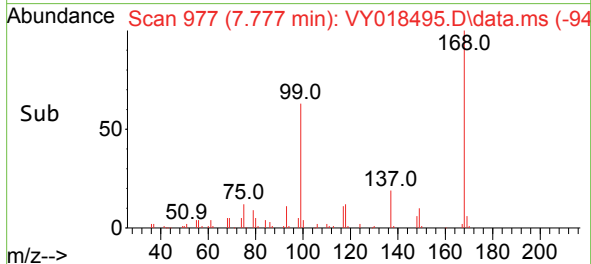
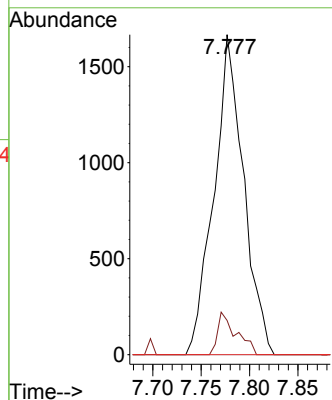


#38
Carbon Tetrachloride
Concen: 2.684 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Instrument :
MSVOA_Y
ClientSampleId :

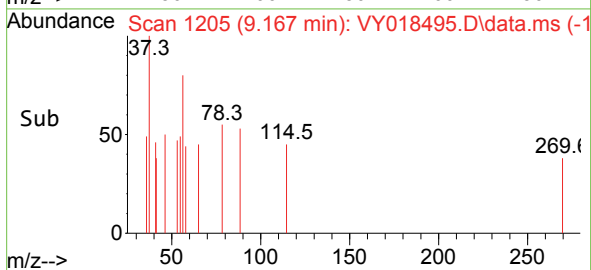
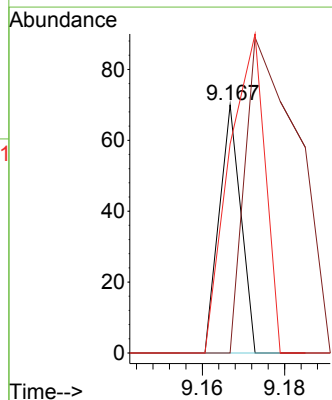
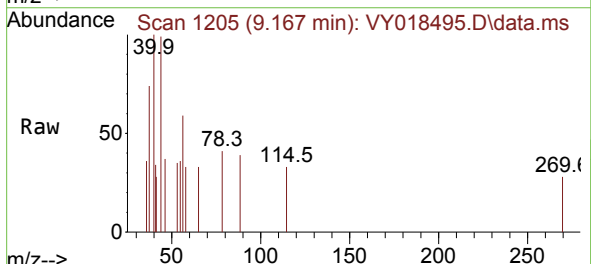


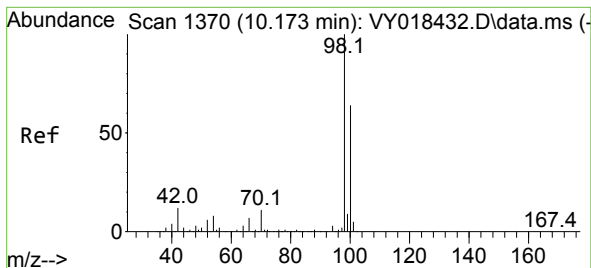
Tgt Ion:117 Resp: 3551
Ion Ratio Lower Upper
117 100
119 10.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.818 ug/l
RT: 9.167 min Scan# 1205
Delta R.T. -0.134 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 307.7 0.0 0.0#
58 211.5 49.3 73.9#





#50

Toluene-d8

Concen: 37.342 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018495.D

Acq: 05 Jun 2024 19:28

Instrument :

MSVOA_Y

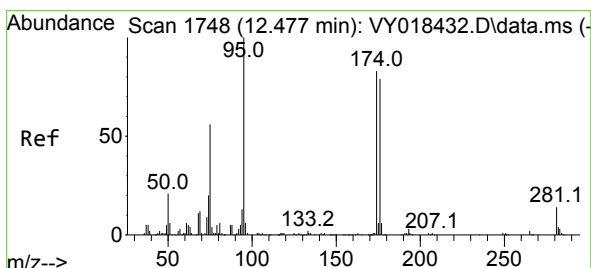
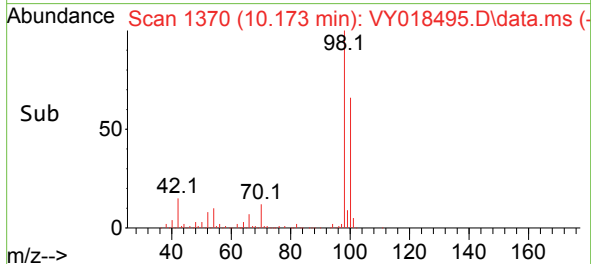
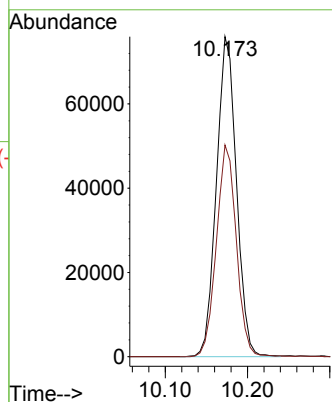
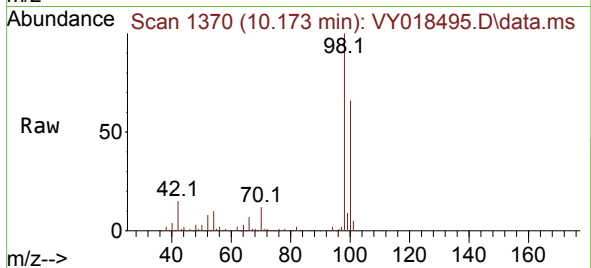
ClientSampleId :

Tgt Ion: 98 Resp: 128613

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.032 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018495.D

Acq: 05 Jun 2024 19:28

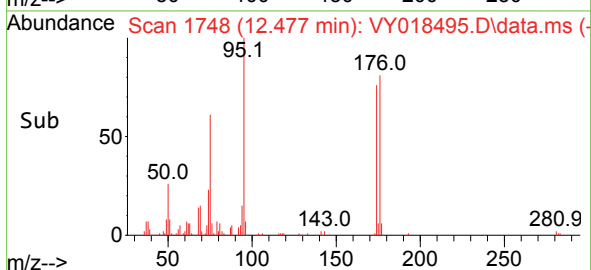
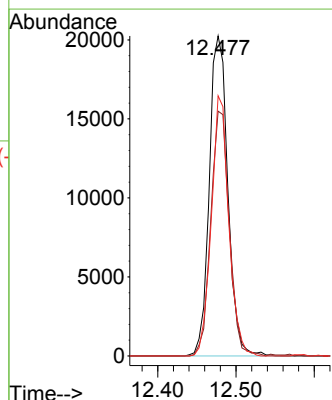
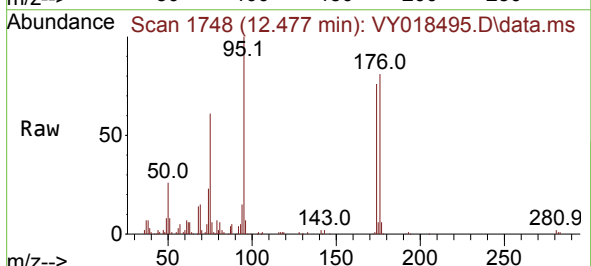
Tgt Ion: 95 Resp: 33278

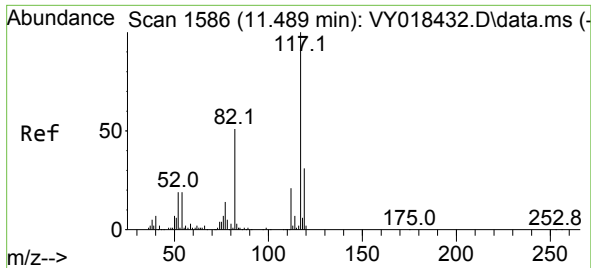
Ion Ratio Lower Upper

95 100

174 76.3 0.0 175.6

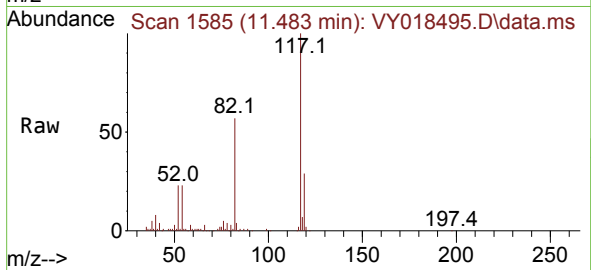
176 76.7 0.0 171.4



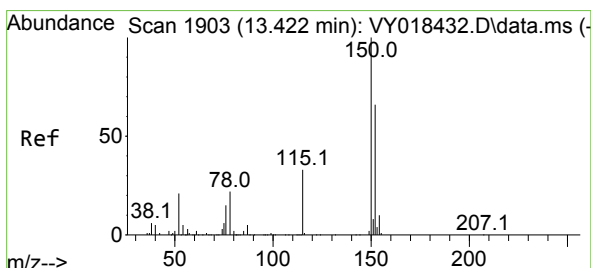
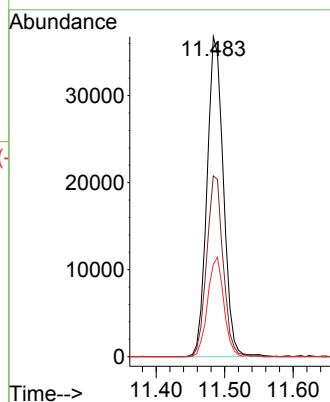
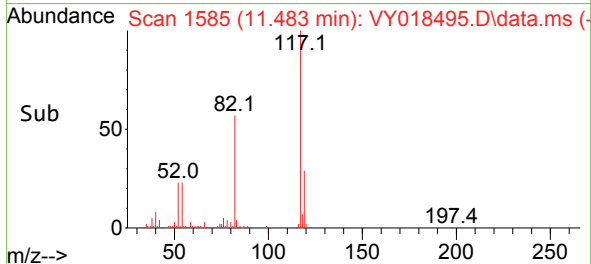


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Instrument :
MSVOA_Y
ClientSampleId :

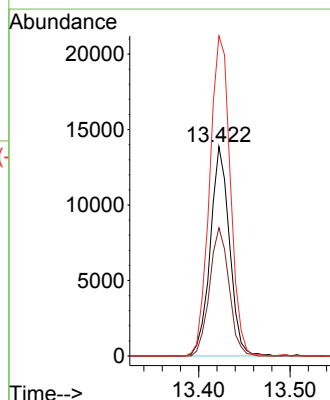
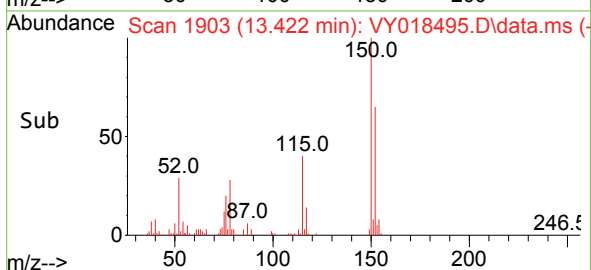
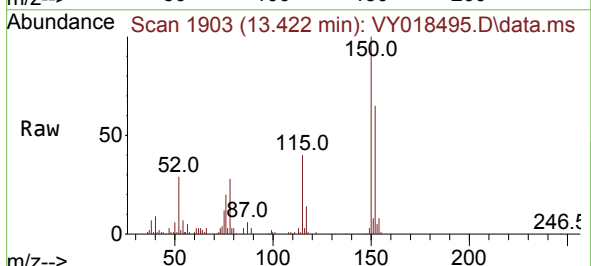


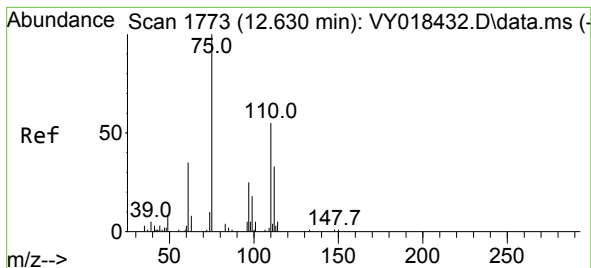
Tgt Ion:117 Resp: 61249
Ion Ratio Lower Upper
117 100
82 56.5 42.4 63.6
119 28.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Tgt Ion:152 Resp: 20242
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 164.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 78.621 ug/l

RT: 12.477 min Scan# 1773

Delta R.T. -0.152 min

Lab File: VY018495.D

Acq: 05 Jun 2024 19:28

Instrument :

MSVOA_Y

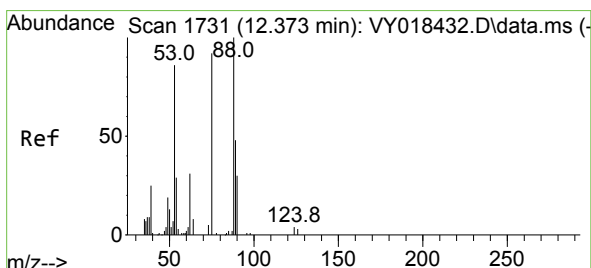
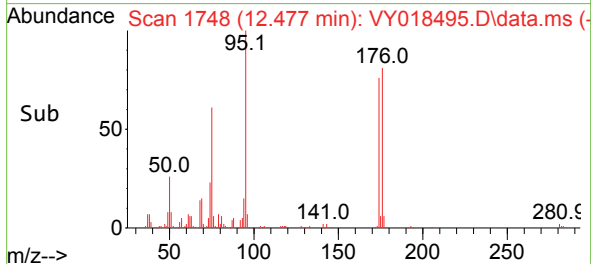
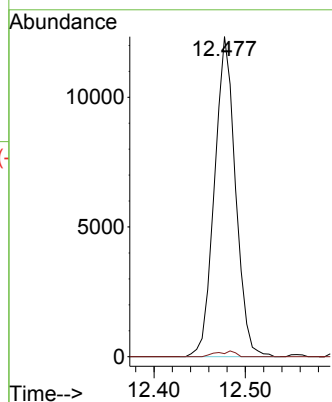
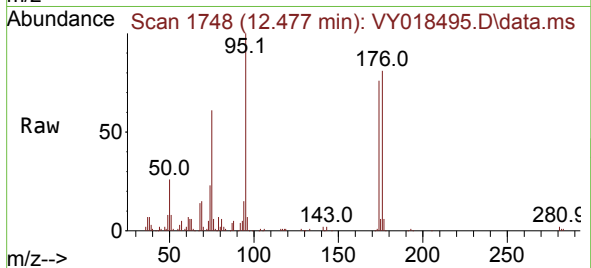
ClientSampleId :

Tgt Ion: 75 Resp: 19734

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 165.177 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018495.D

Acq: 05 Jun 2024 19:28

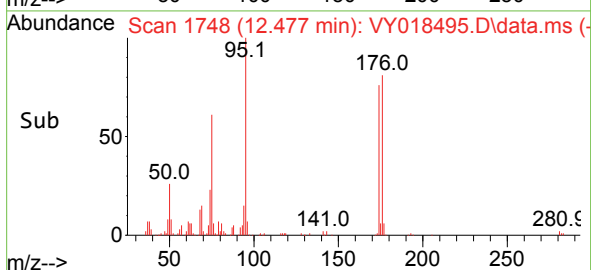
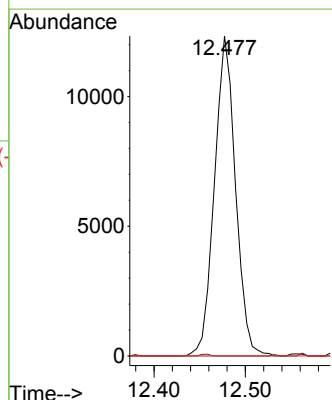
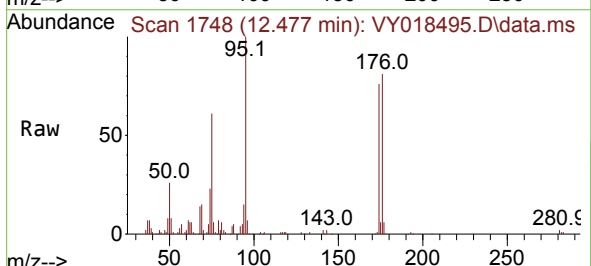
Tgt Ion: 75 Resp: 19734

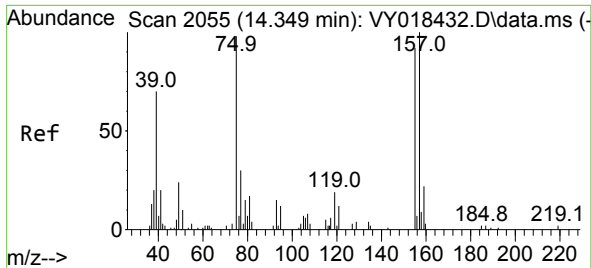
Ion Ratio Lower Upper

75 100

53 0.2 66.8 100.2#

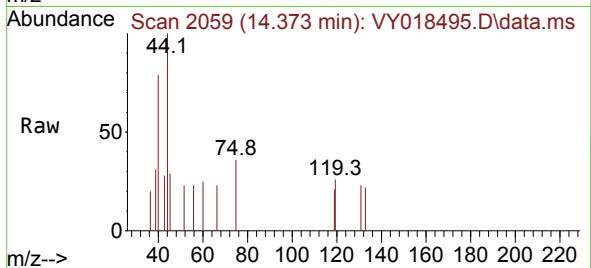
89 0.0 35.8 53.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.090 ug/l
RT: 14.373 min Scan# 20
Delta R.T. 0.024 min
Lab File: VY018495.D
Acq: 05 Jun 2024 19:28

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

