

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018506.D
 Acq On : 06 Jun 2024 15:37
 Operator : SY/MD
 Sample : P2715-07
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 03:58:19 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)

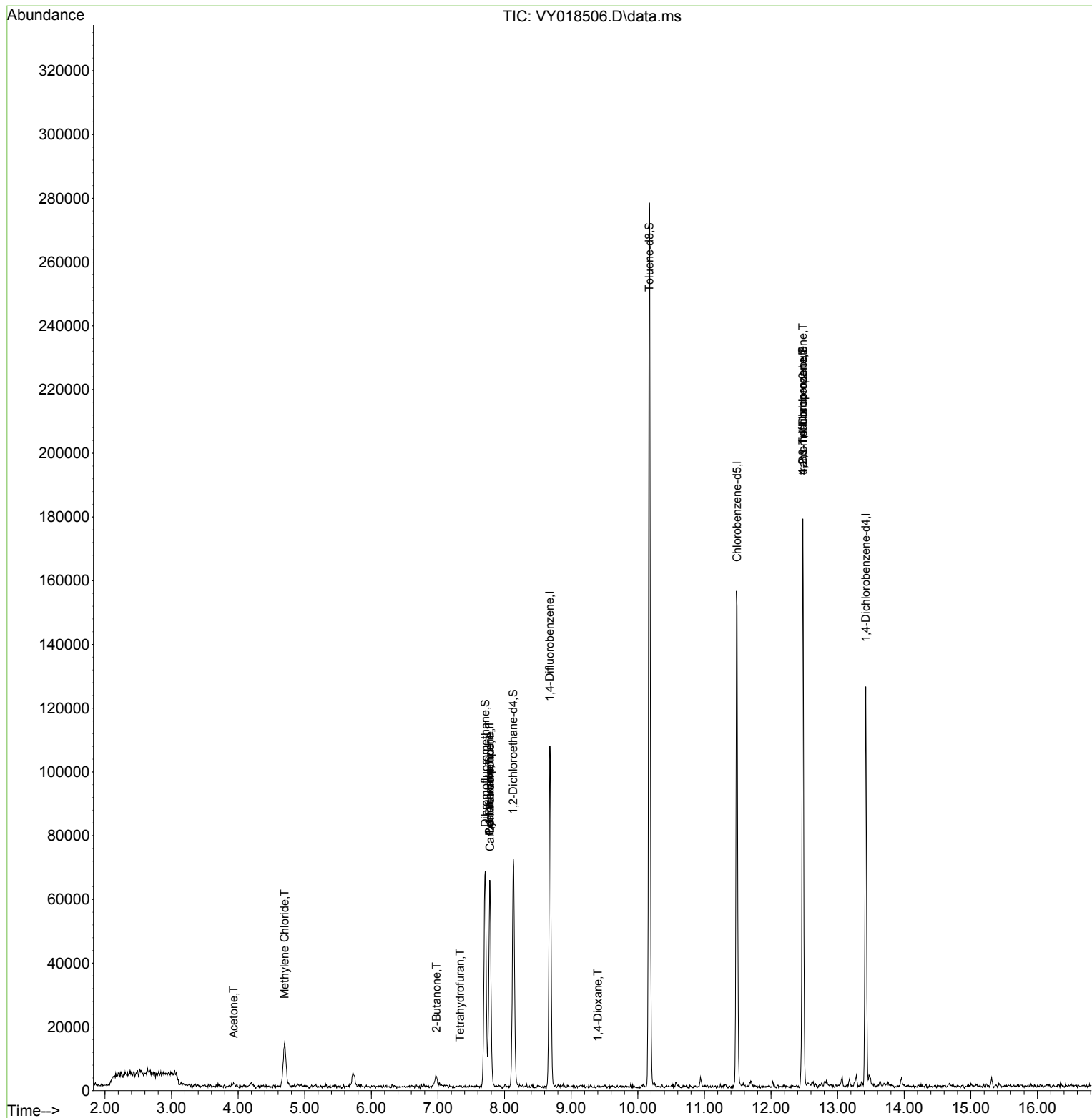
Internal Standards						
1) Pentafluorobenzene	7.777	168	42981	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	86789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	80316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52846	62.608	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.220%			
35) Dibromofluoromethane	7.710	113	46585	42.329	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.660%			
50) Toluene-d8	10.173	98	176730	40.365	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 80.740%			
62) 4-Bromofluorobenzene	12.477	95	50311	36.907	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 73.820%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.924	59	512	Below Cal		99
16) Acetone	3.930	43	1637	8.738	ug/l #	67
20) Methylene Chloride	4.698	84	9221	5.958	ug/l #	83
25) 2-Butanone	6.978	43	562	1.958	ug/l	93
29) Tetrahydrofuran	7.332	42	346	1.856	ug/l #	39
31) Cyclohexane	7.777	56	1636	1.040	ug/l #	64
36) 1,1-Dichloropropene	7.777	75	4168	2.484	ug/l #	48
38) Carbon Tetrachloride	7.783	117	4815	2.863	ug/l #	16
49) 1,4-Dioxane	9.399	88	21	2.426	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	28465	81.379	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	28465	170.972	ug/l #	16

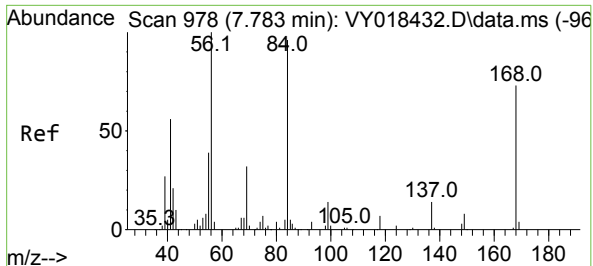
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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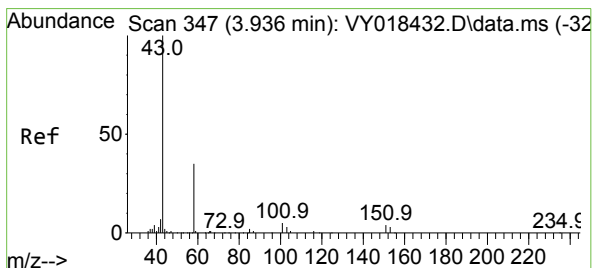
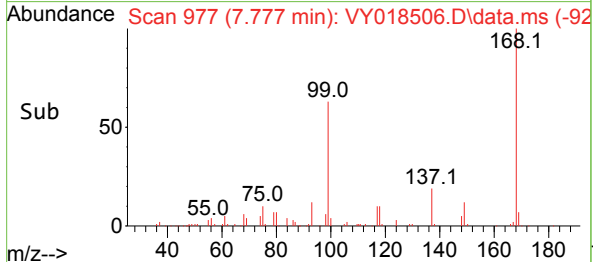
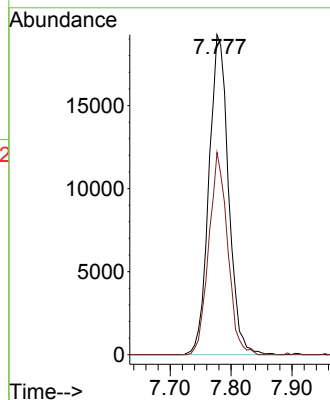
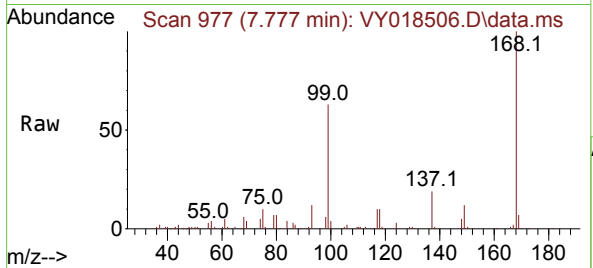




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

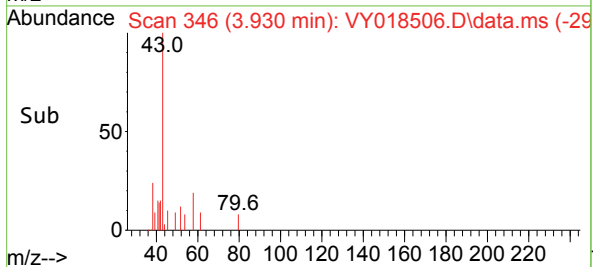
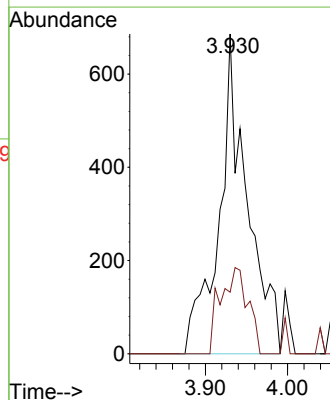
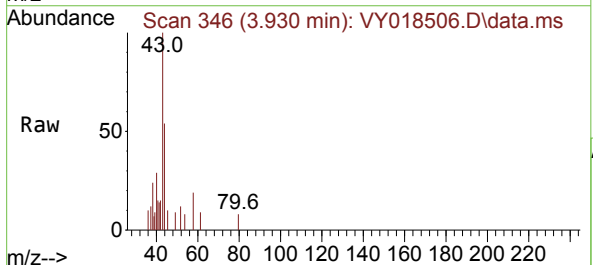
Instrument :
MSVOA_Y
ClientSampleId :

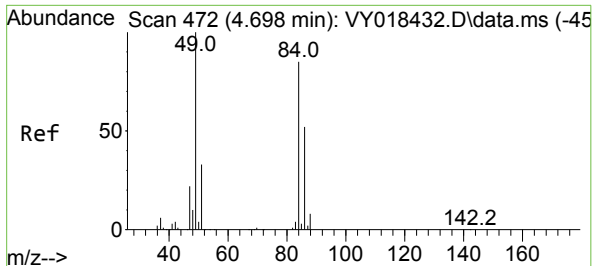
Tgt Ion:168 Resp: 42981
Ion Ratio Lower Upper
168 100
99 63.2 39.1 58.7#



#16
Acetone
Concen: 8.738 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

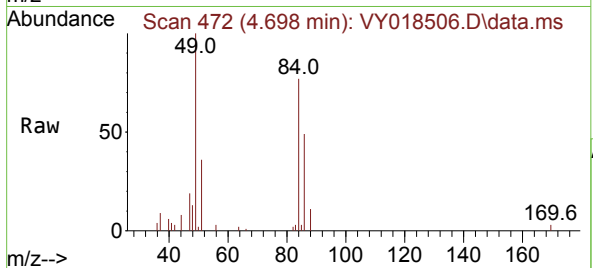
Tgt Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
58 19.2 31.7 47.5#



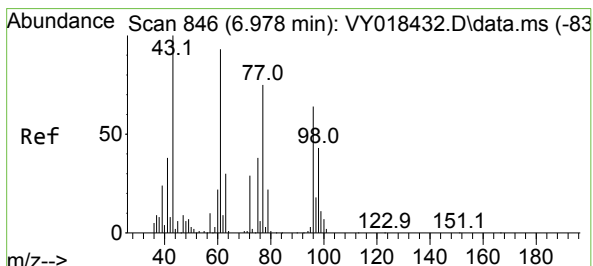
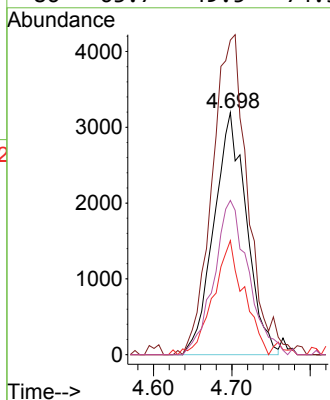
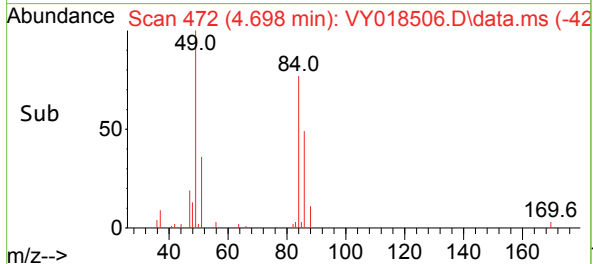


#20
Methylene Chloride
Concen: 5.958 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :

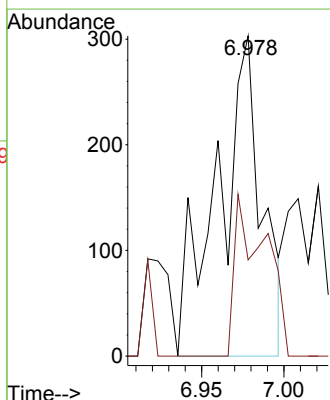
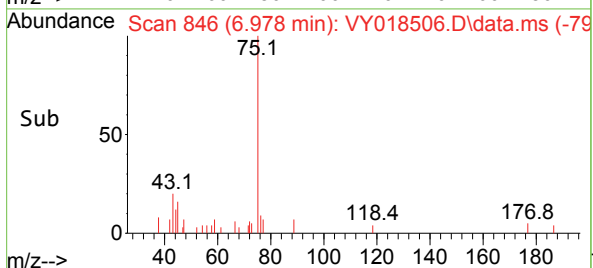
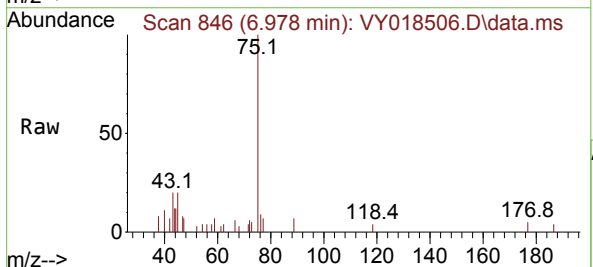


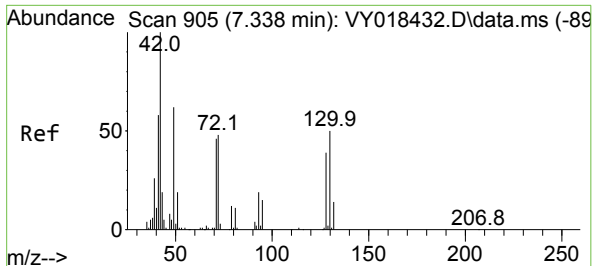
Tgt Ion:	84	Resp:	9221
Ion	Ratio	Lower	Upper
84	100		
49	128.2	84.4	126.6#
51	47.1	26.0	39.0#
86	63.7	49.5	74.3



#25
2-Butanone
Concen: 1.958 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

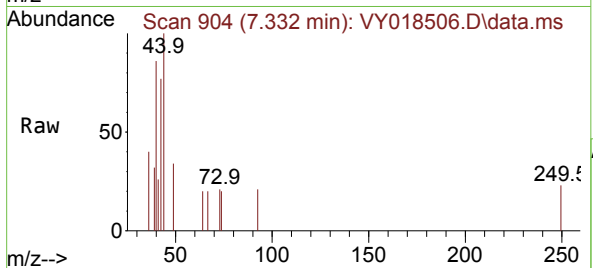
Tgt Ion:	43	Resp:	562
Ion	Ratio	Lower	Upper
43	100		
72	30.0	27.3	40.9



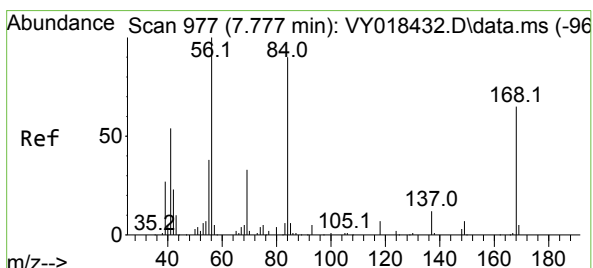
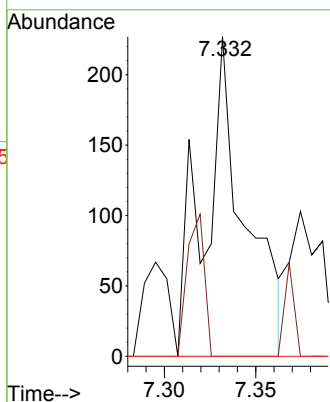
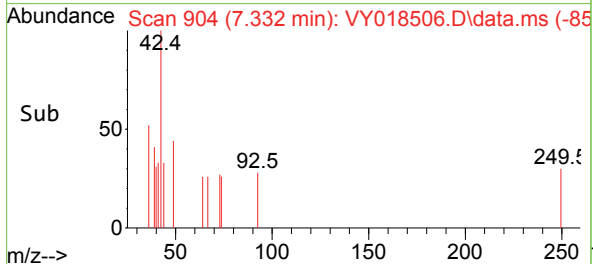


#29
Tetrahydrofuran
Concen: 1.856 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

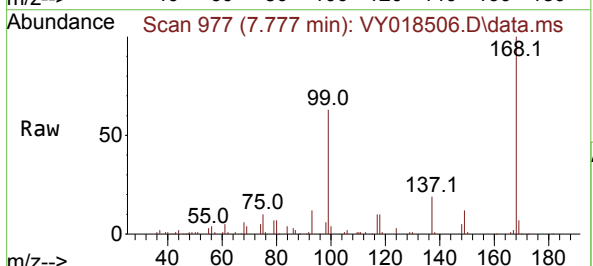
Instrument :
MSVOA_Y
ClientSampleId :



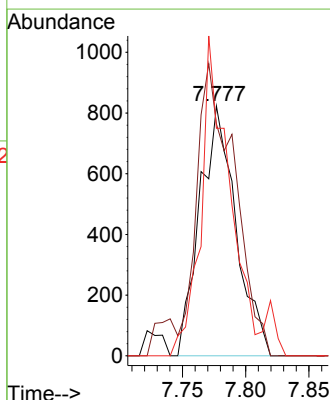
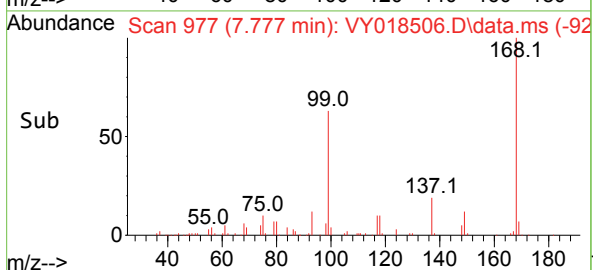
Tgt Ion: 42 Resp: 346
Ion Ratio Lower Upper
42 100
72 19.1 43.0 64.4#
71 0.0 40.8 61.2#

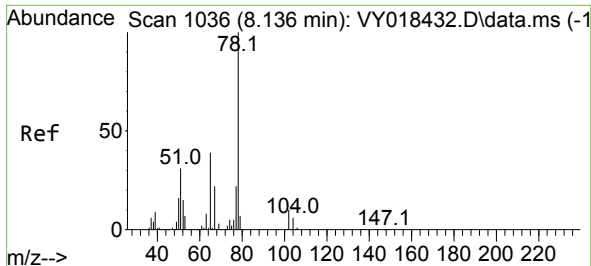


#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37



Tgt Ion: 56 Resp: 1636
Ion Ratio Lower Upper
56 100
69 92.8 28.7 43.1#
84 84.2 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 62.608 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY018506.D

Acq: 06 Jun 2024 15:37

Instrument :

MSVOA_Y

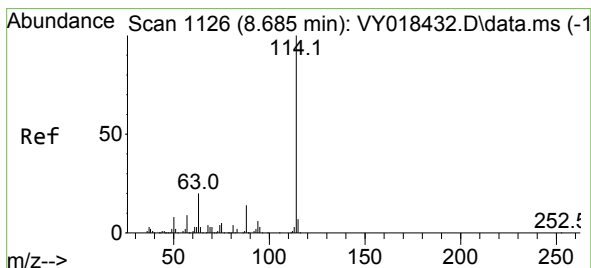
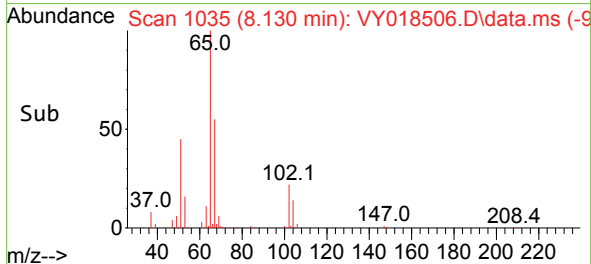
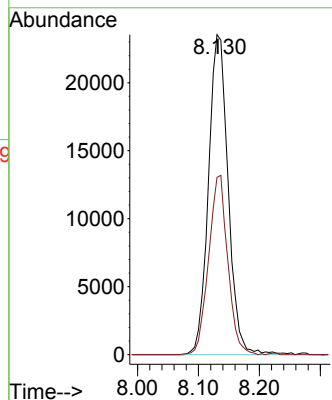
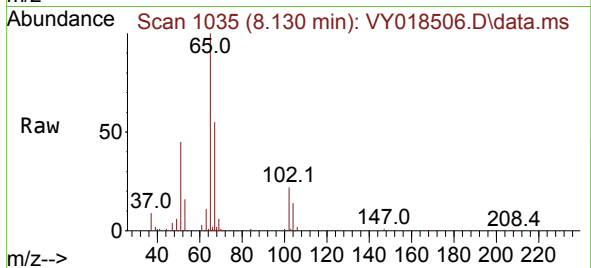
ClientSampleId :

Tgt Ion: 65 Resp: 52846

Ion Ratio Lower Upper

65 100

67 54.5 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: VY018506.D

Acq: 06 Jun 2024 15:37

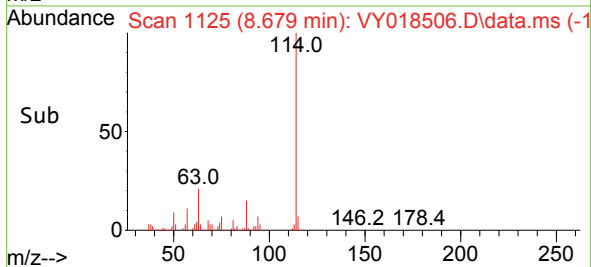
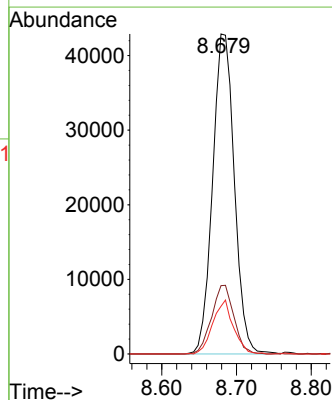
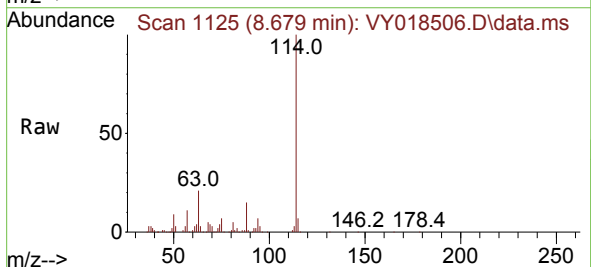
Tgt Ion: 114 Resp: 86789

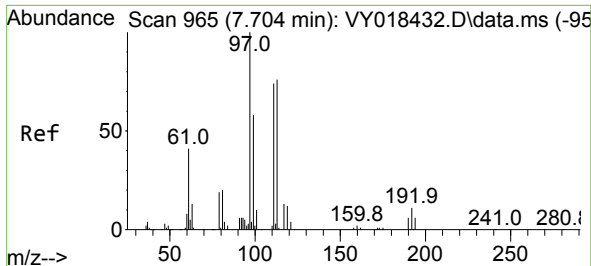
Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.0

88 14.9 0.0 27.2

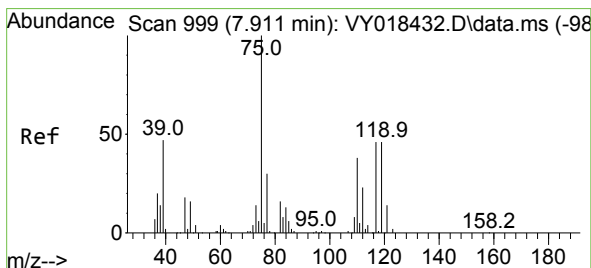
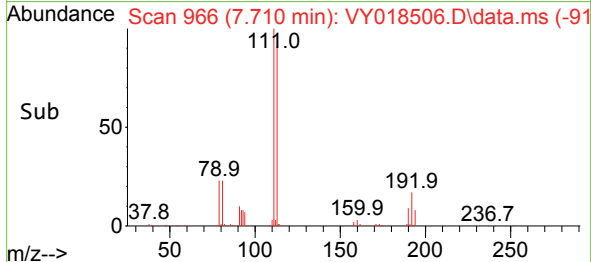
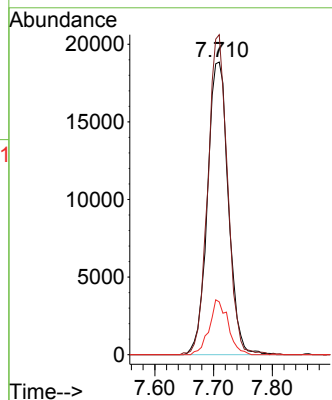
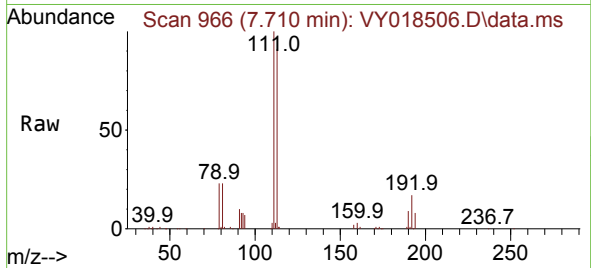




#35
Dibromofluoromethane
Concen: 42.329 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

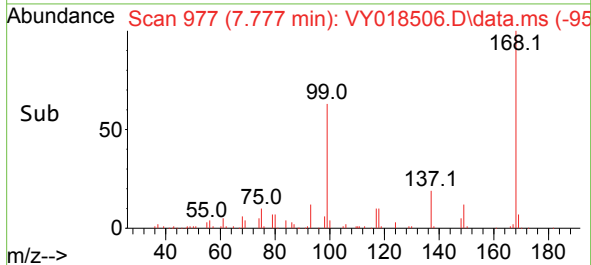
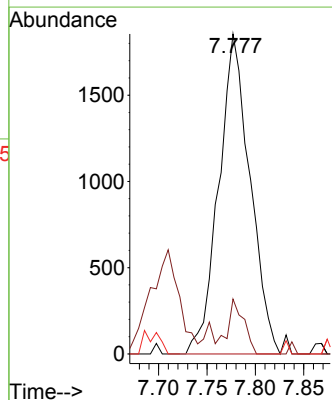
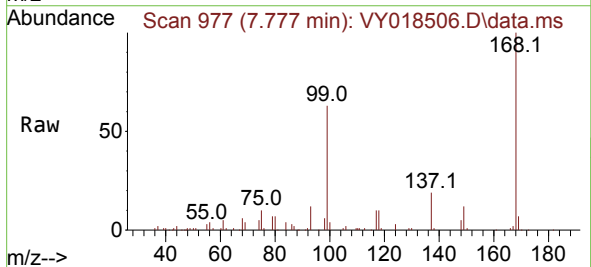
Instrument :
MSVOA_Y
ClientSampleId :

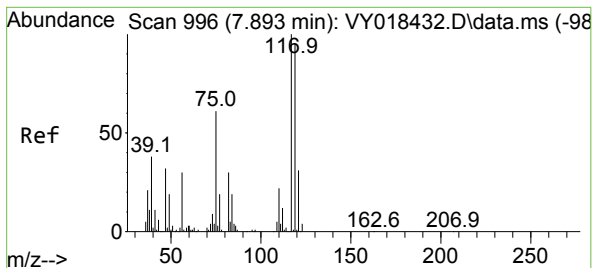
Tgt Ion:113 Resp: 46585
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.484 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

Tgt Ion: 75 Resp: 4168
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 2.863 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.110 min

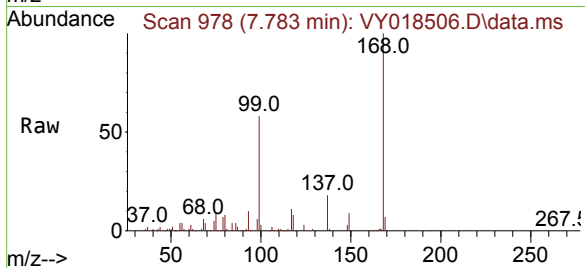
Lab File: VY018506.D

Acq: 06 Jun 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :



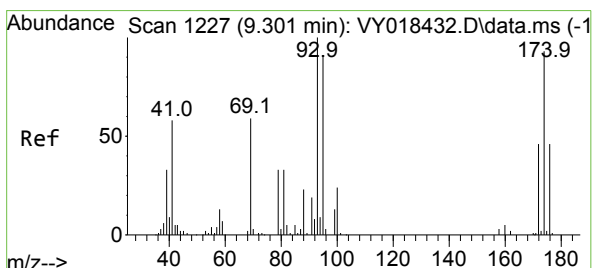
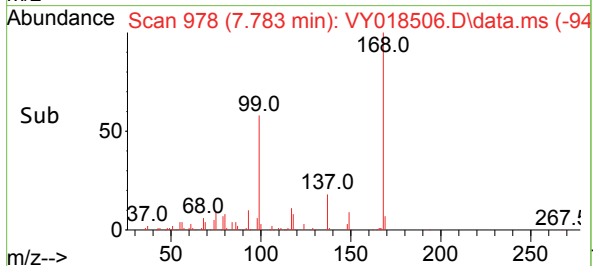
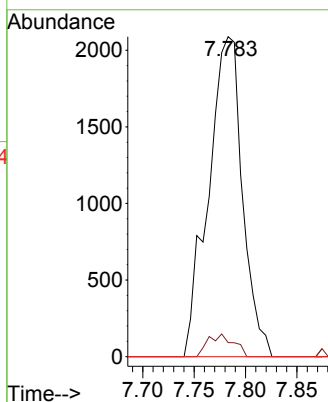
Tgt Ion:117 Resp: 4815

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.0 36.0#



#49

1,4-Dioxane

Concen: 2.426 ug/l

RT: 9.399 min Scan# 1243

Delta R.T. 0.098 min

Lab File: VY018506.D

Acq: 06 Jun 2024 15:37

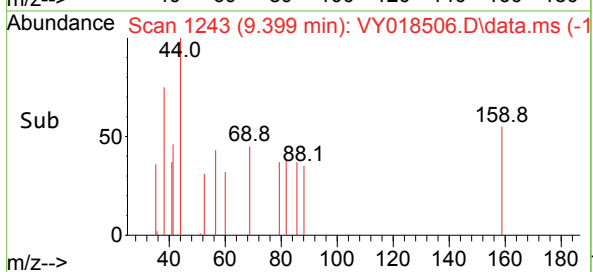
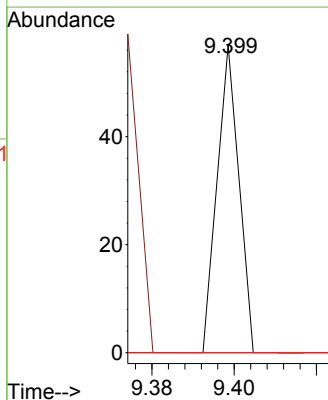
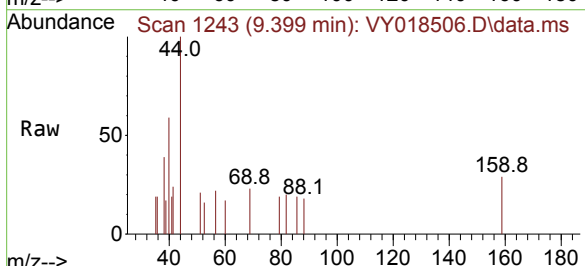
Tgt Ion: 88 Resp: 21

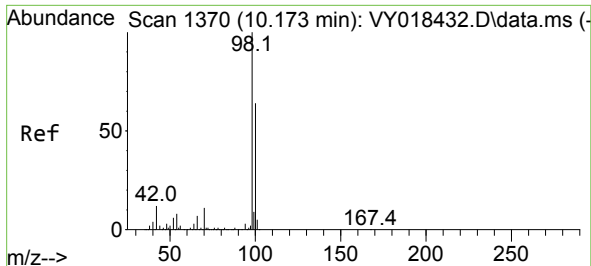
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#

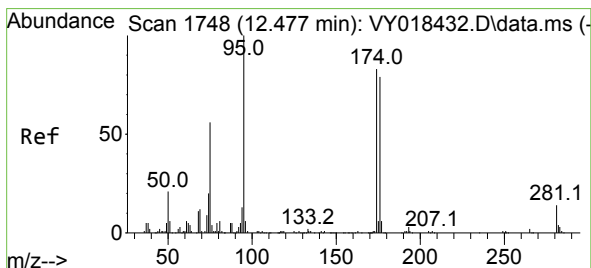
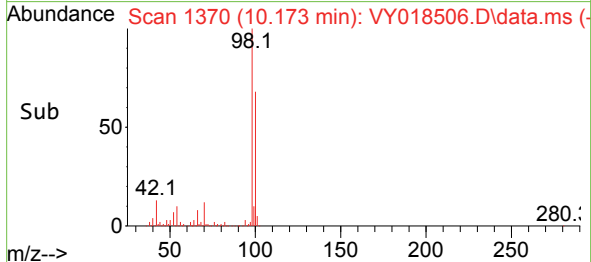
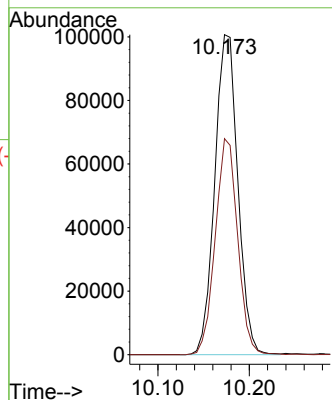
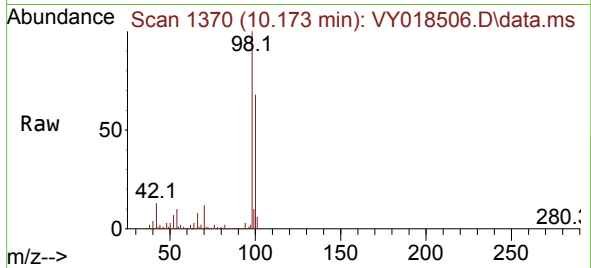




#50
Toluene-d8
Concen: 40.365 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

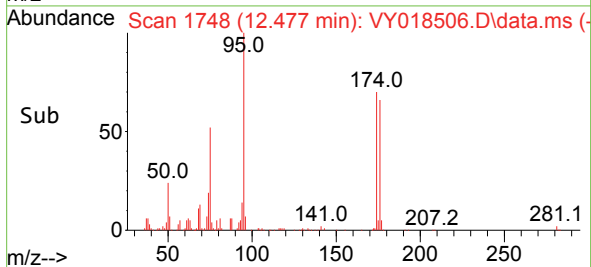
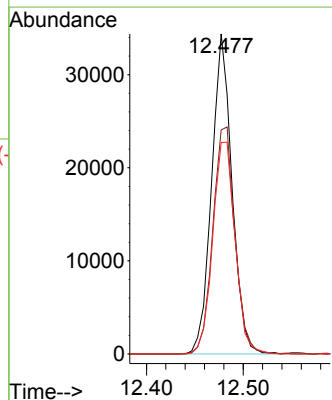
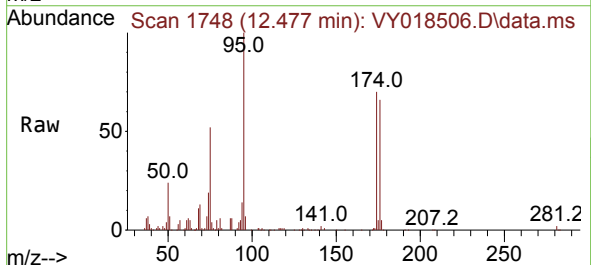
Instrument :
MSVOA_Y
ClientSampleId :

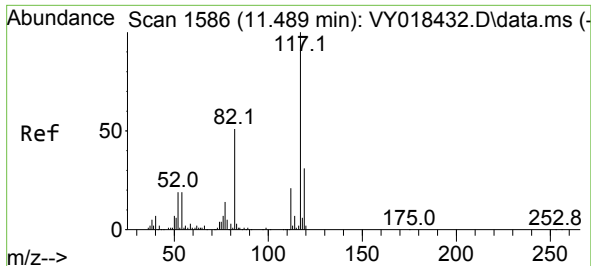
Tgt Ion: 98 Resp: 176730
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.907 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

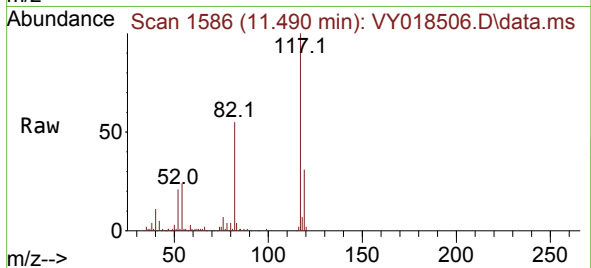
Tgt Ion: 95 Resp: 50311
Ion Ratio Lower Upper
95 100
174 76.9 0.0 175.6
176 72.8 0.0 171.4



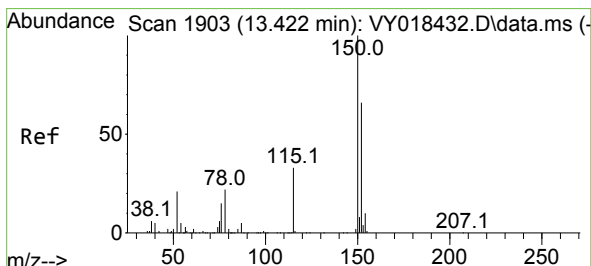
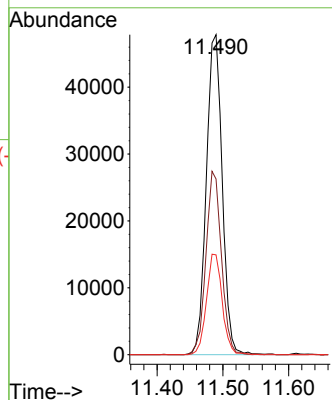
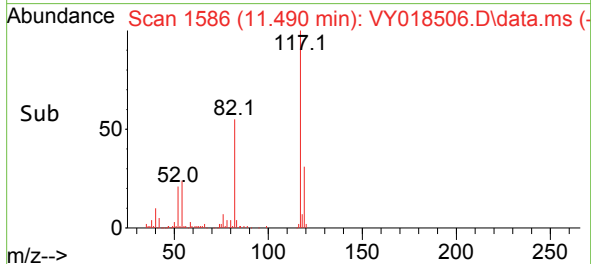


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :

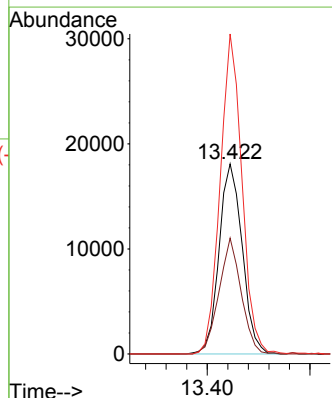
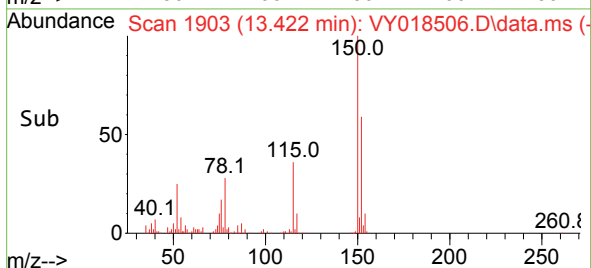
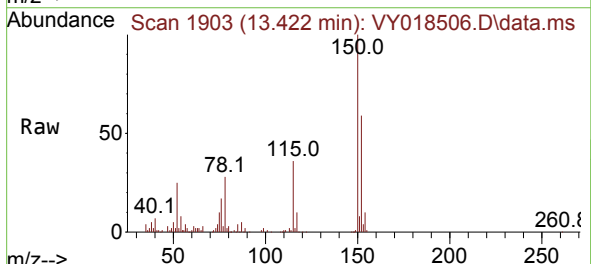


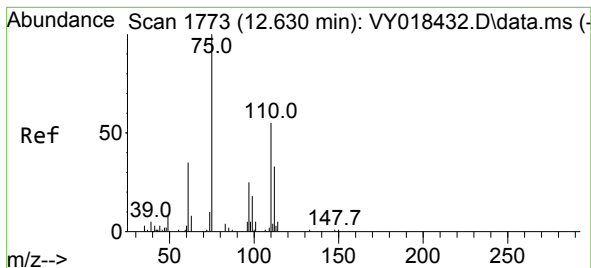
Tgt Ion:117 Resp: 80316
Ion Ratio Lower Upper
117 100
82 54.9 42.4 63.6
119 31.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018506.D
Acq: 06 Jun 2024 15:37

Tgt Ion:152 Resp: 28208
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 158.5 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 81.379 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018506.D

Acq: 06 Jun 2024 15:37

Instrument :

MSVOA_Y

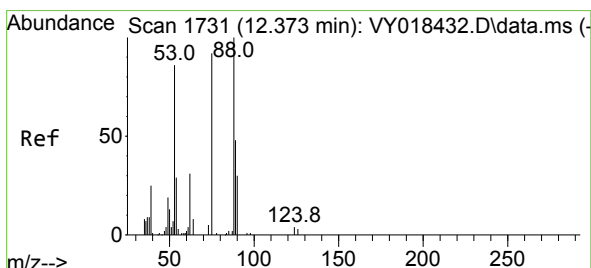
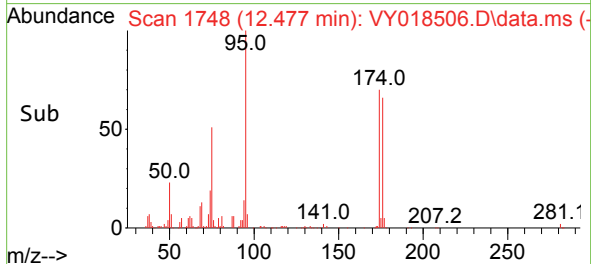
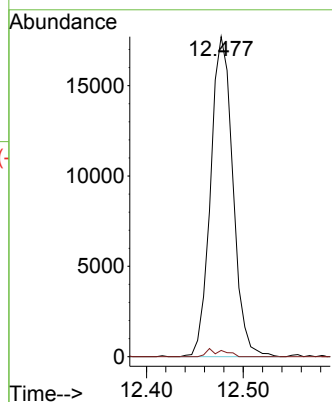
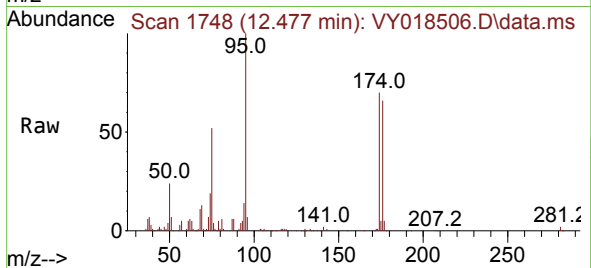
ClientSampleId :

Tgt Ion: 75 Resp: 28465

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 170.972 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018506.D

Acq: 06 Jun 2024 15:37

Tgt Ion: 75 Resp: 28465

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.2 35.8 53.6#

