

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018512.D
 Acq On : 06 Jun 2024 18:05
 Operator : SY/MD
 Sample : P2707-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:30:00 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)

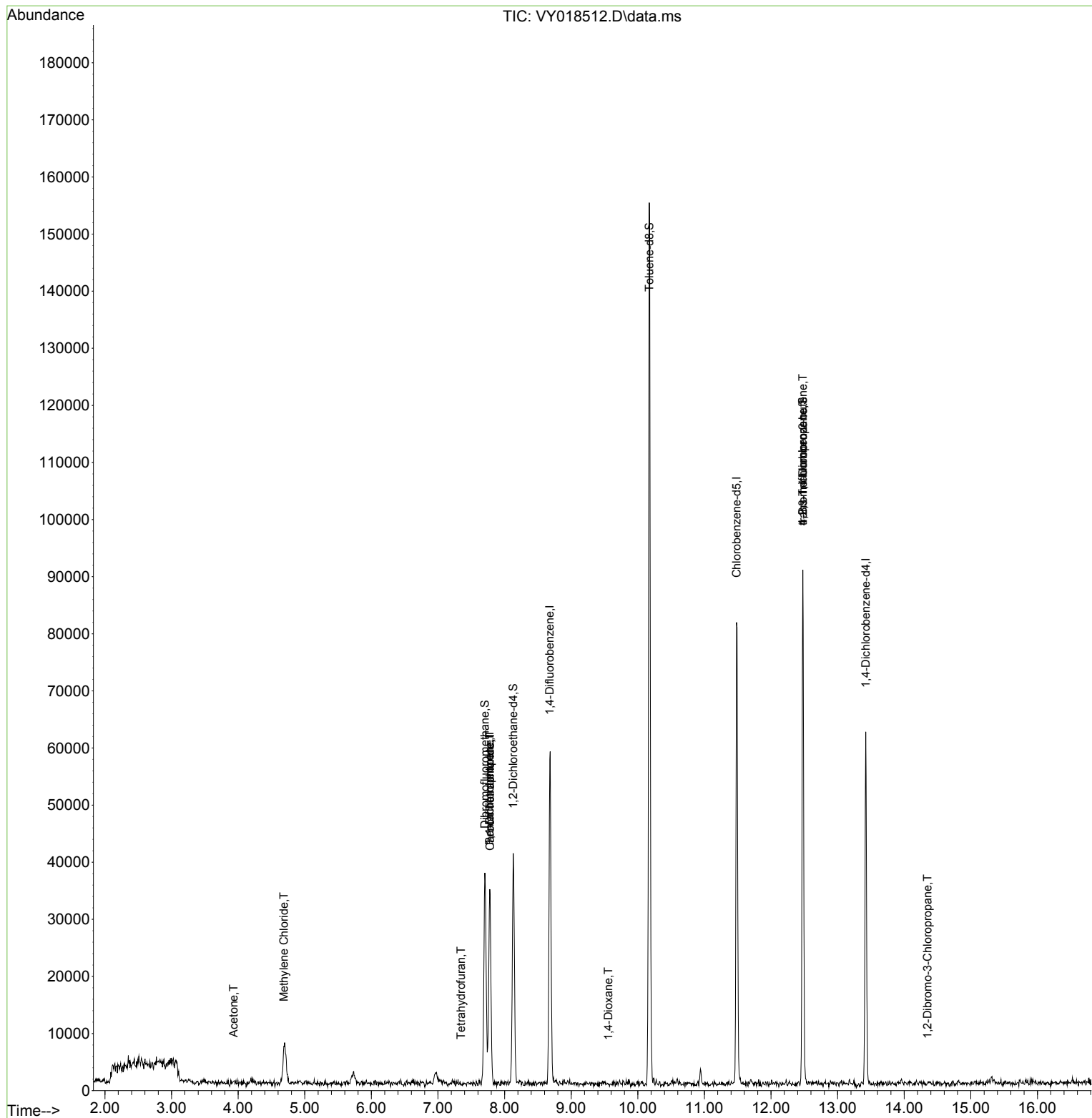
Internal Standards						
1) Pentafluorobenzene	7.777	168	23352	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	47441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	40690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29204	63.681	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 127.360%		
35) Dibromofluoromethane	7.704	113	25663	42.659	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 85.320%		
50) Toluene-d8	10.173	98	96422	40.289	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 80.580%		
62) 4-Bromofluorobenzene	12.477	95	26296	35.289	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 70.580%		
Target Compounds						
11) Tert butyl alcohol	4.917	59	95	Below Cal	#	35
16) Acetone	3.930	43	702	6.897	ug/l #	75
20) Methylene Chloride	4.686	84	4893	5.750	ug/l	95
29) Tetrahydrofuran	7.344	42	130	1.284	ug/l #	26
36) 1,1-Dichloropropene	7.777	75	2566	2.797	ug/l #	47
38) Carbon Tetrachloride	7.783	117	2856	3.107	ug/l #	13
49) 1,4-Dioxane	9.557	88	57	12.045	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	14646	88.987	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14646	186.955	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.349	75	75	2.044	ug/l #	9

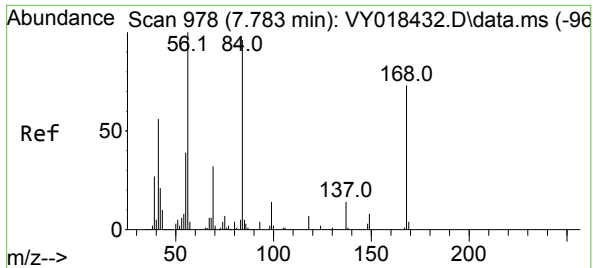
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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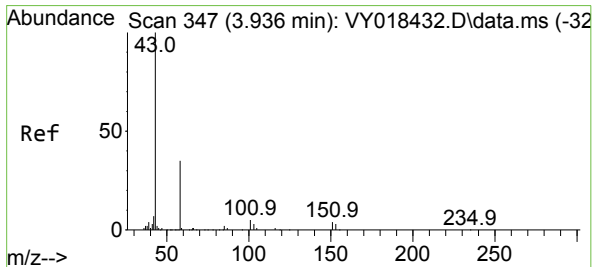
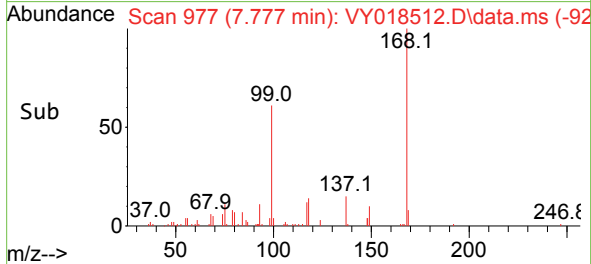
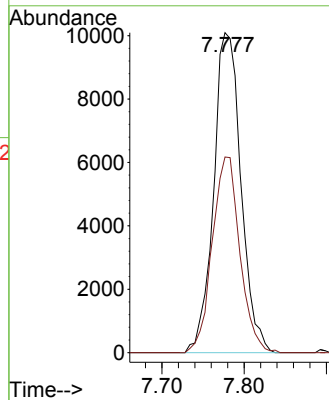
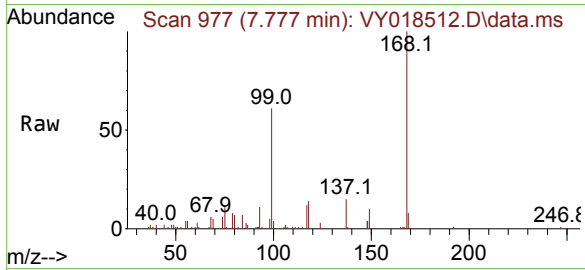




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

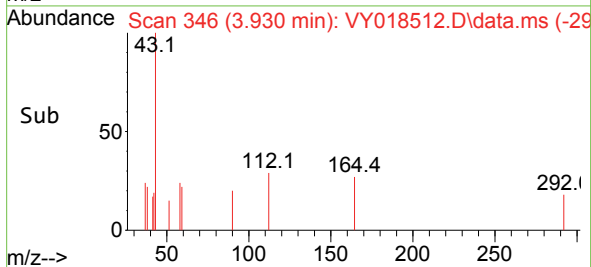
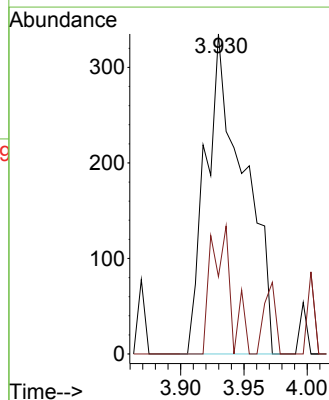
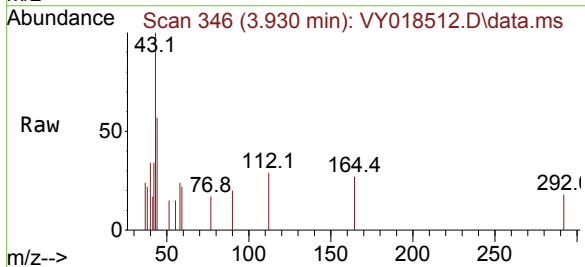
Instrument :
MSVOA_Y
ClientSampleId :

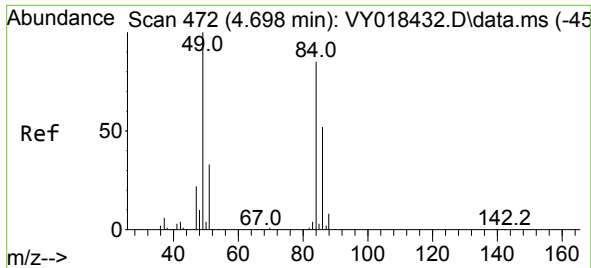
Tgt Ion:168 Resp: 23352
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#16
Acetone
Concen: 6.897 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 24.2 31.7 47.5#



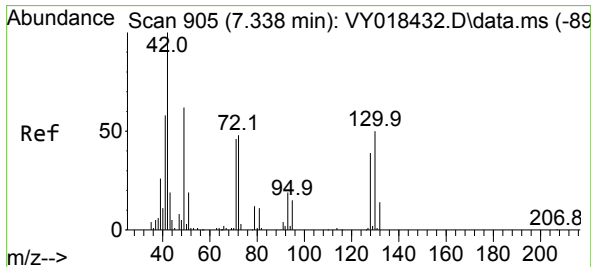
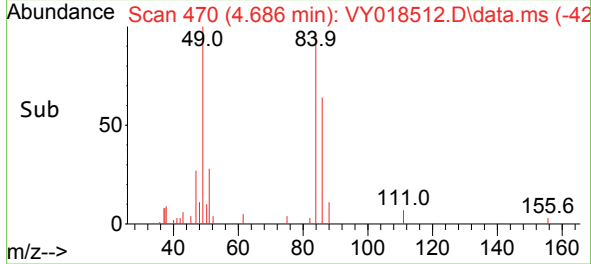
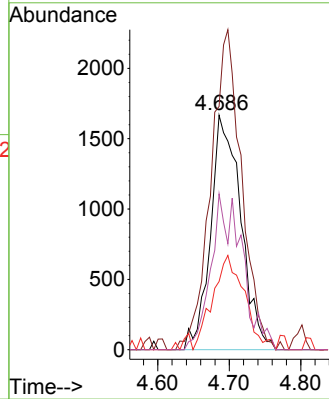
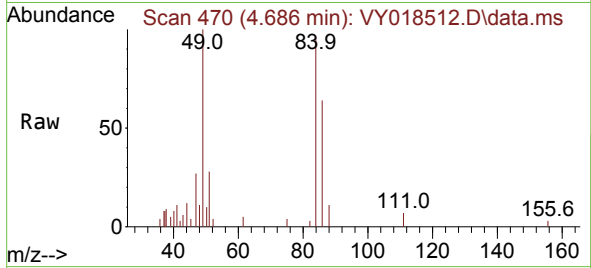


#20
Methylene Chloride
Concen: 5.750 ug/l
RT: 4.686 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 4893

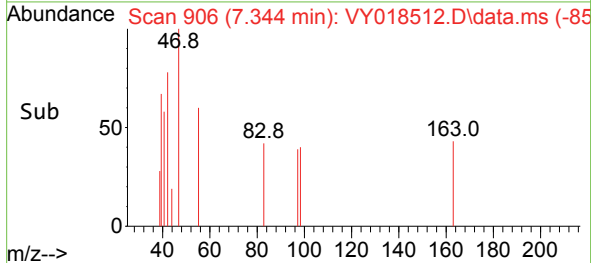
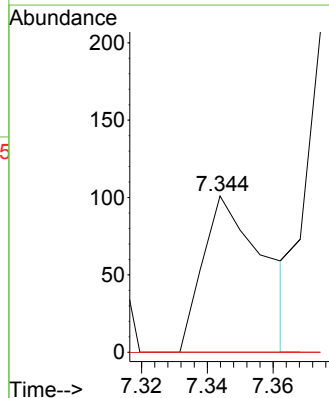
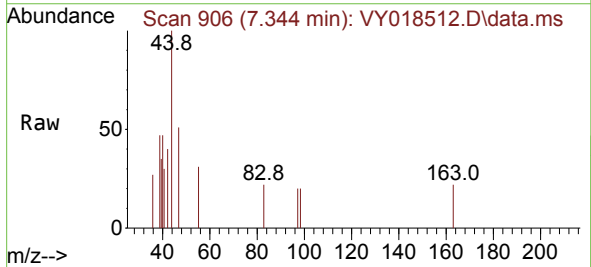
Ion	Ratio	Lower	Upper
84	100		
49	100.3	84.4	126.6
51	29.1	26.0	39.0
86	66.5	49.5	74.3

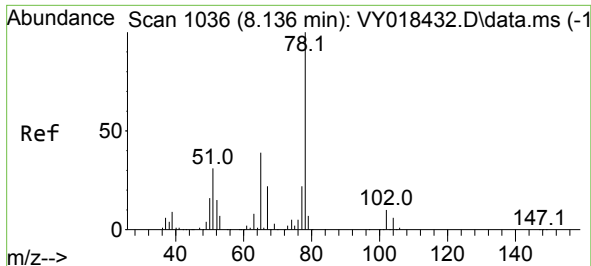


#29
Tetrahydrofuran
Concen: 1.284 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

Tgt Ion: 42 Resp: 130

Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#





#33

1,2-Dichloroethane-d4

Concen: 63.681 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018512.D

Acq: 06 Jun 2024 18:05

Instrument :

MSVOA_Y

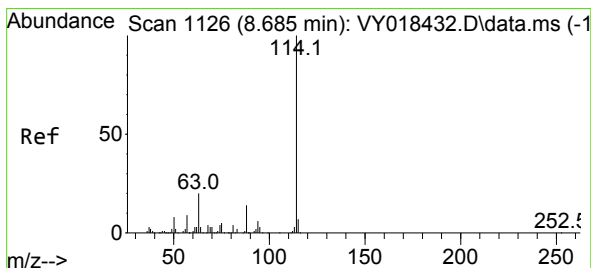
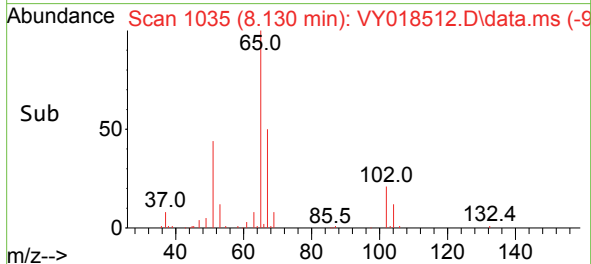
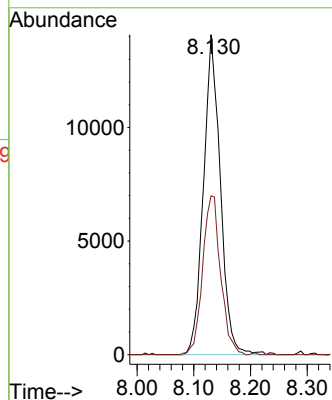
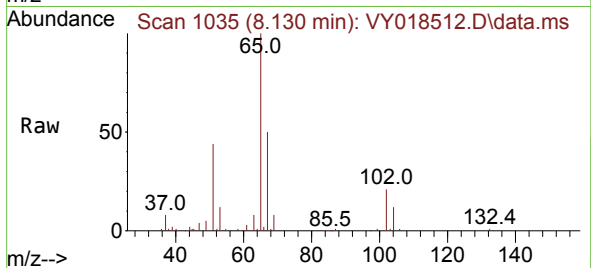
ClientSampleId :

Tgt Ion: 65 Resp: 29204

Ion Ratio Lower Upper

65 100

67 52.7 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: VY018512.D

Acq: 06 Jun 2024 18:05

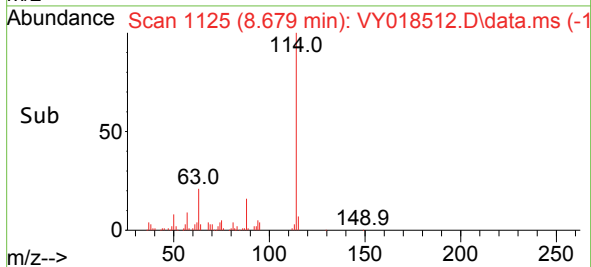
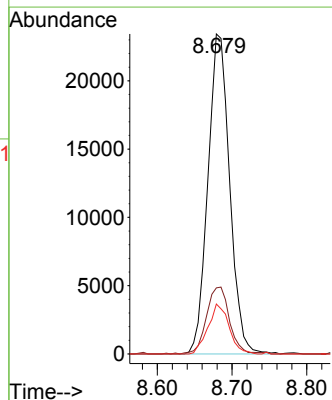
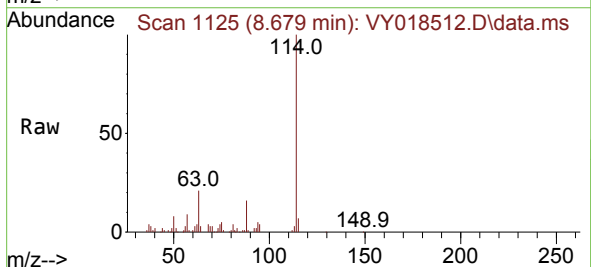
Tgt Ion: 114 Resp: 47441

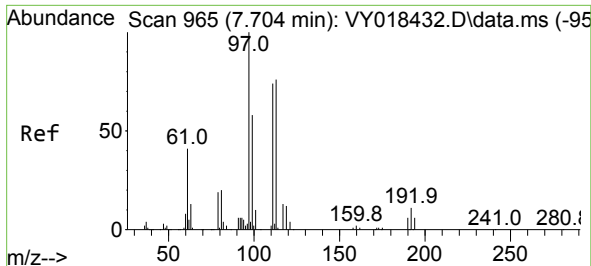
Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 15.6 0.0 27.2

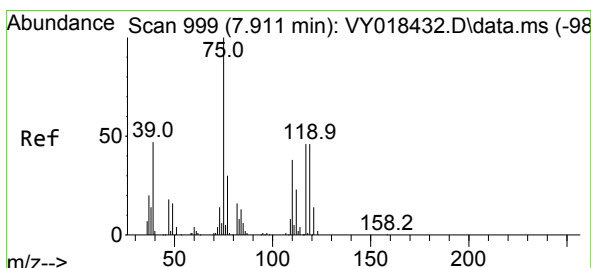
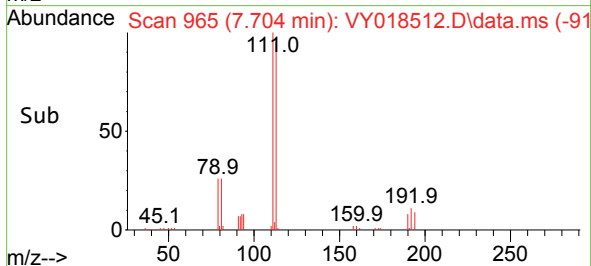
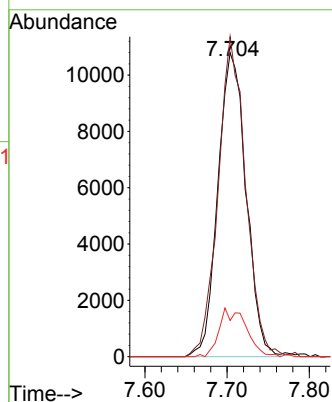
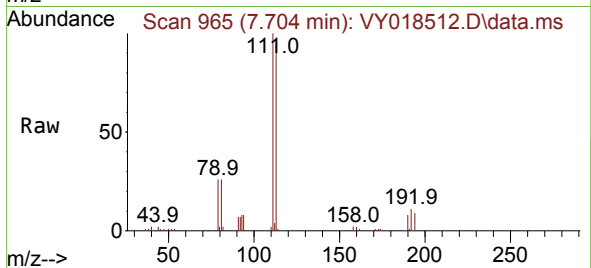




#35
Dibromofluoromethane
Concen: 42.659 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

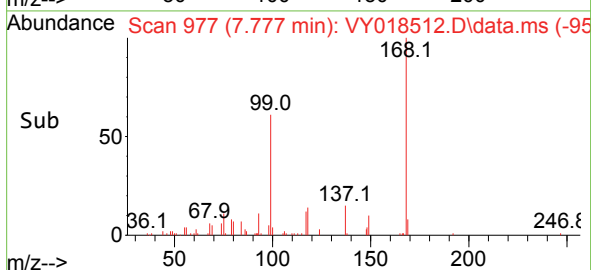
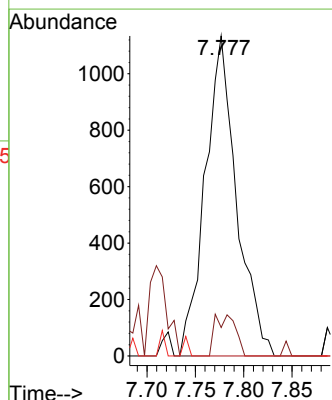
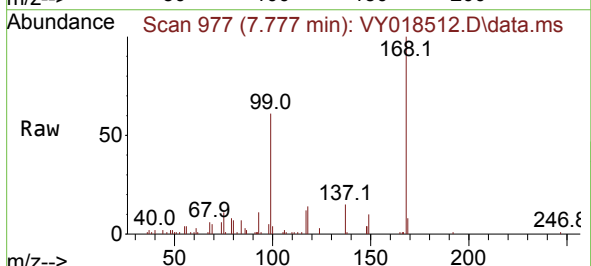
Instrument :
MSVOA_Y
ClientSampleId :

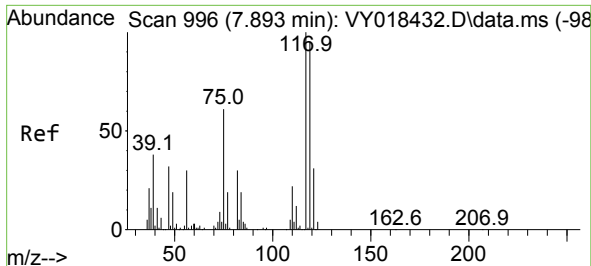
Tgt Ion:113 Resp: 25663
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 15.3 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 2.797 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

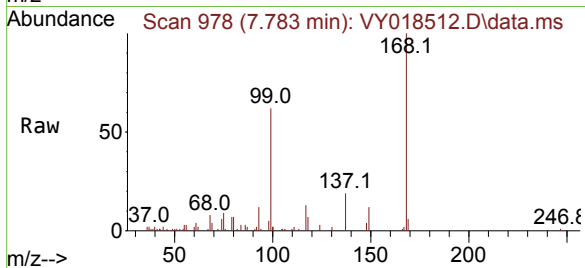
Tgt Ion: 75 Resp: 2566
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



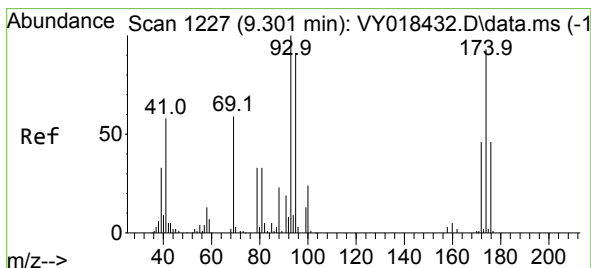
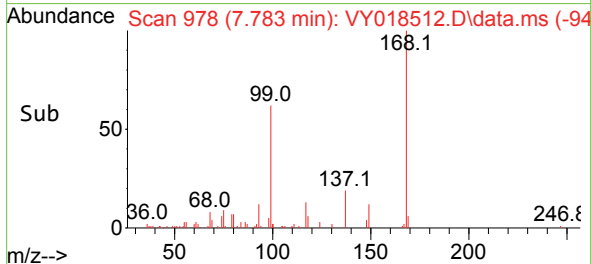
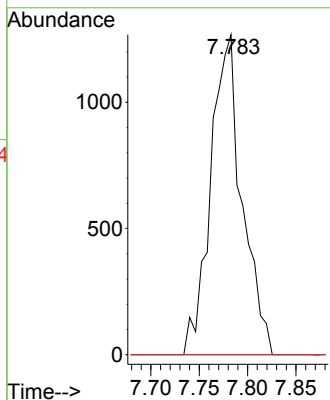


#38
Carbon Tetrachloride
Concen: 3.107 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

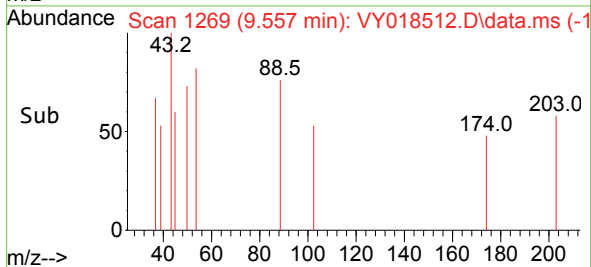
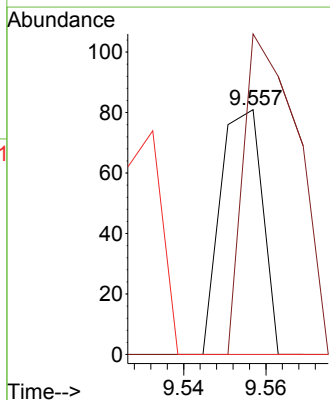
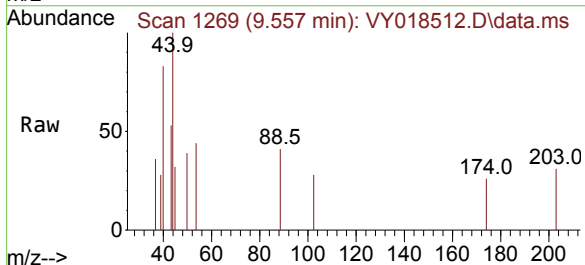


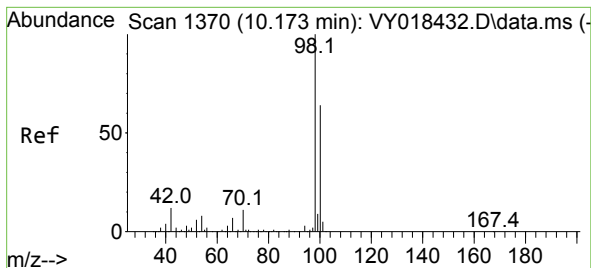
Tgt Ion:117 Resp: 2856
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 12.045 ug/l
RT: 9.557 min Scan# 1269
Delta R.T. 0.256 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 171.9 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 40.289 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018512.D

Acq: 06 Jun 2024 18:05

Instrument :

MSVOA_Y

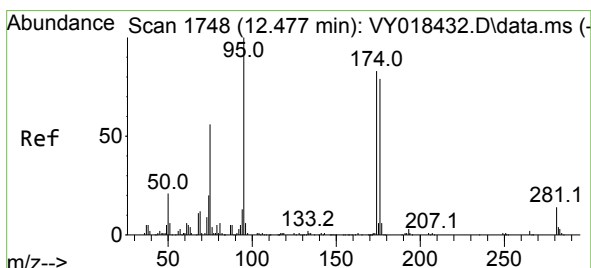
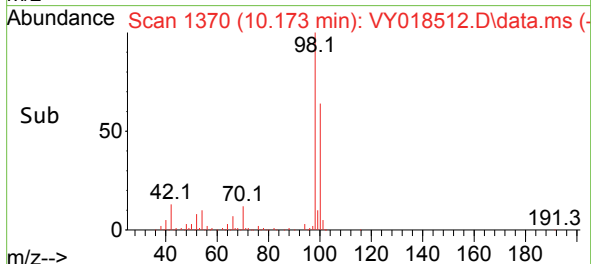
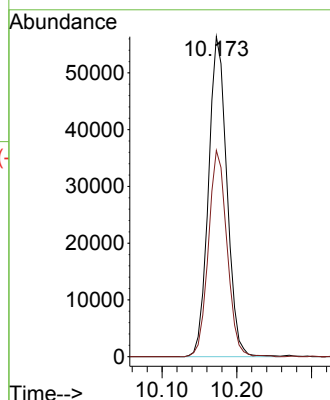
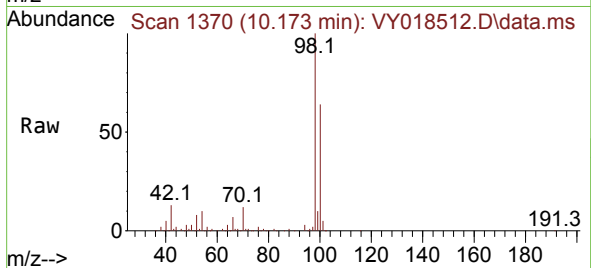
ClientSampleId :

Tgt Ion: 98 Resp: 96422

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.289 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018512.D

Acq: 06 Jun 2024 18:05

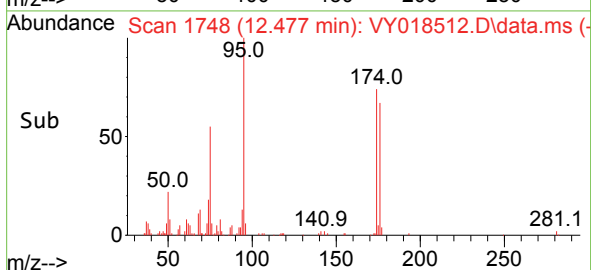
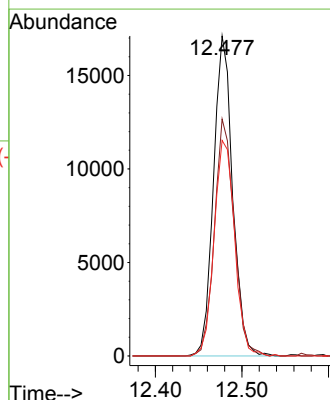
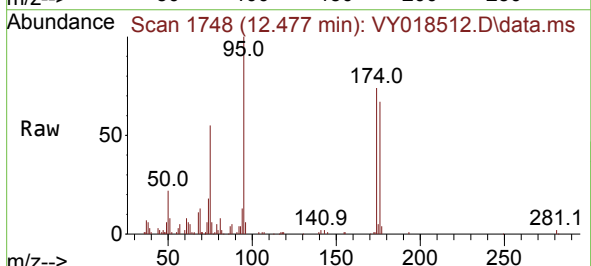
Tgt Ion: 95 Resp: 26296

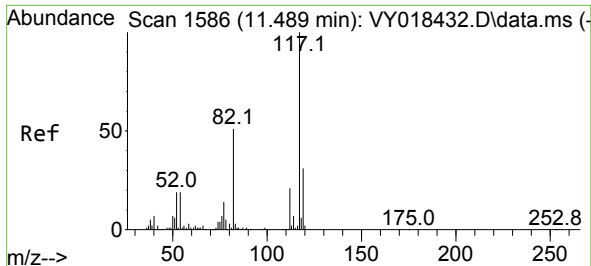
Ion Ratio Lower Upper

95 100

174 76.2 0.0 175.6

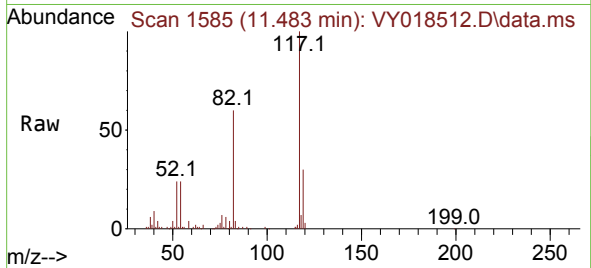
176 72.5 0.0 171.4



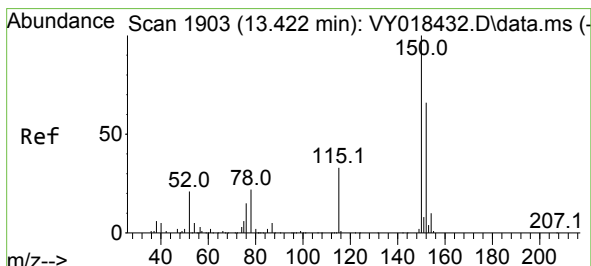
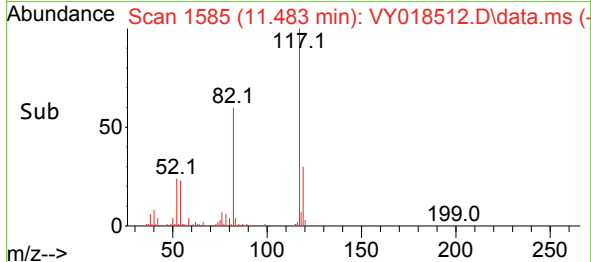
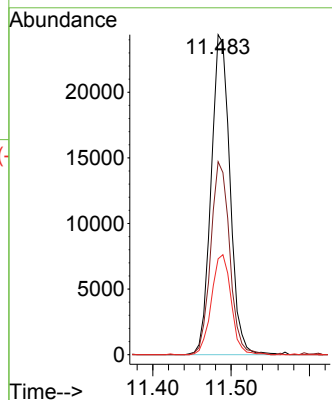


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

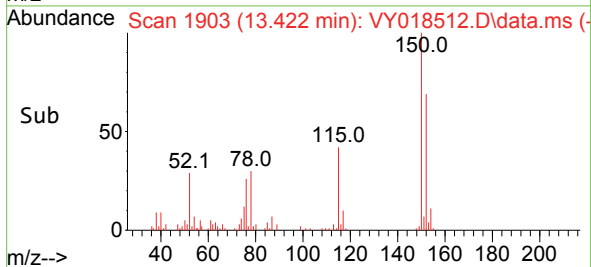
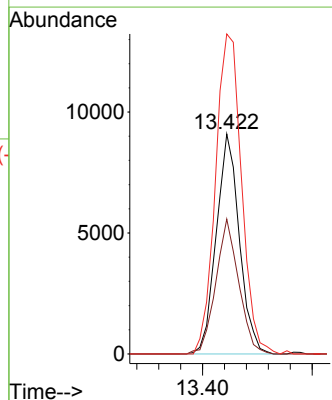
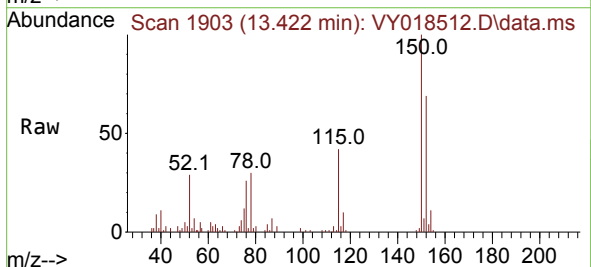


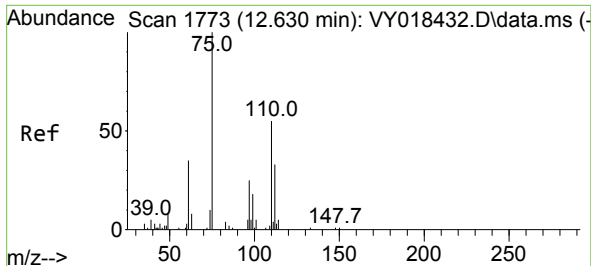
Tgt Ion:117 Resp: 40690
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 29.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

Tgt Ion:152 Resp: 13273
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 164.4 0.0 345.6

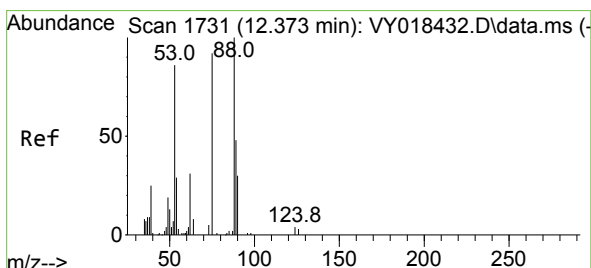
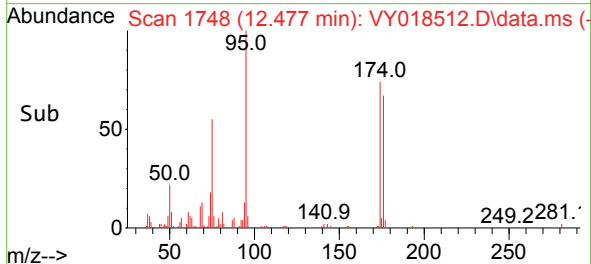
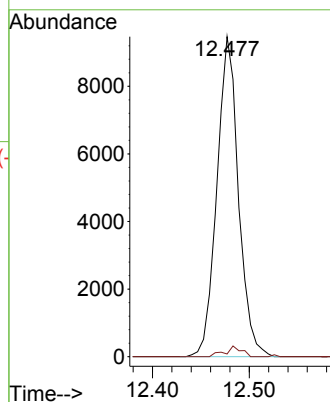
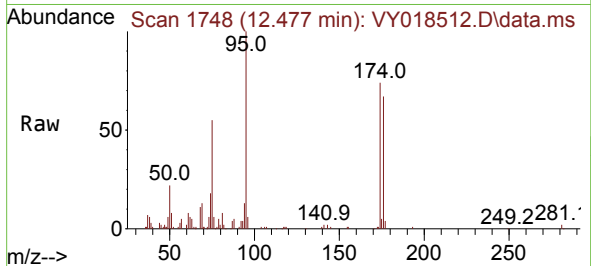




#76
1,2,3-Trichloropropane
Concen: 88.987 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

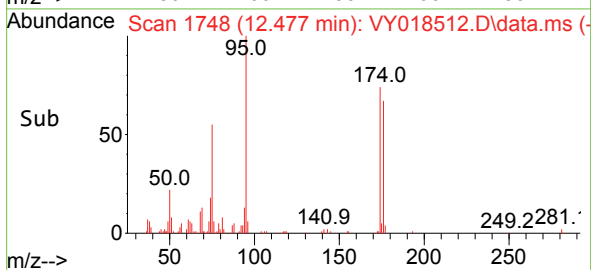
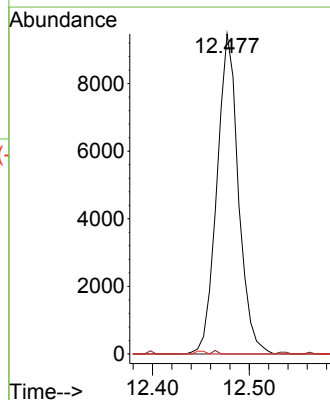
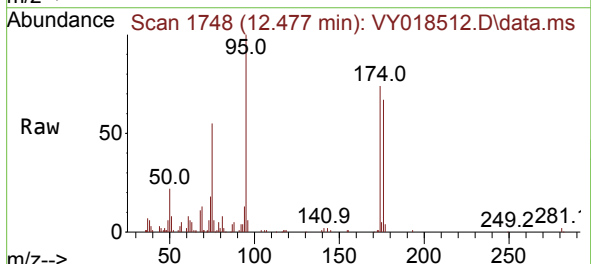
Instrument :
MSVOA_Y
ClientSampleId :

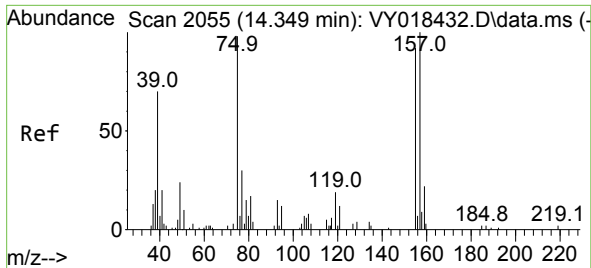
Tgt Ion: 75 Resp: 14646
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 186.955 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018512.D
Acq: 06 Jun 2024 18:05

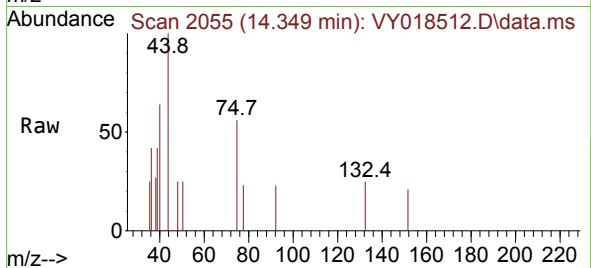
Tgt Ion: 75 Resp: 14646
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.0 35.8 53.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.044 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.000 min
 Lab File: VY018512.D
 Acq: 06 Jun 2024 18:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 75
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 29.3 62.7 188.2#

