

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018678.D
 Acq On : 24 Jun 2024 16:29
 Operator : SY/MD
 Sample : P3021-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 01:10:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

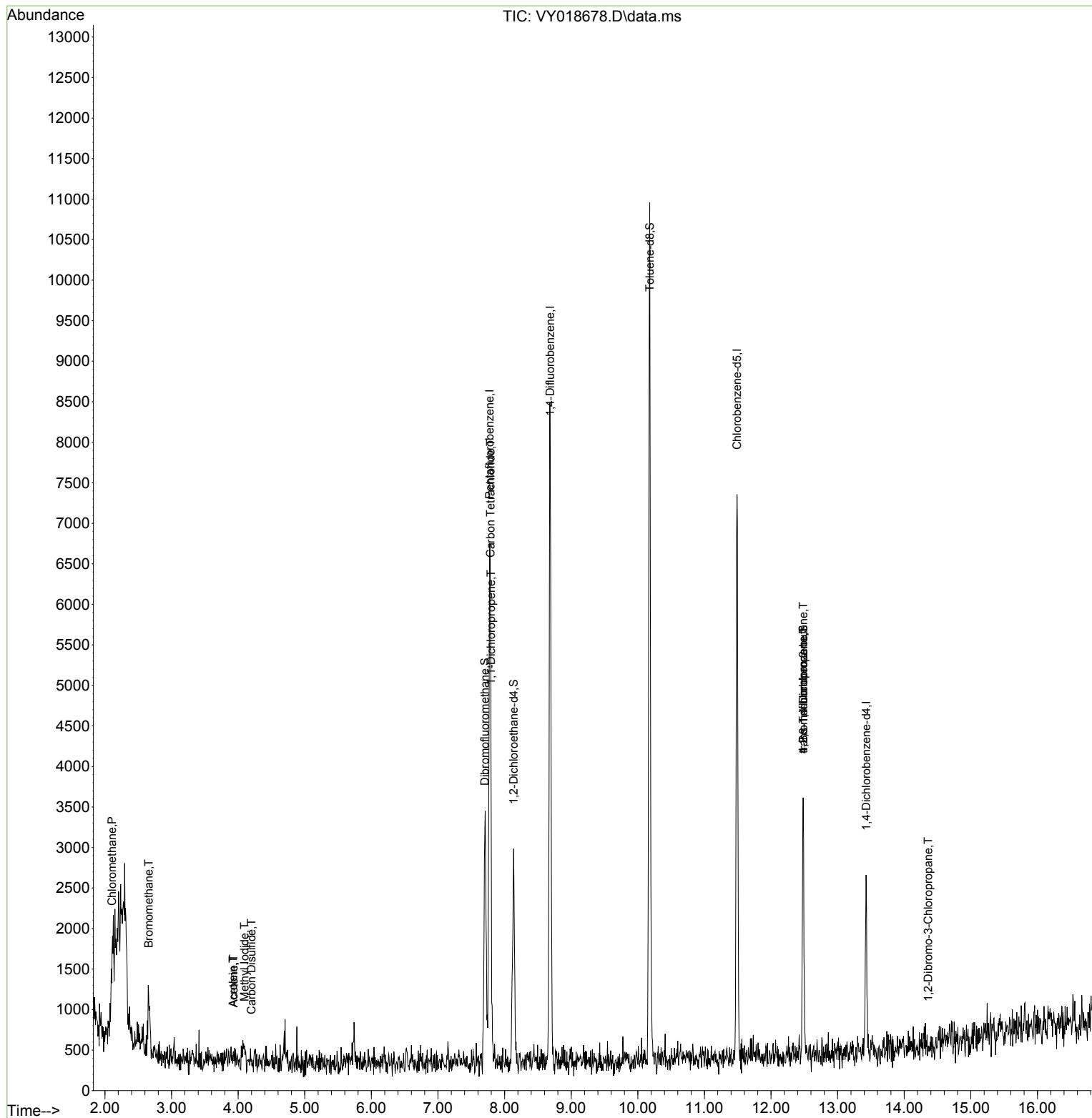
Internal Standards						
1) Pentafluorobenzene	7.776	168	5371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4984	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2026	37.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.940%
35) Dibromofluoromethane	7.703	113	2230	48.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.360%
50) Toluene-d8	10.178	98	7419	42.111	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.220%
62) 4-Bromofluorobenzene	12.483	95	1370	24.626	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	185	2.539	ug/l #	43
5) Bromomethane	2.655	94	503	7.500	ug/l #	71
10) Methyl Iodide	4.094	142	380	6.799	ug/l #	60
13) Acrolein	3.923	56	20	6.396	ug/l #	15
16) Acetone	3.930	43	47	4.272	ug/l #	36
17) Carbon Disulfide	4.198	76	20	2.342	ug/l #	76
20) Methylene Chloride	4.698	84	140	Below Cal	#	37
36) 1,1-Dichloropropene	7.795	75	397	6.296	ug/l #	40
38) Carbon Tetrachloride	7.789	117	612	9.251	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	724	95.641	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	724	250.519	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19	12.540	ug/l #	1

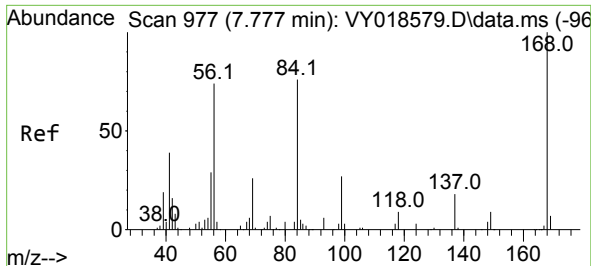
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

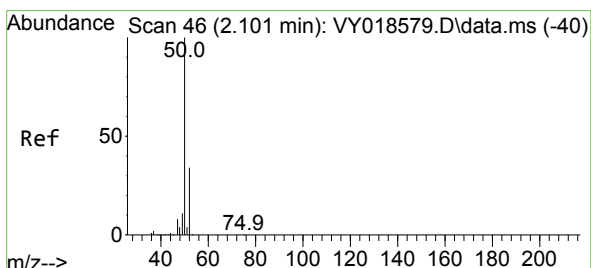
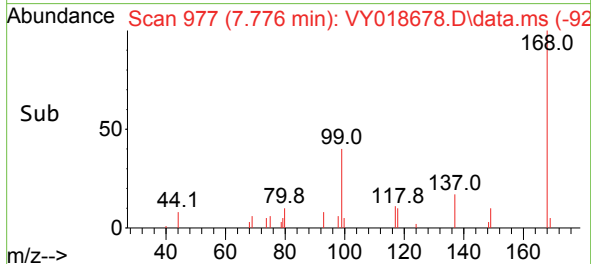
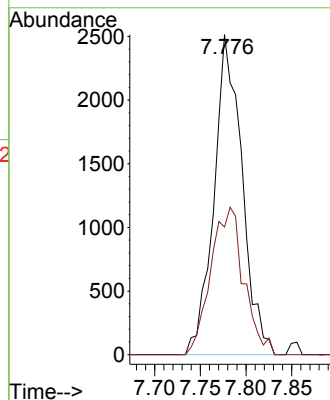
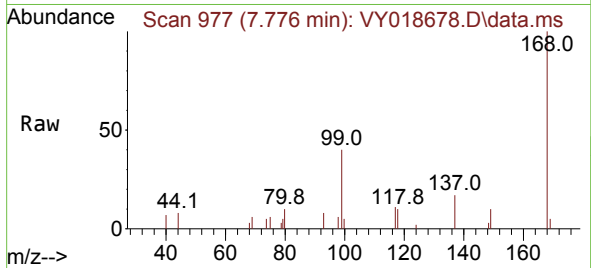




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

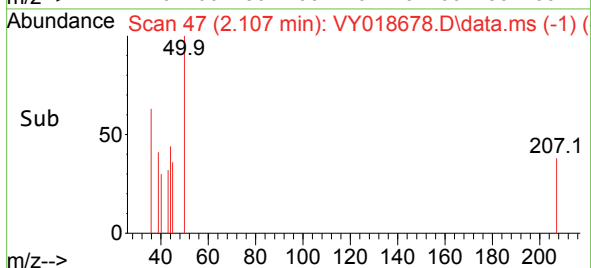
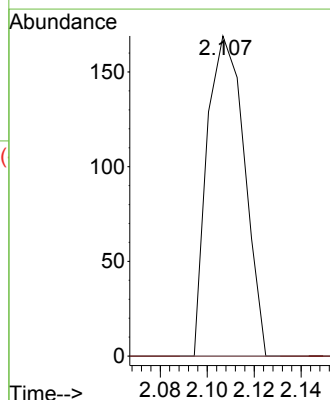
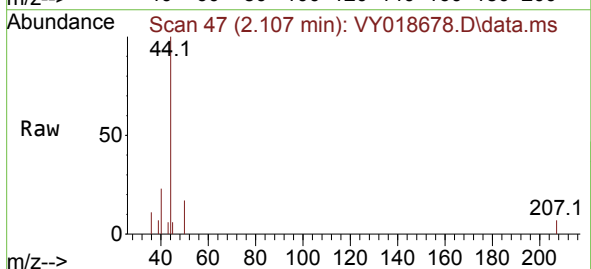
Instrument :
MSVOA_Y
ClientSampleId :

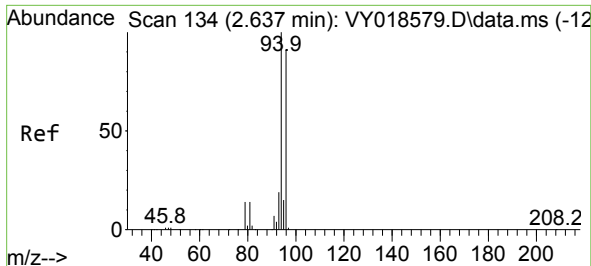
Tgt Ion:168 Resp: 5371
Ion Ratio Lower Upper
168 100
99 39.9 39.1 58.7



#3
Chloromethane
Concen: 2.539 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

Tgt Ion: 50 Resp: 185
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

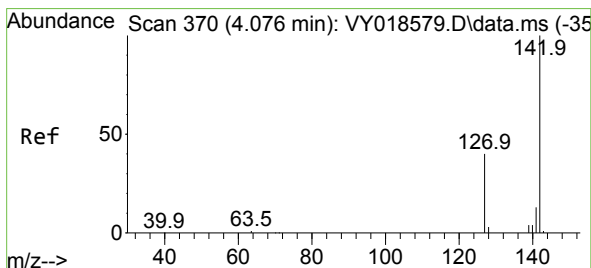
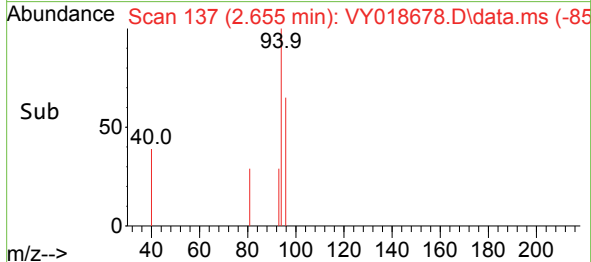
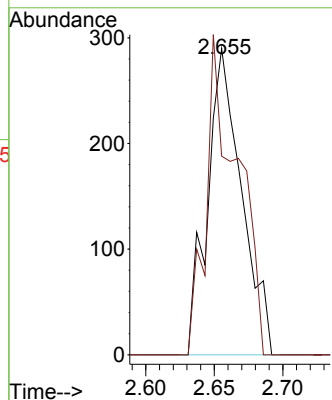
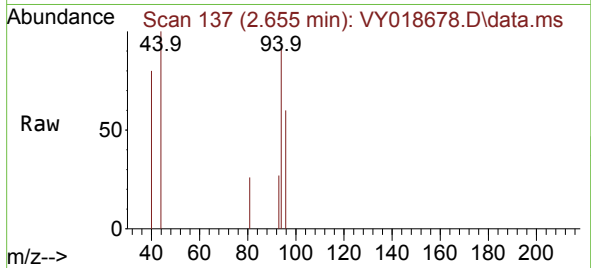




#5
Bromomethane
Concen: 7.500 ug/l
RT: 2.655 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

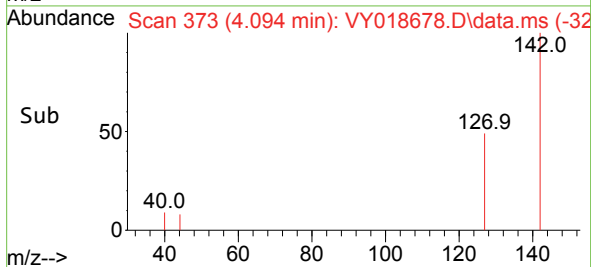
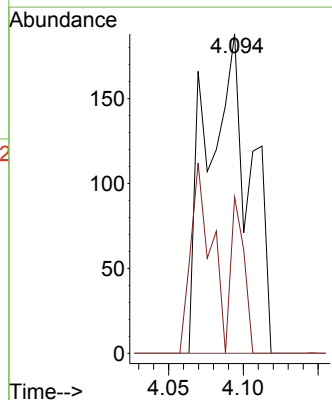
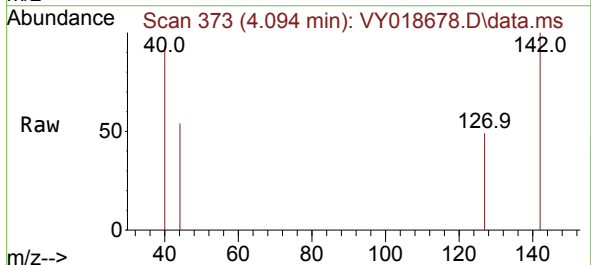
Instrument :
MSVOA_Y
ClientSampleId :

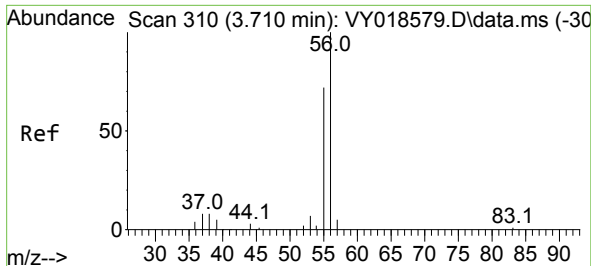
Tgt Ion: 94 Resp: 503
Ion Ratio Lower Upper
94 100
96 64.8 74.1 111.1#



#10
Methyl Iodide
Concen: 6.799 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

Tgt Ion: 142 Resp: 380
Ion Ratio Lower Upper
142 100
127 14.7 32.8 49.2#
141 0.0 11.4 17.2#

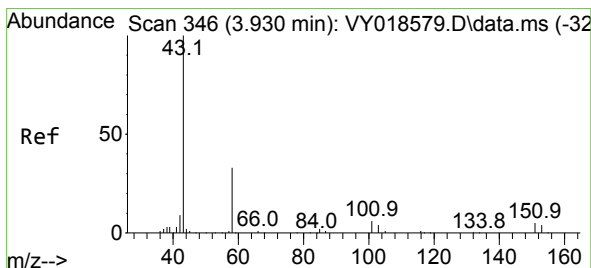
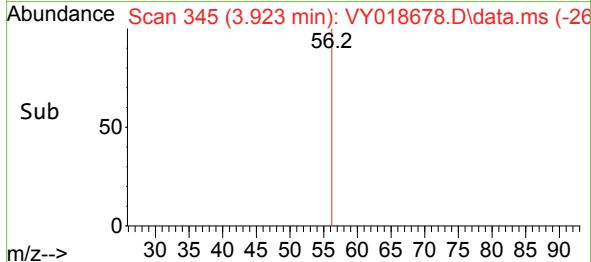
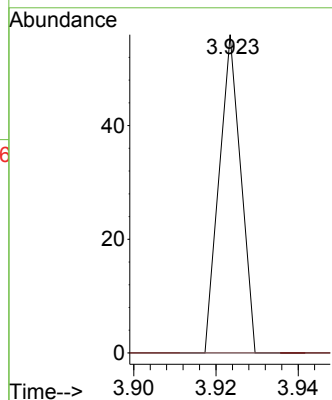
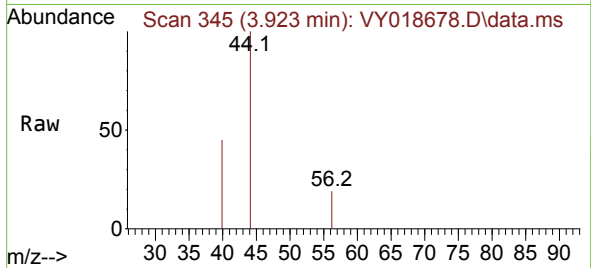




#13
Acrolein
Concen: 6.396 ug/l
RT: 3.923 min Scan# 345
Delta R.T. 0.213 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

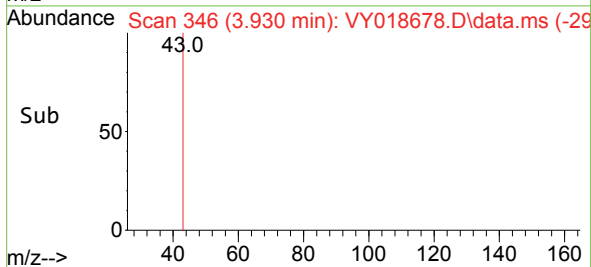
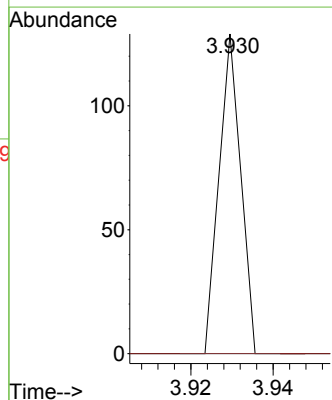
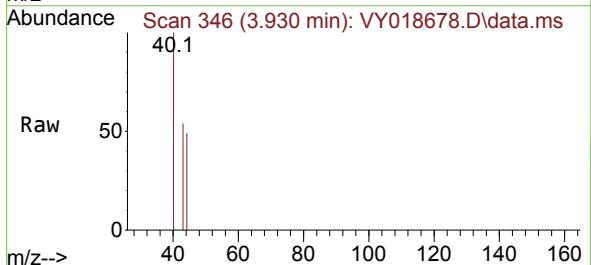
Instrument :
MSVOA_Y
ClientSampleId :

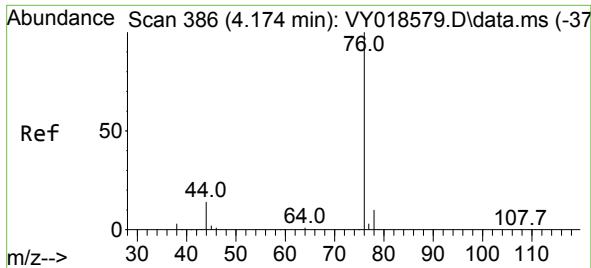
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 4.272 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

Tgt Ion: 43 Resp: 47
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

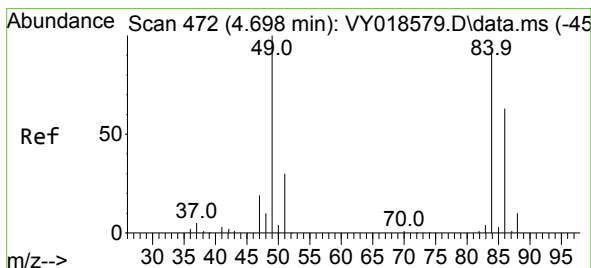
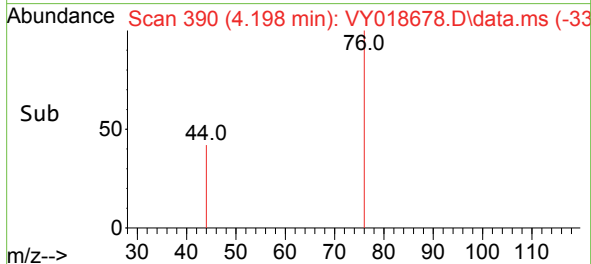
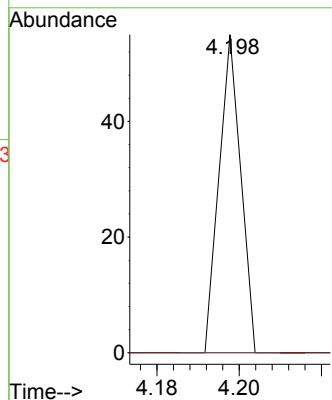
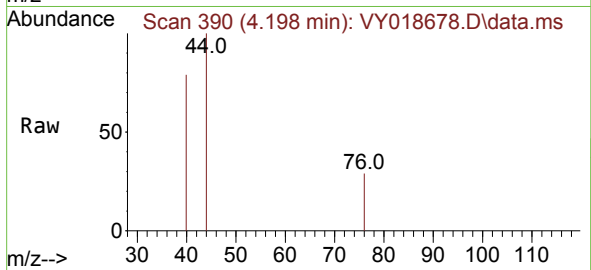




#17
Carbon Disulfide
Concen: 2.342 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.024 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

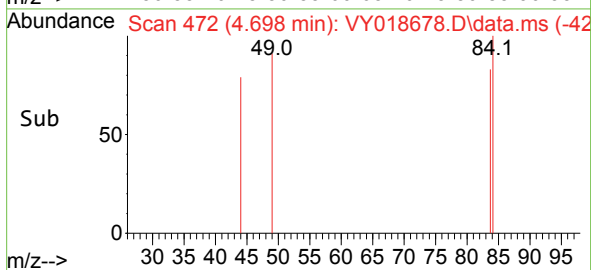
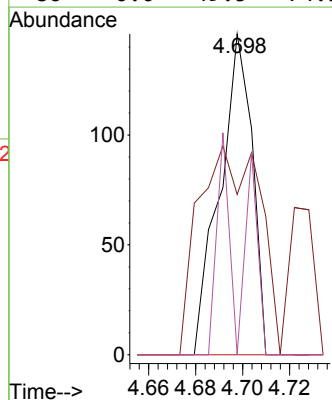
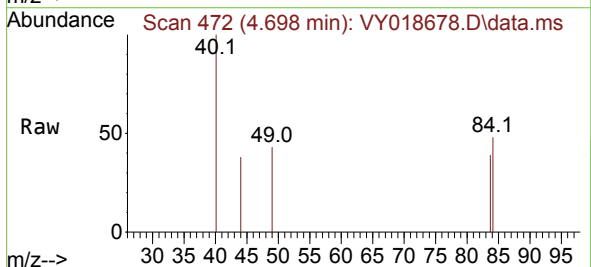
Instrument :
MSVOA_Y
ClientSampleId :

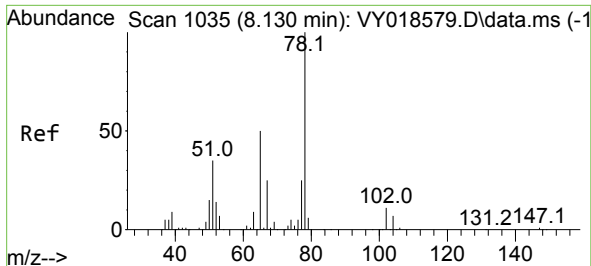
Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

Tgt Ion: 84 Resp: 140
Ion Ratio Lower Upper
84 100
49 50.0 84.4 126.6#
51 0.0 26.0 39.0#
86 0.0 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 37.467 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY018678.D

Acq: 24 Jun 2024 16:29

Instrument :

MSVOA_Y

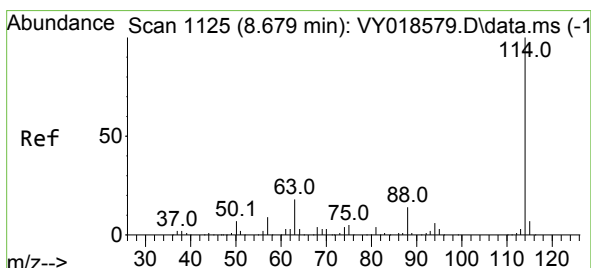
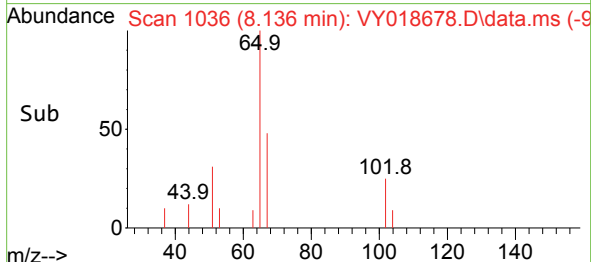
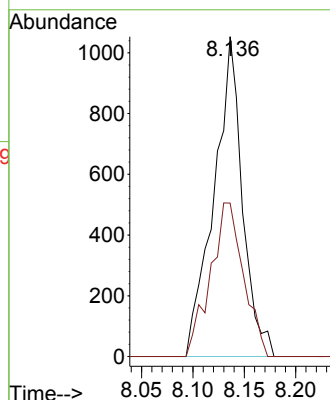
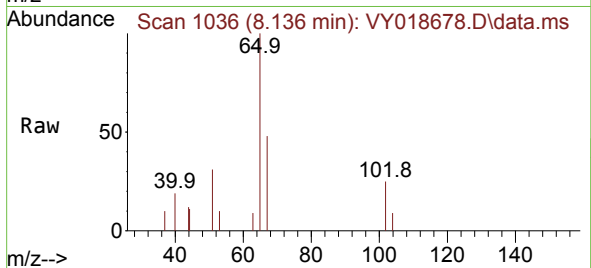
ClientSampleId :

Tgt Ion: 65 Resp: 2026

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018678.D

Acq: 24 Jun 2024 16:29

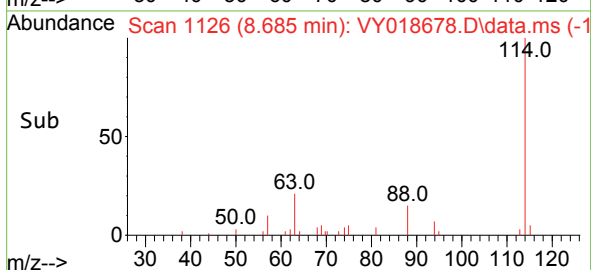
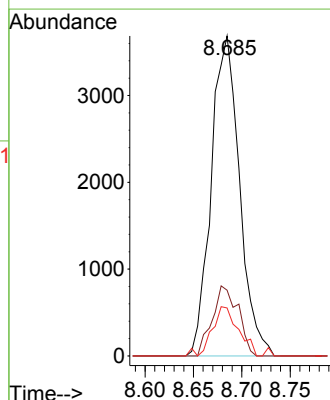
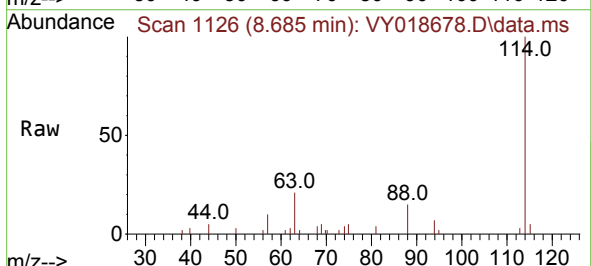
Tgt Ion: 114 Resp: 7510

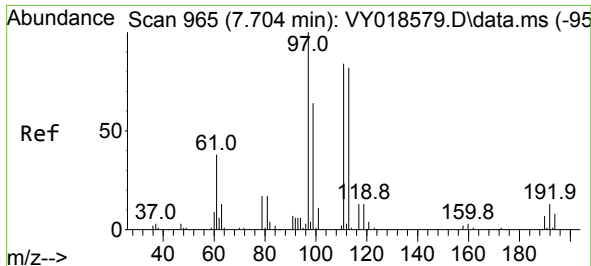
Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

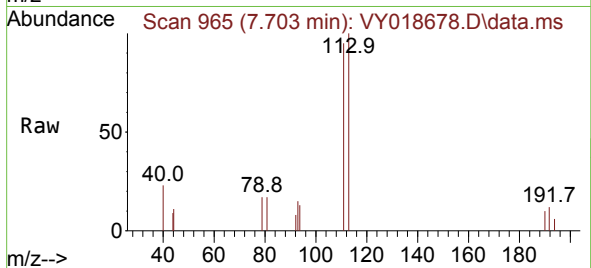
88 15.0 0.0 27.2



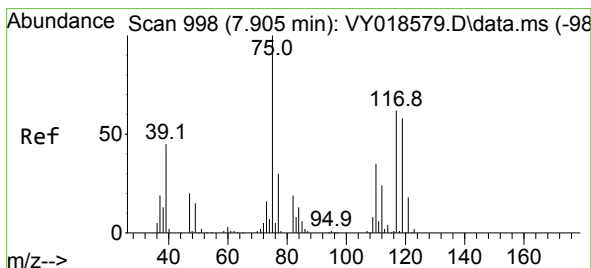
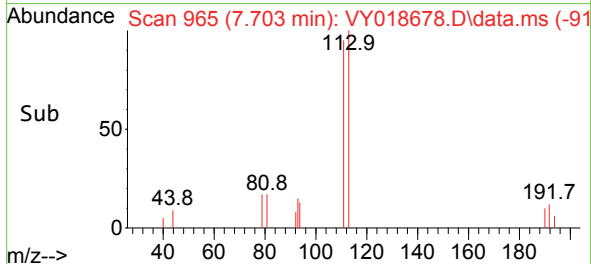
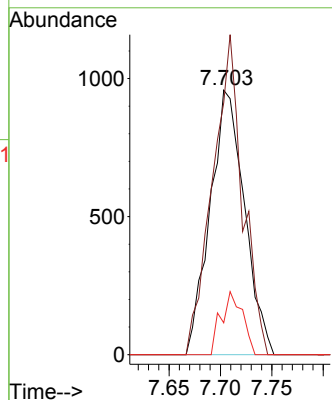


#35
 Dibromofluoromethane
 Concen: 48.677 ug/l
 RT: 7.703 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY018678.D
 Acq: 24 Jun 2024 16:29

Instrument :
 MSVOA_Y
 ClientSampleId :

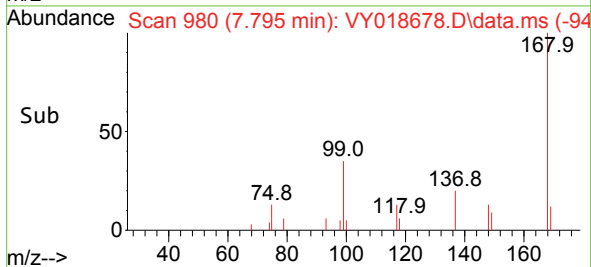
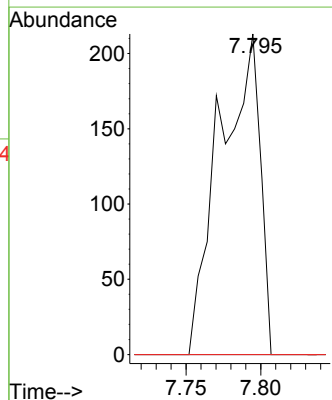
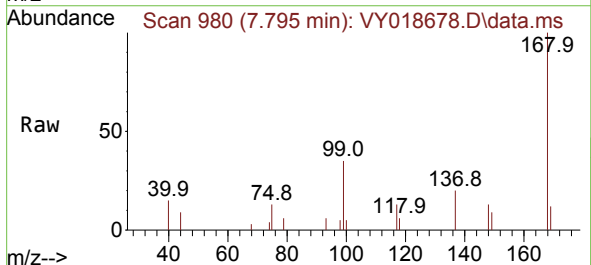


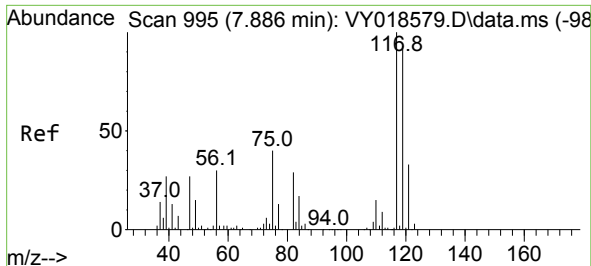
Tgt Ion:113 Resp: 2230
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.2 123.4
 192 14.8 15.9 23.9#



#36
 1,1-Dichloropropene
 Concen: 6.296 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY018678.D
 Acq: 24 Jun 2024 16:29

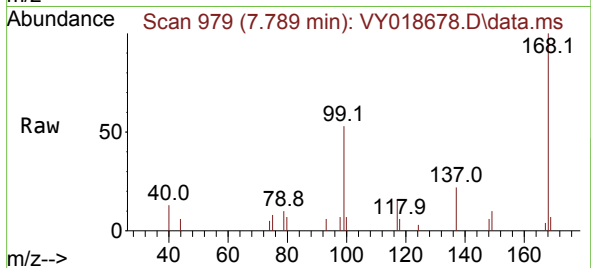
Tgt Ion: 75 Resp: 397
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 25.3 37.9#



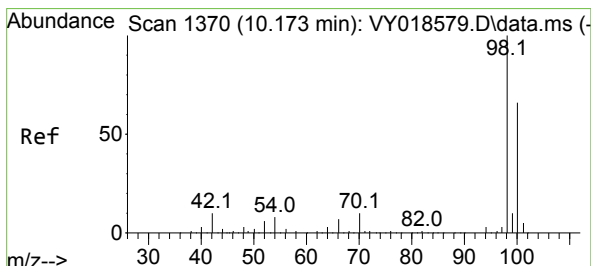
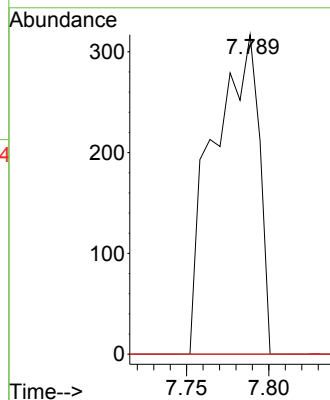
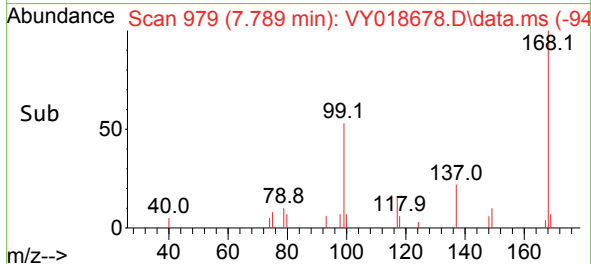


#38
Carbon Tetrachloride
Concen: 9.251 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

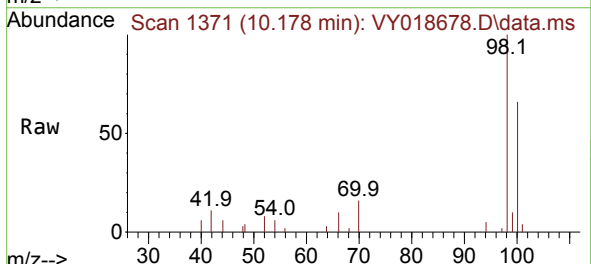
Instrument :
MSVOA_Y
ClientSampleId :



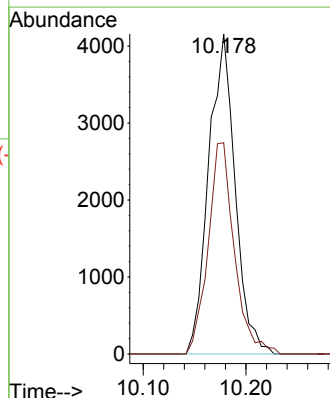
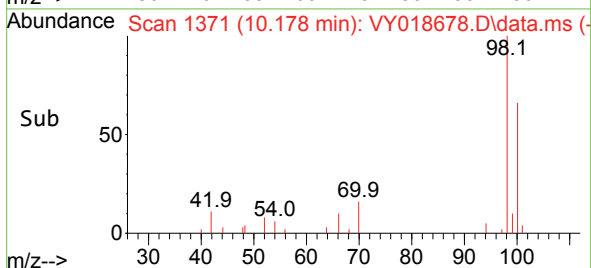
Tgt Ion:117 Resp: 612
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

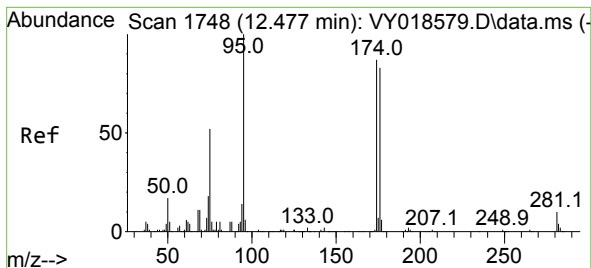


#50
Toluene-d8
Concen: 42.111 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29



Tgt Ion: 98 Resp: 7419
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

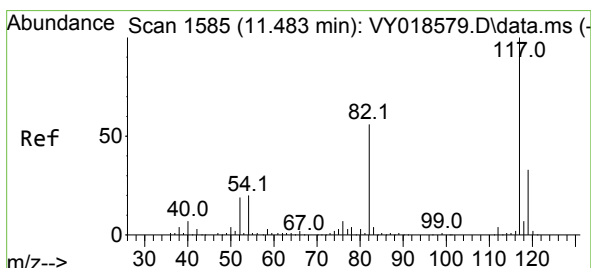
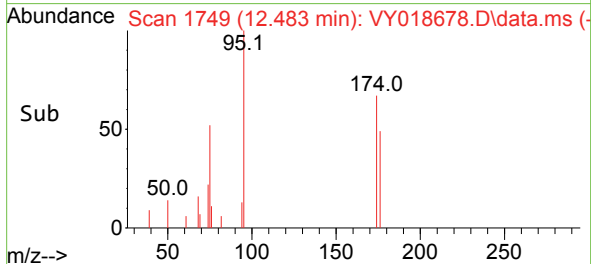
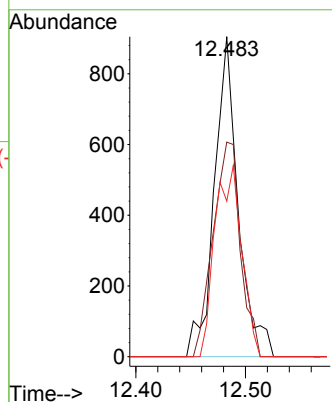
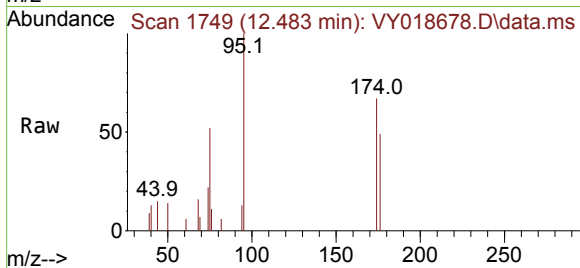




#62
4-Bromofluorobenzene
Concen: 24.626 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

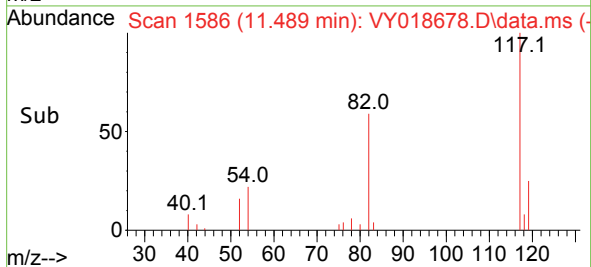
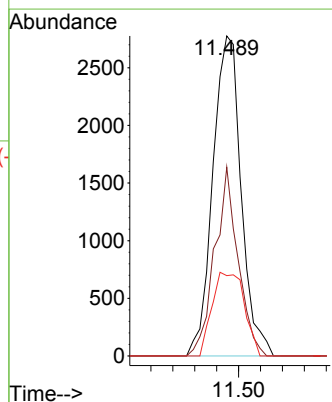
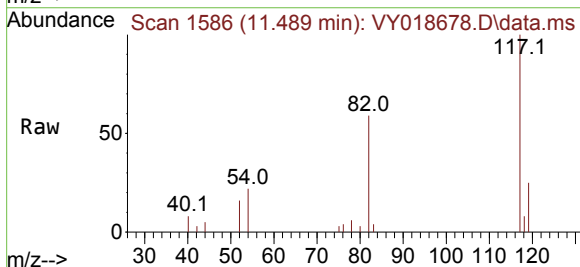
Instrument :
MSVOA_Y
ClientSampleId :

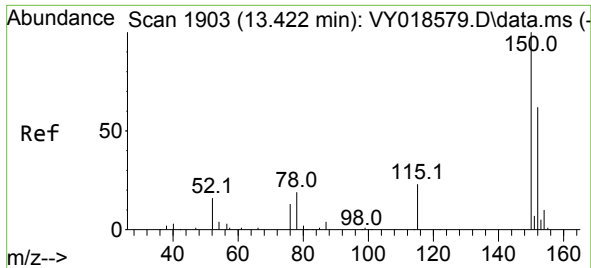
Tgt Ion: 95 Resp: 1370
Ion Ratio Lower Upper
95 100
174 77.0 0.0 175.6
176 67.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

Tgt Ion: 117 Resp: 4984
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 25.1 25.9 38.9#

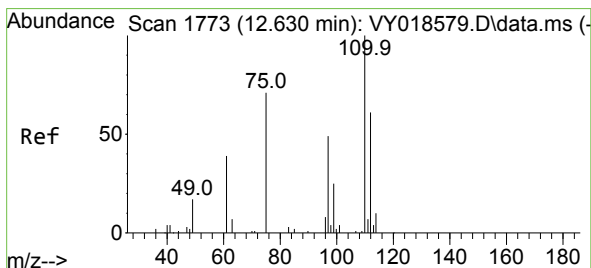
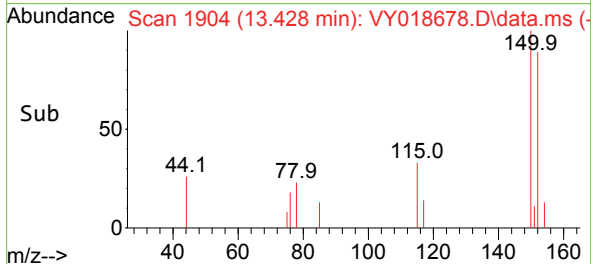
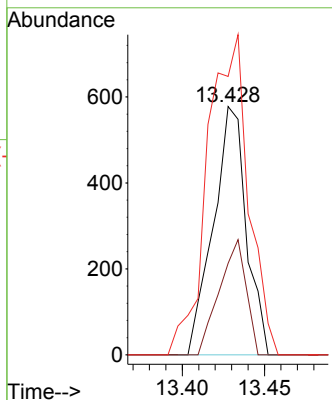
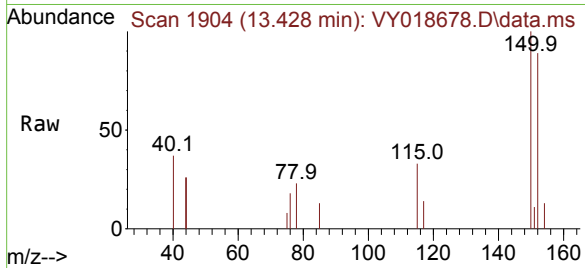




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY018678.D
 Acq: 24 Jun 2024 16:29

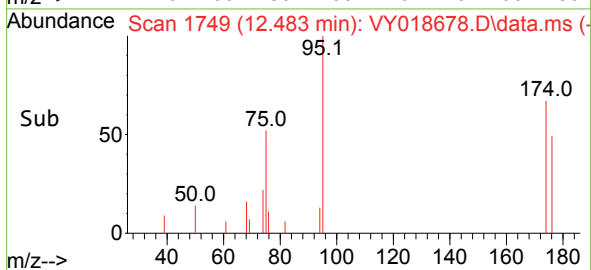
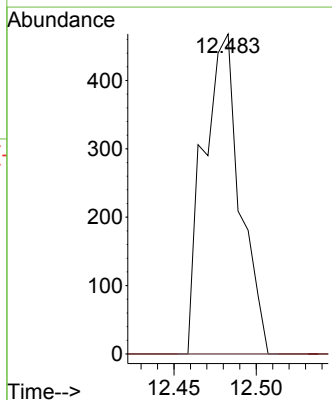
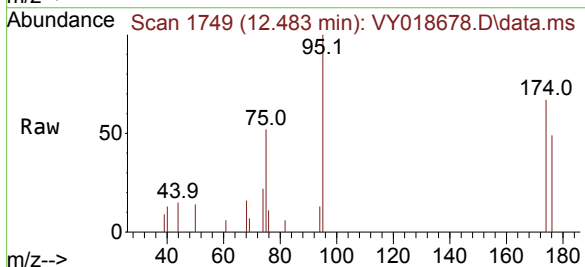
Instrument :
 MSVOA_Y
 ClientSampleId :

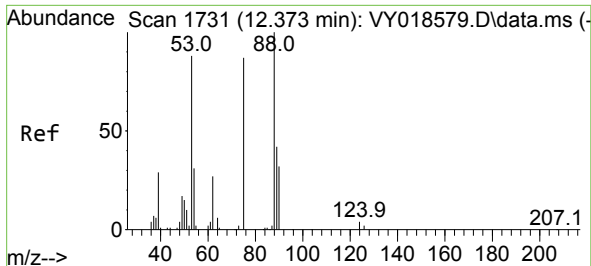
Tgt Ion:152 Resp: 807
 Ion Ratio Lower Upper
 152 100
 115 37.5 28.2 84.7
 150 159.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 95.641 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY018678.D
 Acq: 24 Jun 2024 16:29

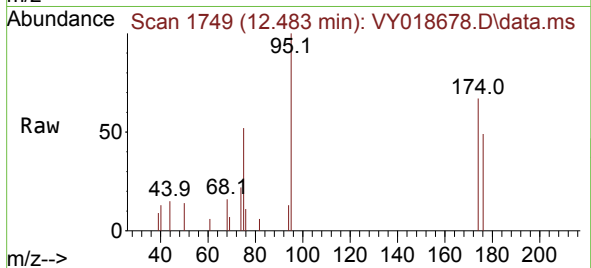
Tgt Ion: 75 Resp: 724
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



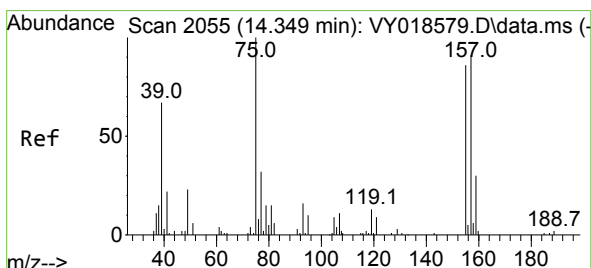
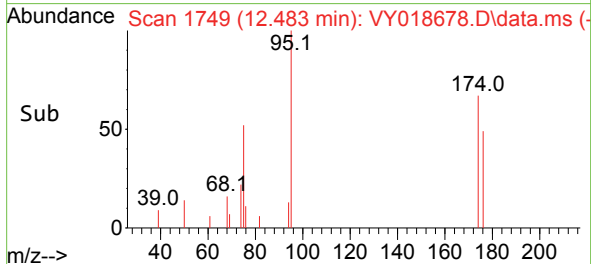
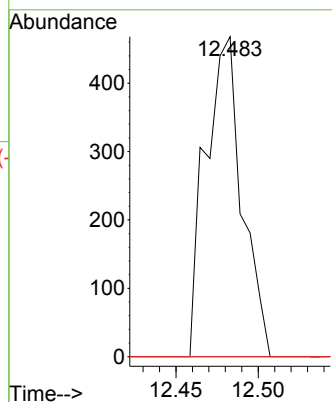


#81
trans-1,4-Dichloro-2-butene
Concen: 250.519 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 724
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 12.540 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.012 min
Lab File: VY018678.D
Acq: 24 Jun 2024 16:29

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

