

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018063.D
 Acq On : 26 Apr 2024 15:29
 Operator : SY/MD
 Sample : P2274-03
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 01:09:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

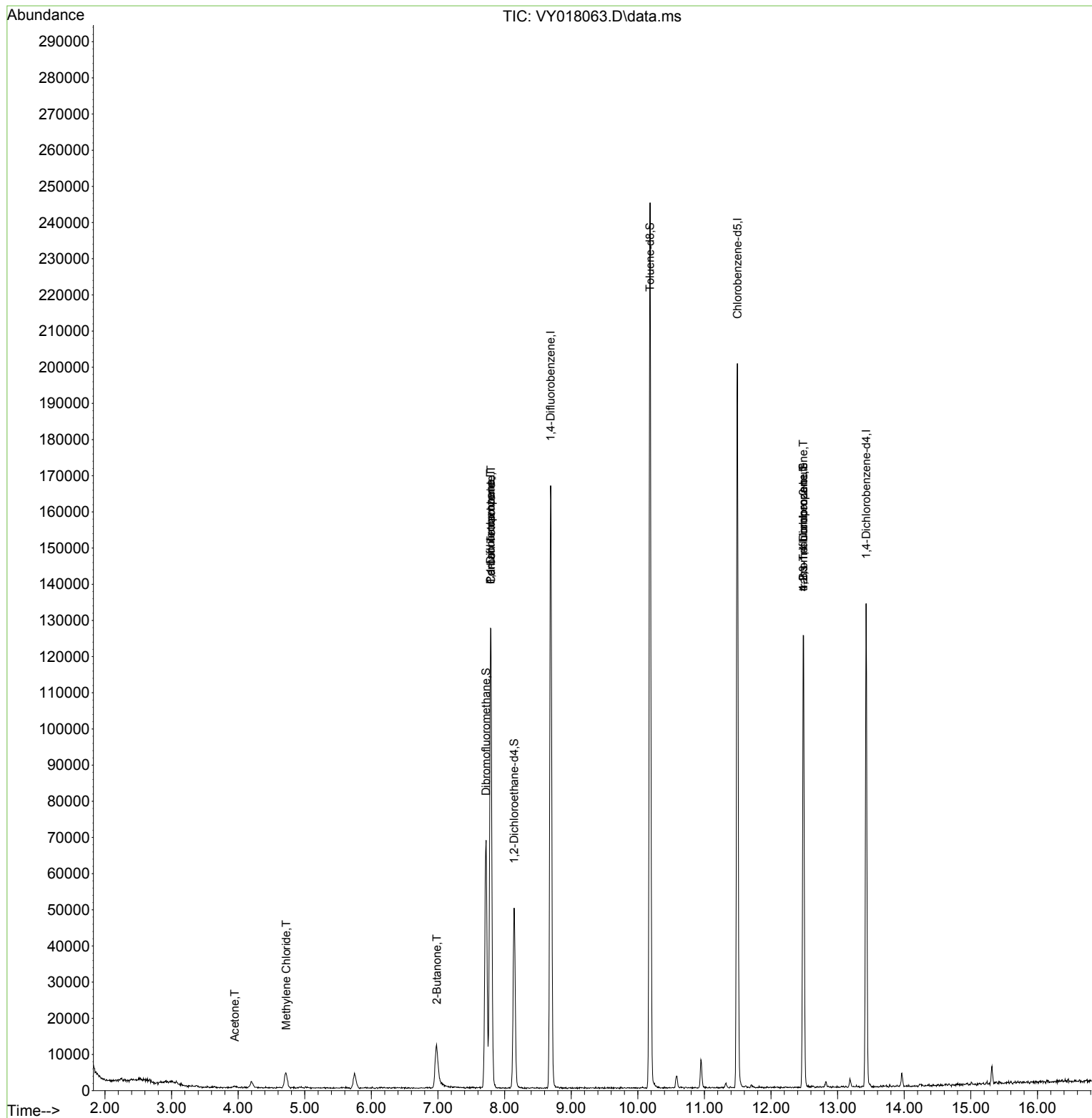
Internal Standards						
1) Pentafluorobenzene	7.789	168	112719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	122827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38070	39.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.060%
35) Dibromofluoromethane	7.722	113	50374	51.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.440%
50) Toluene-d8	10.185	98	173525	46.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.483	95	36302	31.409	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	159	Below Cal	#	88
16) Acetone	3.948	43	909	4.716	ug/l #	64
20) Methylene Chloride	4.722	84	3582	2.743	ug/l #	88
25) 2-Butanone	6.984	43	463	1.634	ug/l #	41
36) 1,1-Dichloropropene	7.789	75	7394	5.170	ug/l #	48
38) Carbon Tetrachloride	7.795	117	9714	6.722	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	17648	47.250	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17648	97.420	ug/l #	16

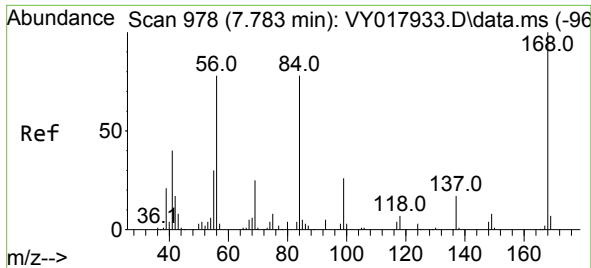
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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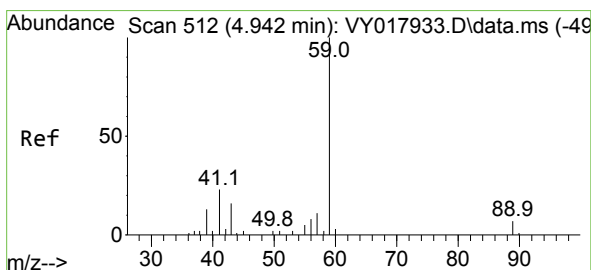
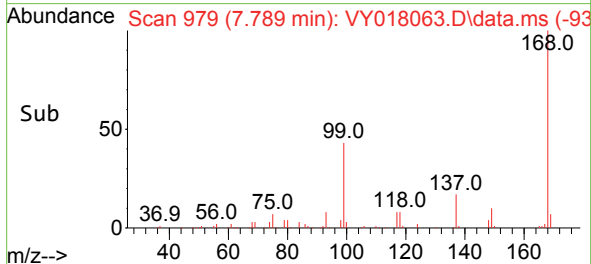
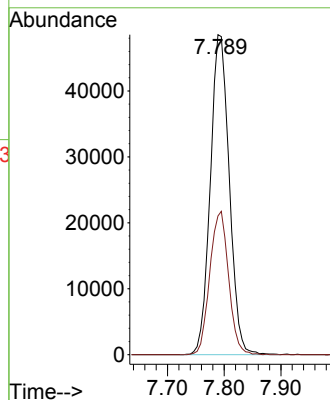
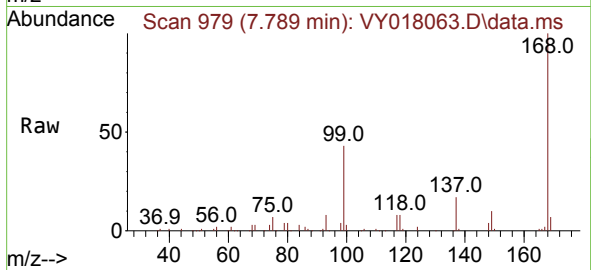




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

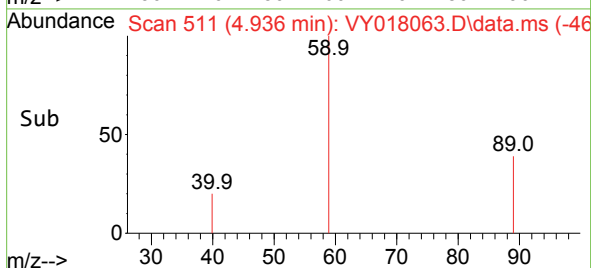
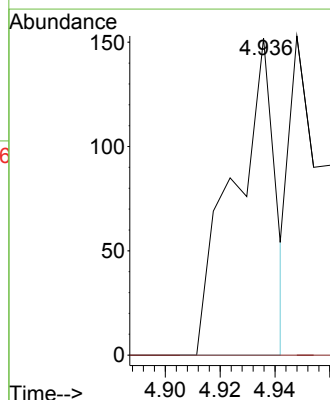
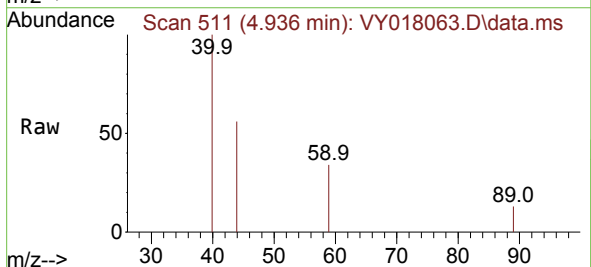
Instrument :
MSVOA_Y
ClientSampleId :

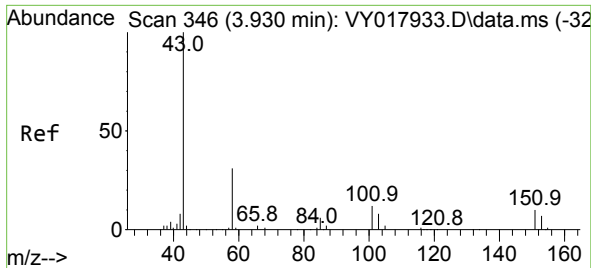
Tgt Ion:168 Resp: 112719
Ion Ratio Lower Upper
168 100
99 43.3 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.716 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

Instrument :

MSVOA_Y

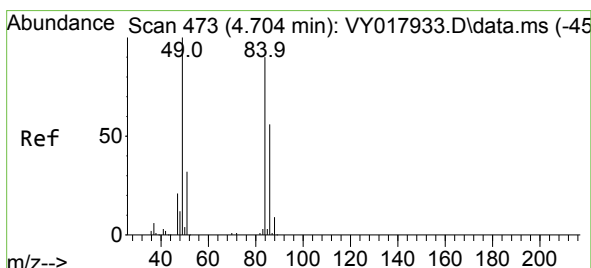
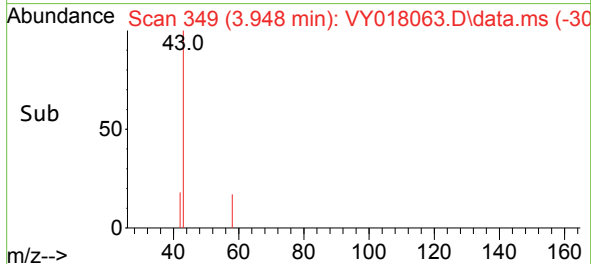
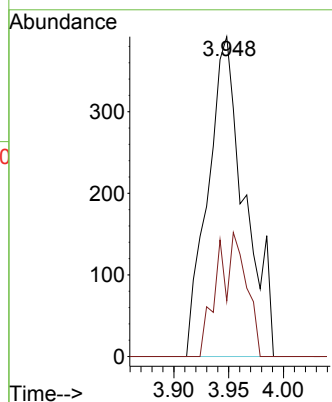
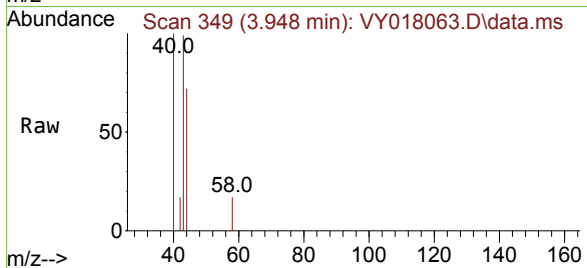
ClientSampleId :

Tgt Ion: 43 Resp: 909

Ion Ratio Lower Upper

43 100

58 17.3 31.7 47.5#



#20

Methylene Chloride

Concen: 2.743 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

Tgt Ion: 84 Resp: 3582

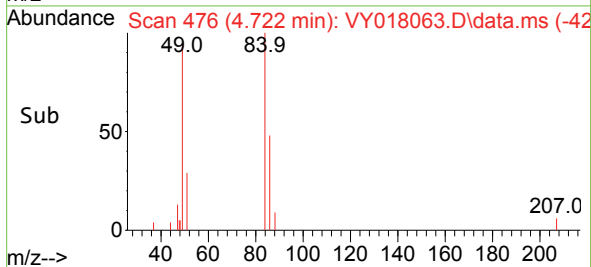
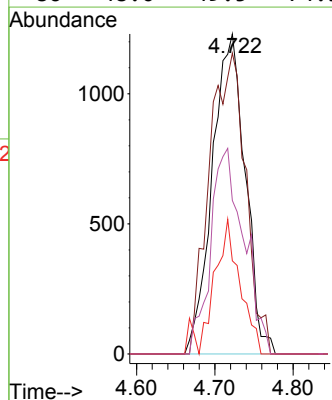
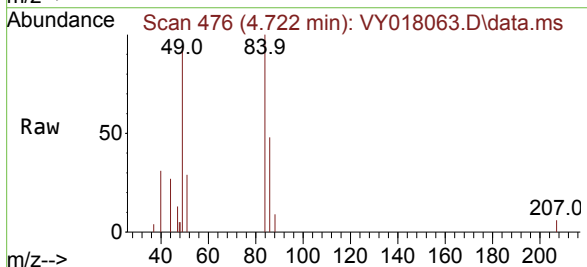
Ion Ratio Lower Upper

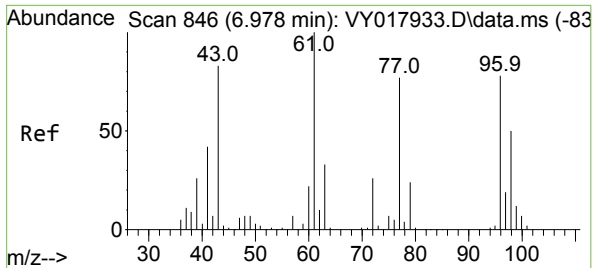
84 100

49 94.0 84.4 126.6

51 29.1 26.0 39.0

86 48.0 49.5 74.3#

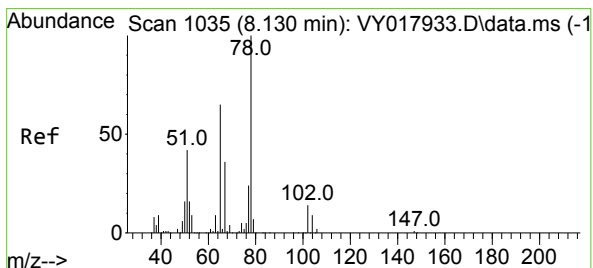
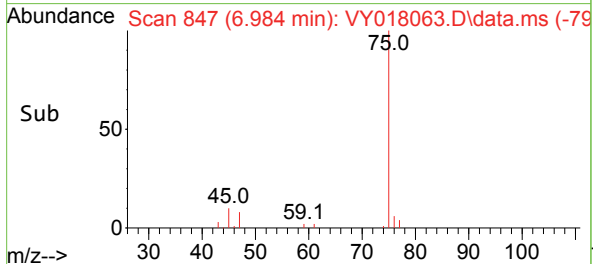
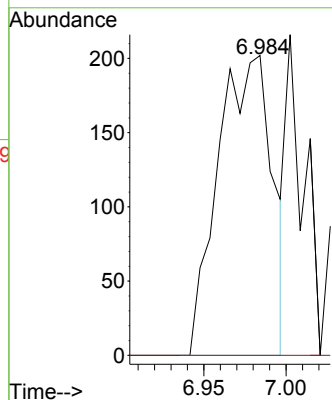
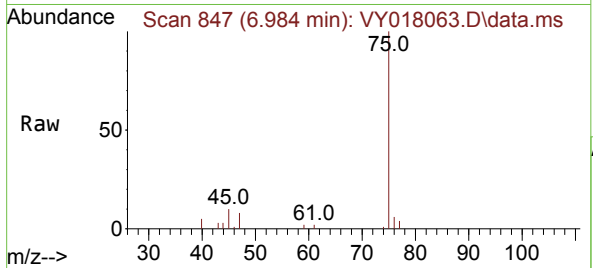




#25
2-Butanone
Concen: 1.634 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

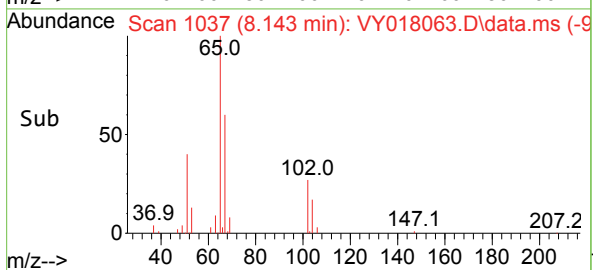
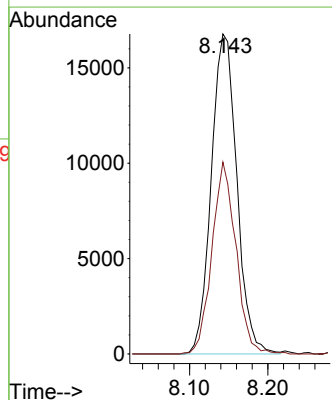
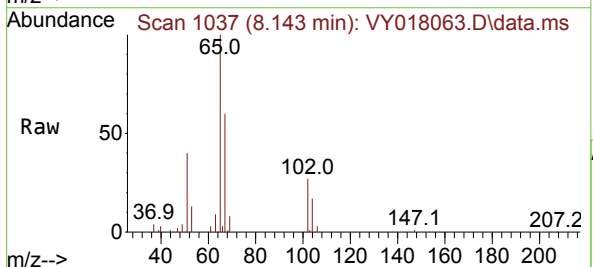
Instrument :
MSVOA_Y
ClientSampleId :

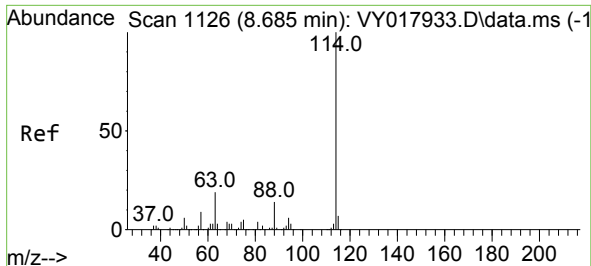
Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 39.029 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

Tgt Ion: 65 Resp: 38070
Ion Ratio Lower Upper
65 100
67 56.3 0.0 109.6

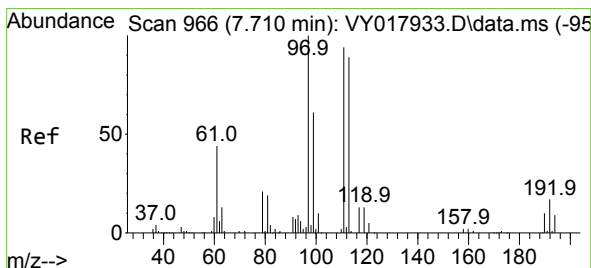
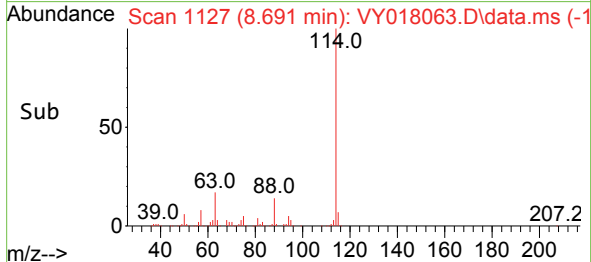
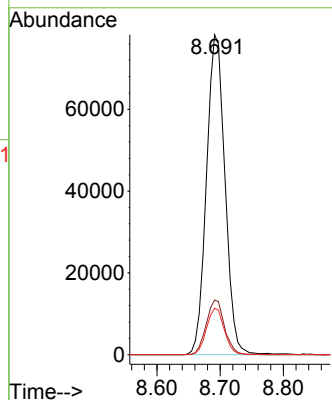
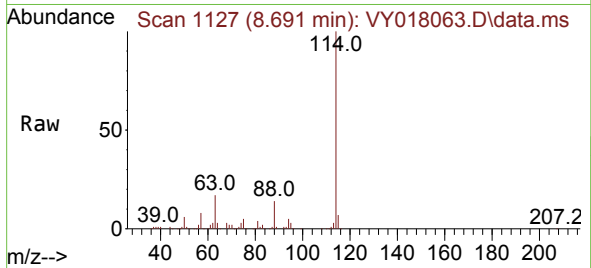




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

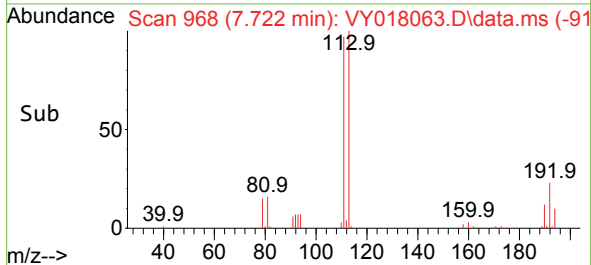
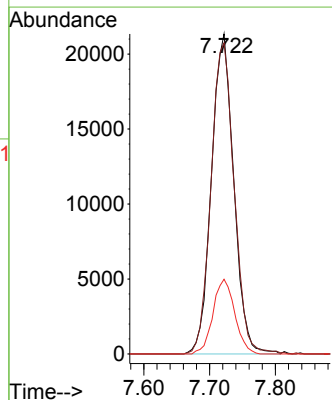
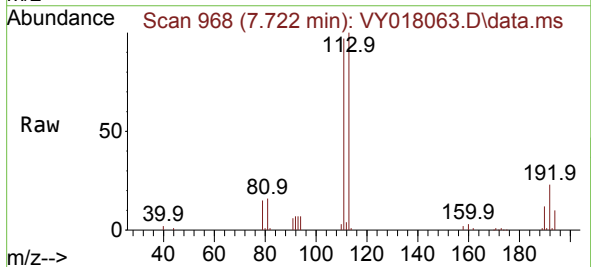
Instrument :
MSVOA_Y
ClientSampleId :

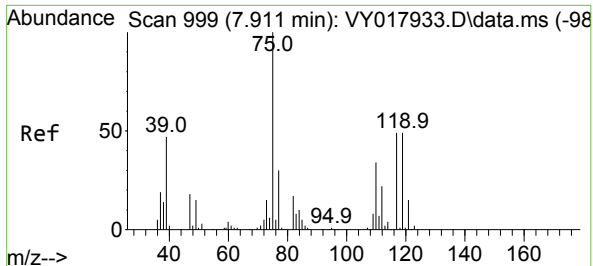
Tgt Ion:114 Resp: 159416
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.219 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

Tgt Ion:113 Resp: 50374
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 22.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.170 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

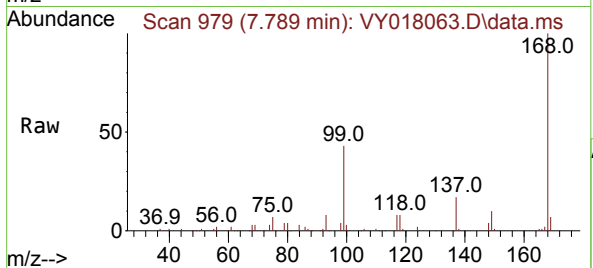
Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

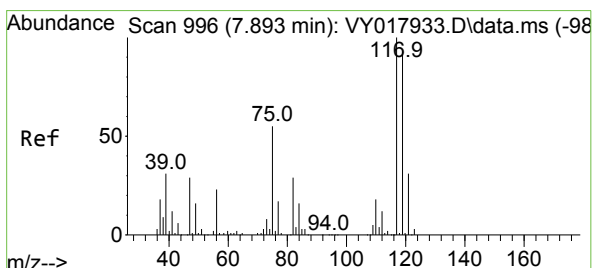
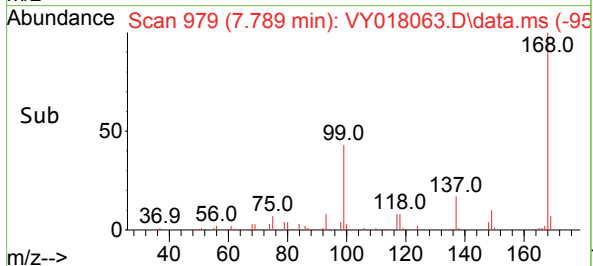
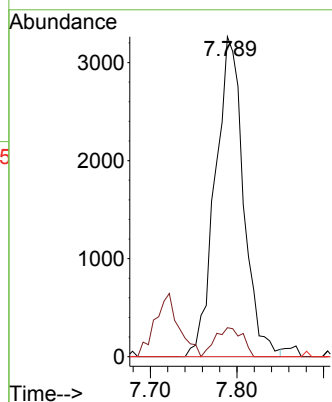
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 7394
Ion Ratio	Lower Upper
75	100
110	8.8 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.722 ug/l

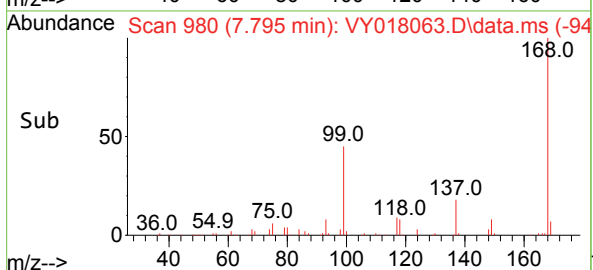
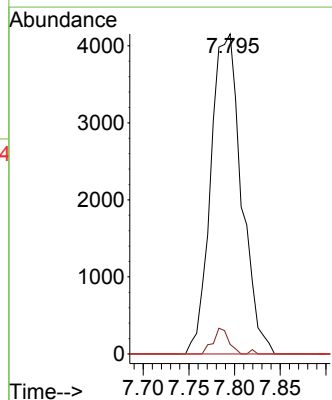
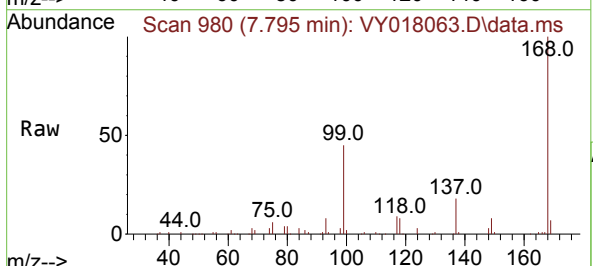
RT: 7.795 min Scan# 980

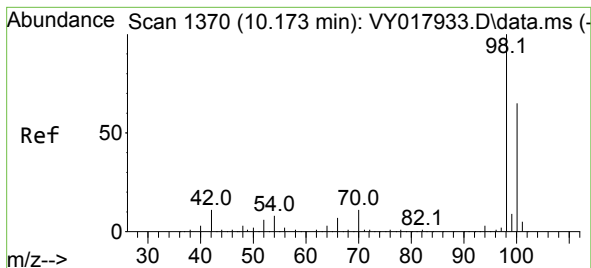
Delta R.T. -0.110 min

Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

Tgt Ion: 117	Resp: 9714
Ion Ratio	Lower Upper
117	100
119	3.0 75.8 113.6#
121	0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.498 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

Instrument :

MSVOA_Y

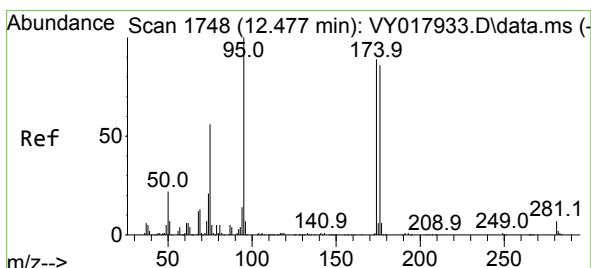
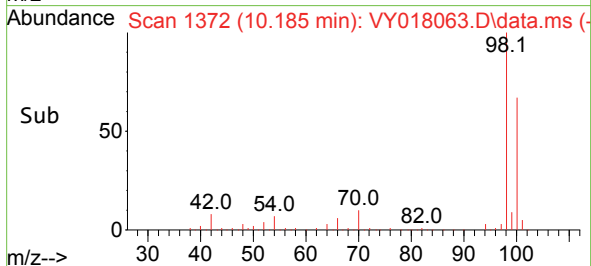
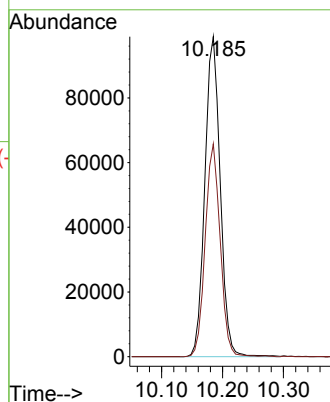
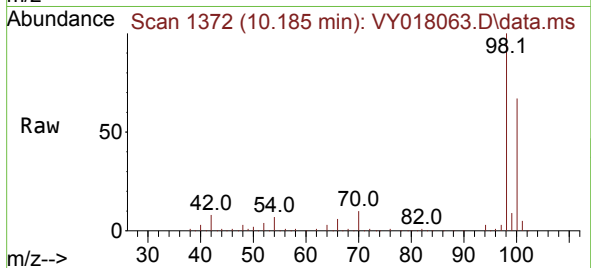
ClientSampleId :

Tgt Ion: 98 Resp: 173525

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.409 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018063.D

Acq: 26 Apr 2024 15:29

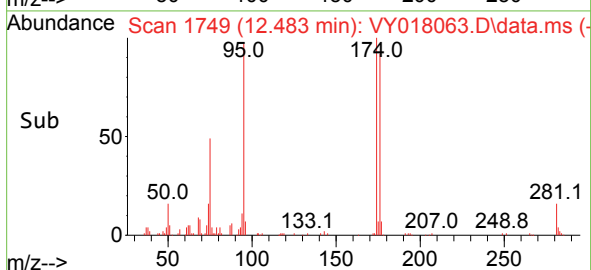
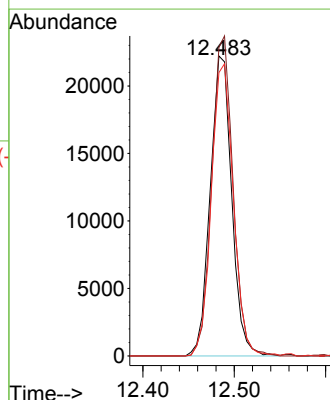
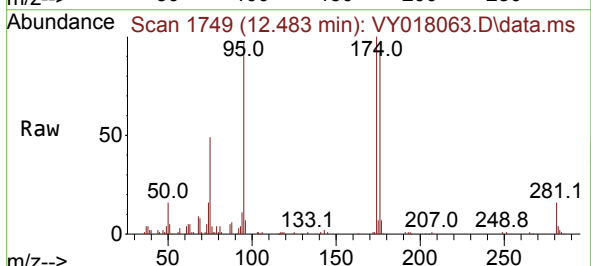
Tgt Ion: 95 Resp: 36302

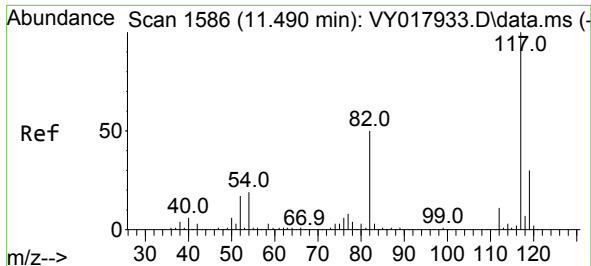
Ion Ratio Lower Upper

95 100

174 105.8 0.0 175.6

176 99.7 0.0 171.4

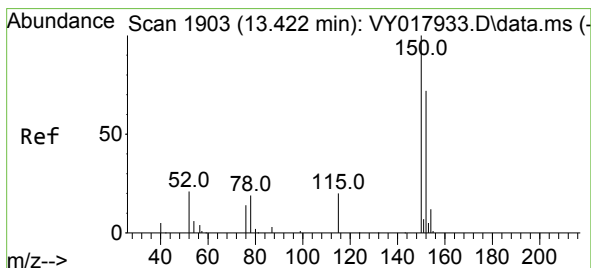
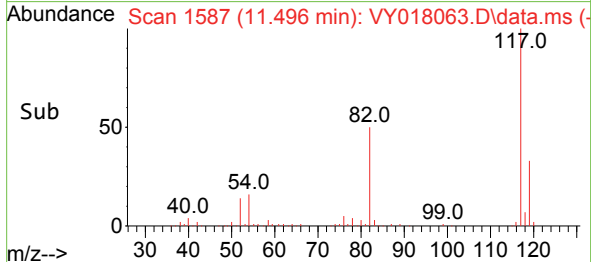
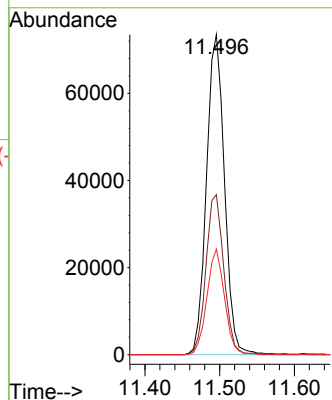
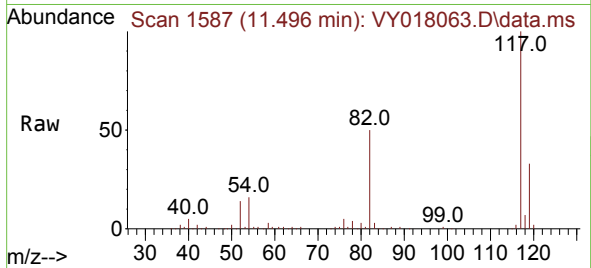




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

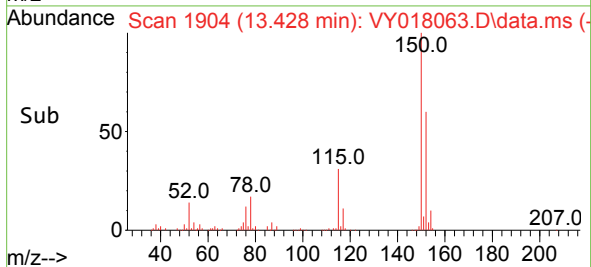
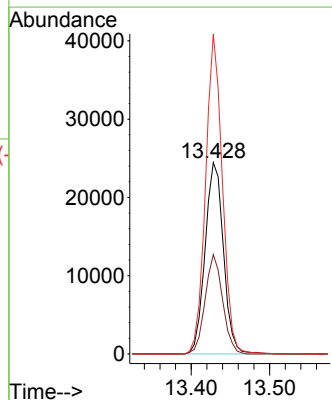
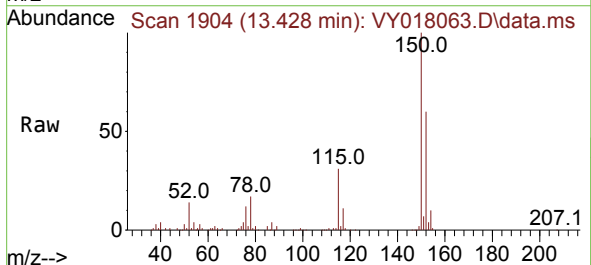
Instrument :
MSVOA_Y
ClientSampleId :

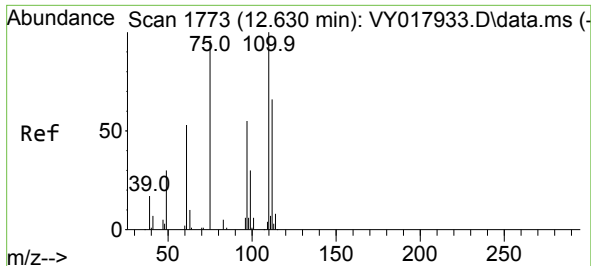
Tgt Ion:117 Resp: 122827
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

Tgt Ion:152 Resp: 39803
Ion Ratio Lower Upper
152 100
115 49.4 28.2 84.7
150 152.5 0.0 345.6

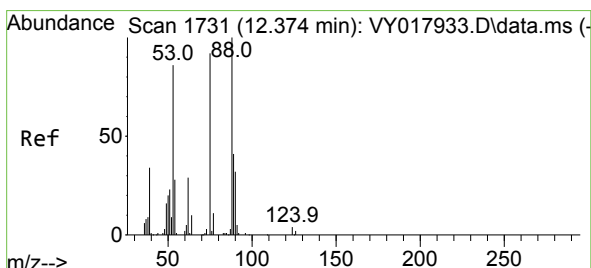
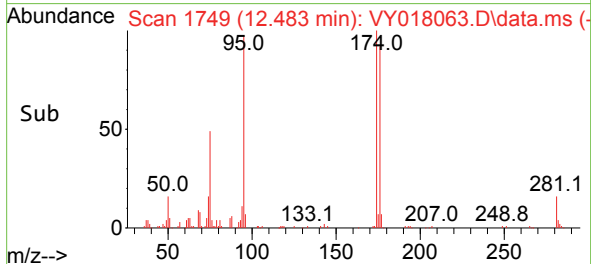
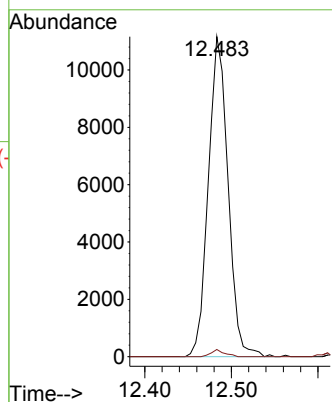
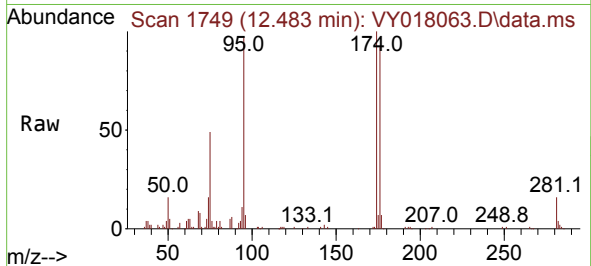




#76
1,2,3-Trichloropropane
Concen: 47.250 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 17648
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.420 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018063.D
Acq: 26 Apr 2024 15:29

Tgt Ion: 75 Resp: 17648
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

