

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018003.D
 Acq On : 19 Apr 2024 16:58
 Operator : SY/MD
 Sample : P2194-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-041824

Quant Time: Apr 19 23:27:30 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)

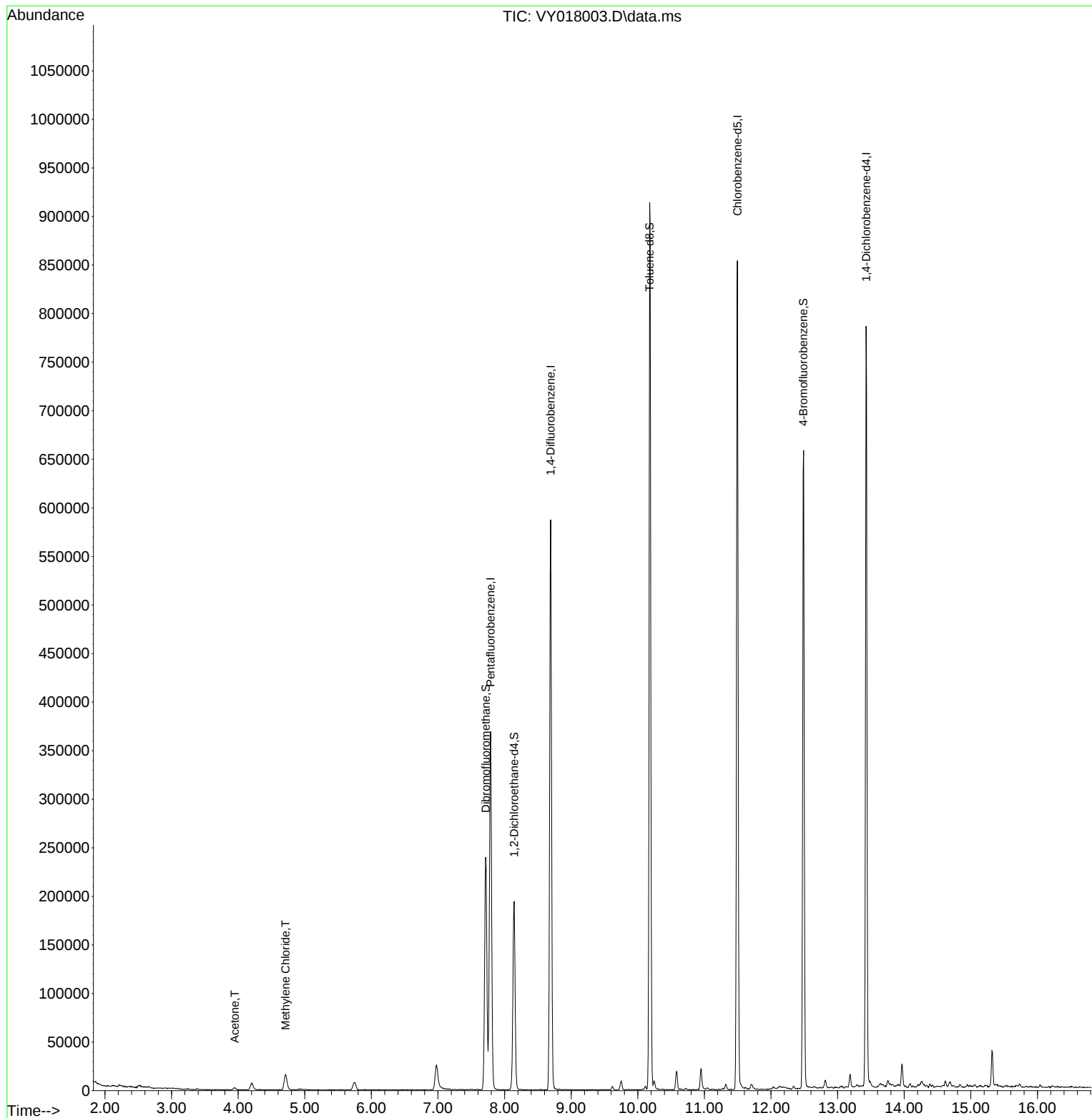
Internal Standards						
1) Pentafluorobenzene	7.789	168	318957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	544009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	514639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	221141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	147574	53.466	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 106.940%		
35) Dibromofluoromethane	7.716	113	174370	51.955	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 103.900%		
50) Toluene-d8	10.179	98	627723	49.291	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 98.580%		
62) 4-Bromofluorobenzene	12.483	95	192487	48.804	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 97.600%		
Target Compounds						
16) Acetone	3.948	43	3933	7.212	ug/l #	79
20) Methylene Chloride	4.710	84	13356	3.615	ug/l #	86

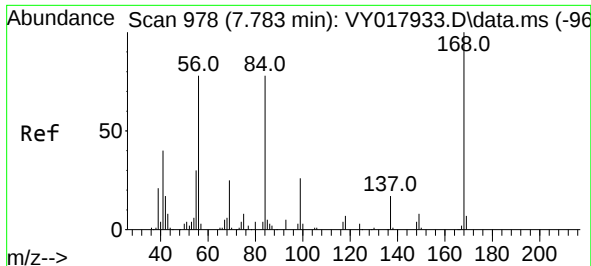
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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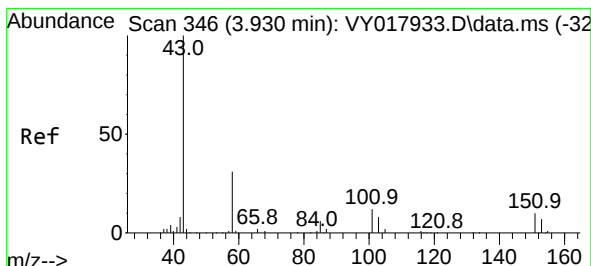
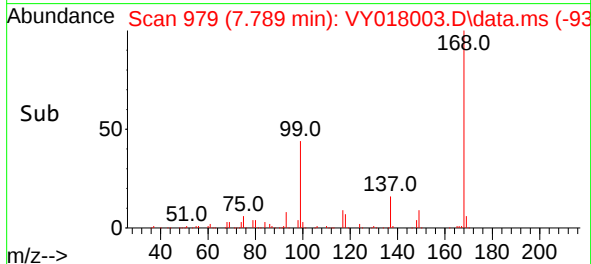
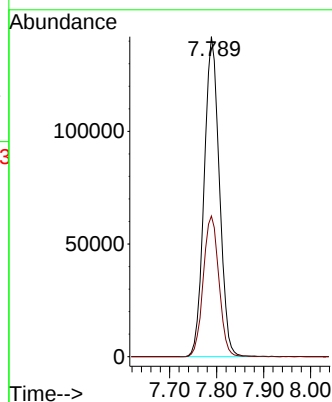
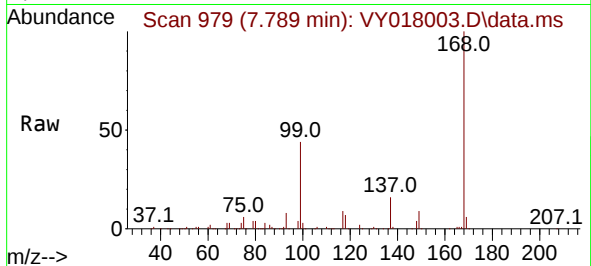




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

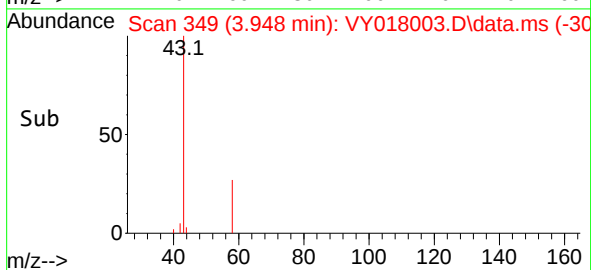
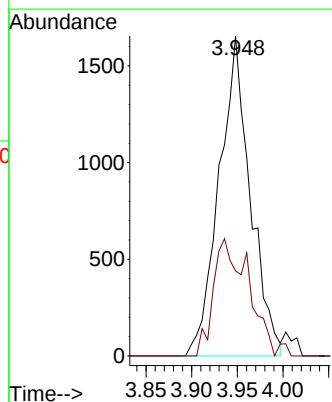
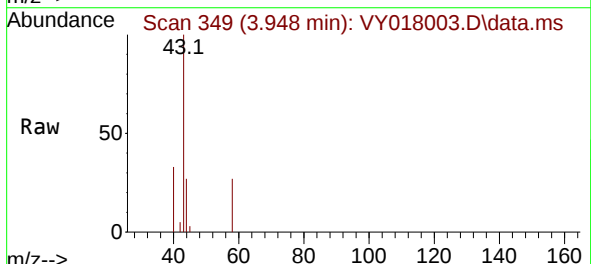
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-041824

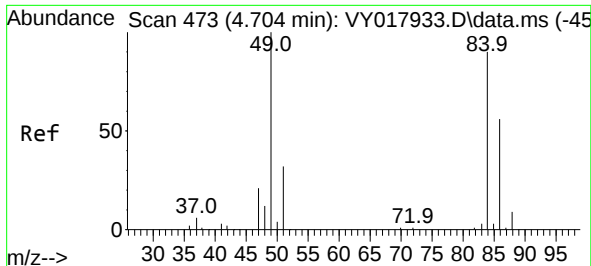
Tgt Ion:168 Resp: 318957
Ion Ratio Lower Upper
168 100
99 44.0 39.1 58.7



#16
Acetone
Concen: 7.212 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

Tgt Ion: 43 Resp: 3933
Ion Ratio Lower Upper
43 100
58 26.5 31.7 47.5#

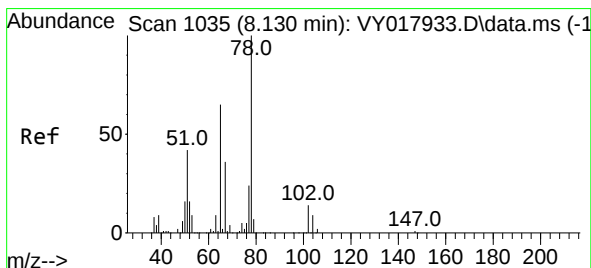
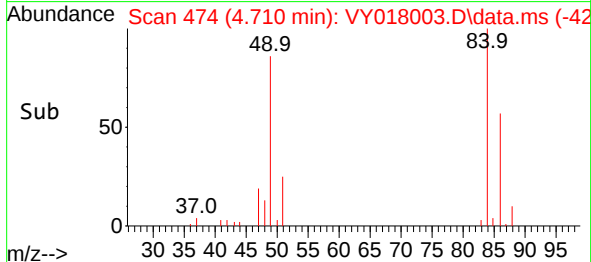
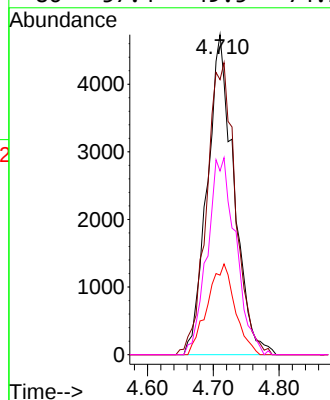
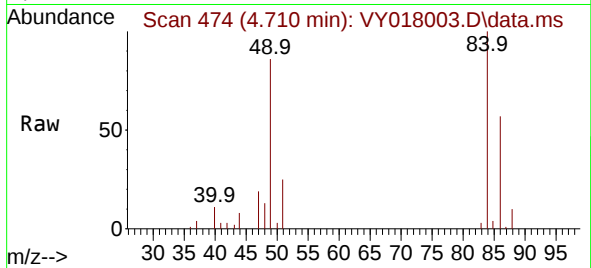




#20
Methylene Chloride
Concen: 3.615 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

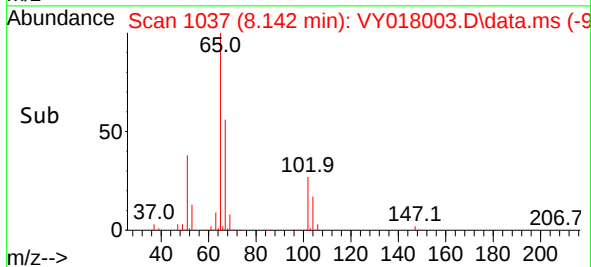
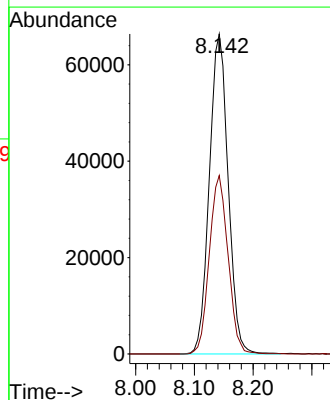
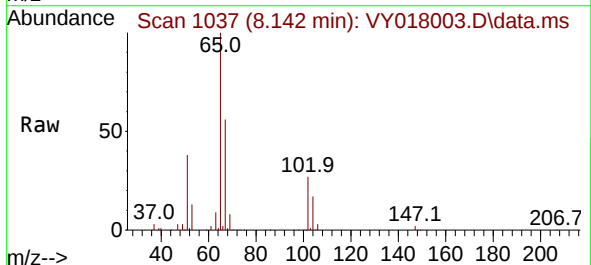
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-041824

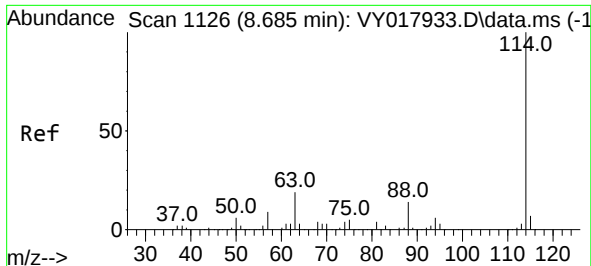
Tgt Ion:	84	Resp:	13356
Ion	Ratio	Lower	Upper
84	100		
49	85.9	84.4	126.6
51	24.9	26.0	39.0#
86	57.4	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 53.466 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

Tgt Ion:	65	Resp:	147574
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018003.D

Acq: 19 Apr 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-041824

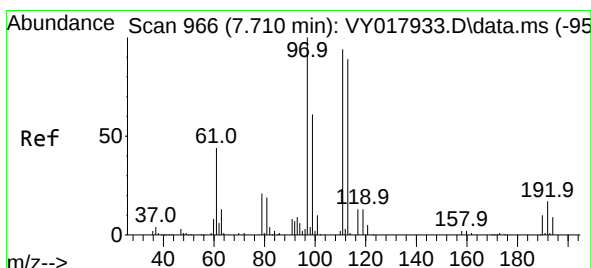
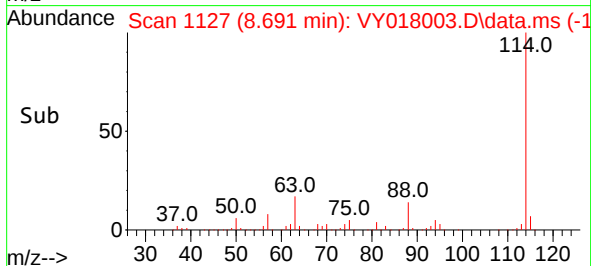
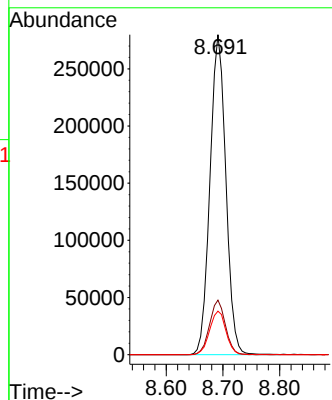
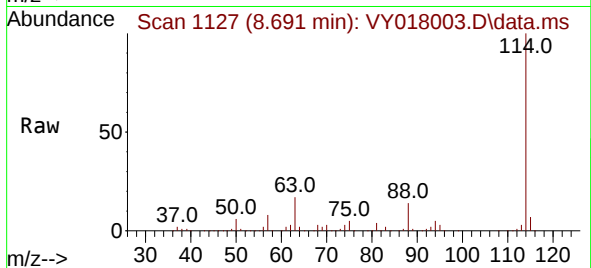
Tgt Ion:114 Resp: 544009

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.955 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018003.D

Acq: 19 Apr 2024 16:58

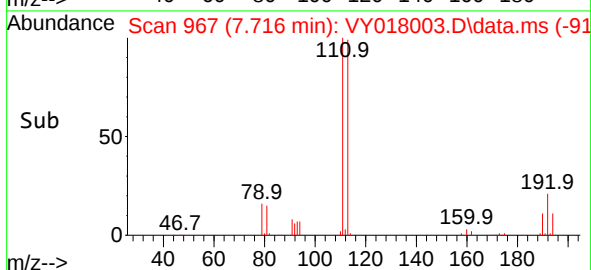
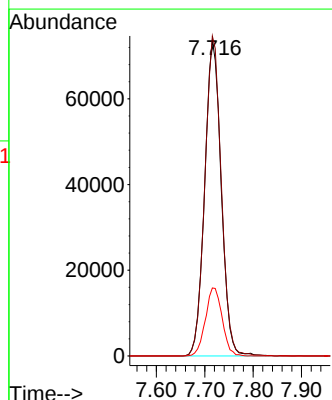
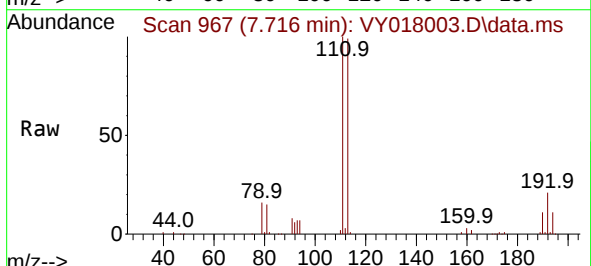
Tgt Ion:113 Resp: 174370

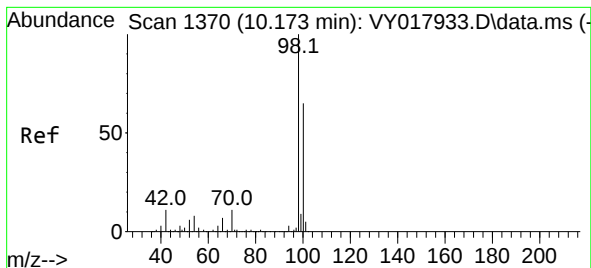
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 21.9 15.9 23.9





#50

Toluene-d8

Concen: 49.291 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018003.D

Acq: 19 Apr 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

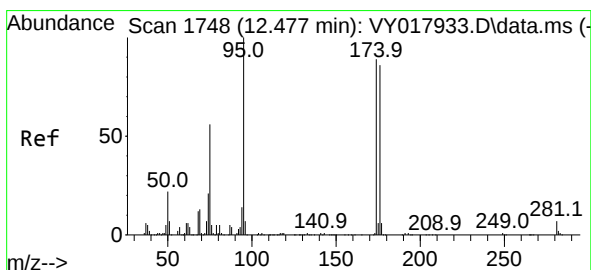
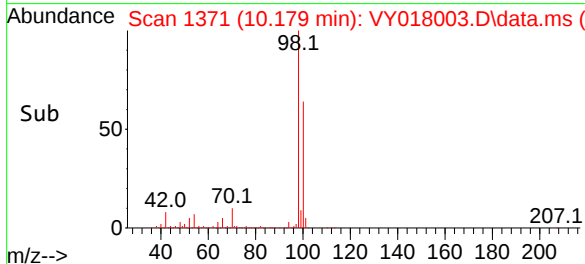
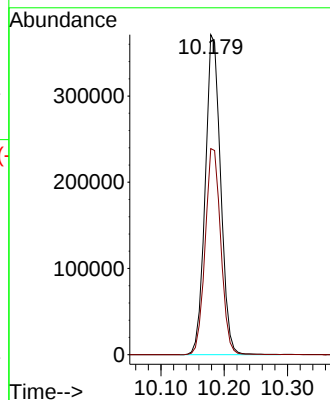
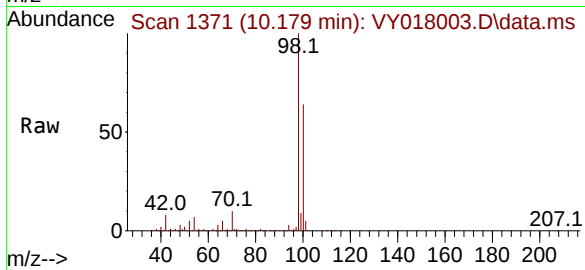
CL-01-041824

Tgt Ion: 98 Resp: 627723

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.804 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018003.D

Acq: 19 Apr 2024 16:58

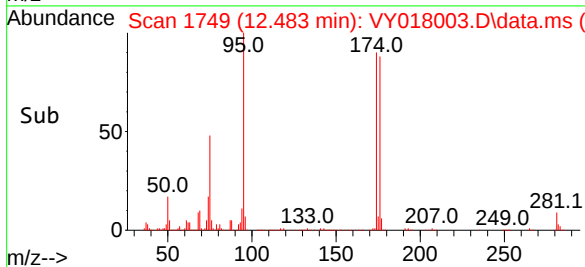
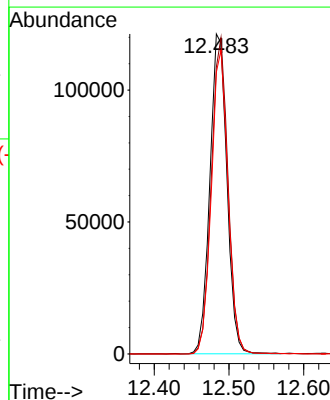
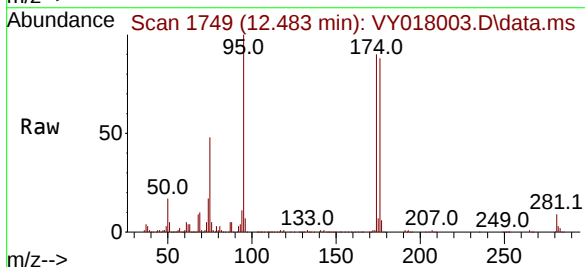
Tgt Ion: 95 Resp: 192487

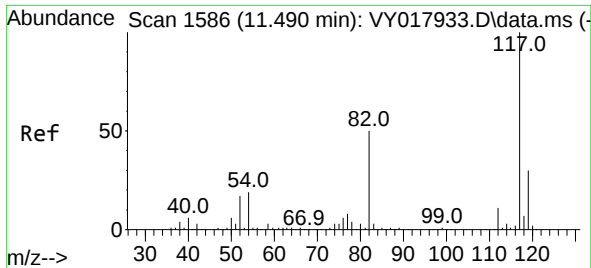
Ion Ratio Lower Upper

95 100

174 97.2 0.0 175.6

176 93.0 0.0 171.4

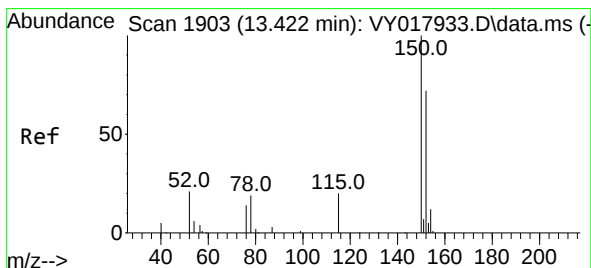
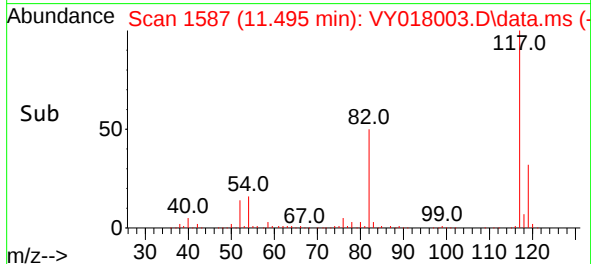
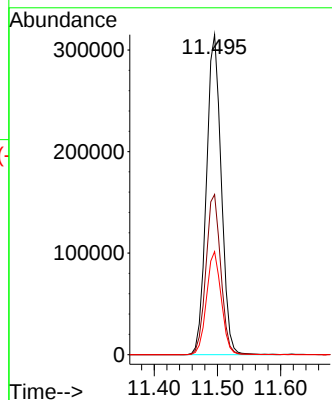
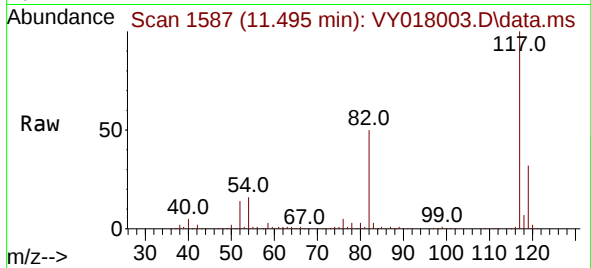




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018003.D
Acq: 19 Apr 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-041824

Tgt Ion:117 Resp: 514639
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 32.2 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: VY018003.D
Acq: 19 Apr 2024 16:58

Tgt Ion:152 Resp: 221141
Ion Ratio Lower Upper
152 100
115 52.3 28.2 84.7
150 156.0 0.0 345.6

