

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY018002.D
 Acq On : 19 Apr 2024 16:34
 Operator : SY/MD
 Sample : P2195-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-041824

Quant Time: Apr 19 23:26:28 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)

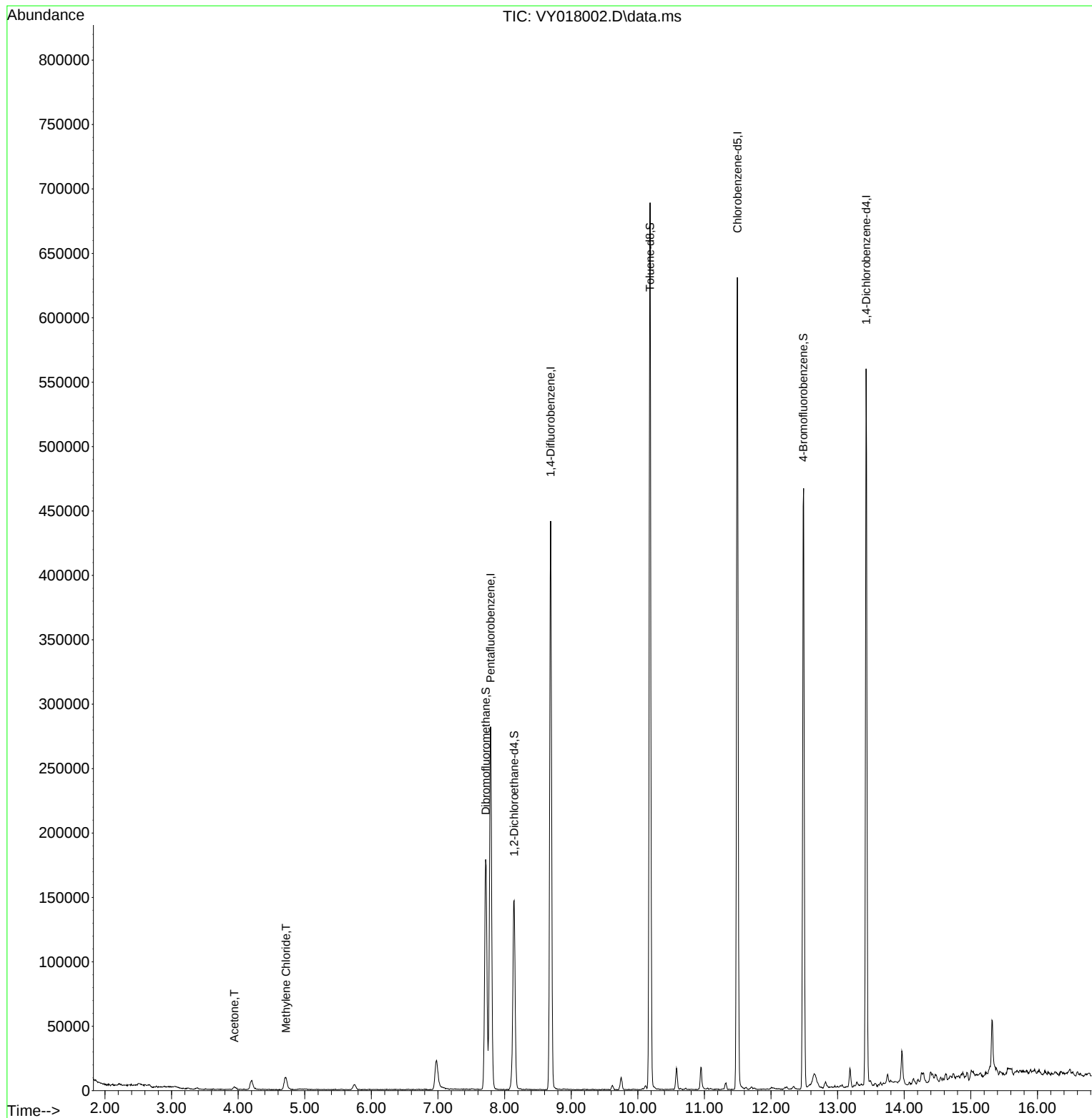
Internal Standards						
1) Pentafluorobenzene	7.789	168	245557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	411090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	377822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	158428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110231	51.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.740%	
35) Dibromofluoromethane	7.716	113	132119	52.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.180%	
50) Toluene-d8	10.185	98	468953	48.730	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	12.483	95	134205	45.029	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.060%	
Target Compounds						Qvalue
16) Acetone	3.942	43	3559	8.476	ug/l	99
20) Methylene Chloride	4.716	84	8172	2.873	ug/l	96

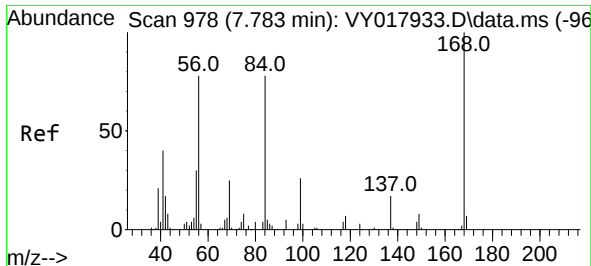
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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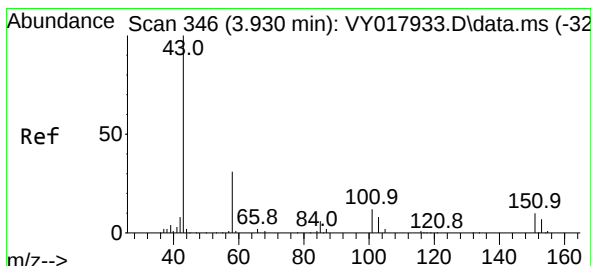
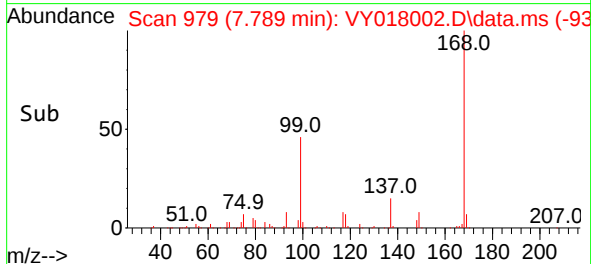
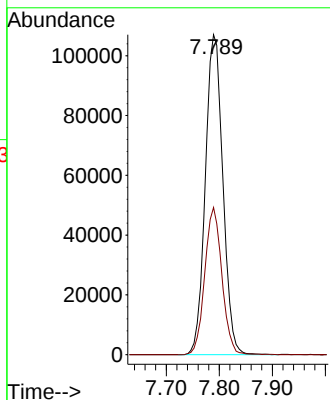
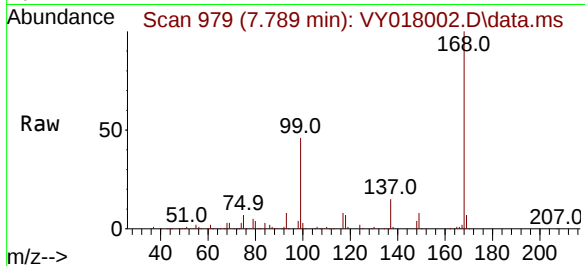




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

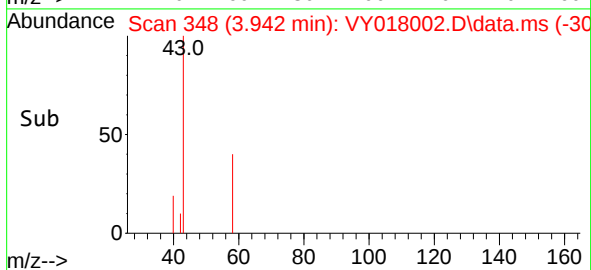
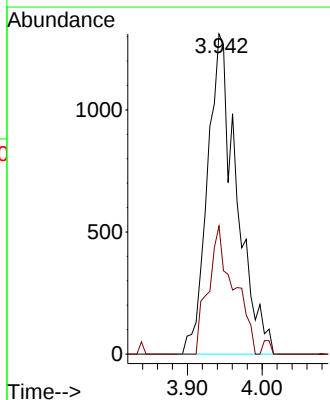
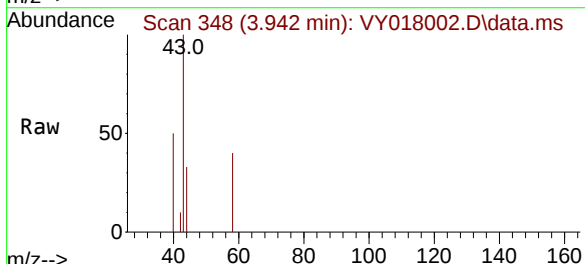
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-041824

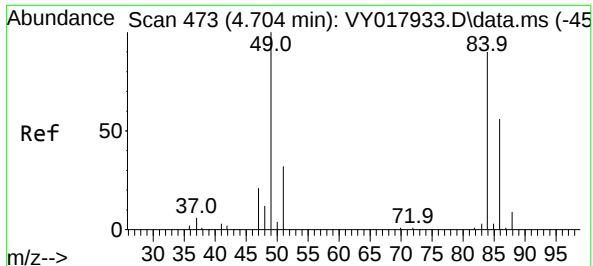
Tgt Ion:168 Resp: 245557
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#16
Acetone
Concen: 8.476 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion: 43 Resp: 3559
Ion Ratio Lower Upper
43 100
58 40.0 31.7 47.5





#20

Methylene Chloride

Concen: 2.873 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018002.D

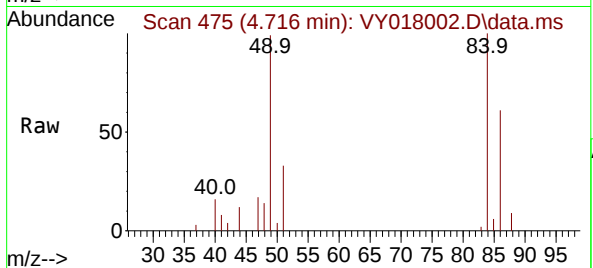
Acq: 19 Apr 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-041824



Tgt Ion: 84 Resp: 8172

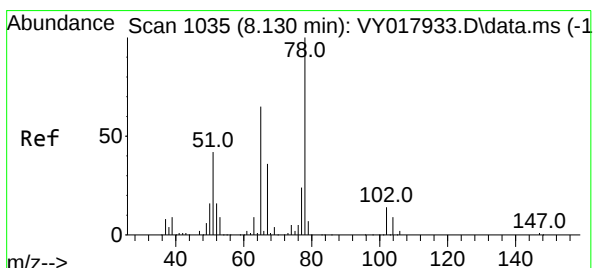
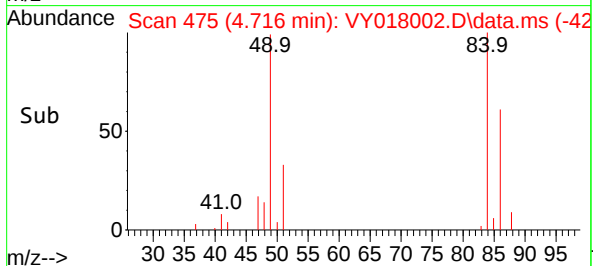
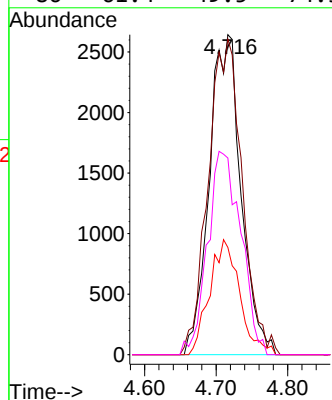
Ion Ratio Lower Upper

84 100

49 98.7 84.4 126.6

51 33.5 26.0 39.0

86 61.4 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 51.874 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY018002.D

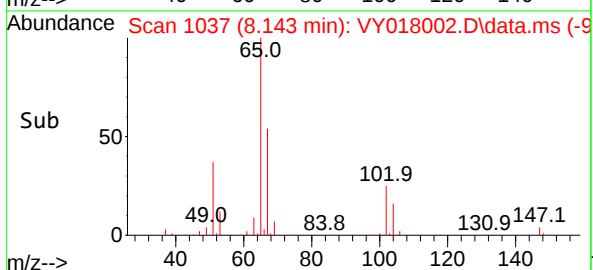
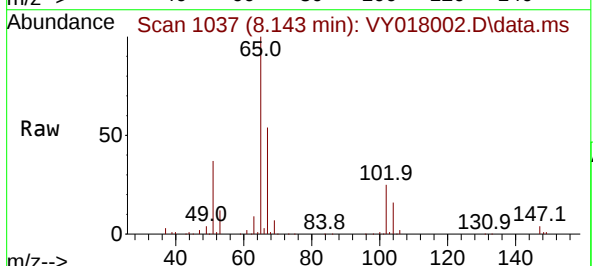
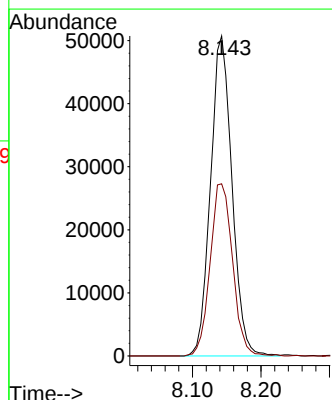
Acq: 19 Apr 2024 16:34

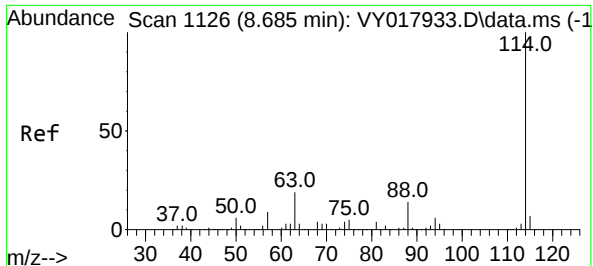
Tgt Ion: 65 Resp: 110231

Ion Ratio Lower Upper

65 100

67 56.4 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: VY018002.D

Acq: 19 Apr 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-041824

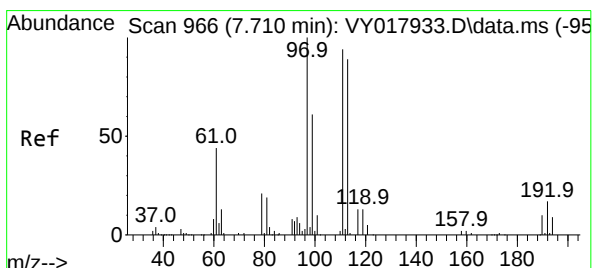
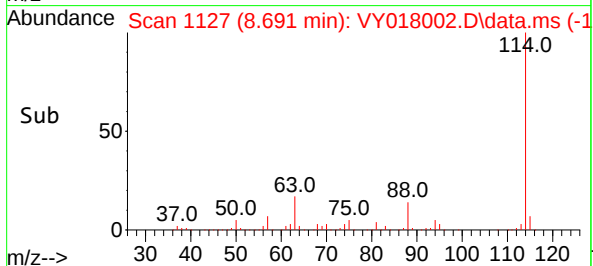
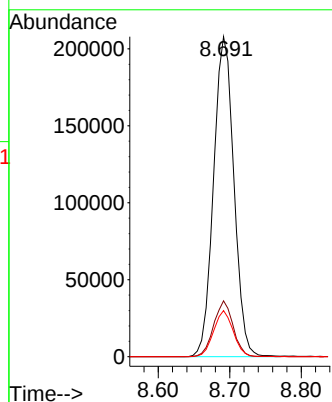
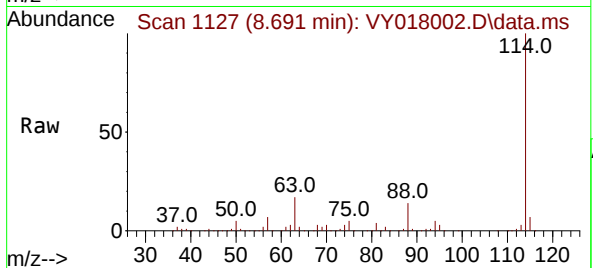
Tgt Ion:114 Resp: 411090

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.094 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018002.D

Acq: 19 Apr 2024 16:34

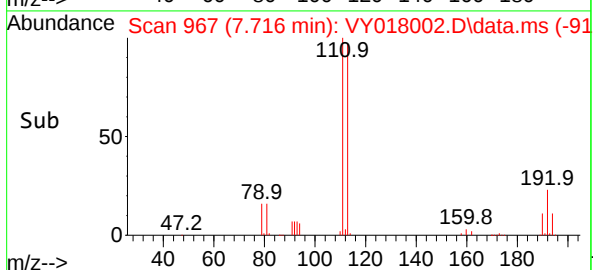
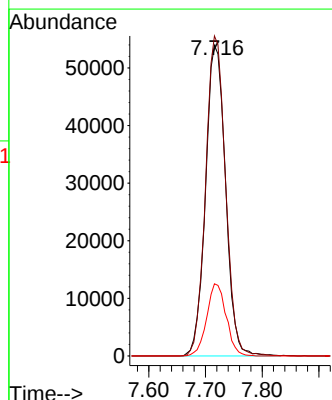
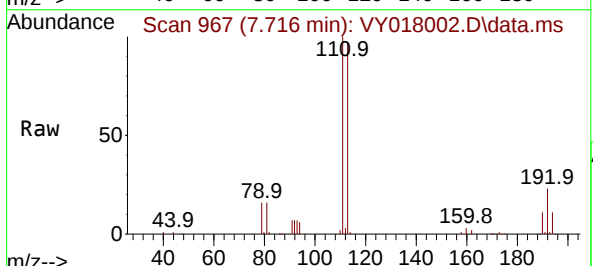
Tgt Ion:113 Resp: 132119

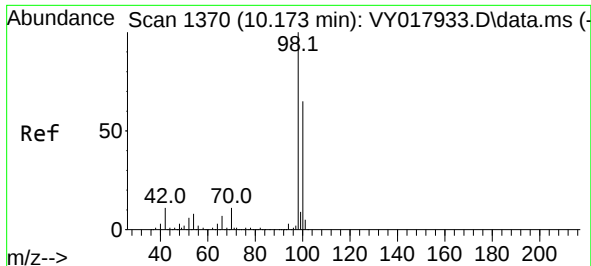
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 22.6 15.9 23.9

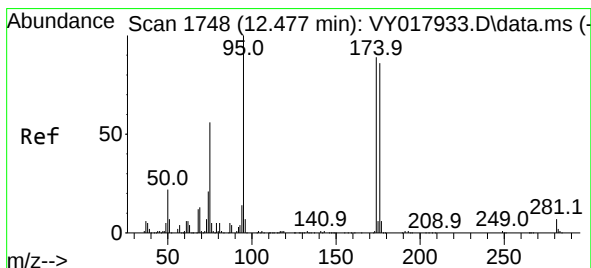
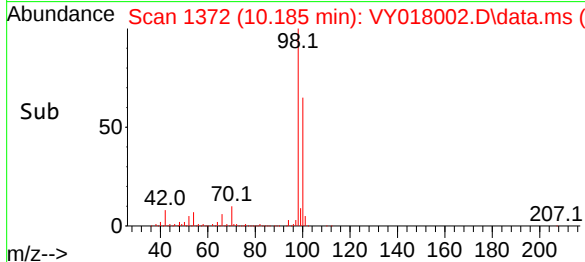
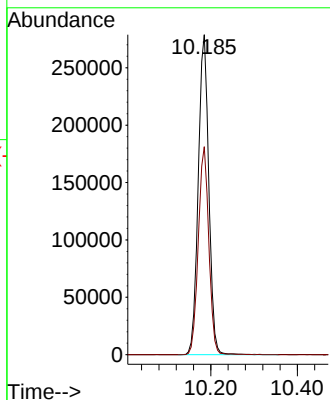
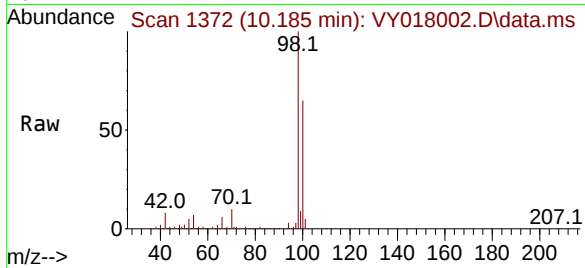




#50
Toluene-d8
Concen: 48.730 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

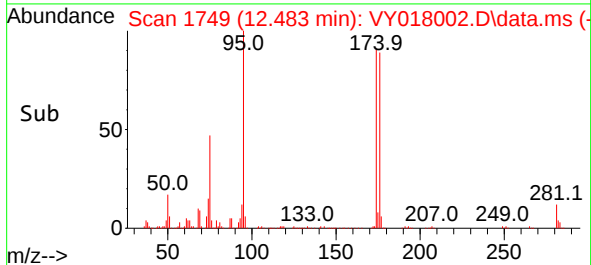
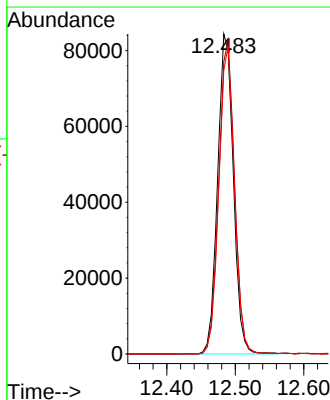
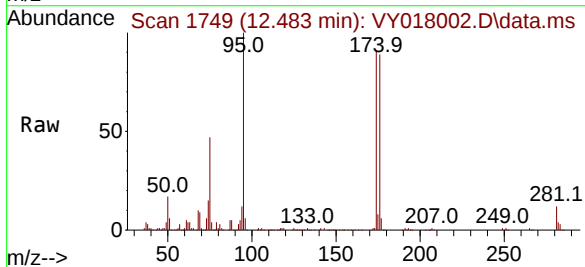
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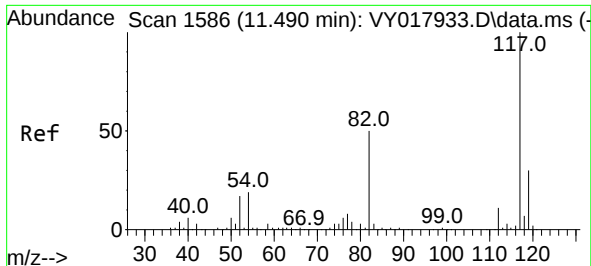
Tgt Ion: 98 Resp: 468953
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion: 95 Resp: 134205
Ion Ratio Lower Upper
95 100
174 98.3 0.0 175.6
176 95.1 0.0 171.4

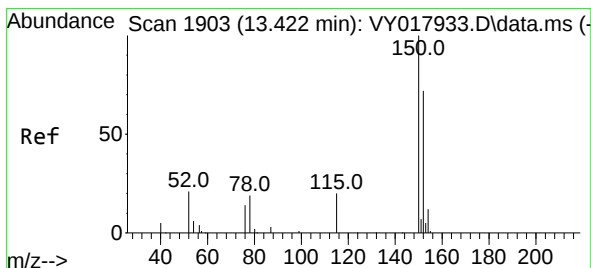
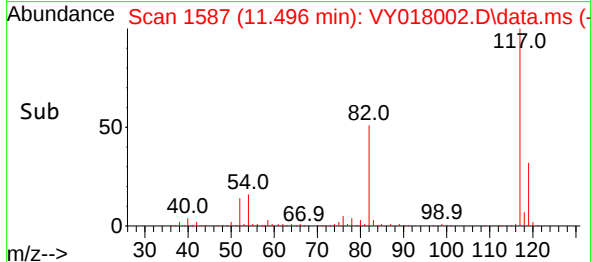
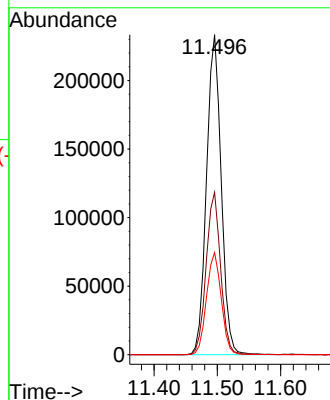
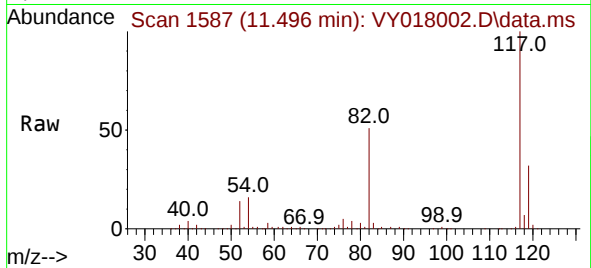




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018002.D
Acq: 19 Apr 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-041824

Tgt Ion:117 Resp: 377822
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.0 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: VY018002.D
Acq: 19 Apr 2024 16:34

Tgt Ion:152 Resp: 158428
Ion Ratio Lower Upper
152 100
115 52.5 28.2 84.7
150 154.4 0.0 345.6

