

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018160.D
 Acq On : 06 May 2024 13:47
 Operator : SY/MD
 Sample : P2386-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-050324-B

Quant Time: May 06 23:47:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

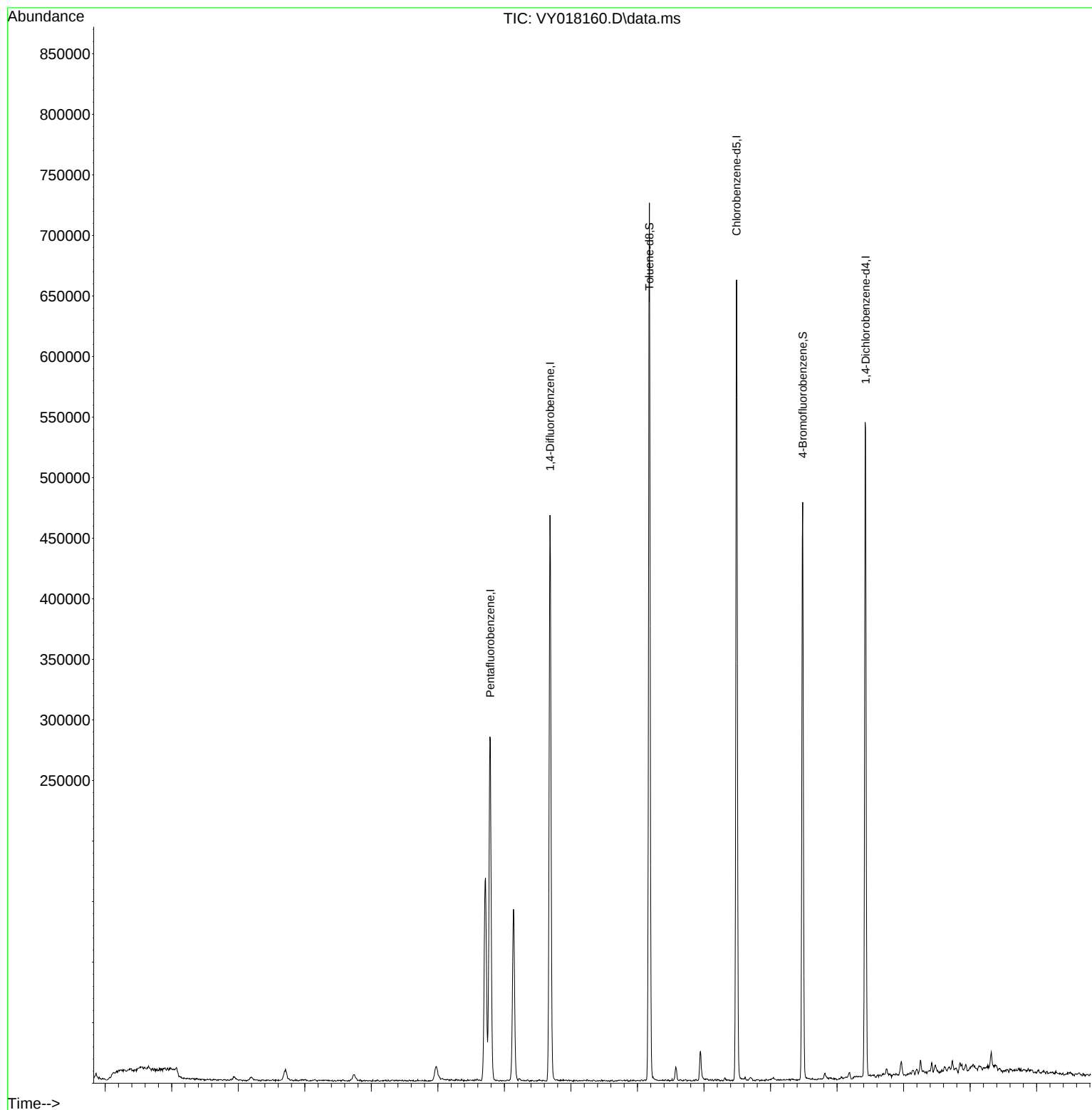
Internal Standards						
1) Pentafluorobenzene	7.789	168	234361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	101973	55.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.400%
35) Dibromofluoromethane	7.716	113	123252	49.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.179	98	475741	49.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.483	95	147414	44.408	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.820%
Target Compounds						
16) Acetone	3.936	43	4994	14.191	ug/l	Qvalue # 81

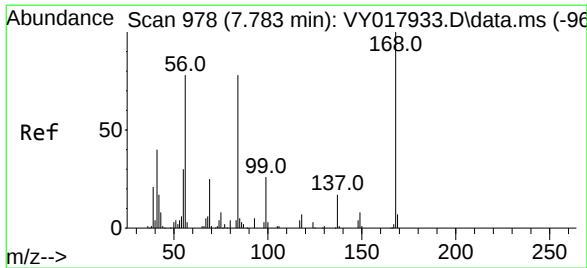
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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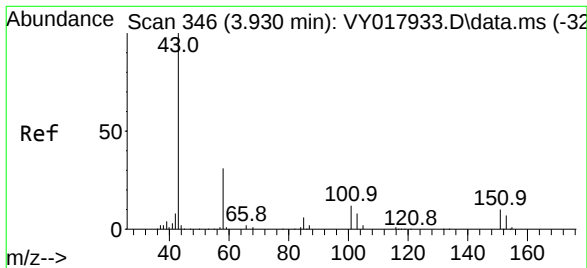
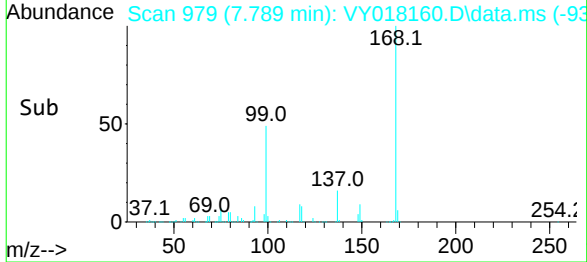
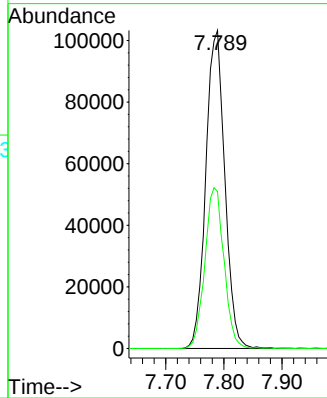
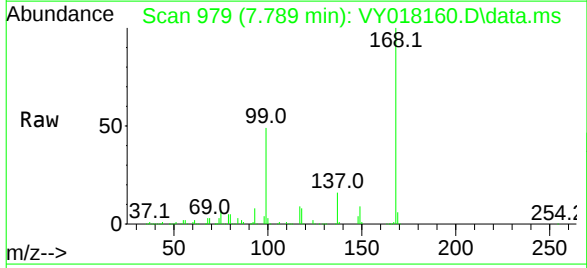




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 97
Delta R.T. 0.000 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

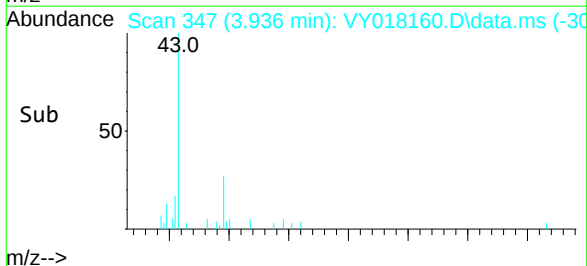
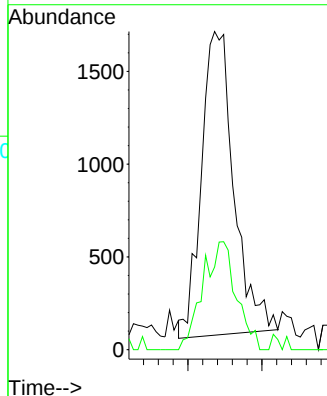
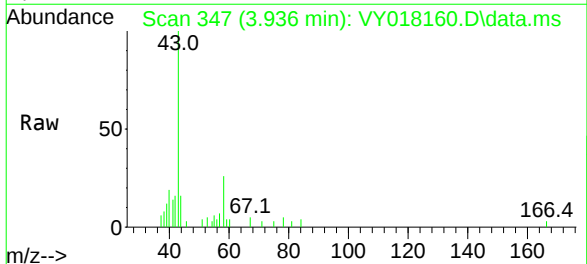
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050324-B

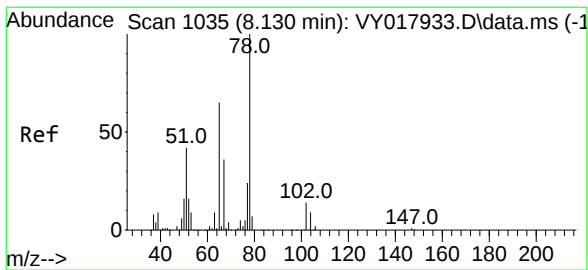
Tgt Ion:168 Resp: 234361
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#16
Acetone
Concen: 14.191 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

Tgt Ion: 43 Resp: 4994
Ion Ratio Lower Upper
43 100
58 27.8 31.7 47.5#

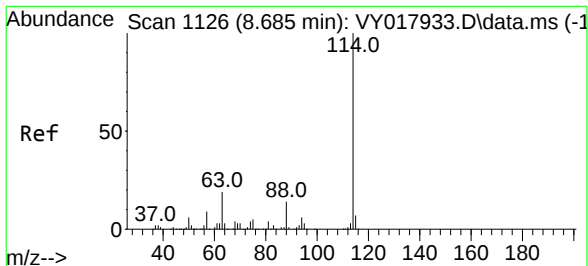
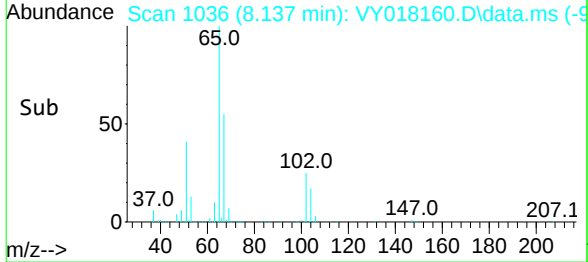
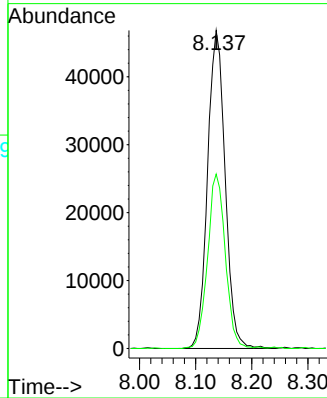
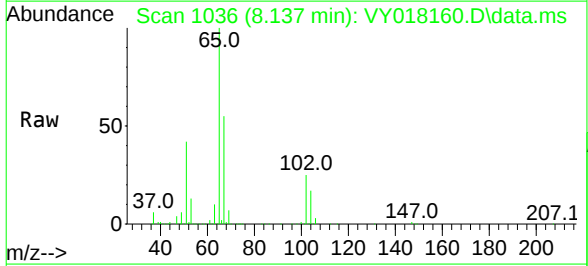




#33
1,2-Dichloroethane-d4
Concen: 55.201 ug/l
RT: 8.137 min Scan# 1035
Delta R.T. -0.005 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

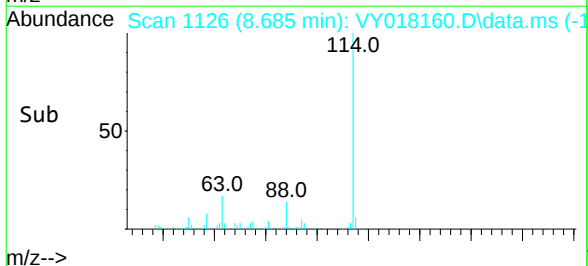
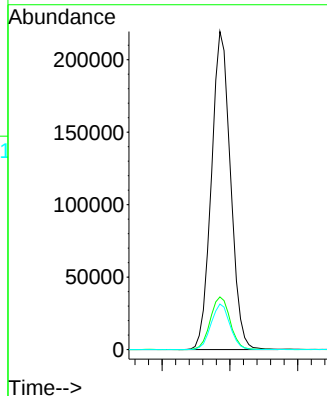
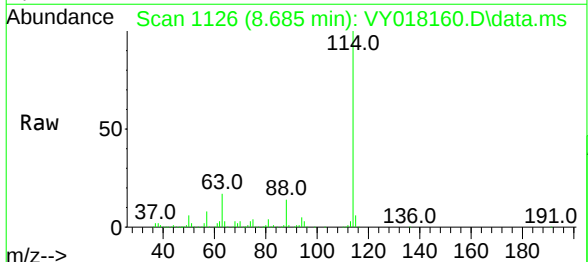
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050324-B

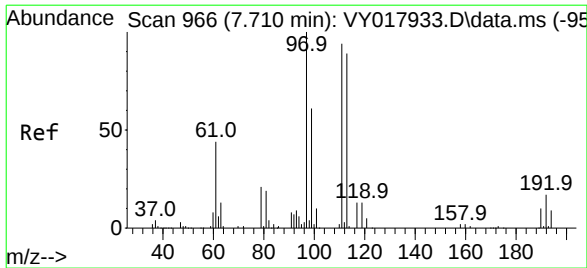
Tgt Ion: 65 Resp: 101973
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

Tgt Ion: 114 Resp: 429956
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 14.3 0.0 27.2

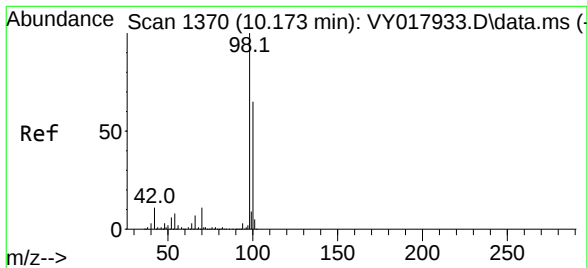
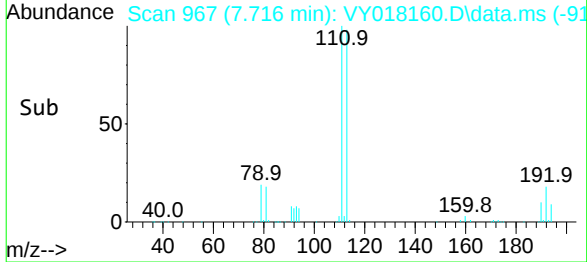
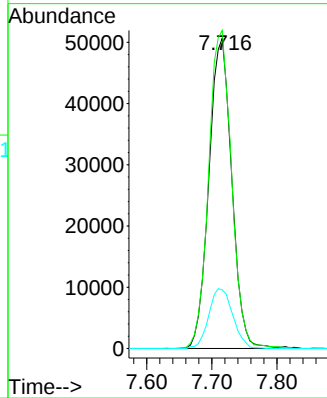
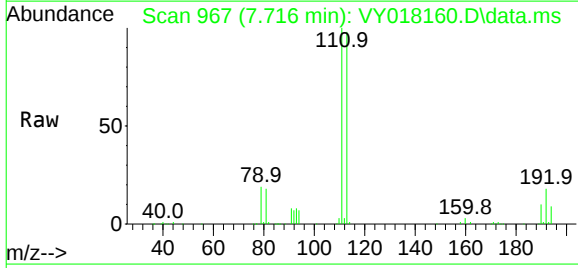




#35
Dibromofluoromethane
Concen: 49.883 ug/l
RT: 7.716 min Scan# 96
Delta R.T. -0.006 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

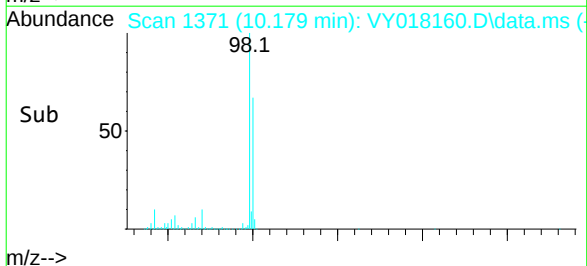
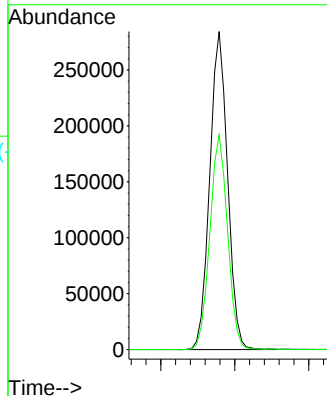
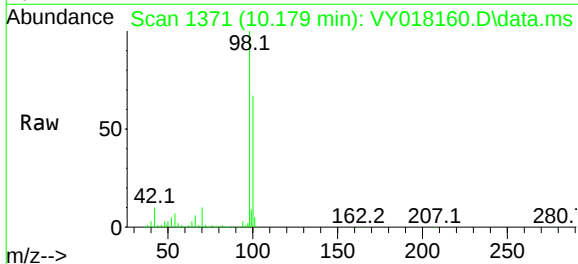
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-050324-B

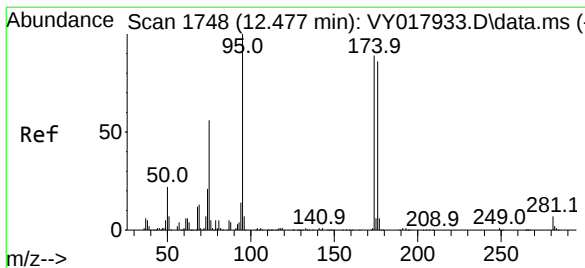
Tgt Ion:113 Resp: 123252
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 49.320 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

Tgt Ion: 98 Resp: 475741
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 44.408 ug/l

RT: 12.483 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018160.D

Acq: 06 May 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-050324-B

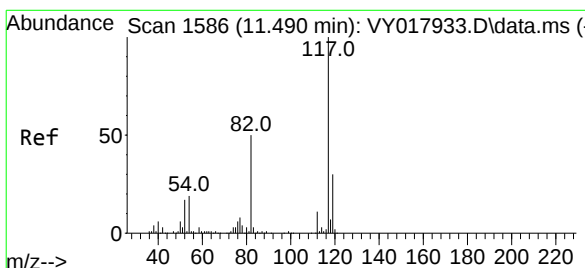
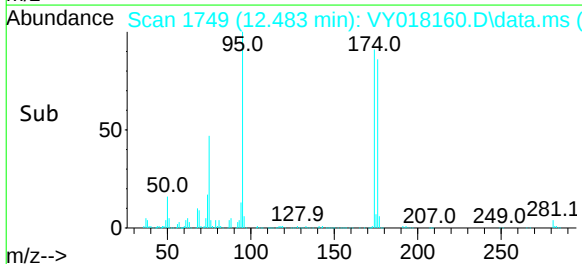
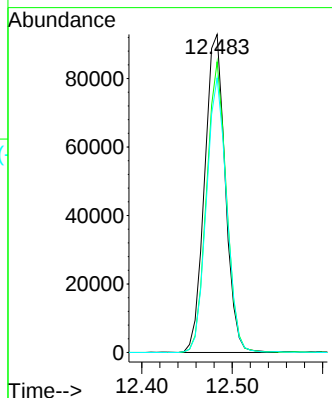
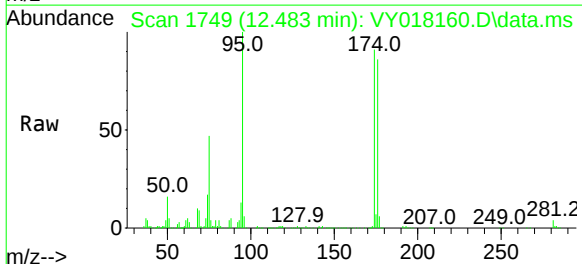
Tgt Ion: 95 Resp: 147414

Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.6

176 84.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018160.D

Acq: 06 May 2024 13:47

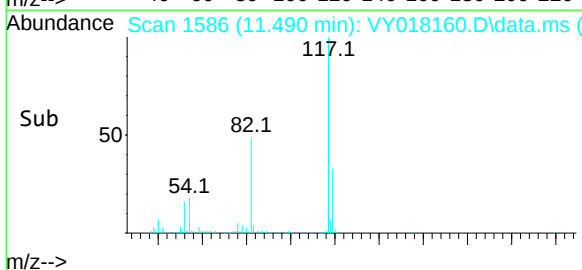
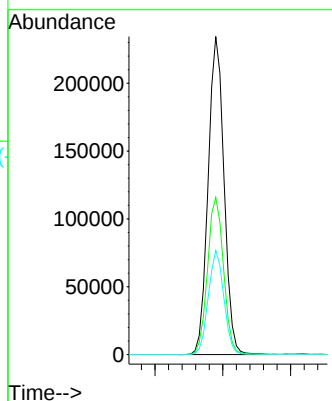
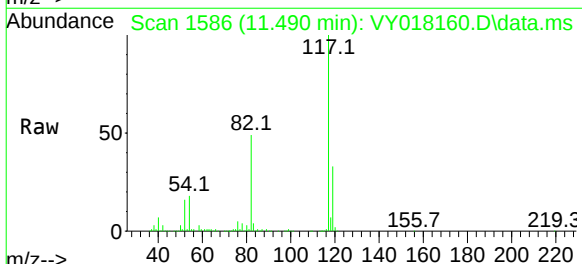
Tgt Ion: 117 Resp: 381401

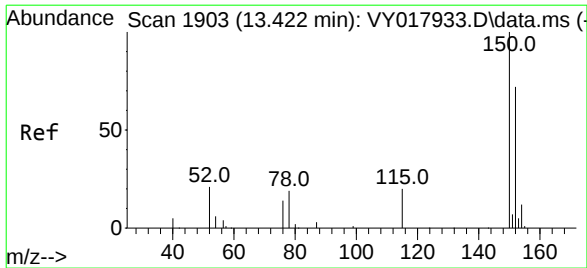
Ion Ratio Lower Upper

117 100

82 49.4 42.4 63.6

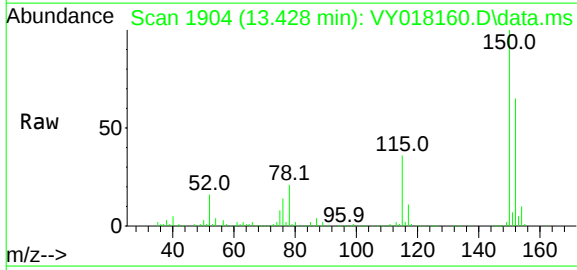
119 32.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY018160.D
 Acq: 06 May 2024 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-050324-B



Tgt Ion:152 Resp: 147044
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 158.6 0.0 345.6

