

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018145.D
 Acq On : 03 May 2024 16:09
 Operator : SY/MD
 Sample : P2362-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OUTSIDE-FOOTINGS

Quant Time: May 06 02:59:27 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	7.783	168	1834	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	4414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1596	110.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	220.800%#
35) Dibromofluoromethane	7.710	113	1587	62.564	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.120%
50) Toluene-d8	10.179	98	4910	49.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.483	95	1403	41.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.340%

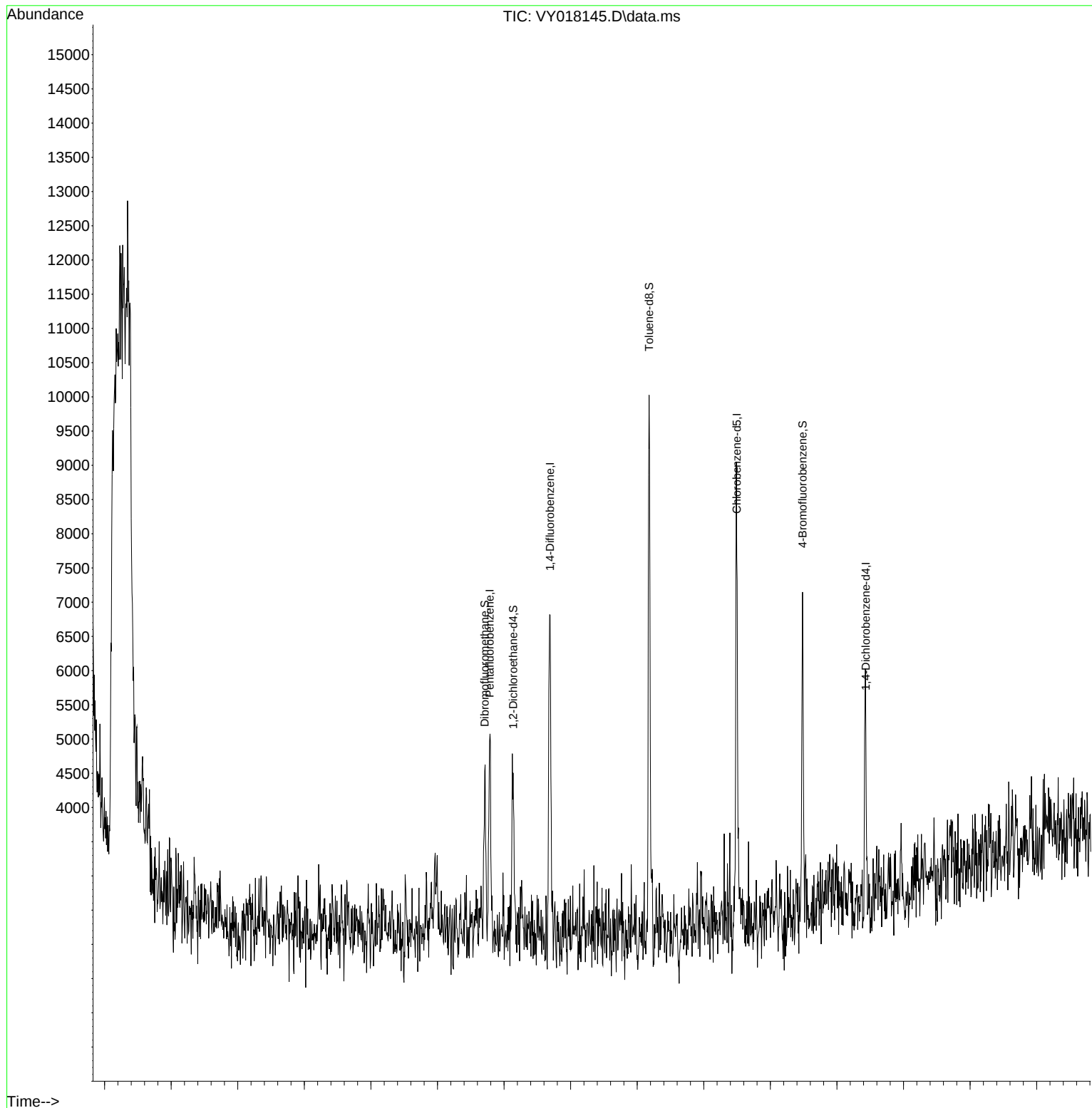
Target Compounds Qvalue

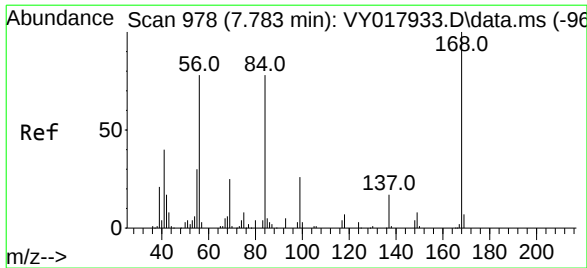
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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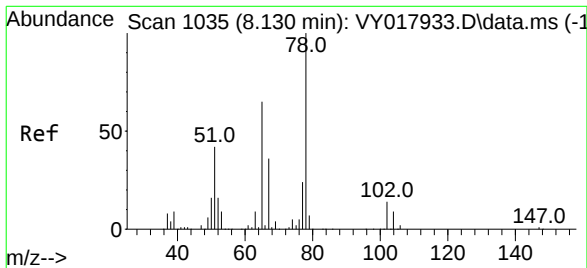
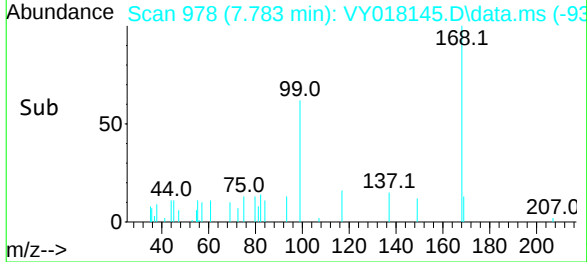
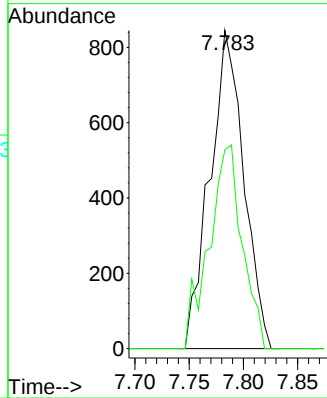
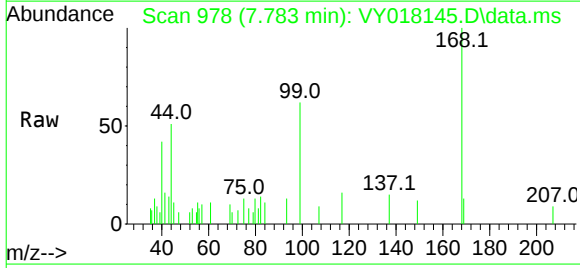




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

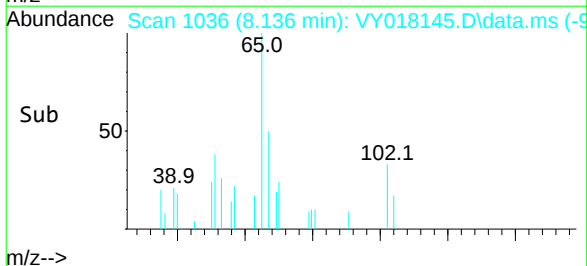
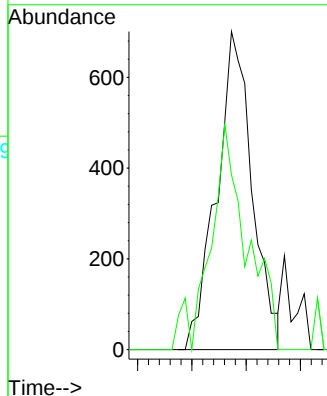
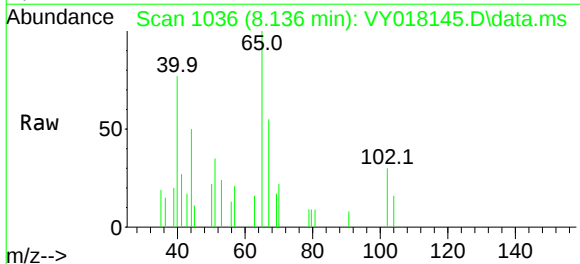
Instrument :
MSVOA_Y
ClientSampleId :
OUTSIDE-FOOTINGS

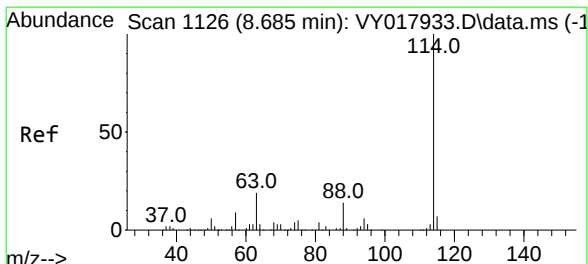
Tgt Ion:168 Resp: 1834
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 110.402 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

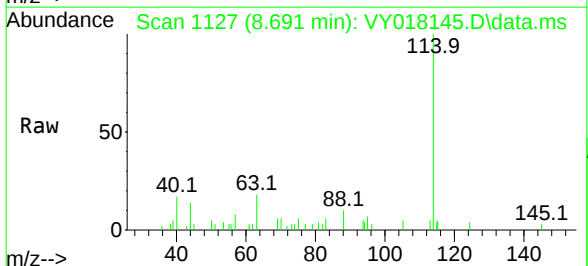
Tgt Ion: 65 Resp: 1596
Ion Ratio Lower Upper
65 100
67 69.2 0.0 109.6



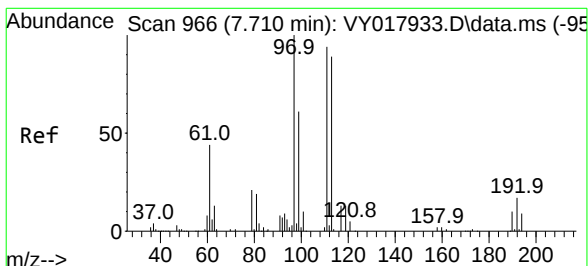
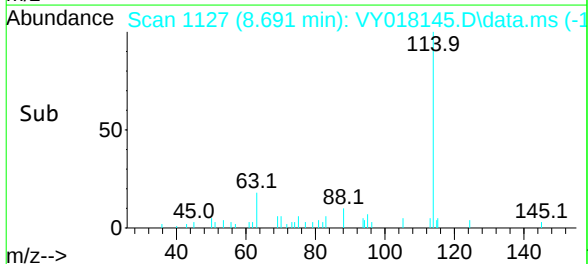
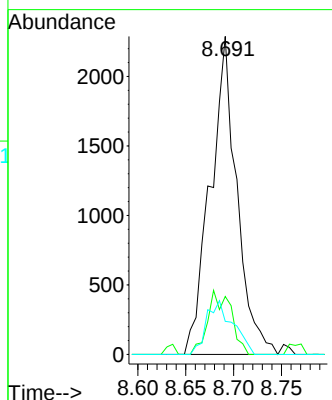


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY018145.D
 Acq: 03 May 2024 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 OUTSIDE-FOOTINGS

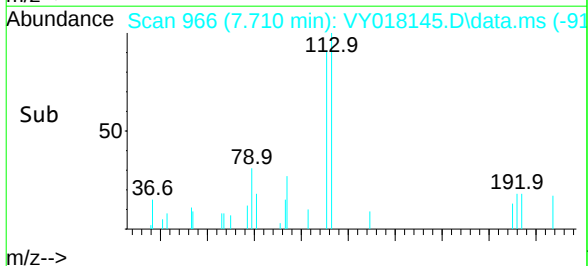
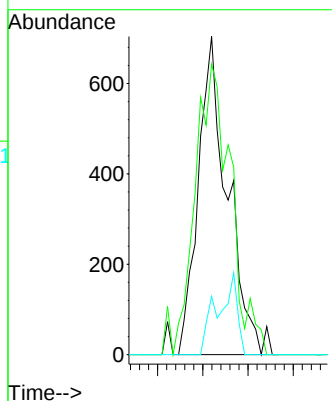
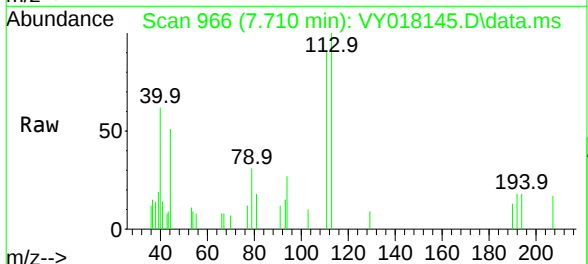


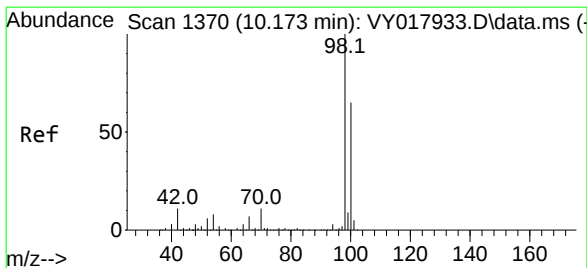
Tgt Ion:	114	Resp:	4414
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.0
88	10.4	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 62.564 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VY018145.D
 Acq: 03 May 2024 16:09

Tgt Ion:	113	Resp:	1587
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.2	123.4
192	6.4	15.9	23.9





#50

Toluene-d8

Concen: 49.583 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

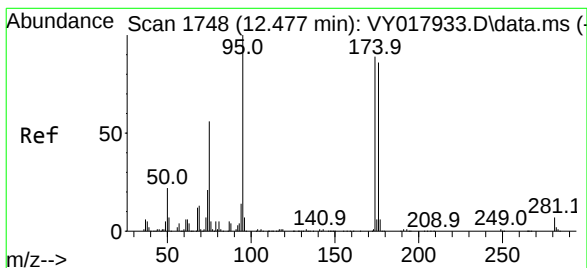
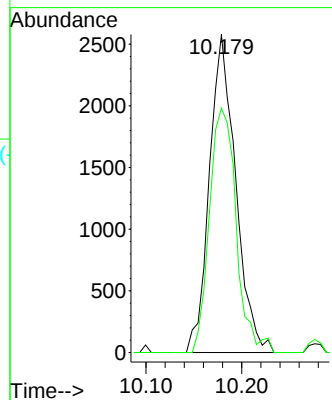
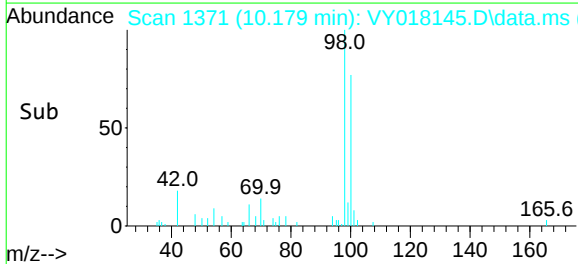
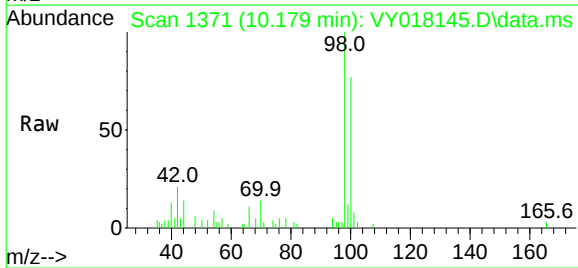
OUTSIDE-FOOTINGS

Tgt Ion: 98 Resp: 4910

Ion Ratio Lower Upper

98 100

100 78.1 52.0 78.0#



#62

4-Bromofluorobenzene

Concen: 41.169 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

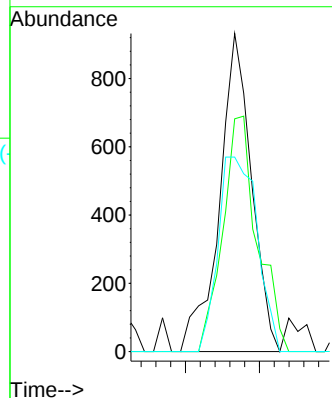
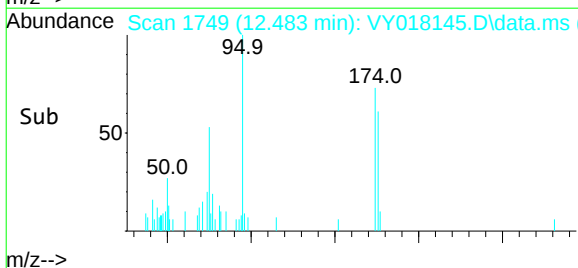
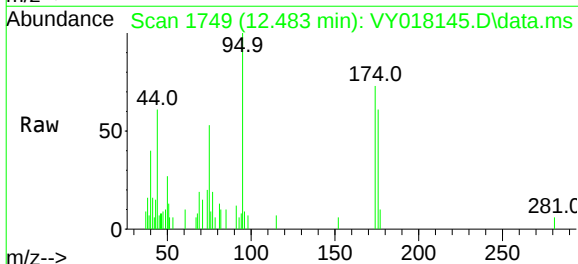
Tgt Ion: 95 Resp: 1403

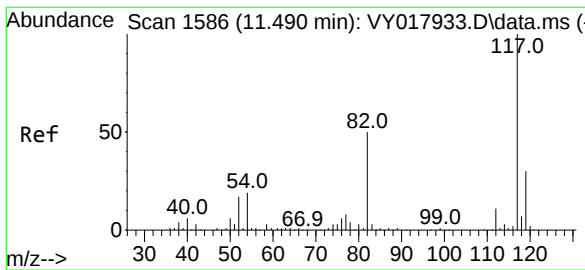
Ion Ratio Lower Upper

95 100

174 79.7 0.0 175.6

176 74.7 0.0 171.4

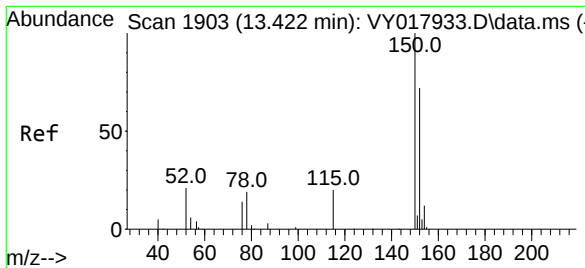
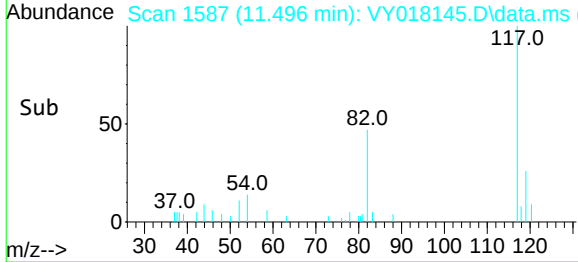
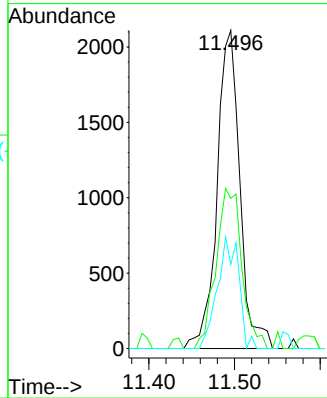
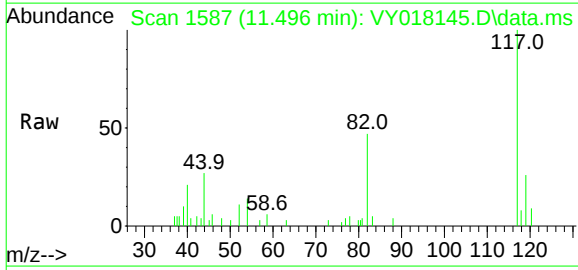




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1586
Delta R.T. 0.007 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :
OUTSIDE-FOOTINGS

Tgt Ion:	117	Resp:	3909
Ion	Ratio	Lower	Upper
117	100		
82	43.9	42.4	63.6
119	26.4	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion:	152	Resp:	1023
Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.2	84.7
150	131.8	0.0	345.6

