

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020355.D
 Acq On : 20 Nov 2024 13:30
 Operator : SY/MD
 Sample : P4916-03
 Misc : 3.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

Quant Time: Nov 21 00:46:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	160275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	310002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	289428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	117815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98673	53.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.180%
35) Dibromofluoromethane	7.634	113	96259	48.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.103	98	380673	48.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.401	95	130847	51.980	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.960%

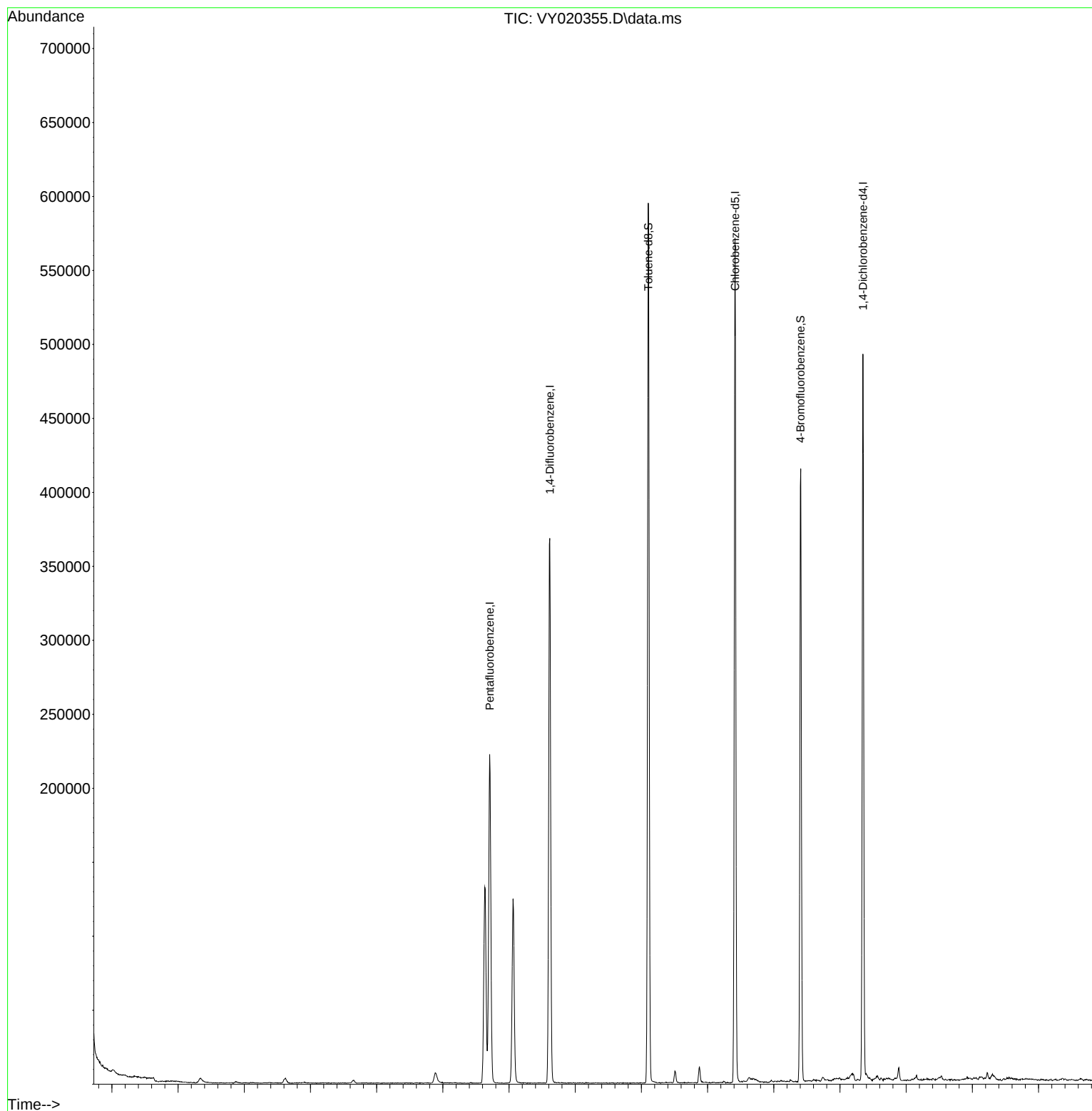
Target Compounds Qvalue

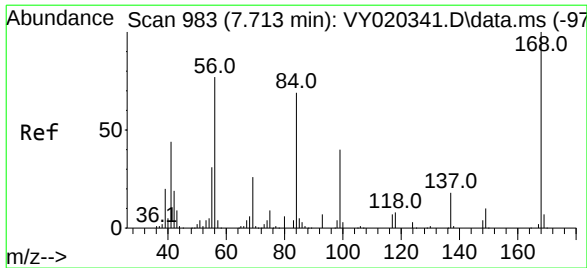
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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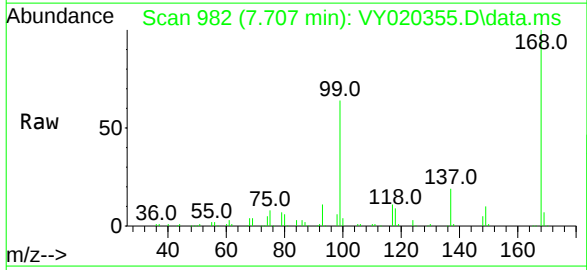
Quant Time: Nov 21 00:46:59 2024
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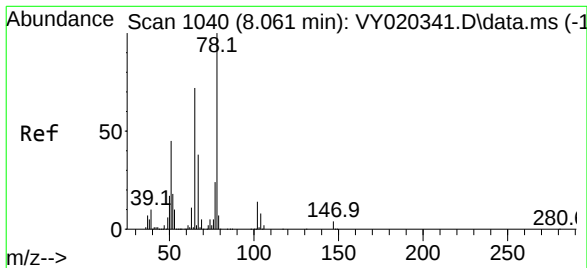
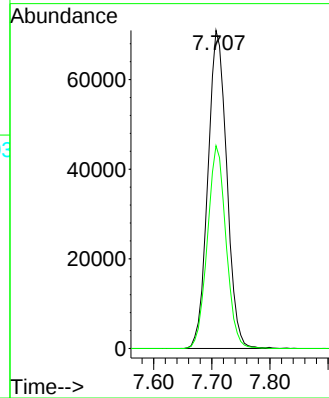
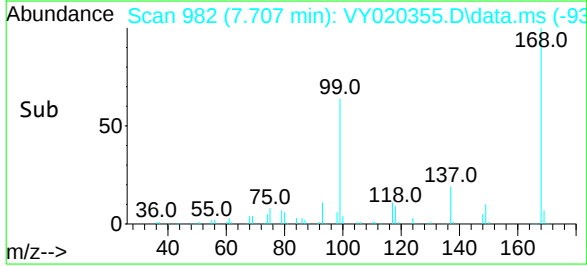


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-VOC

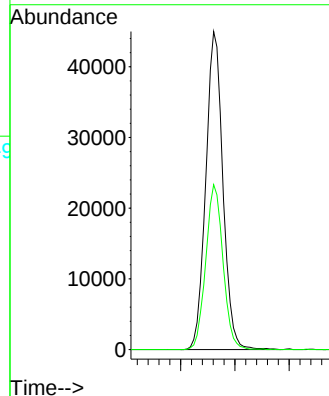
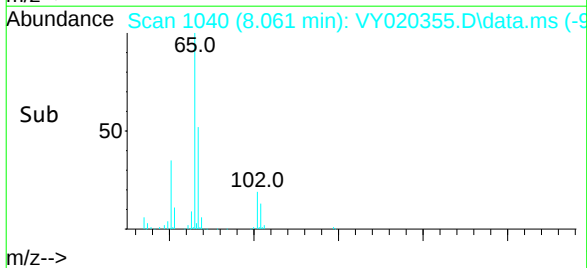
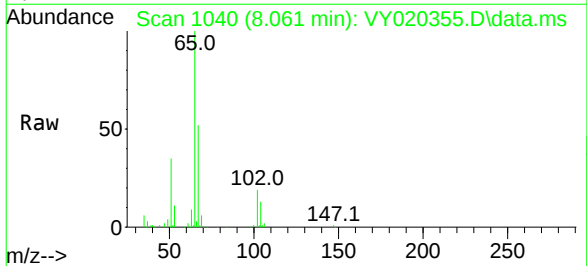


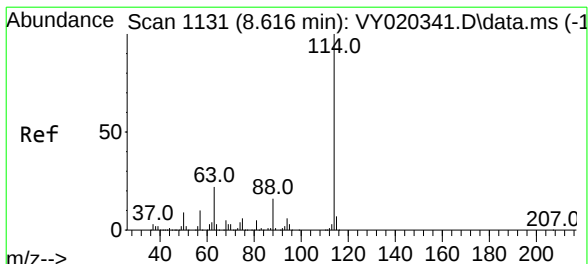
Tgt Ion:168 Resp: 160275
Ion Ratio Lower Upper
168 100
99 63.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.587 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

Tgt Ion: 65 Resp: 98673
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8

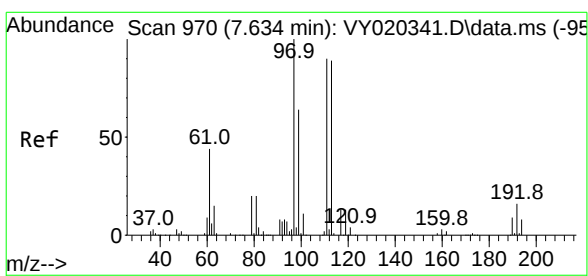
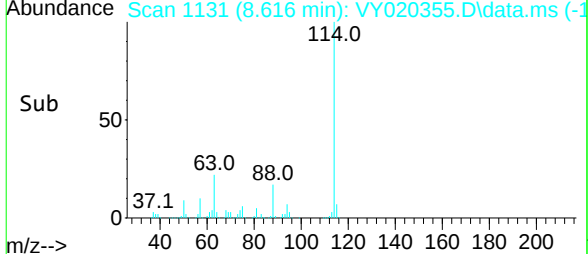
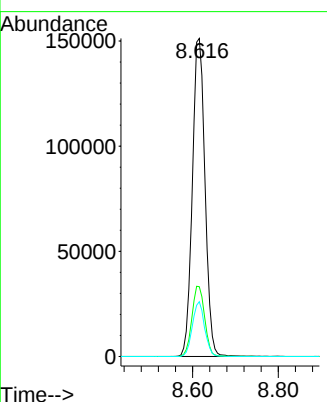
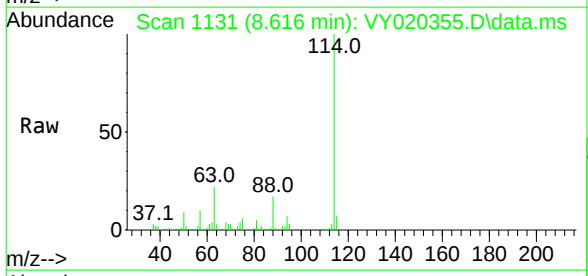




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY020355.D
 Acq: 20 Nov 2024 13:30

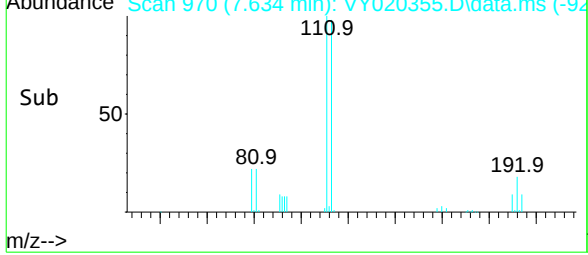
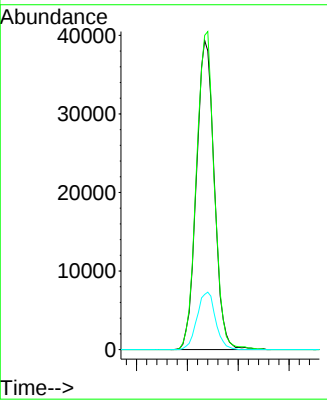
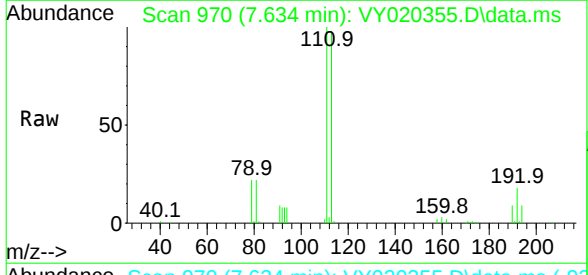
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-VOC

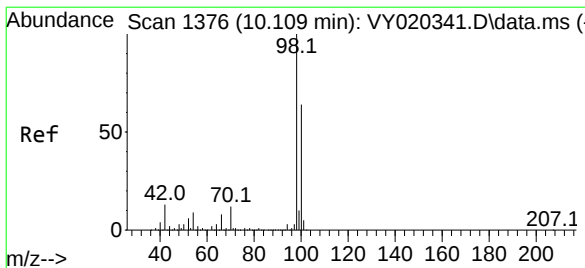
Tgt Ion:	114	Resp:	310002
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.8
88	17.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.424 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VY020355.D
 Acq: 20 Nov 2024 13:30

Tgt Ion:	113	Resp:	96259
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	19.1	15.1	22.7





#50

Toluene-d8

Concen: 48.614 ug/l

RT: 10.103 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020355.D

Acq: 20 Nov 2024 13:30

Instrument :

MSVOA_Y

ClientSampleId :

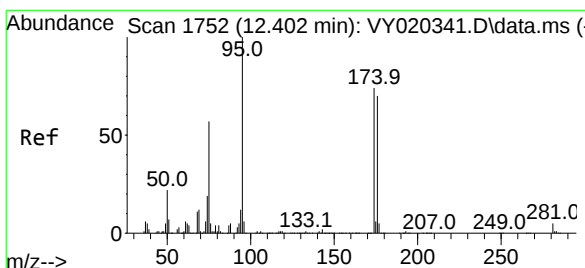
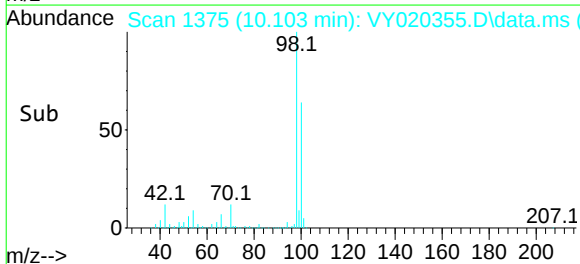
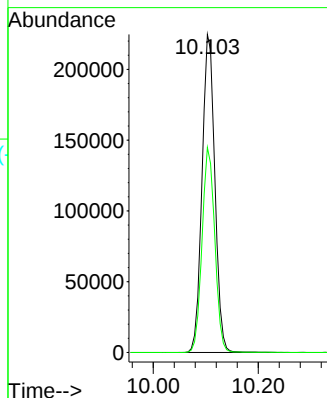
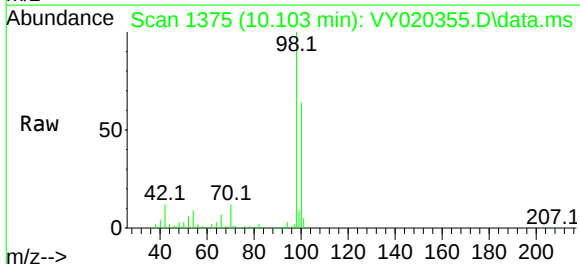
TP-1-VOC

Tgt Ion: 98 Resp: 380673

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 51.980 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.000 min

Lab File: VY020355.D

Acq: 20 Nov 2024 13:30

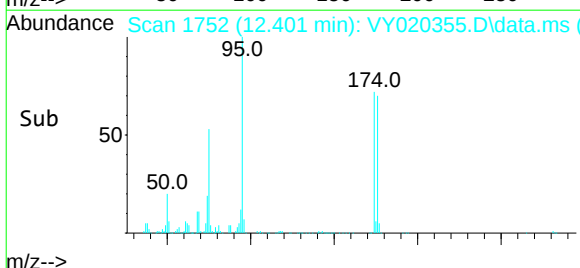
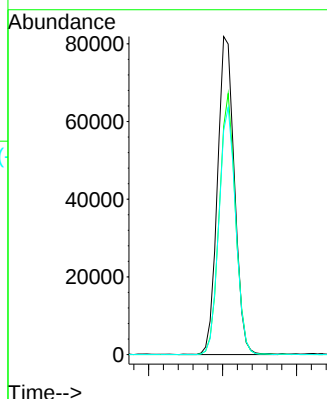
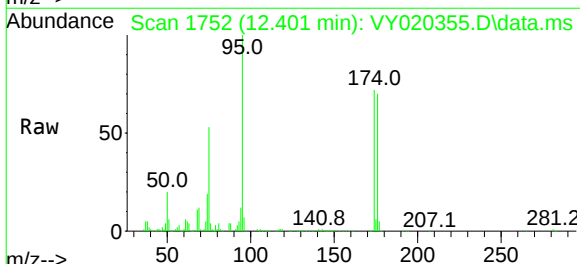
Tgt Ion: 95 Resp: 130847

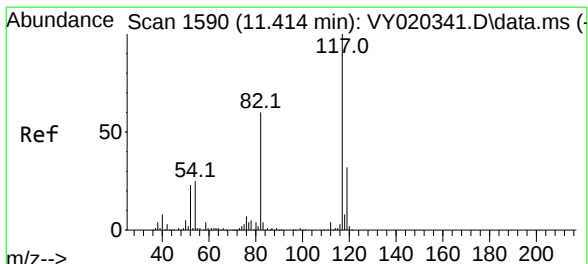
Ion Ratio Lower Upper

95 100

174 77.9 0.0 156.8

176 76.0 0.0 152.0

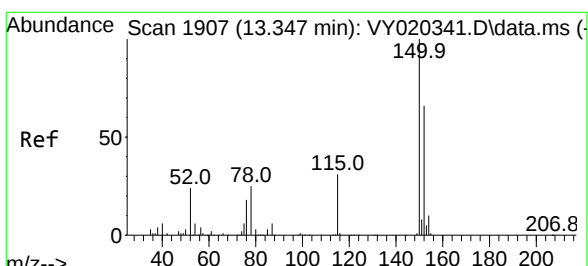
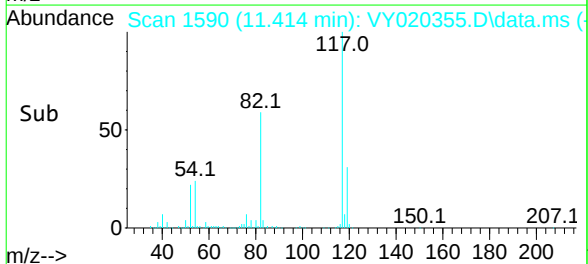
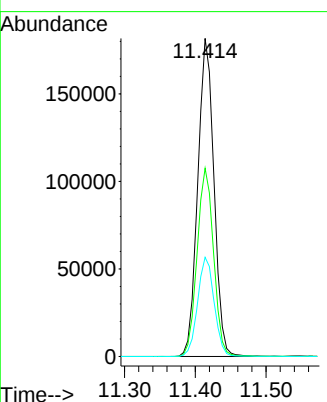
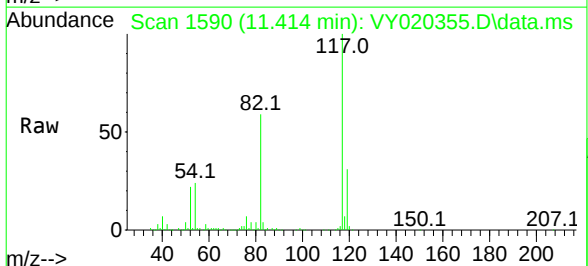




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	289428
Ion	Ratio	Lower	Upper
117	100		
82	59.2	48.2	72.4
119	31.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

Tgt Ion:	152	Resp:	117815
Ion	Ratio	Lower	Upper
152	100		
115	62.0	30.0	90.0
150	158.6	0.0	348.2

