

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020141.D
 Acq On : 04 Nov 2024 14:36
 Operator : SY/MD
 Sample : P4675-01
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Nov 05 00:32:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	171889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	354571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	329986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	119248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	126189	58.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.640%
35) Dibromofluoromethane	7.634	113	120654	53.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.040%
50) Toluene-d8	10.109	98	443158	49.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.408	95	134003	45.976	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.960%

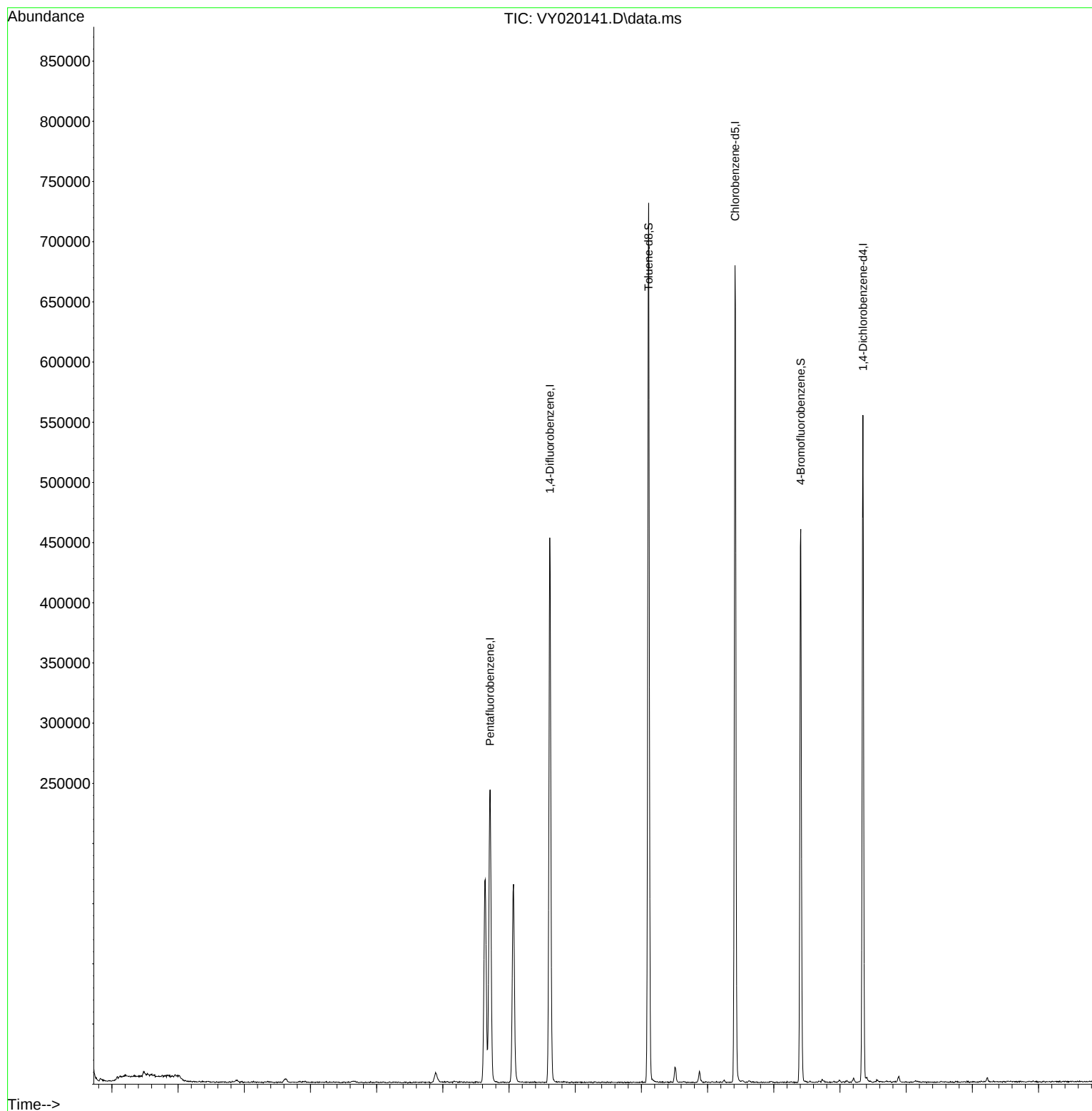
Target Compounds Qvalue

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

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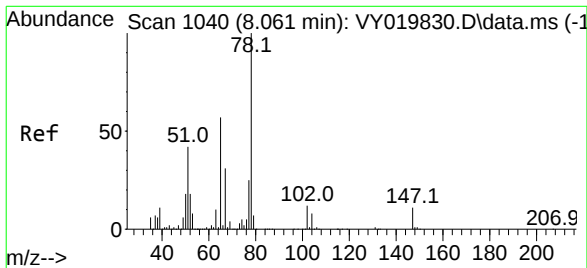
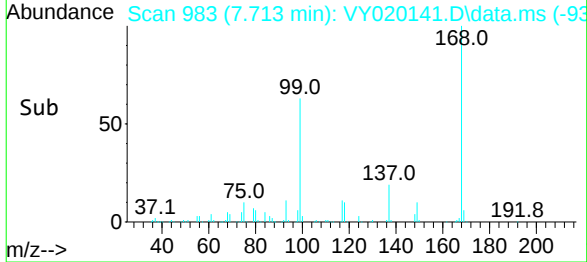
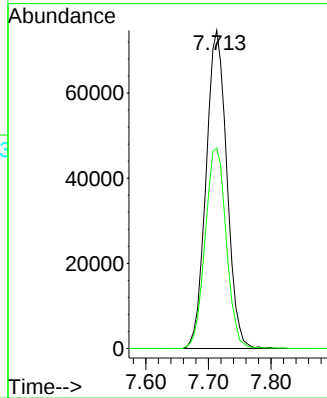
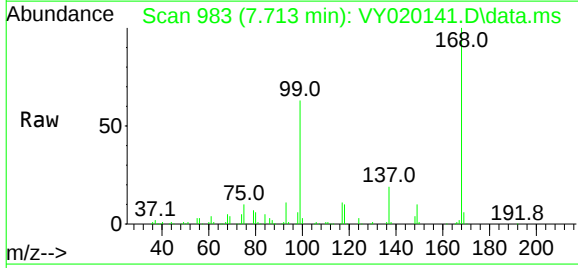




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

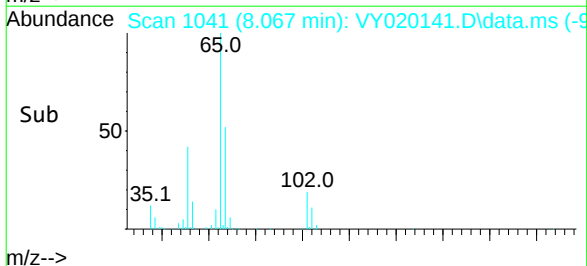
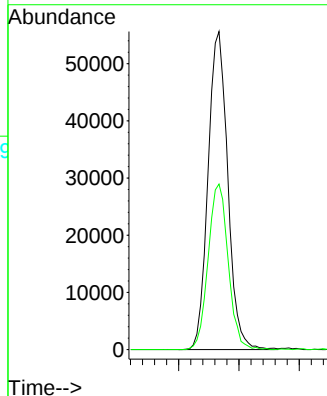
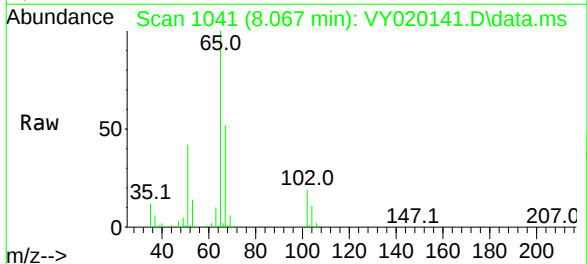
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:168 Resp: 171889
Ion Ratio Lower Upper
168 100
99 63.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 58.821 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

Tgt Ion: 65 Resp: 126189
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6

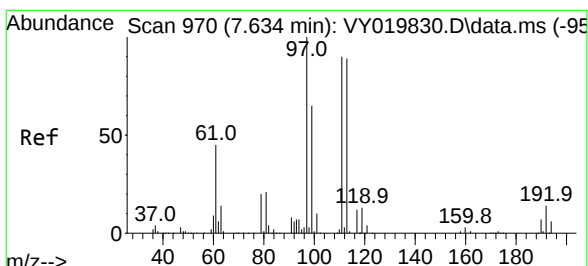
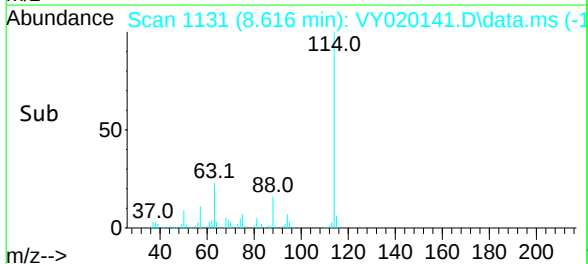
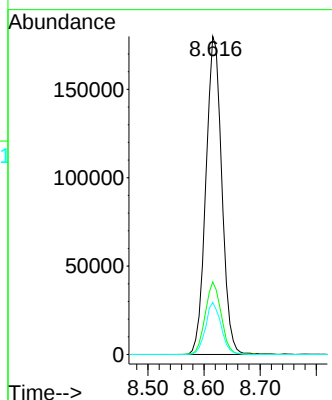
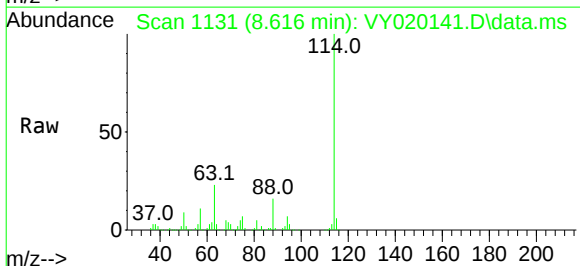




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

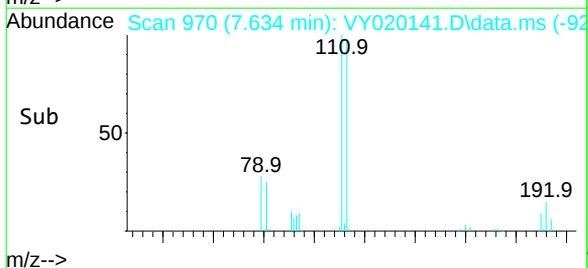
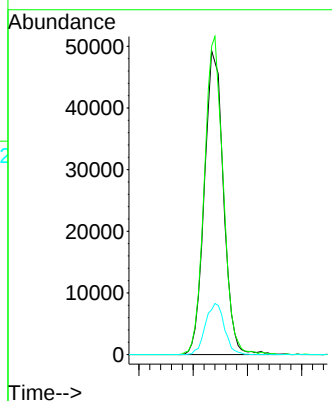
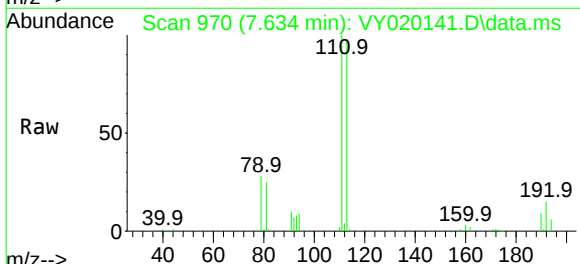
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

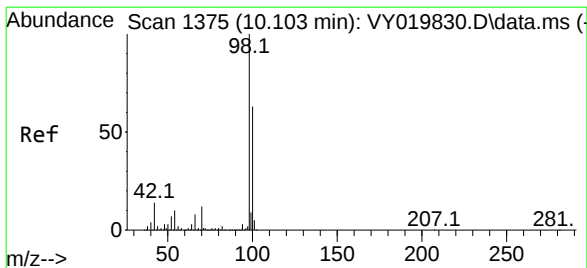
Tgt Ion:	114	Resp:	354571
Ion Ratio	Lower	Upper	
114	100		
63	22.8	0.0	35.0
88	16.4	0.0	27.2



#35
Dibromofluoromethane
Concen: 53.521 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

Tgt Ion:	113	Resp:	120654
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.2	123.4
192	16.8	15.9	23.9





#50

Toluene-d8

Concen: 49.386 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020141.D

Acq: 04 Nov 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

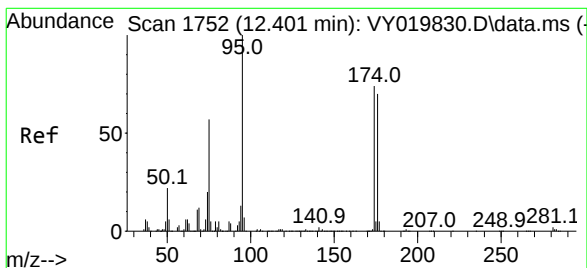
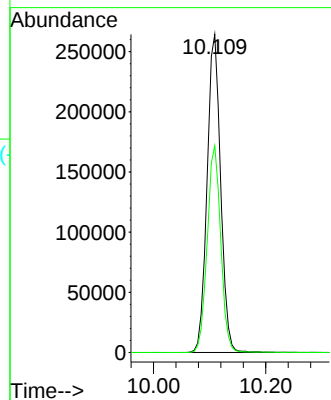
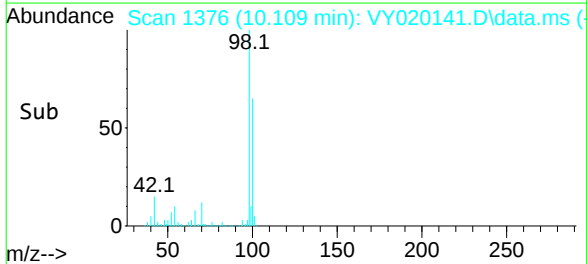
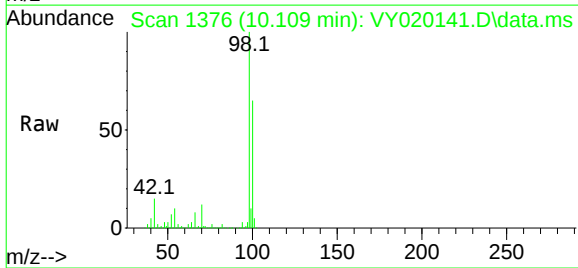
COMP-1

Tgt Ion: 98 Resp: 443158

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.976 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020141.D

Acq: 04 Nov 2024 14:36

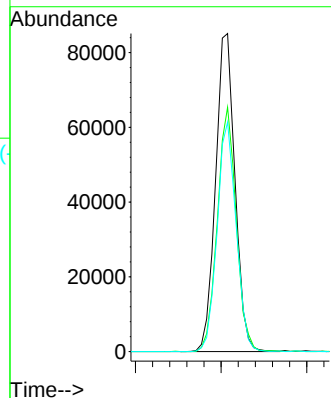
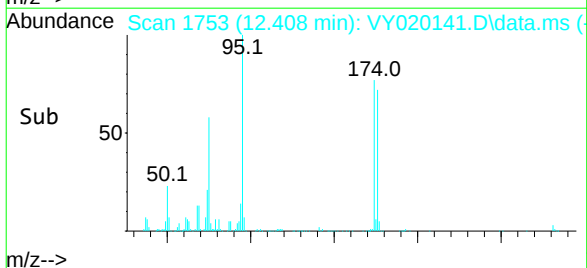
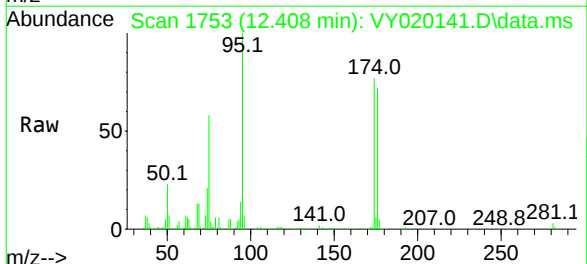
Tgt Ion: 95 Resp: 134003

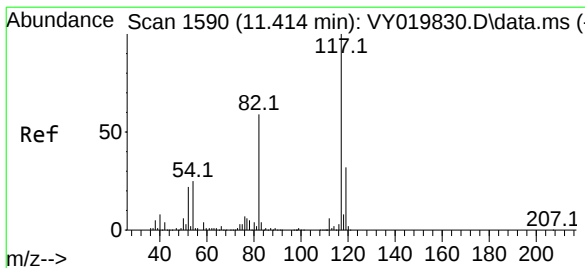
Ion Ratio Lower Upper

95 100

174 74.6 0.0 175.6

176 70.5 0.0 171.4

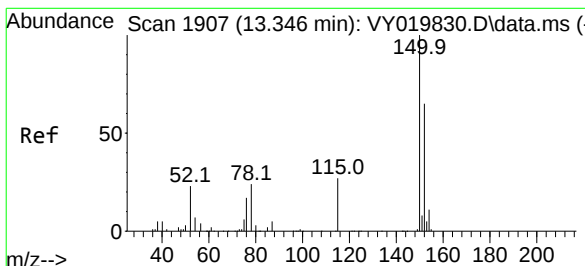
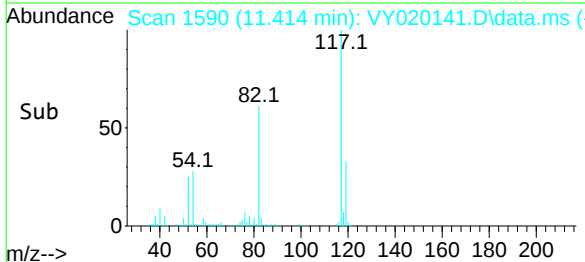
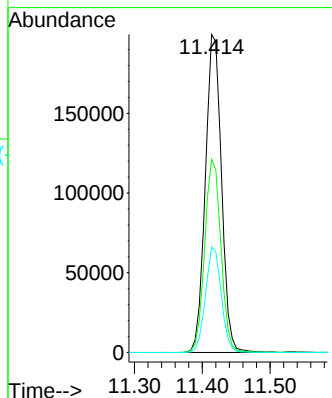
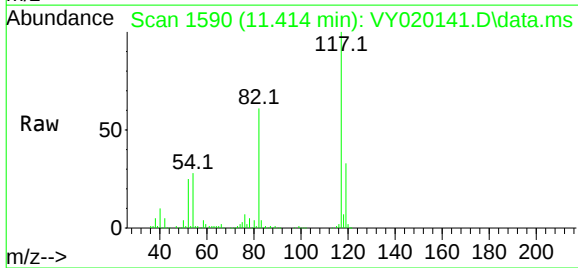




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:	117	Resp:	329986
Ion	Ratio	Lower	Upper
117	100		
82	60.7	42.4	63.6
119	33.2	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020141.D
Acq: 04 Nov 2024 14:36

Tgt Ion:	152	Resp:	119248
Ion	Ratio	Lower	Upper
152	100		
115	63.0	28.2	84.7
150	159.7	0.0	345.6

