

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020035.D
 Acq On : 28 Oct 2024 12:43
 Operator : SY/MD
 Sample : P4578-07
 Misc : 9.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WB-305-BOT-1

Quant Time: Oct 29 01:56:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	212409	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	437109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	398917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	145301	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	148565	56.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.600%
35) Dibromofluoromethane	7.640	113	144871	50.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.109	98	549680	51.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.407	95	169141	43.946	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.900%

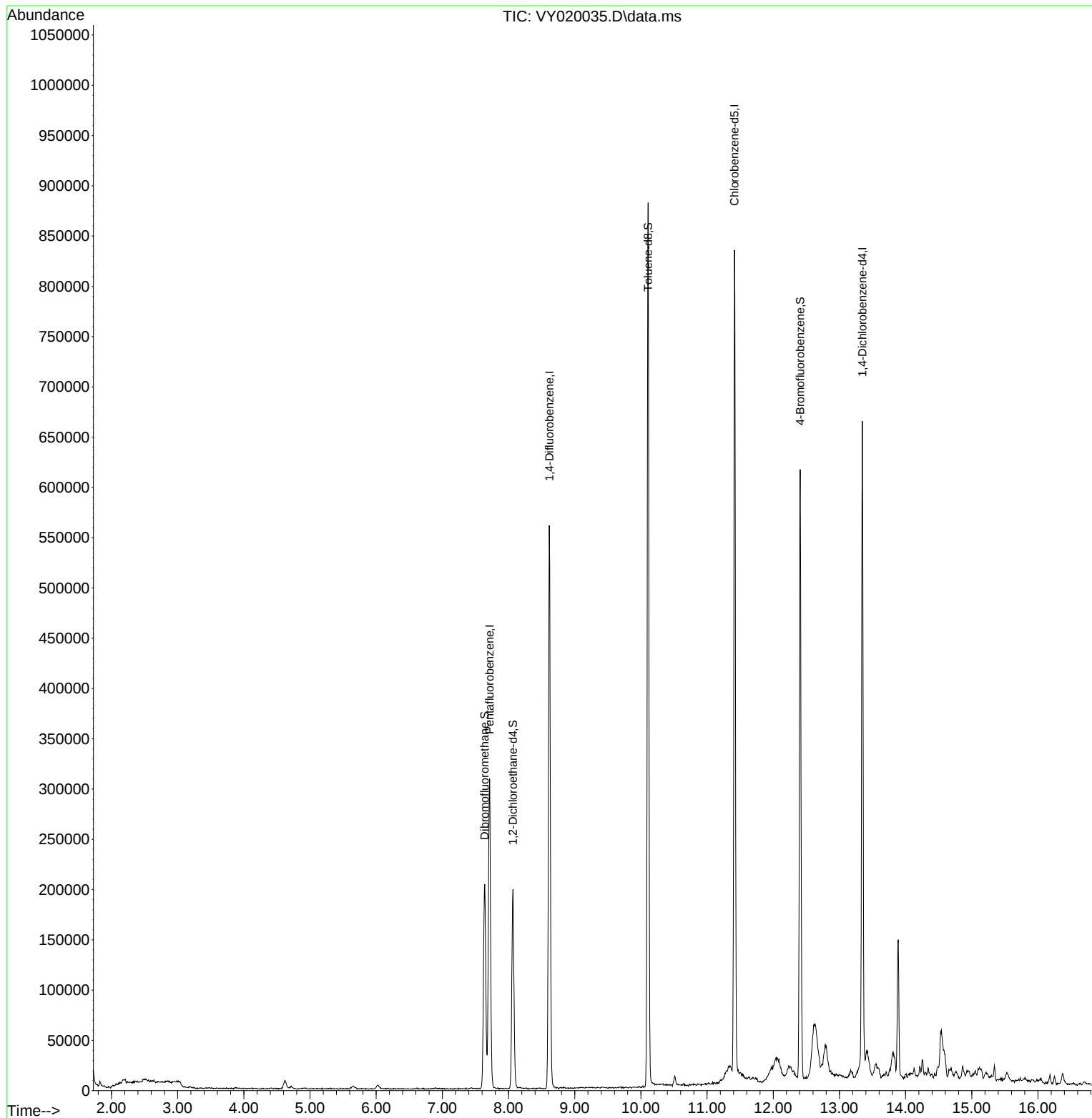
Target Compounds	Qvalue

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

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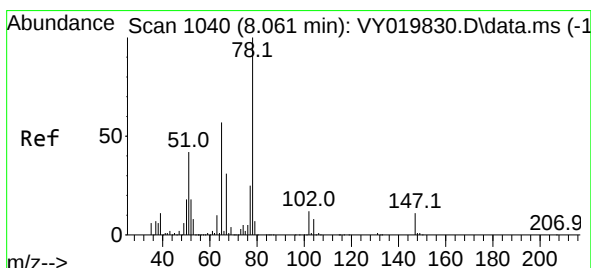
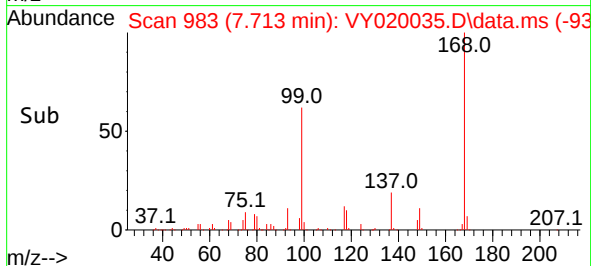
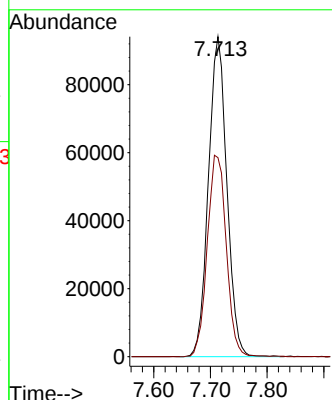
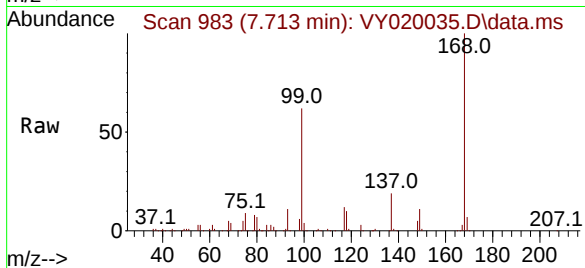




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020035.D
Acq: 28 Oct 2024 12:43

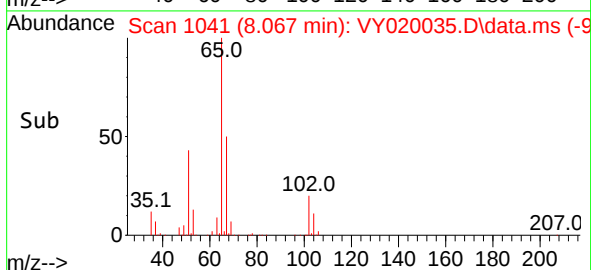
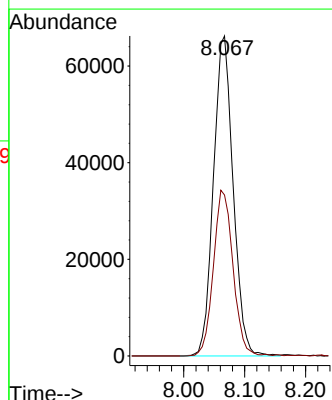
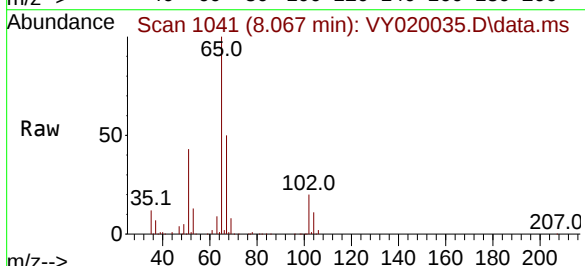
Instrument :
MSVOA_Y
ClientSampleId :
WB-305-BOT-1

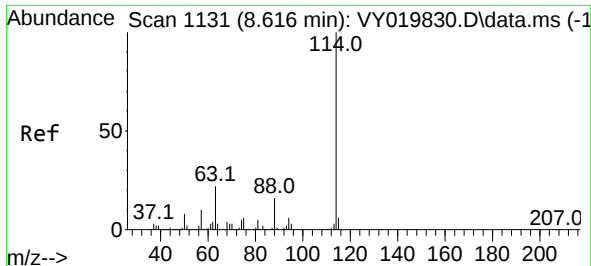
Tgt Ion:168 Resp: 212409
Ion Ratio Lower Upper
168 100
99 62.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 56.804 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020035.D
Acq: 28 Oct 2024 12:43

Tgt Ion: 65 Resp: 148565
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

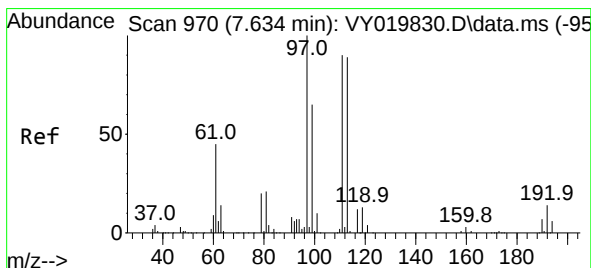
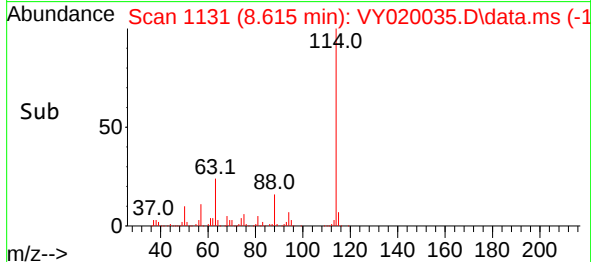
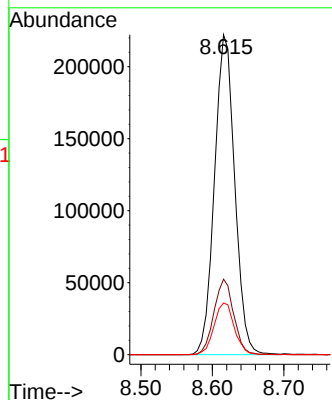
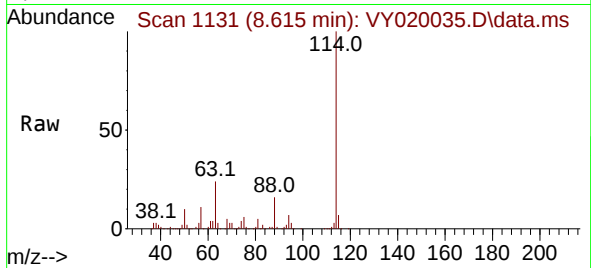




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020035.D
Acq: 28 Oct 2024 12:43

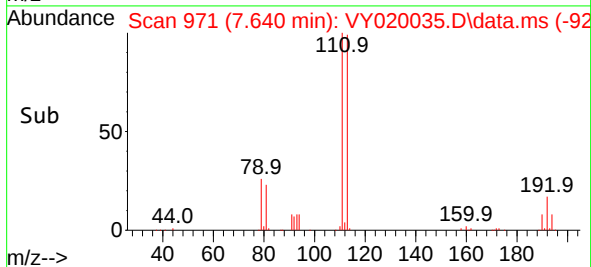
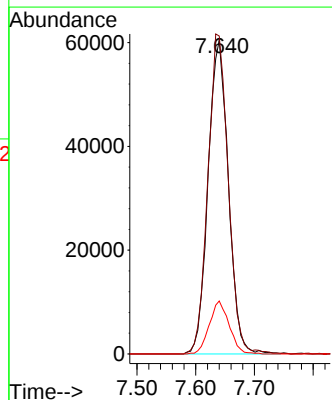
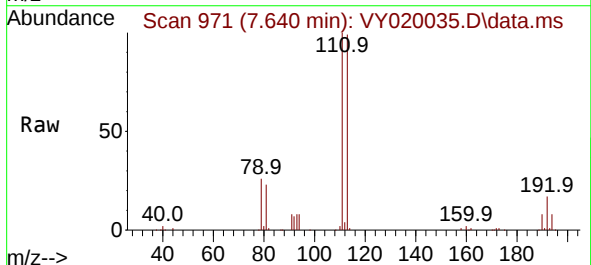
Instrument :
MSVOA_Y
ClientSampleId :
WB-305-BOT-1

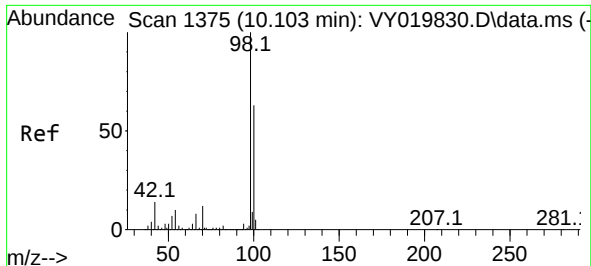
Tgt Ion:114 Resp: 437109
Ion Ratio Lower Upper
114 100
63 23.6 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.225 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020035.D
Acq: 28 Oct 2024 12:43

Tgt Ion:113 Resp: 144871
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.5 15.9 23.9

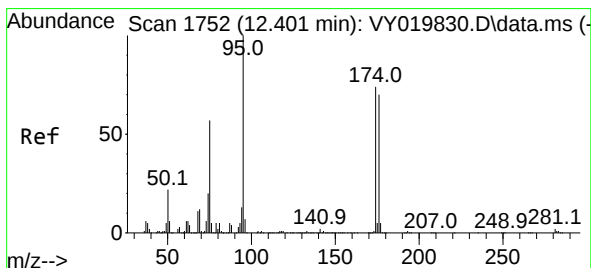
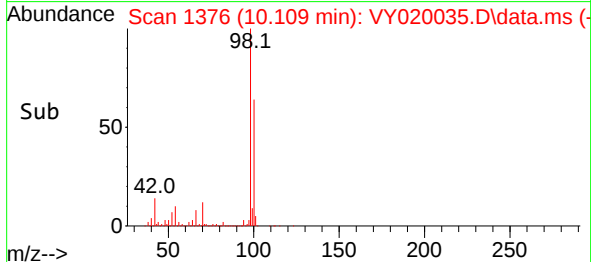
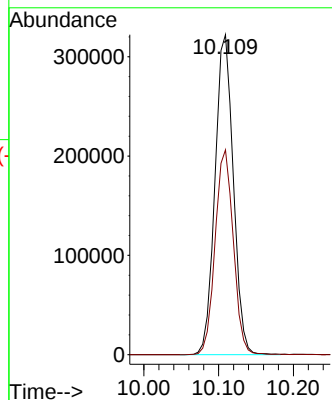
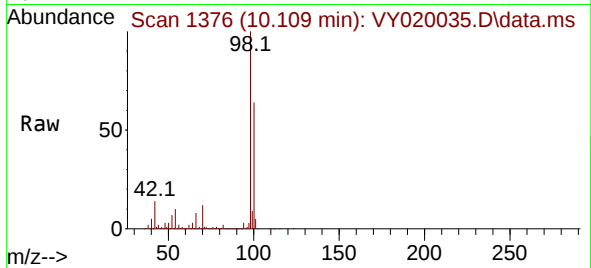




#50
Toluene-d8
Concen: 51.604 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020035.D
Acq: 28 Oct 2024 12:43

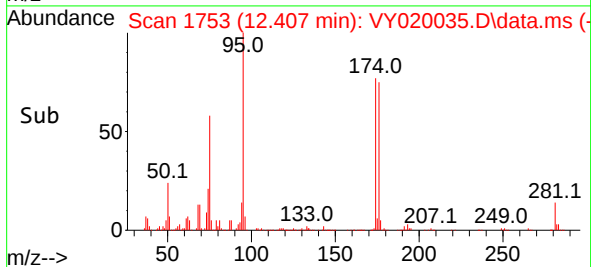
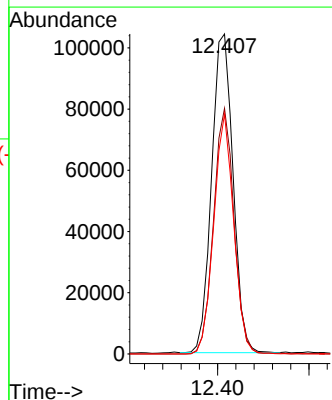
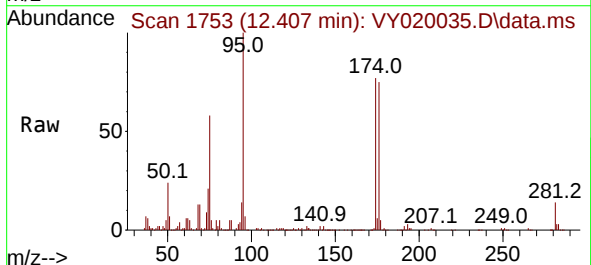
Instrument :
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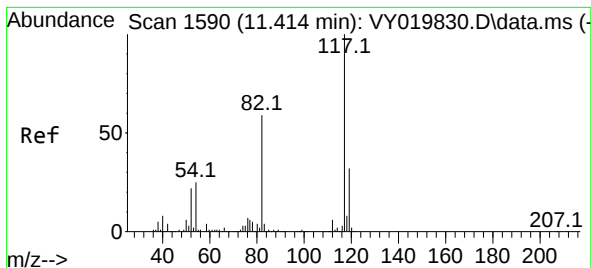
Tgt Ion: 98 Resp: 549680
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.946 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020035.D
Acq: 28 Oct 2024 12:43

Tgt Ion: 95 Resp: 169141
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 70.3 0.0 171.4

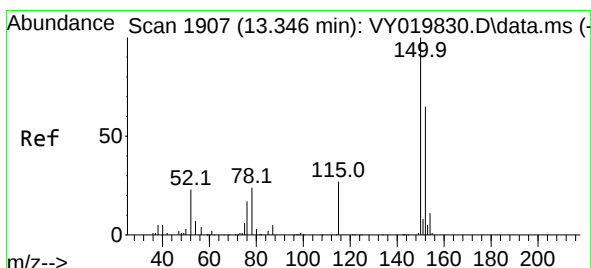
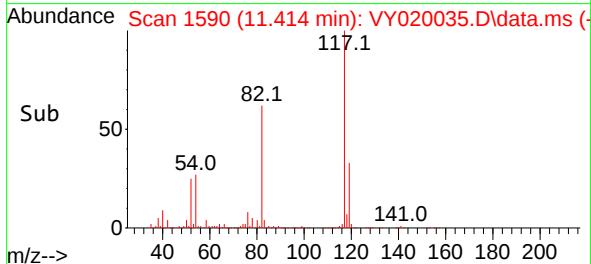
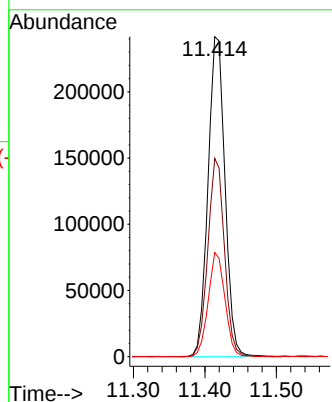
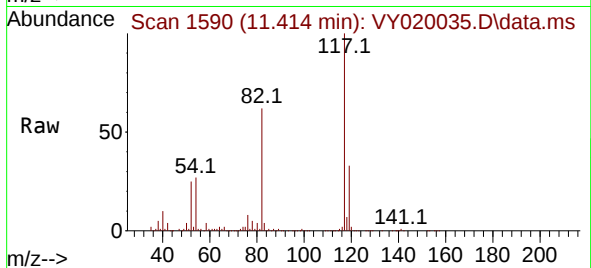




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY020035.D
Acq: 28 Oct 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :
WB-305-BOT-1

Tgt Ion:117 Resp: 398917
Ion Ratio Lower Upper
117 100
82 61.9 42.4 63.6
119 32.6 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: VY020035.D
Acq: 28 Oct 2024 12:43

Tgt Ion:152 Resp: 145301
Ion Ratio Lower Upper
152 100
115 63.1 28.2 84.7
150 156.2 0.0 345.6

