

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019863.D
 Acq On : 11 Oct 2024 10:42
 Operator : SY/MD
 Sample : VY1011SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1011SBL01

Quant Time: Oct 14 01:42:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	302283	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	606631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	532786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	181683	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	193222	51.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.820%
35) Dibromofluoromethane	7.640	113	193627	48.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.109	98	731558	49.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.408	95	218689	40.942	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	81.880%

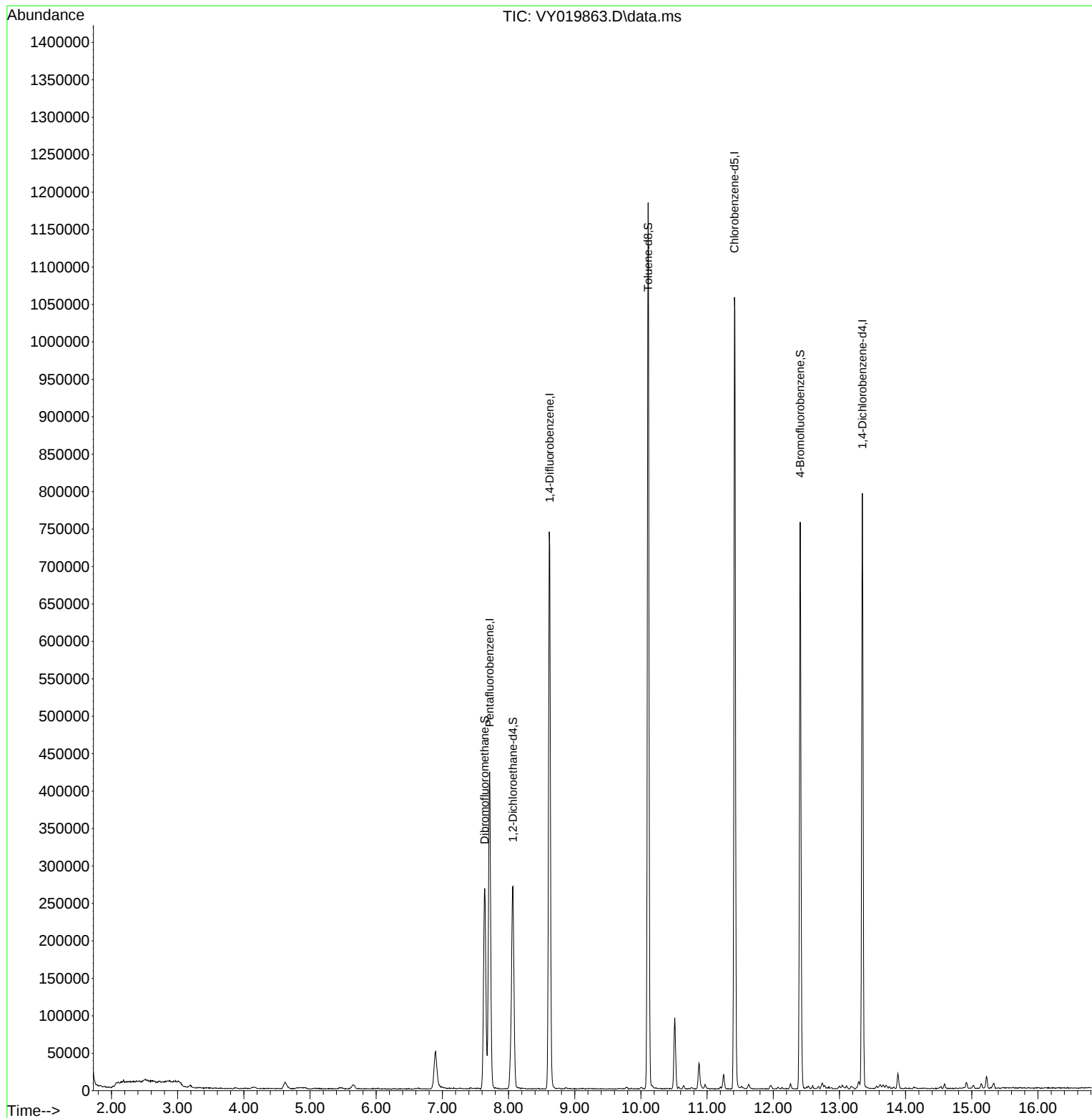
Target Compounds	Qvalue

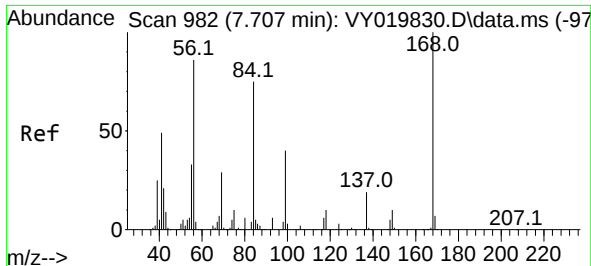
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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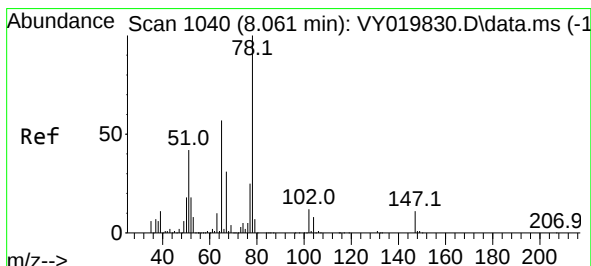
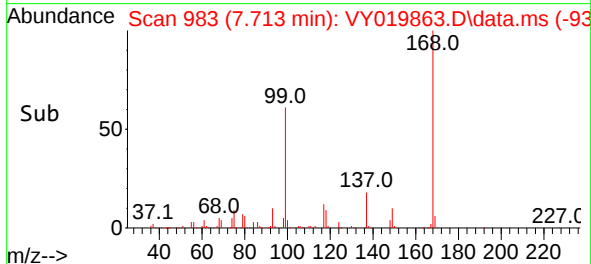
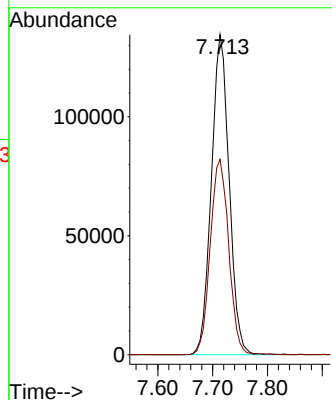
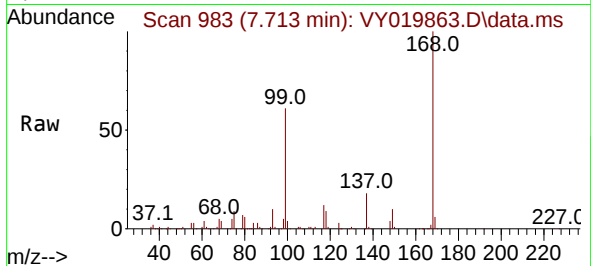




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

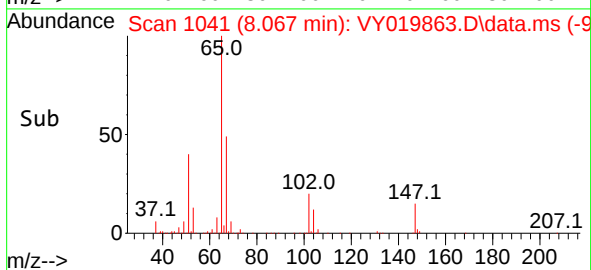
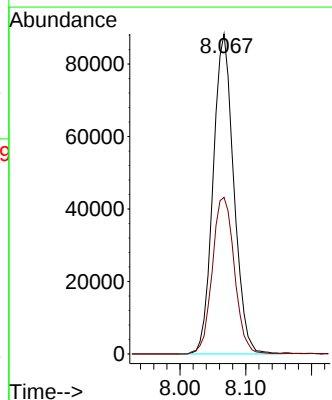
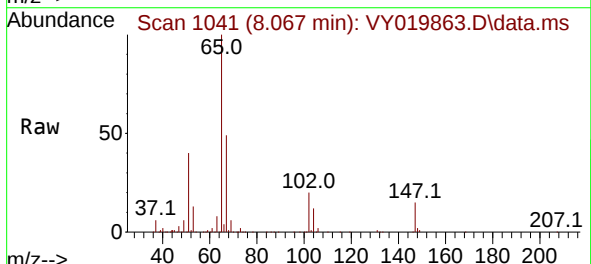
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBL01

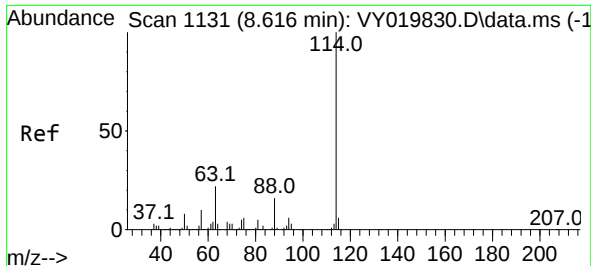
Tgt Ion:168 Resp: 302283
Ion Ratio Lower Upper
168 100
99 61.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 51.914 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

Tgt Ion: 65 Resp: 193222
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

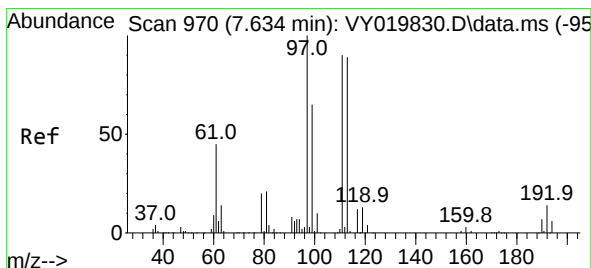
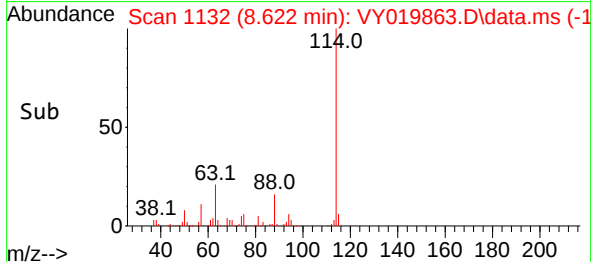
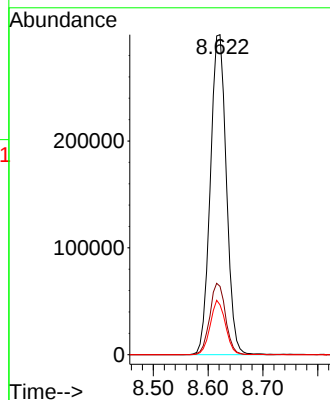
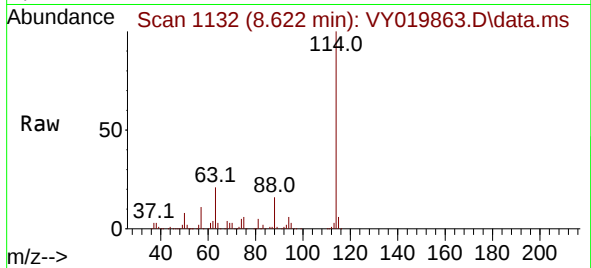




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

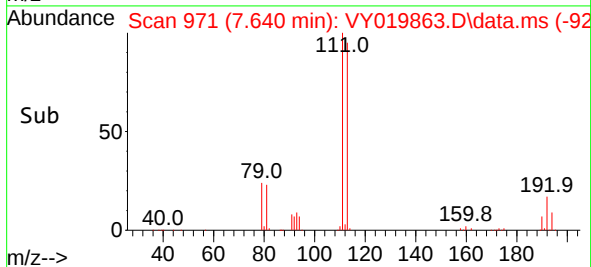
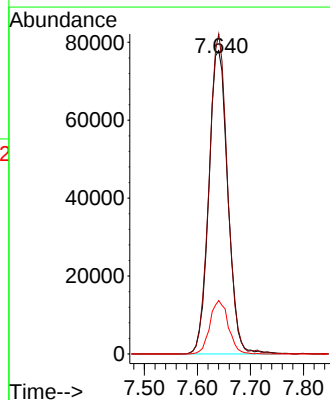
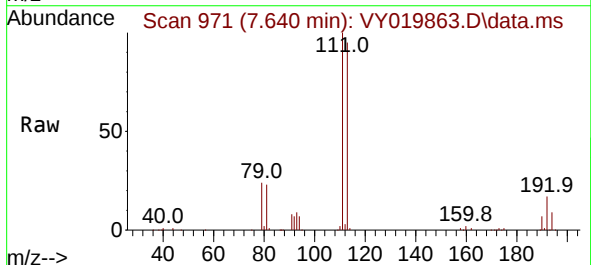
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBL01

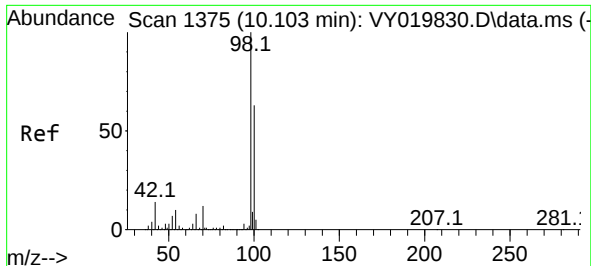
Tgt Ion:114 Resp: 606631
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 15.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.369 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

Tgt Ion:113 Resp: 193627
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 17.1 15.9 23.9

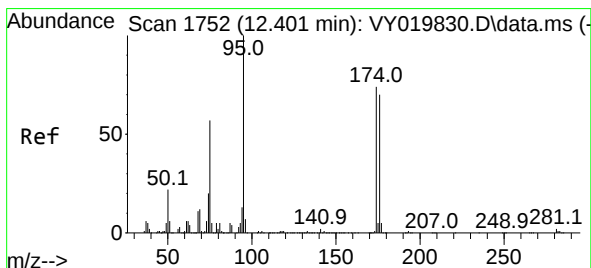
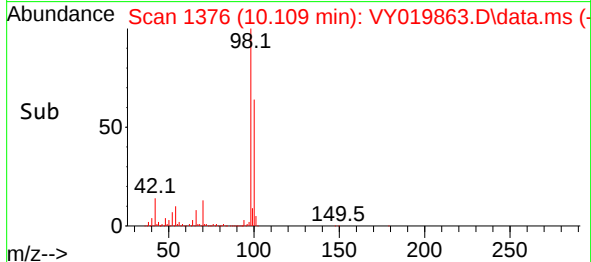
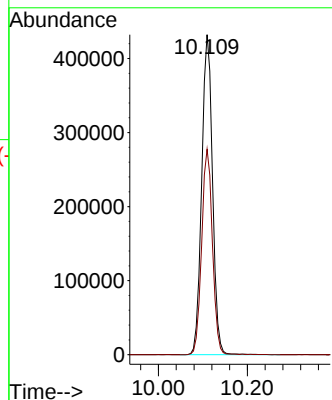
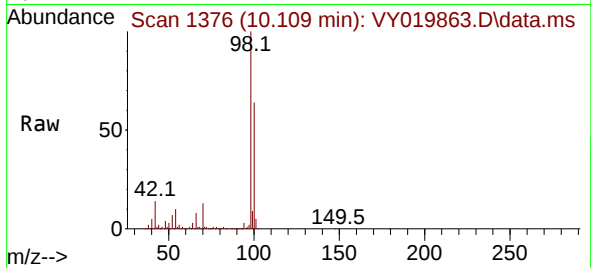




#50
Toluene-d8
Concen: 49.487 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

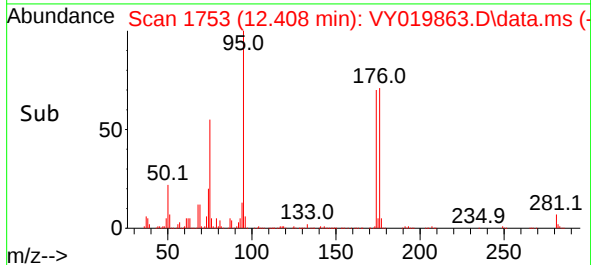
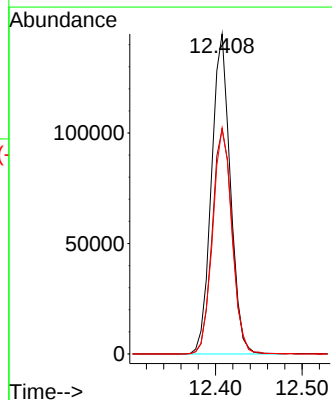
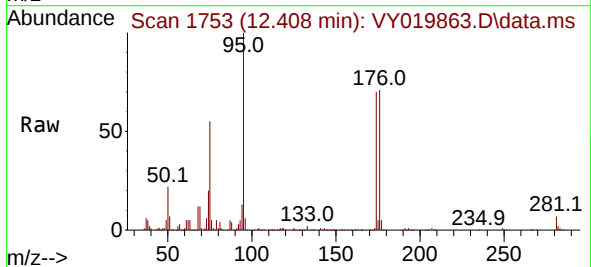
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBL01

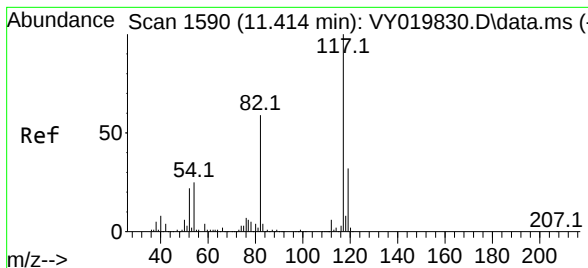
Tgt Ion: 98 Resp: 731558
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.942 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

Tgt Ion: 95 Resp: 218689
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 72.5 0.0 171.4

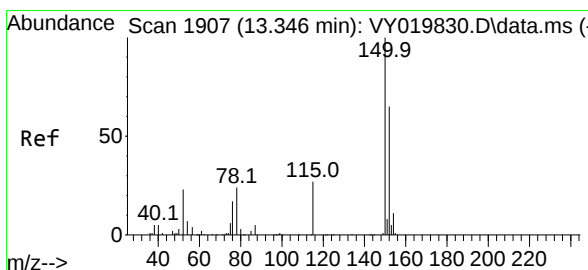
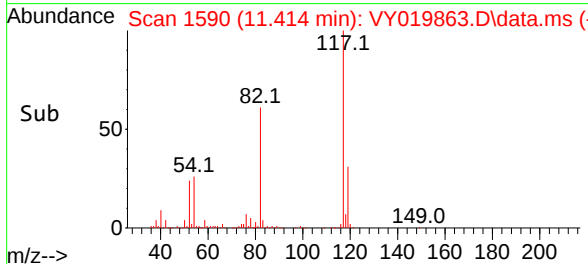
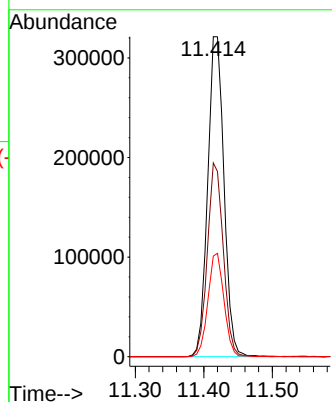
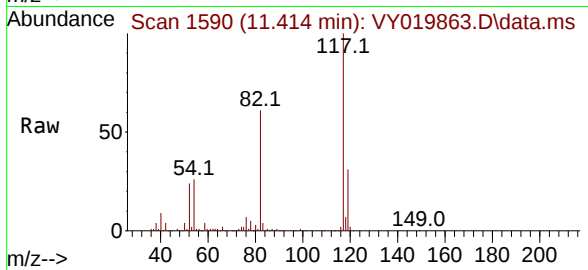




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBL01

Tgt Ion:117 Resp: 532786
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 31.4 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: VY019863.D
Acq: 11 Oct 2024 10:42

Tgt Ion:152 Resp: 181683
Ion Ratio Lower Upper
152 100
115 61.1 28.2 84.7
150 156.3 0.0 345.6

