

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021023\
 Data File : VY012571.D
 Acq On : 10 Feb 2023 10:47
 Operator : KP/MD
 Sample : VY0210SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0210SBL01

Quant Time: Feb 10 12:25:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	144916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	237722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	85472	46.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.760%
35) Dibromofluoromethane	7.716	113	71429	40.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.520%
50) Toluene-d8	10.179	98	280225	38.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	76.820%
62) 4-Bromofluorobenzene	12.483	95	95204	37.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.840%

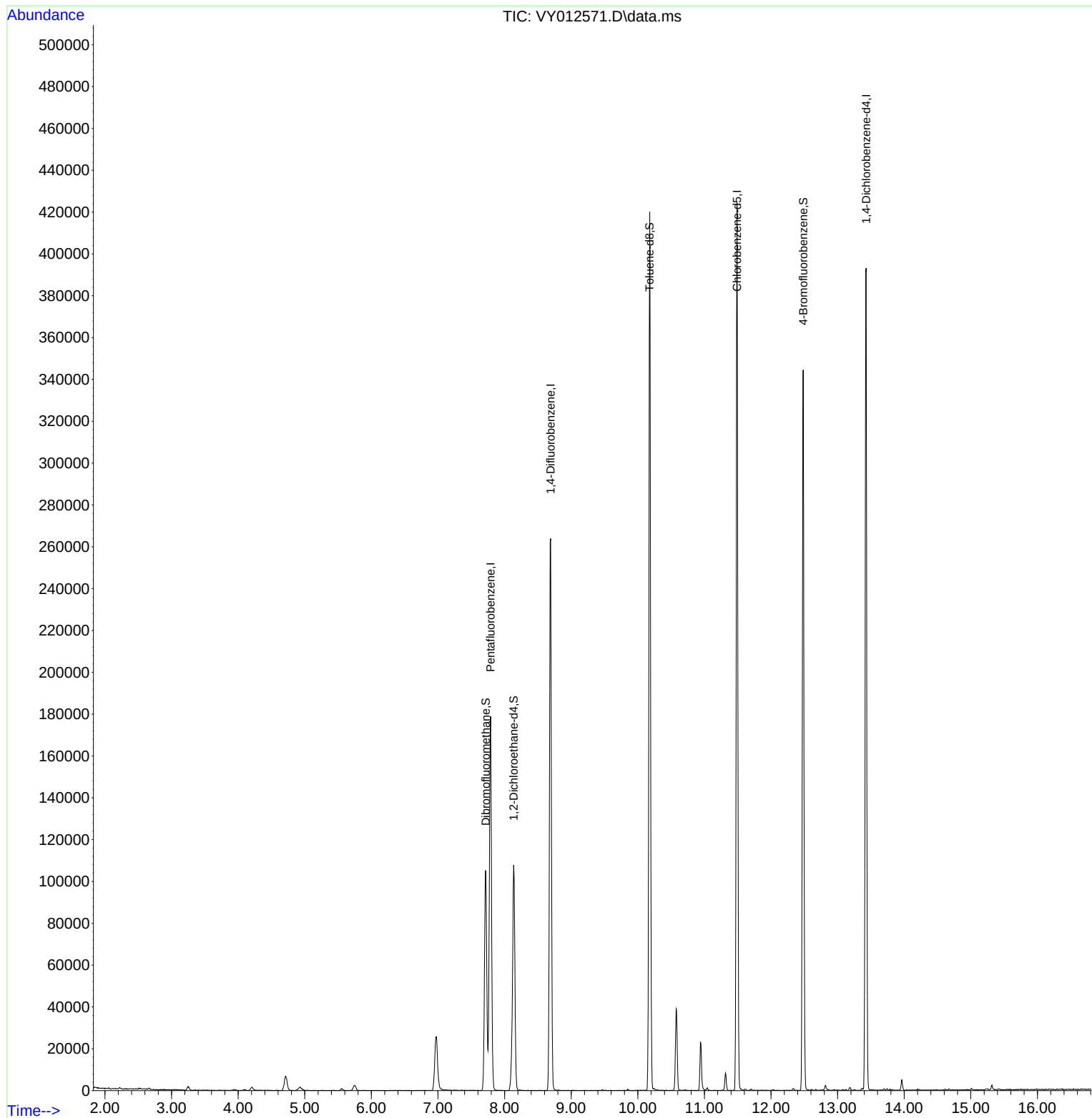
Target Compounds	Qvalue

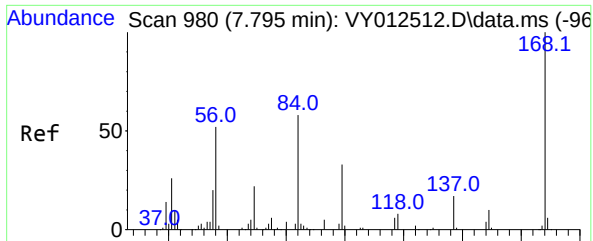
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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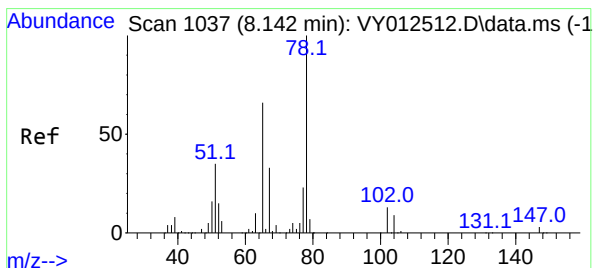
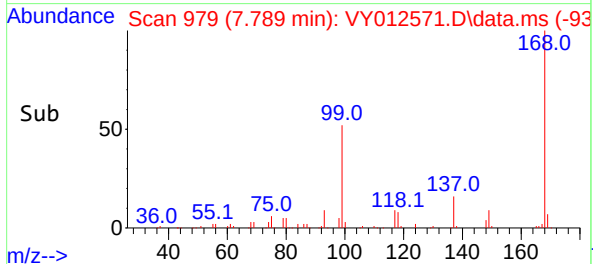
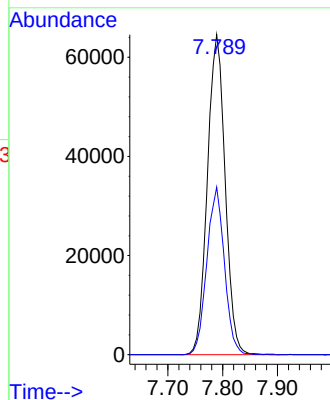
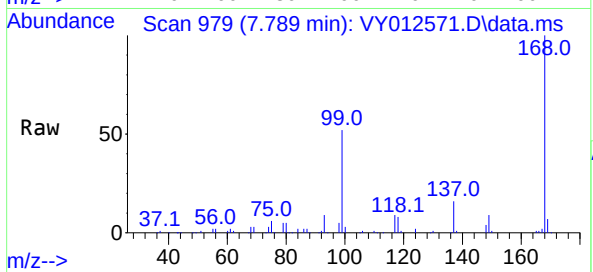




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012571.D
Acq: 10 Feb 2023 10:47

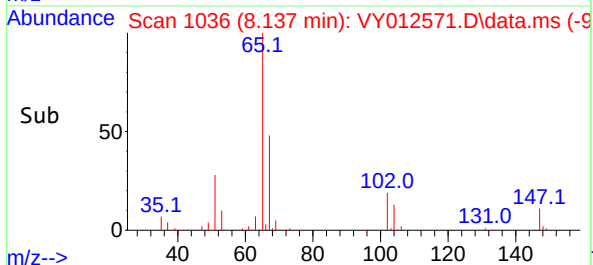
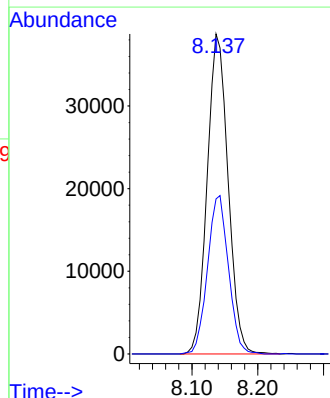
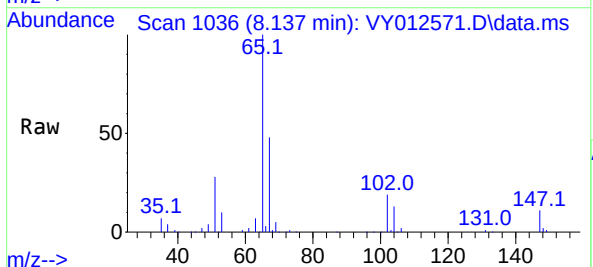
Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBL01

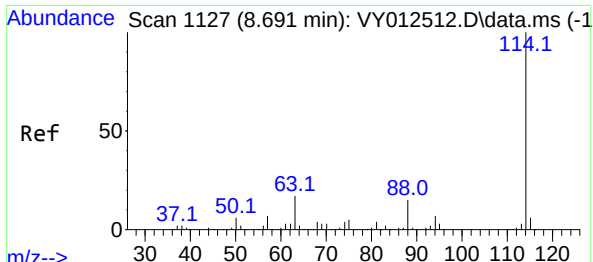
Tgt Ion:168 Resp: 144916
Ion Ratio Lower Upper
168 100
99 52.4 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 46.382 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012571.D
Acq: 10 Feb 2023 10:47

Tgt Ion: 65 Resp: 85472
Ion Ratio Lower Upper
65 100
67 49.6 0.0 98.6

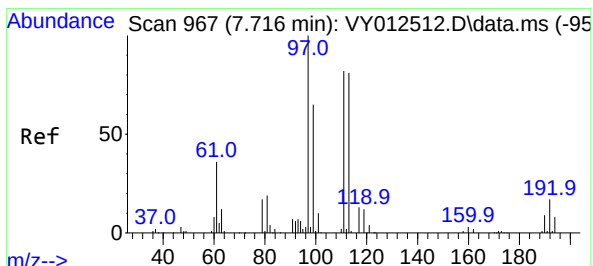
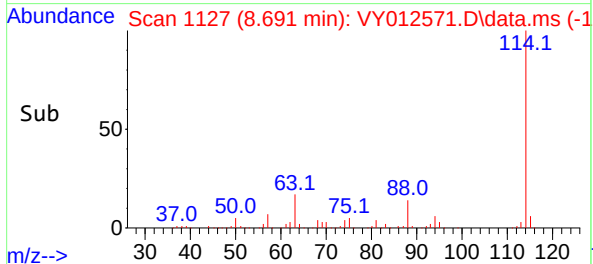
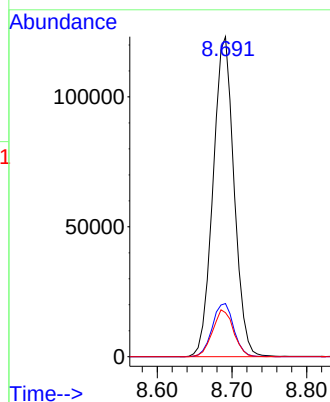
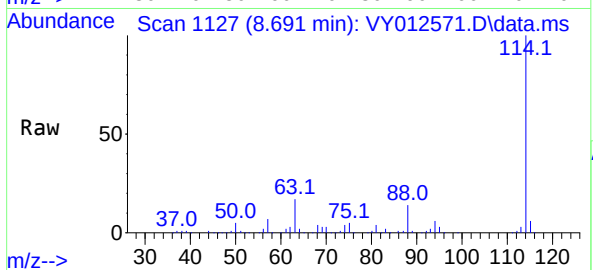




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012571.D
Acq: 10 Feb 2023 10:47

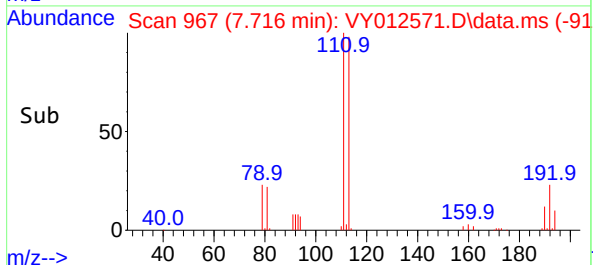
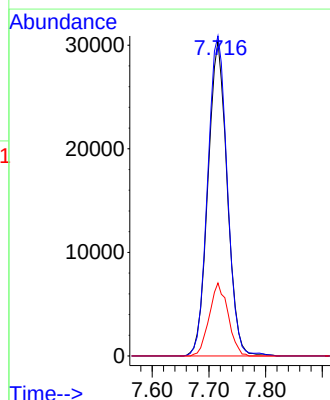
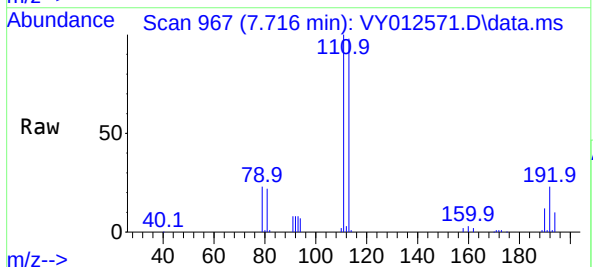
Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBL01

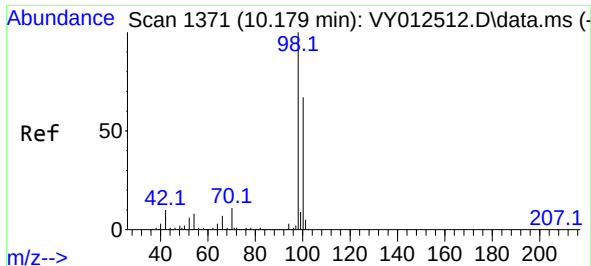
Tgt Ion:114 Resp: 240651
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.6
88 13.8 0.0 29.8



#35
Dibromofluoromethane
Concen: 40.757 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012571.D
Acq: 10 Feb 2023 10:47

Tgt Ion:113 Resp: 71429
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 22.7 17.5 26.3

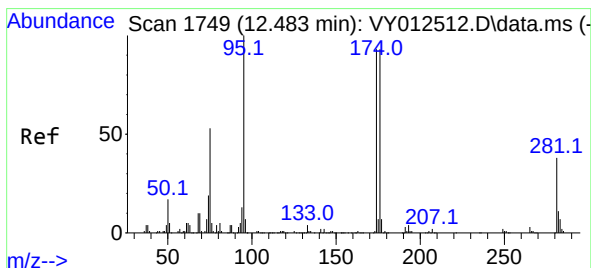
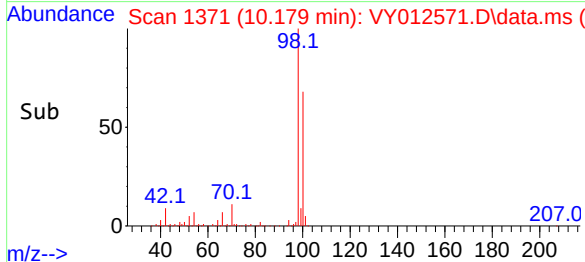
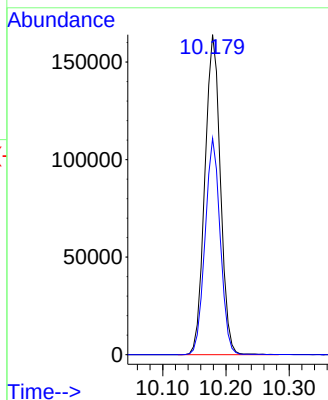
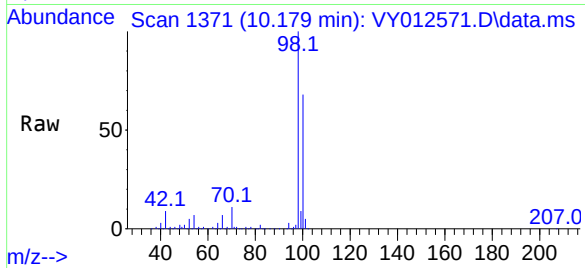




#50
Toluene-d8
Concen: 38.415 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012571.D
Acq: 10 Feb 2023 10:47

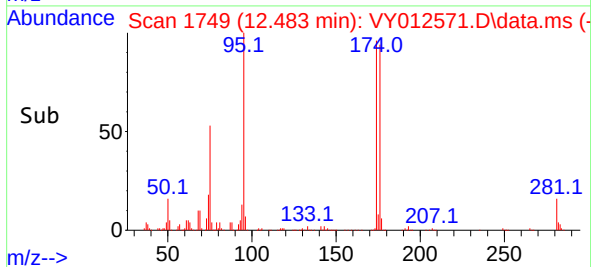
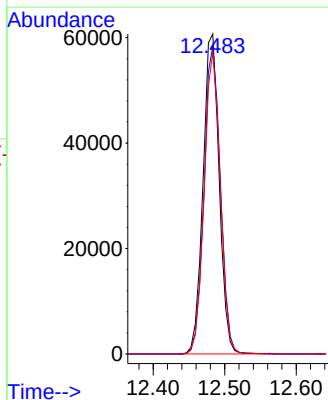
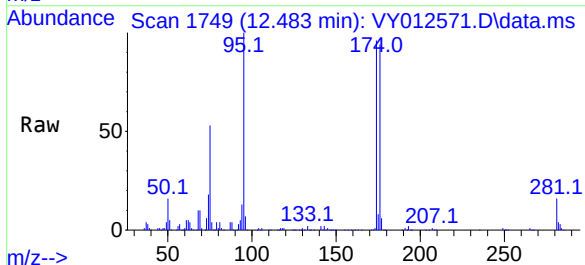
Instrument :
MSVOA_Y
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VY0210SBL01

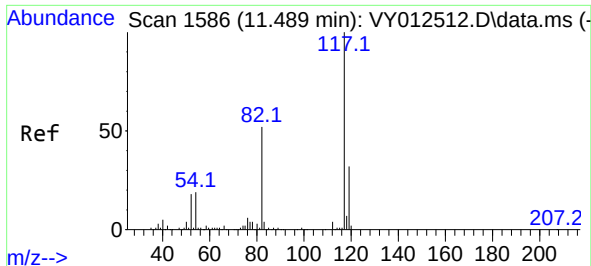
Tgt Ion: 98 Resp: 280225
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.417 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012571.D
Acq: 10 Feb 2023 10:47

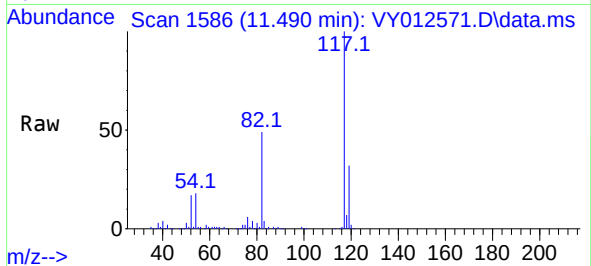
Tgt Ion: 95 Resp: 95204
Ion Ratio Lower Upper
95 100
174 97.2 0.0 188.0
176 94.0 0.0 183.6



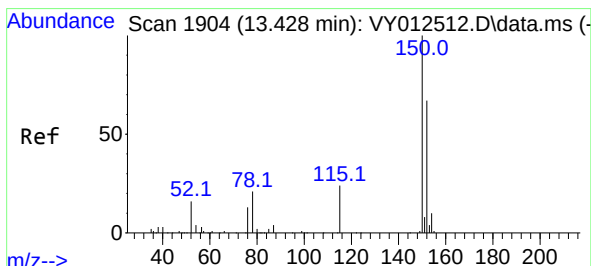
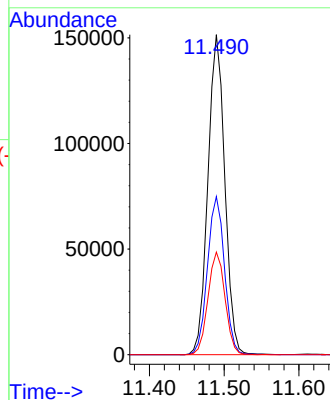
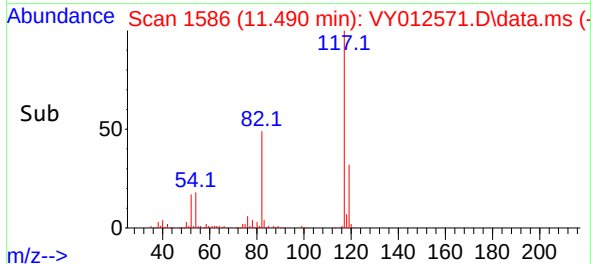


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012571.D
Acq: 10 Feb 2023 10:47

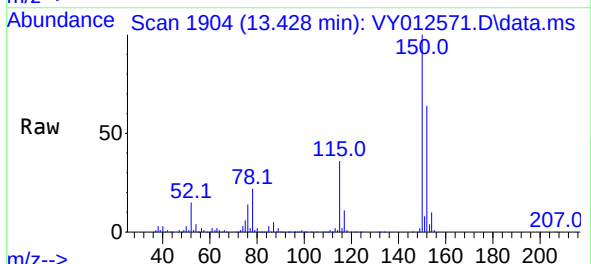
Instrument :
MSVOA_Y
ClientSampleId :
VY0210SBL01



Tgt Ion:117 Resp: 237722
Ion Ratio Lower Upper
117 100
82 49.4 41.7 62.5
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012571.D
Acq: 10 Feb 2023 10:47



Tgt Ion:152 Resp: 112871
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.3
150 155.8 0.0 351.0

