

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007639.D
 Acq On : 25 Feb 2022 16:11
 Operator : SY/MD
 Sample : N1664-10
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Feb 27 23:58:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	71031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	120871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	121125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61021	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	40647	51.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.880%
35) Dibromofluoromethane	7.716	113	38455	50.421	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.179	98	139138	49.361	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.477	95	52018	53.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.880%

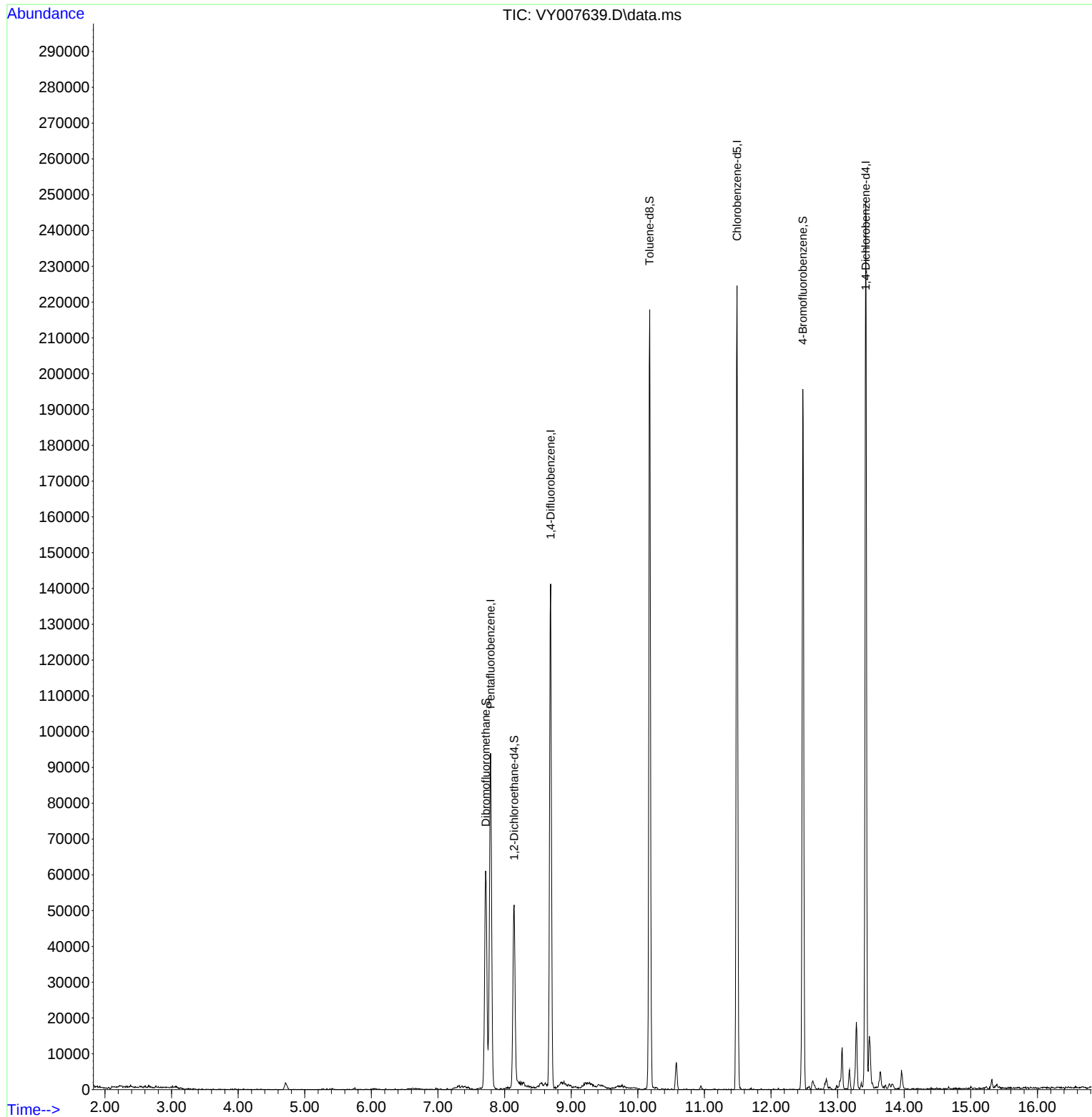
Target Compounds	Qvalue

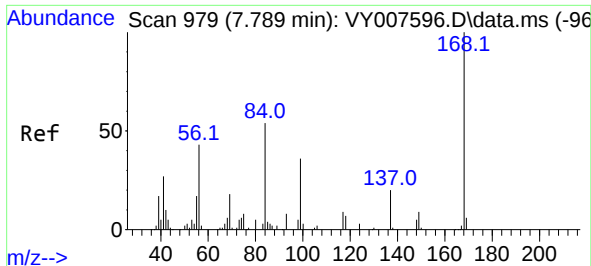
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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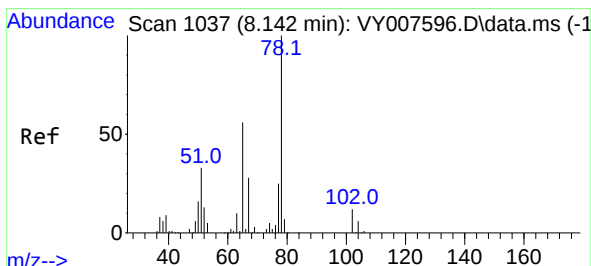
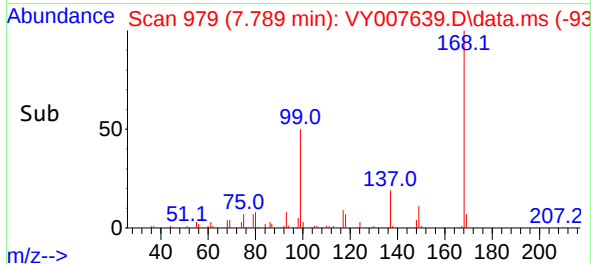
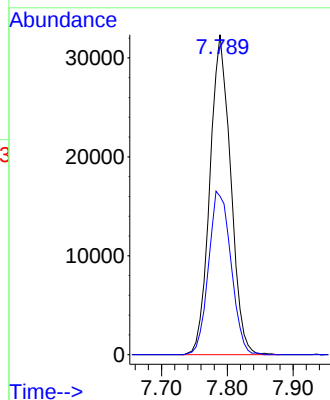
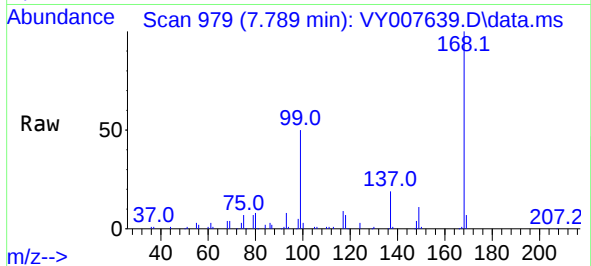




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

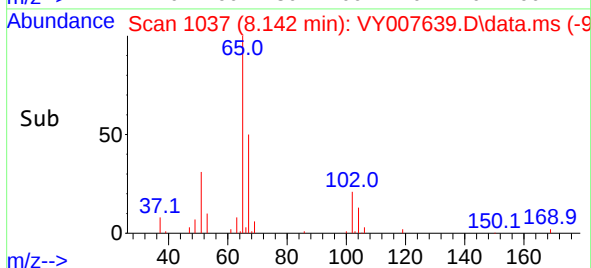
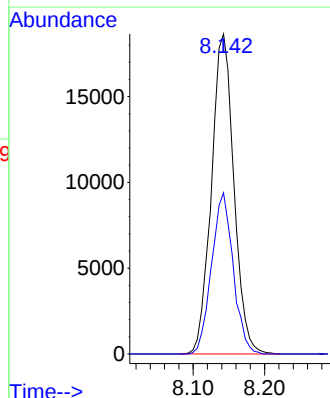
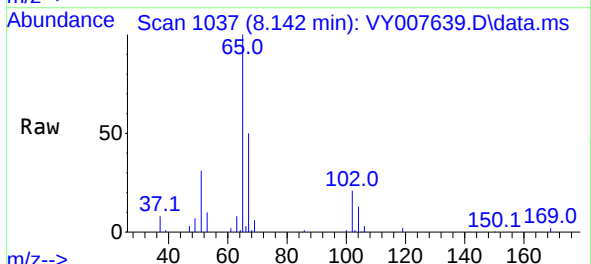
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

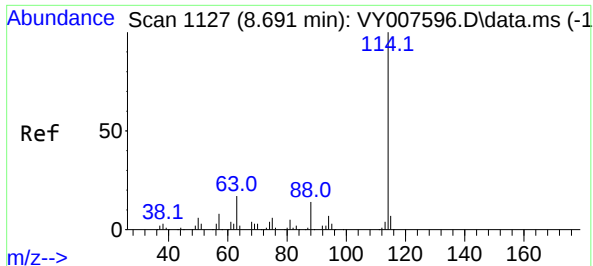
Tgt Ion:168 Resp: 71031
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.440 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Tgt Ion: 65 Resp: 40647
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.4

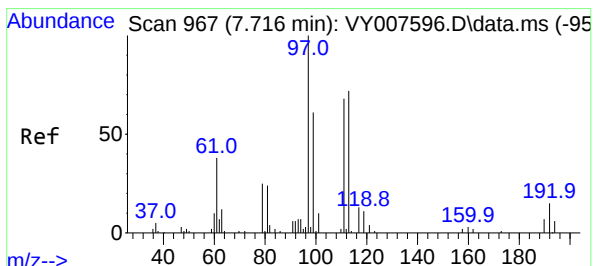
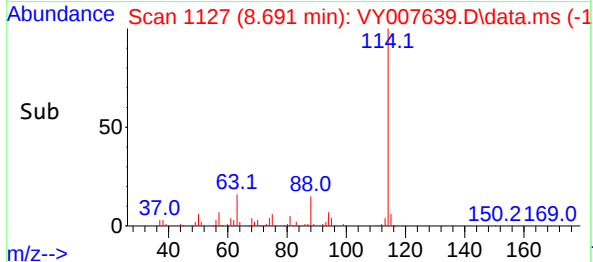
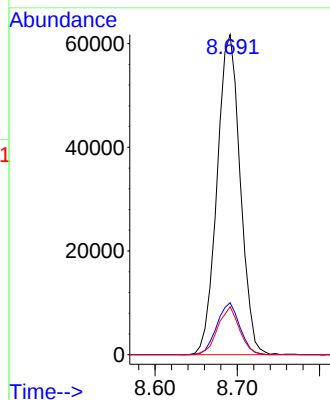
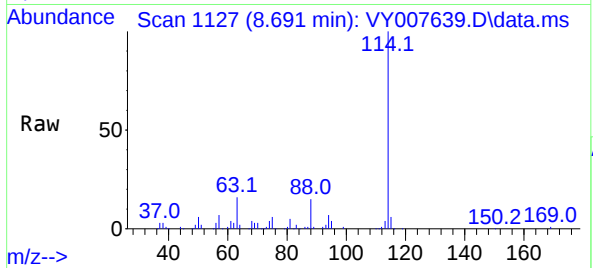




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

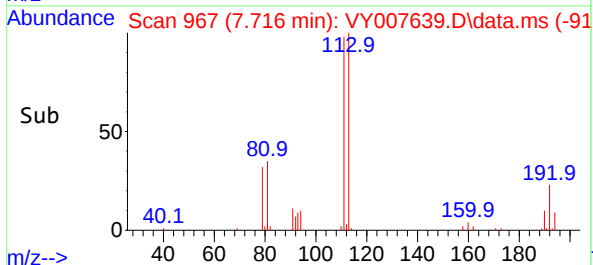
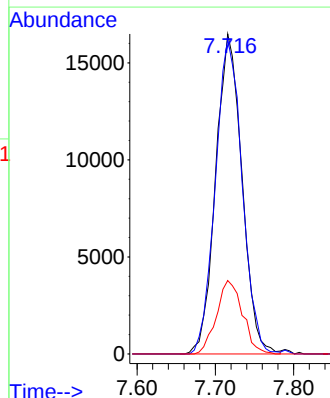
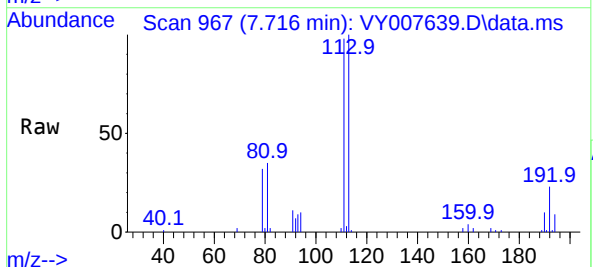
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

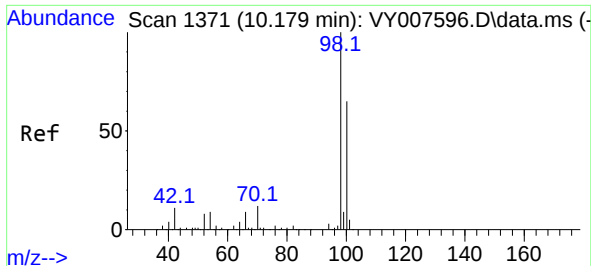
Tgt Ion:114 Resp: 120871
Ion Ratio Lower Upper
114 100
63 16.2 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.421 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Tgt Ion:113 Resp: 38455
Ion Ratio Lower Upper
113 100
111 100.2 82.6 124.0
192 22.7 17.6 26.4

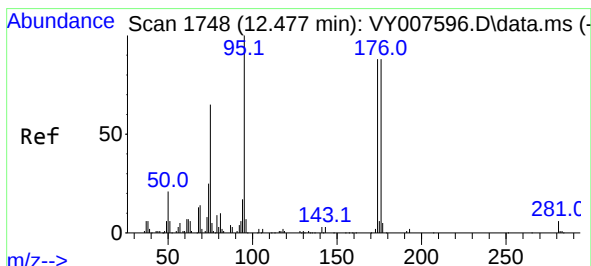
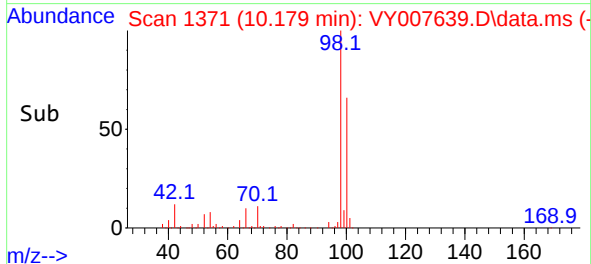
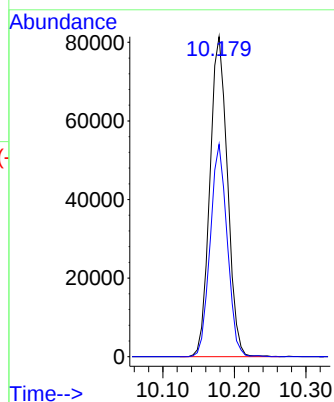
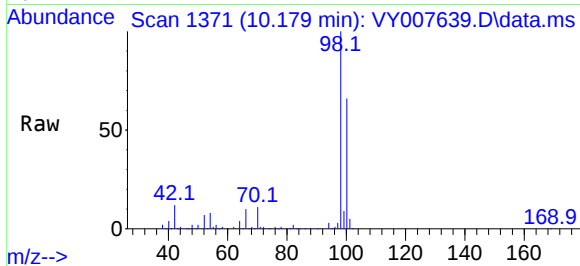




#50
Toluene-d8
Concen: 49.361 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

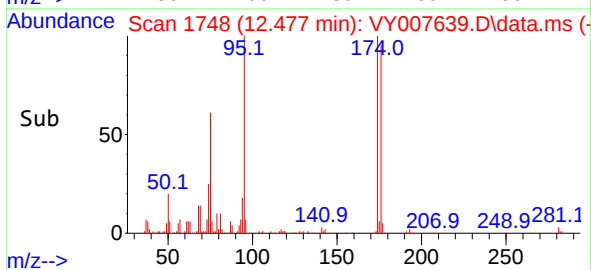
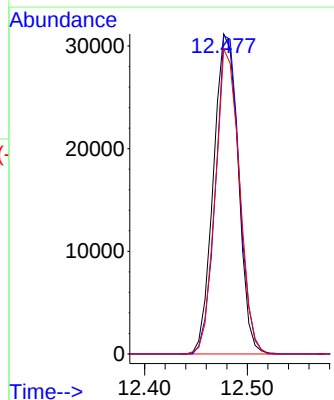
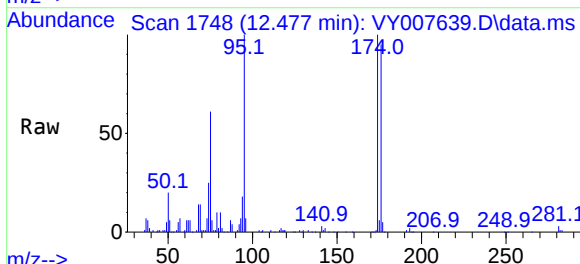
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

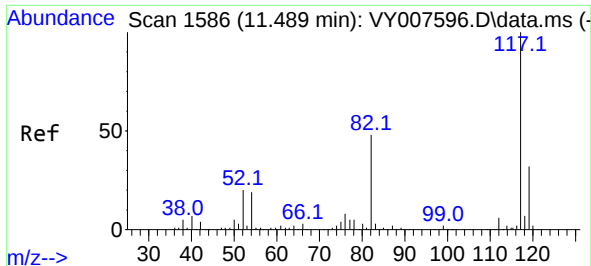
Tgt Ion: 98 Resp: 139138
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.940 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Tgt Ion: 95 Resp: 52018
Ion Ratio Lower Upper
95 100
174 95.1 0.0 177.0
176 92.7 0.0 175.8

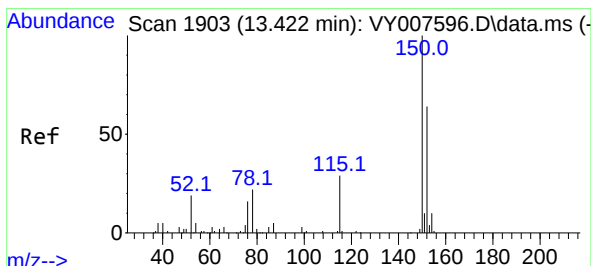
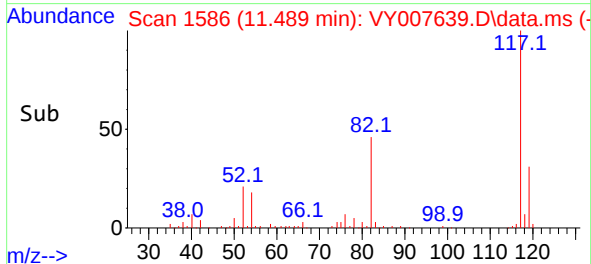
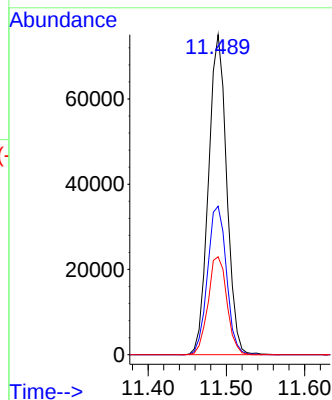
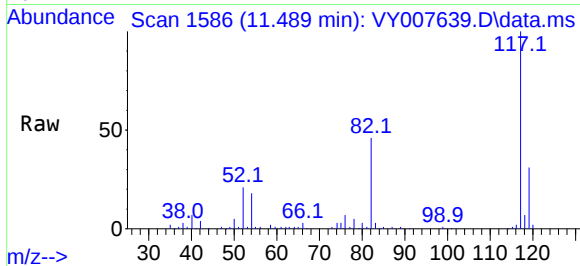




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 121125
Ion Ratio Lower Upper
117 100
82 46.4 43.0 64.4
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007639.D
Acq: 25 Feb 2022 16:11

Tgt Ion:152 Resp: 61021
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 158.3 0.0 347.6

