

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007332.D
 Acq On : 28 Jan 2022 19:39
 Operator : SY/MD
 Sample : N1333-04
 Misc : 3.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Jan 31 00:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	100329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	187725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81459	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66195	53.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.540%
35) Dibromofluoromethane	7.722	113	62902	49.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.179	98	232642	50.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.483	95	83818	50.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.600%

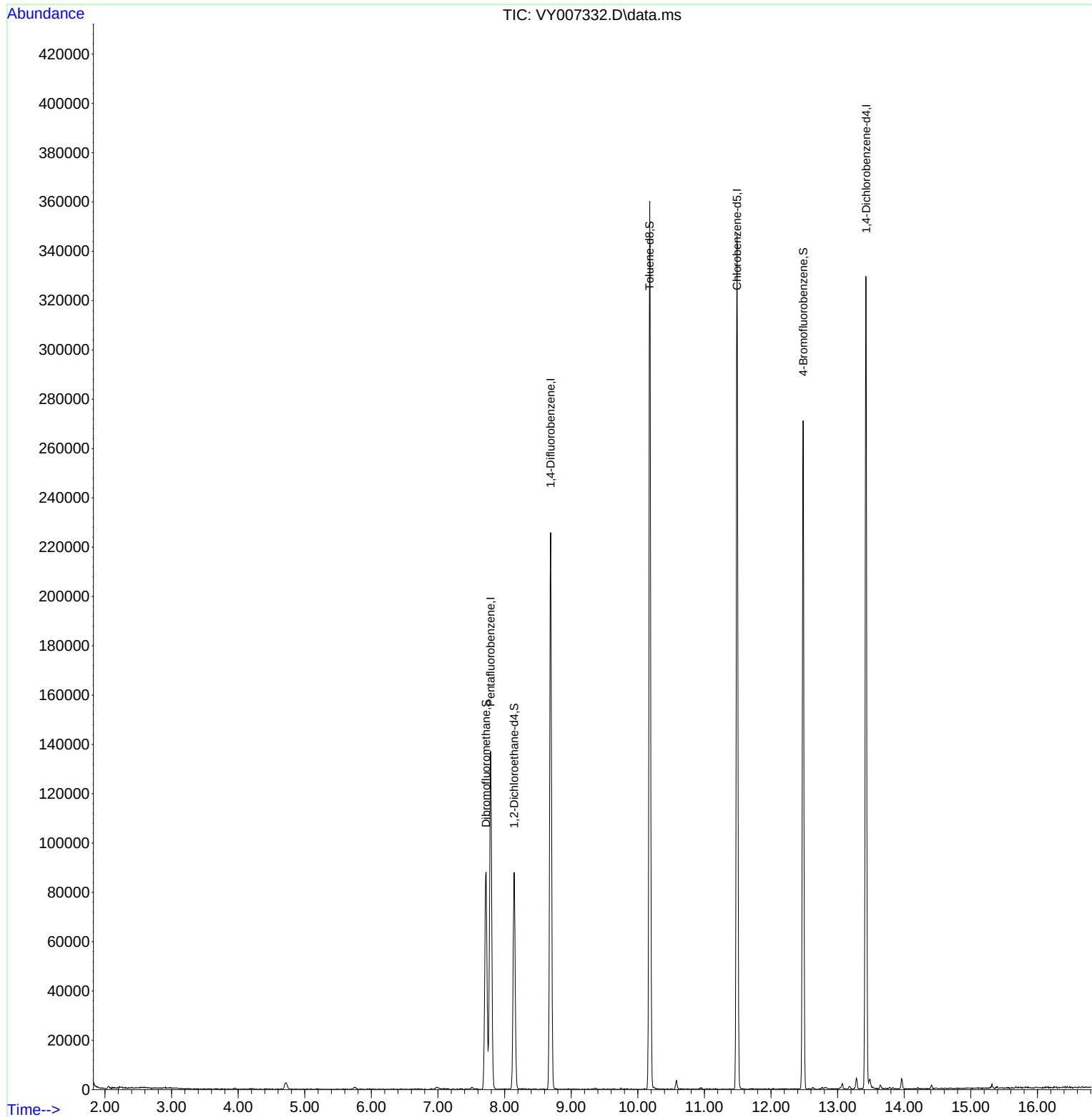
Target Compounds	Qvalue

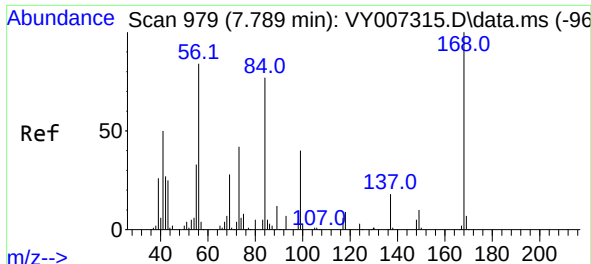
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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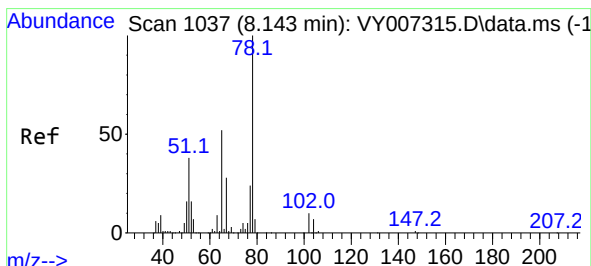
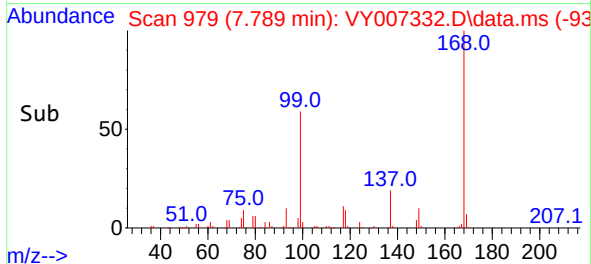
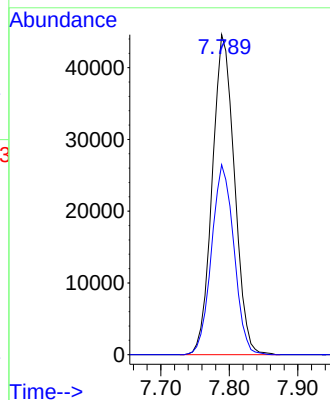
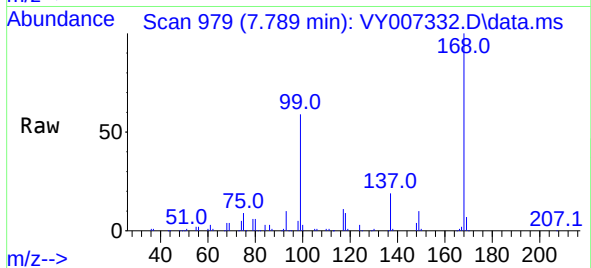




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007332.D
Acq: 28 Jan 2022 19:39

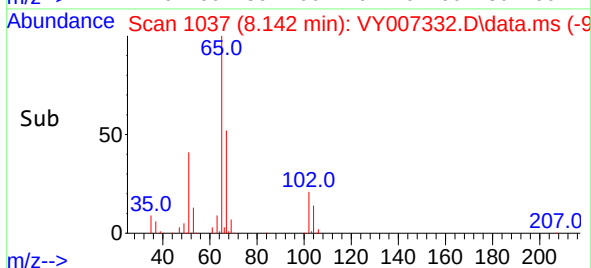
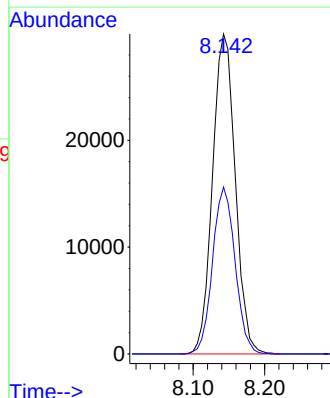
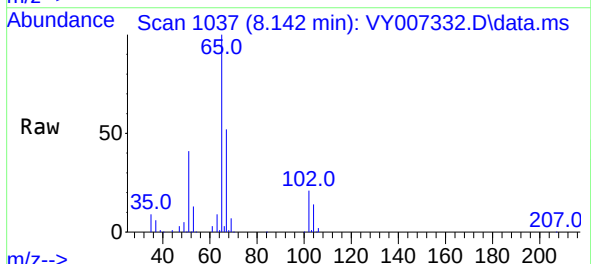
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

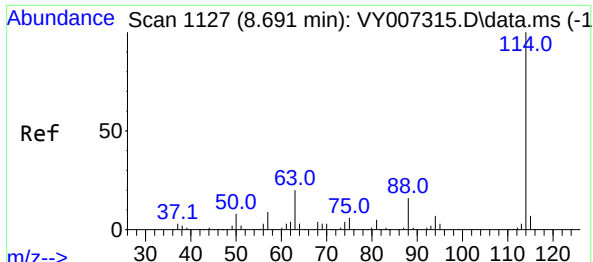
Tgt Ion:168 Resp: 100329
Ion Ratio Lower Upper
168 100
99 59.3 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 53.771 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007332.D
Acq: 28 Jan 2022 19:39

Tgt Ion: 65 Resp: 66195
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.6

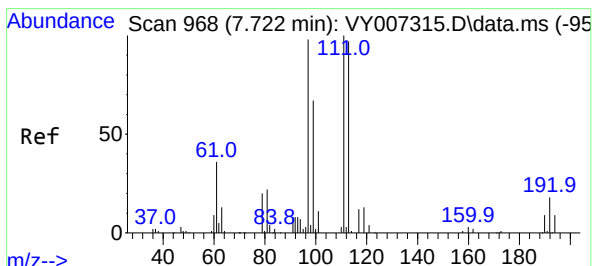
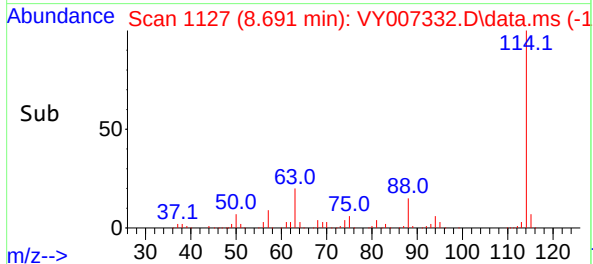
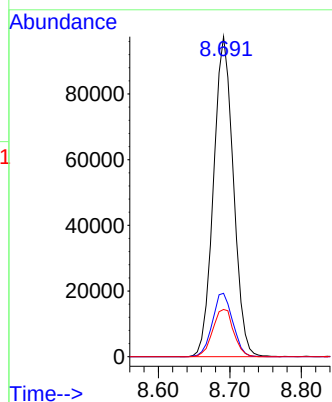
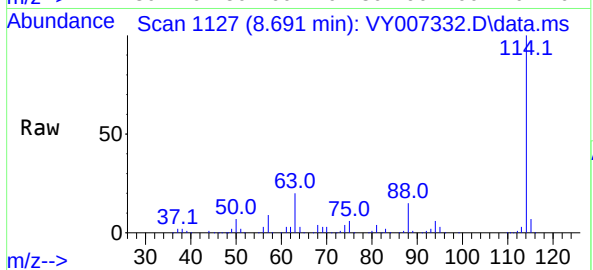




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007332.D
Acq: 28 Jan 2022 19:39

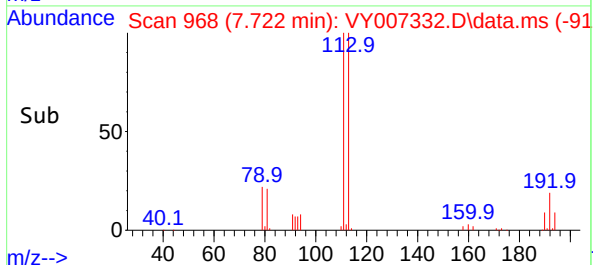
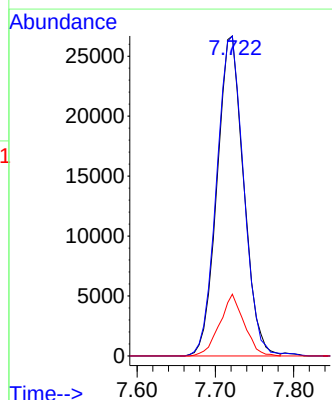
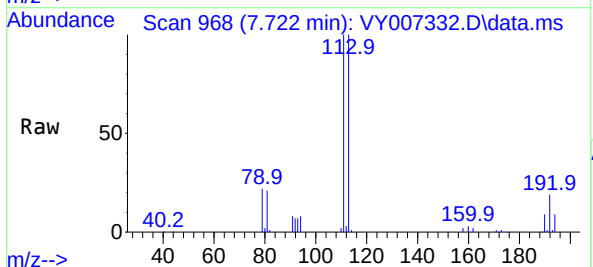
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

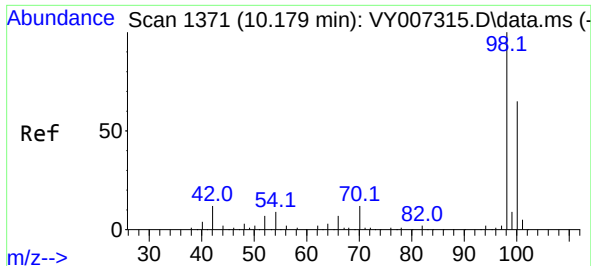
Tgt Ion:114 Resp: 187725
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 14.8 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.554 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007332.D
Acq: 28 Jan 2022 19:39

Tgt Ion:113 Resp: 62902
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 17.8 14.2 21.4

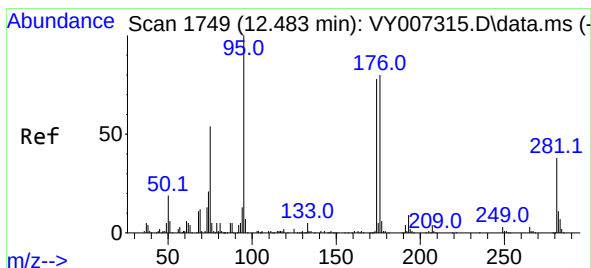
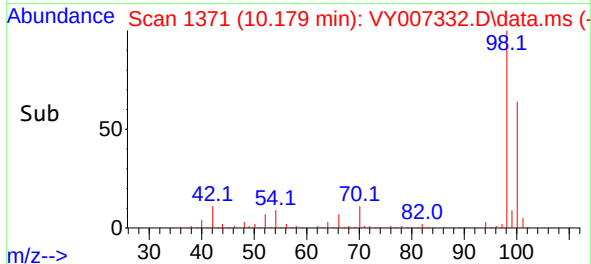
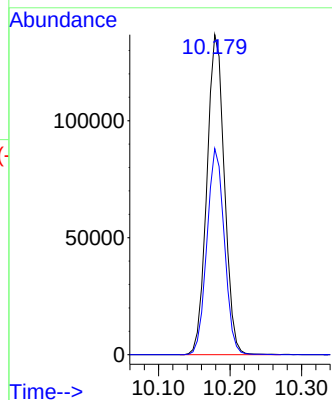
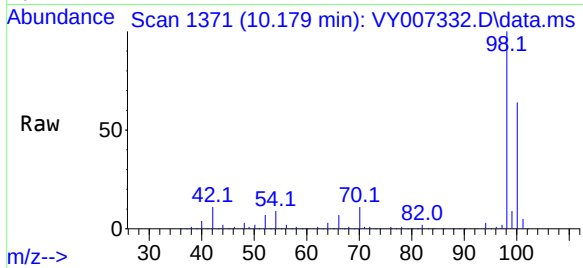




#50
Toluene-d8
Concen: 50.158 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007332.D
Acq: 28 Jan 2022 19:39

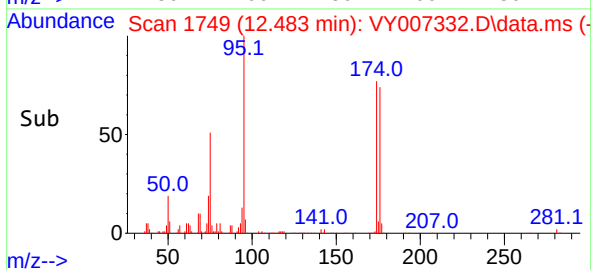
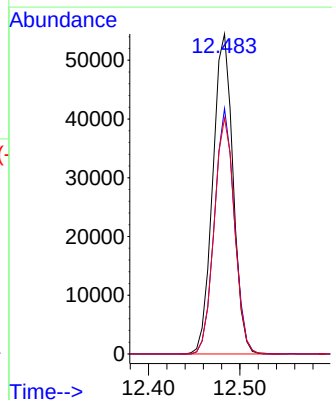
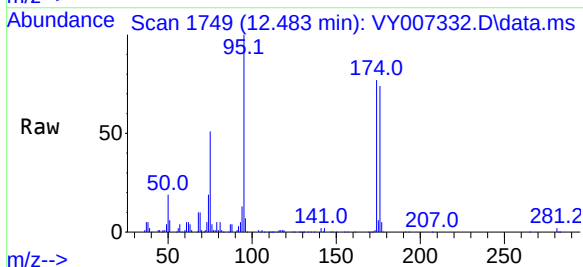
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

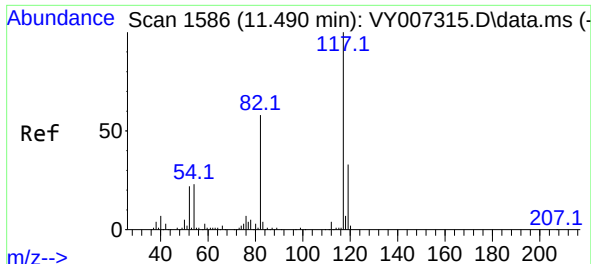
Tgt Ion: 98 Resp: 232642
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.802 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007332.D
Acq: 28 Jan 2022 19:39

Tgt Ion: 95 Resp: 83818
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.4
176 74.2 0.0 146.6



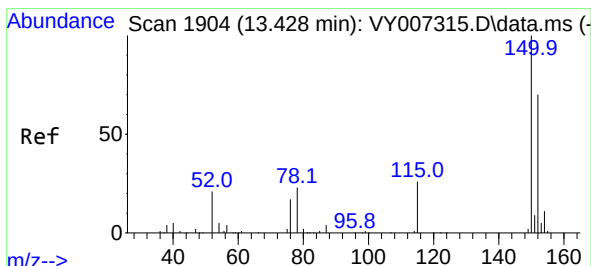
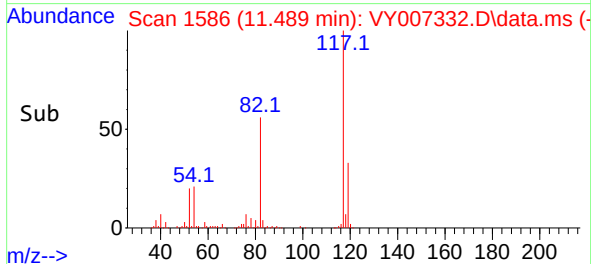
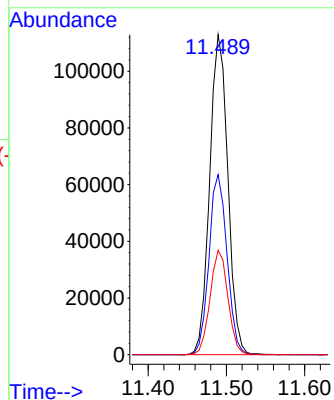
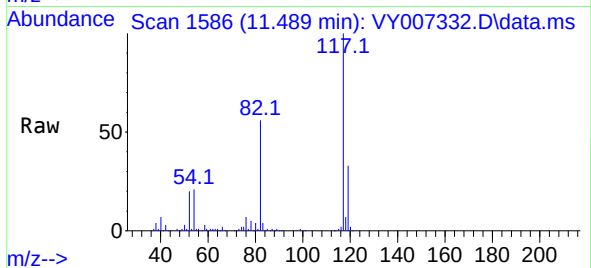


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007332.D
Acq: 28 Jan 2022 19:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Tgt Ion:117 Resp: 181944

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.0
119	32.6	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007332.D
Acq: 28 Jan 2022 19:39

Tgt Ion:152 Resp: 81459

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.4	94.0
150	159.7	0.0	348.4

