

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007319.D
 Acq On : 28 Jan 2022 14:35
 Operator : SY/MD
 Sample : N1309-01
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(1)

Quant Time: Jan 31 00:30:23 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	106888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	189386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65829	50.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.380%
35) Dibromofluoromethane	7.722	113	66586	49.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.720%
50) Toluene-d8	10.179	98	244815	49.667	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.483	95	87423	49.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.720%

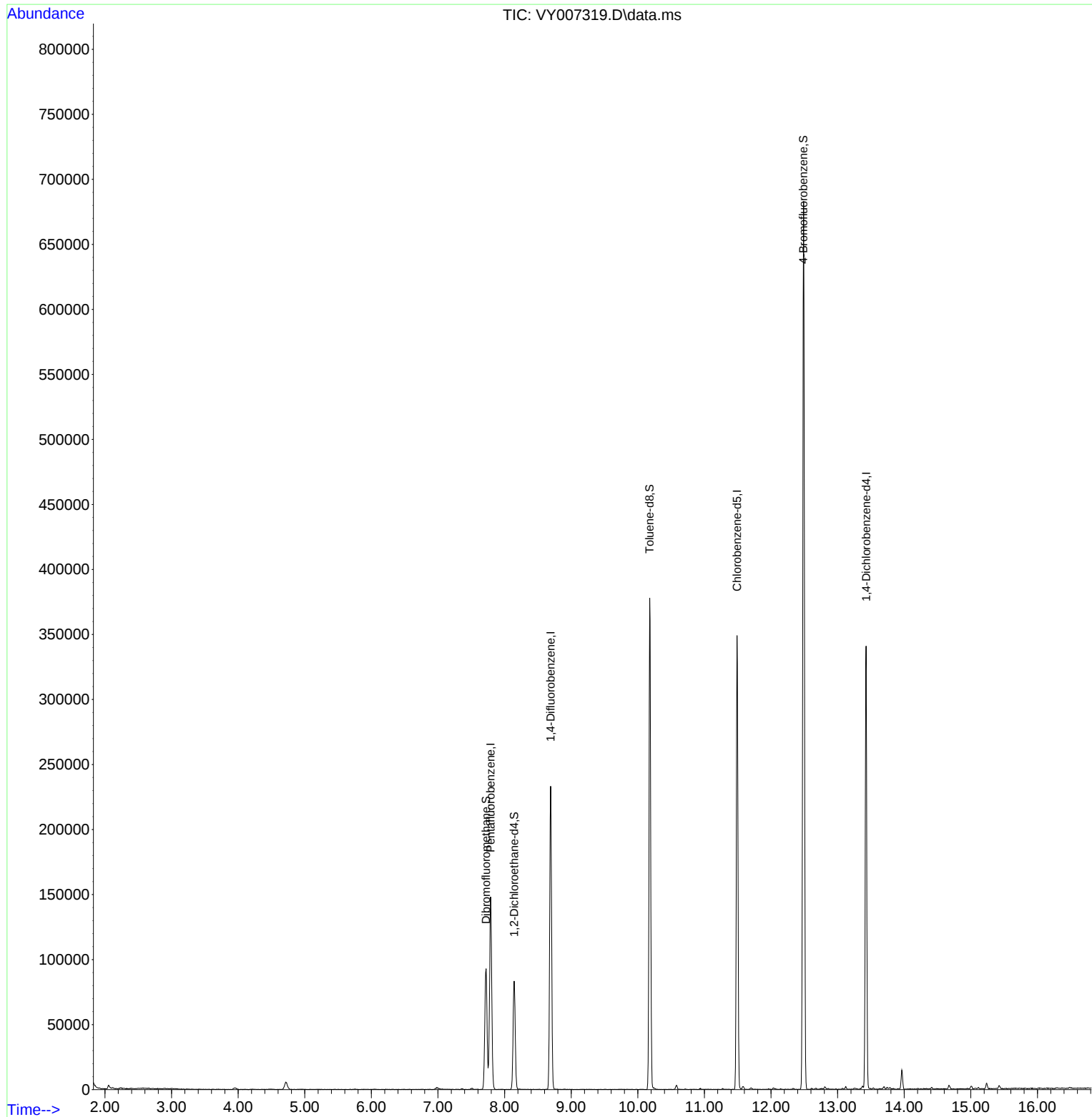
Target Compounds	Qvalue

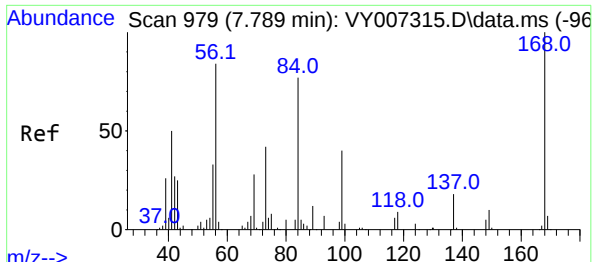
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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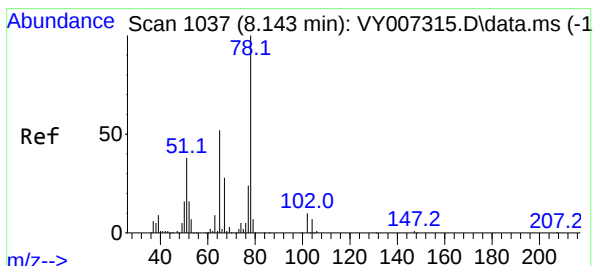
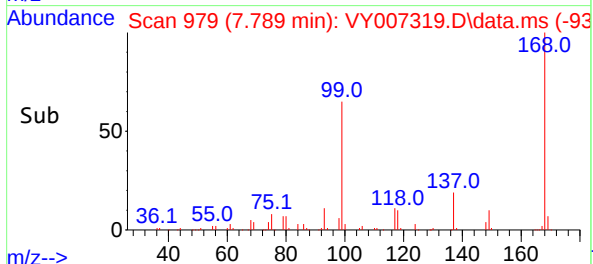
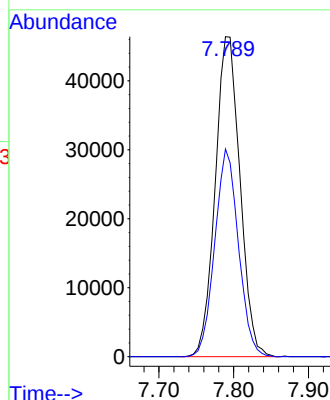
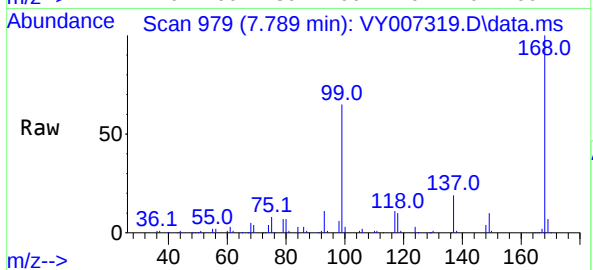




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

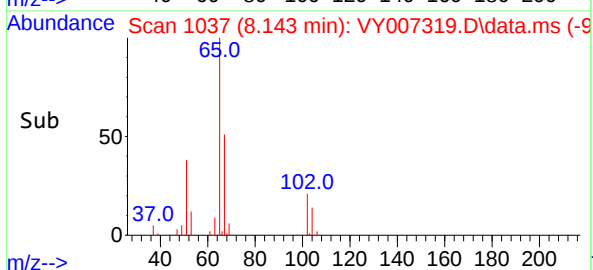
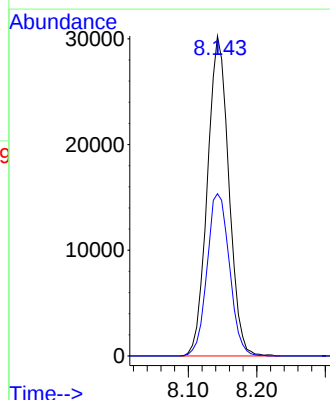
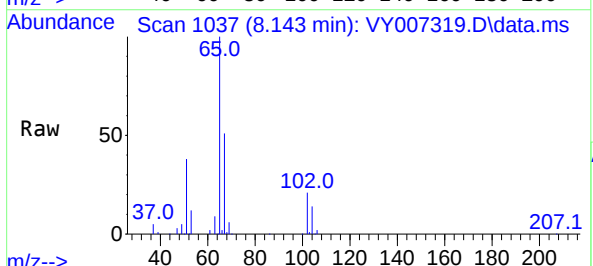
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(1)

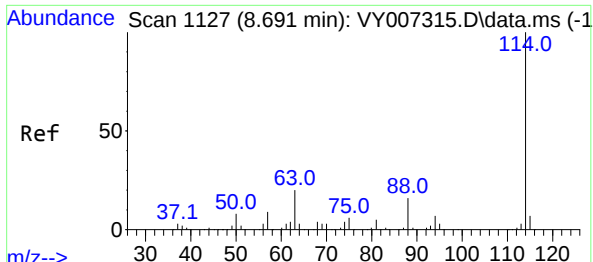
Tgt Ion:168 Resp: 106888
Ion Ratio Lower Upper
168 100
99 64.9 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 50.193 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Tgt Ion: 65 Resp: 65829
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6

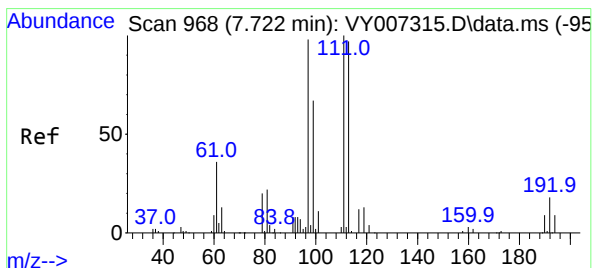
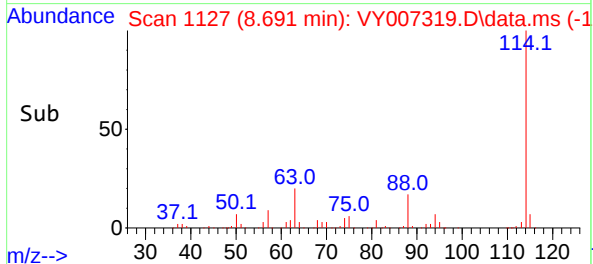
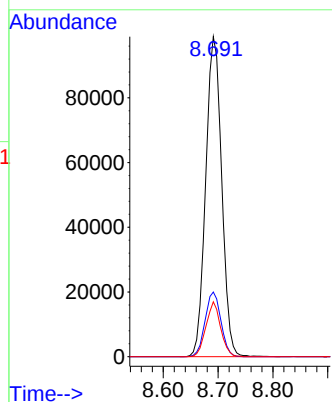
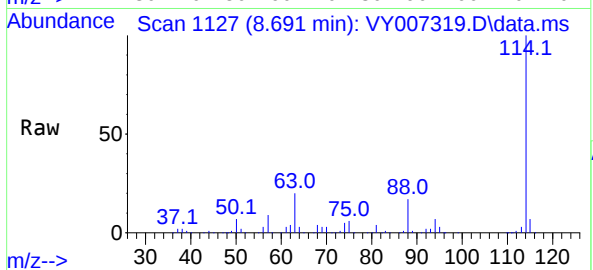




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

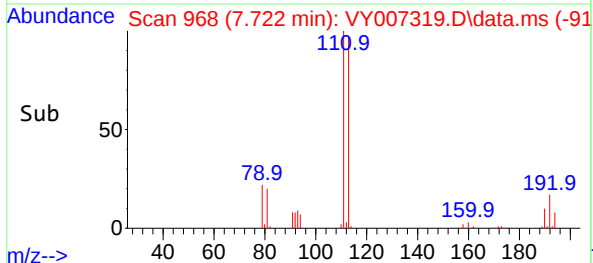
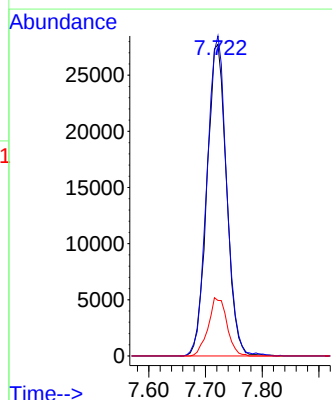
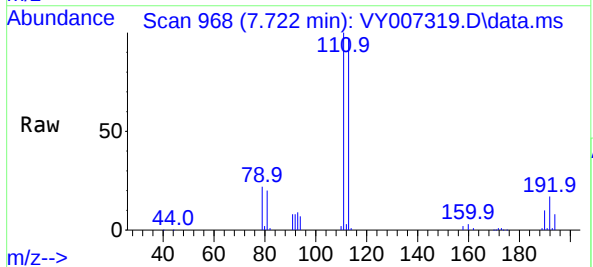
Instrument :
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ClientSampleId :
STATE-ST-SP1-(1)

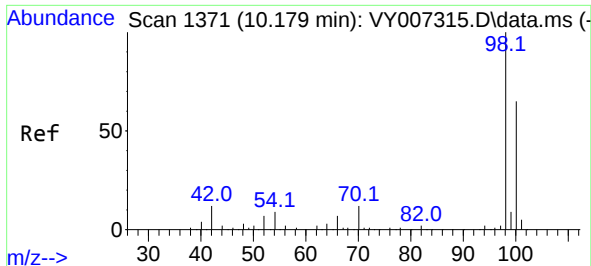
Tgt Ion:114 Resp: 199499
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 17.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.360 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Tgt Ion:113 Resp: 66586
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.8 14.2 21.4

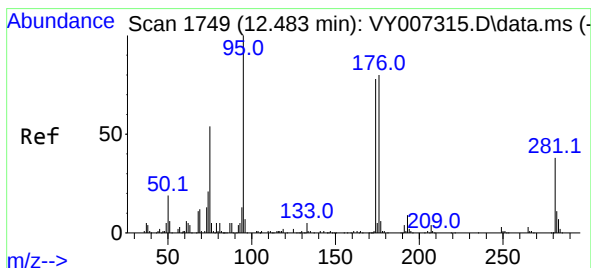
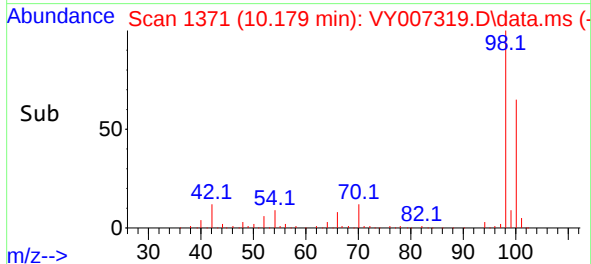
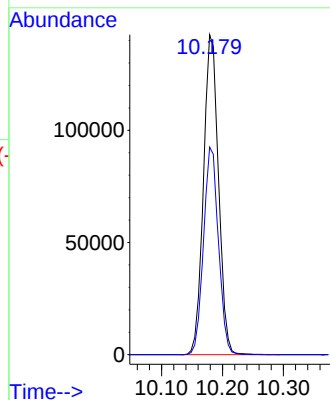
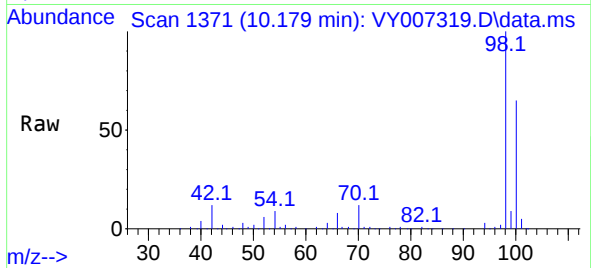




#50
Toluene-d8
Concen: 49.667 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

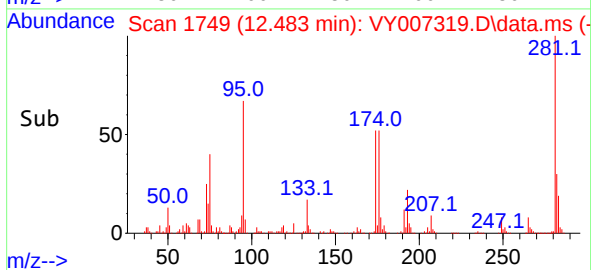
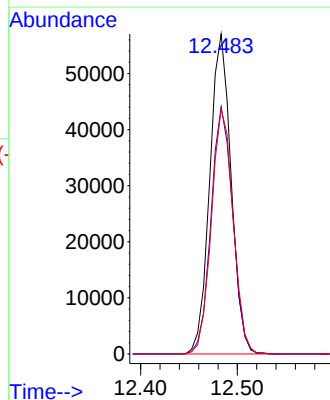
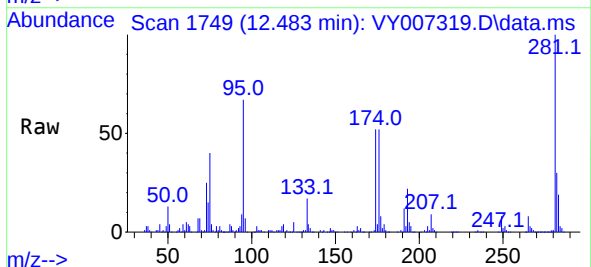
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(1)

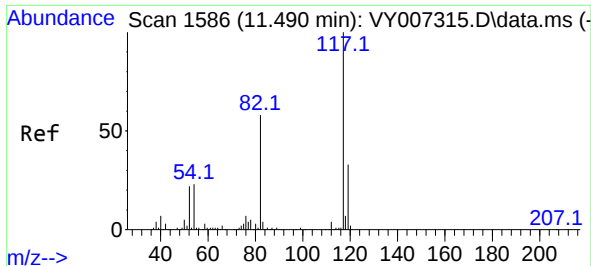
Tgt Ion: 98 Resp: 244815
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.860 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Tgt Ion: 95 Resp: 87423
Ion Ratio Lower Upper
95 100
174 78.5 0.0 148.4
176 77.8 0.0 146.6

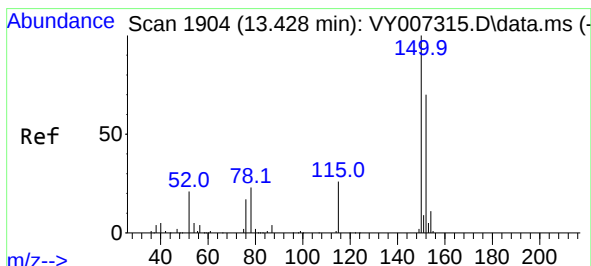
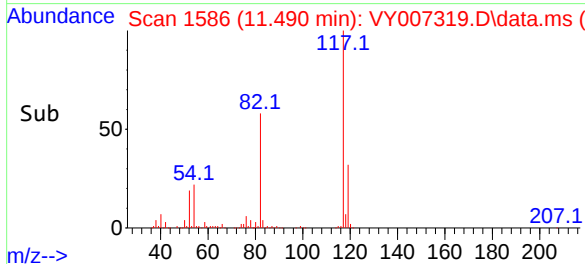
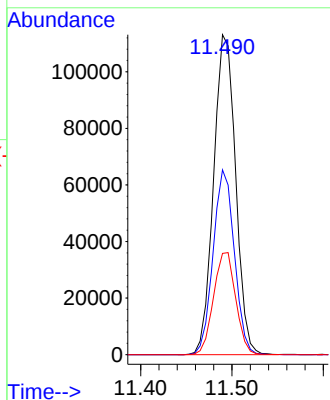
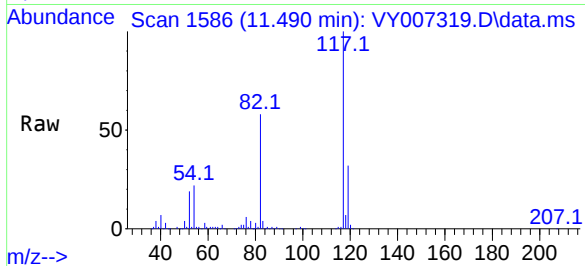




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007319.D
Acq: 28 Jan 2022 14:35

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(1)

Tgt Ion:117 Resp: 189386
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.0
119 31.6 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: VY007319.D
Acq: 28 Jan 2022 14:35

Tgt Ion:152 Resp: 82067
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.0
150 158.0 0.0 348.4

