

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007323.D
 Acq On : 28 Jan 2022 16:09
 Operator : SY/MD
 Sample : N1309-05
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(5)

Quant Time: Jan 31 00:30:56 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	7.795	168	103180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80351	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65236	51.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.060%
35) Dibromofluoromethane	7.721	113	63074	48.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.840%
50) Toluene-d8	10.178	98	235734	50.042	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.483	95	87348	52.127	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.260%

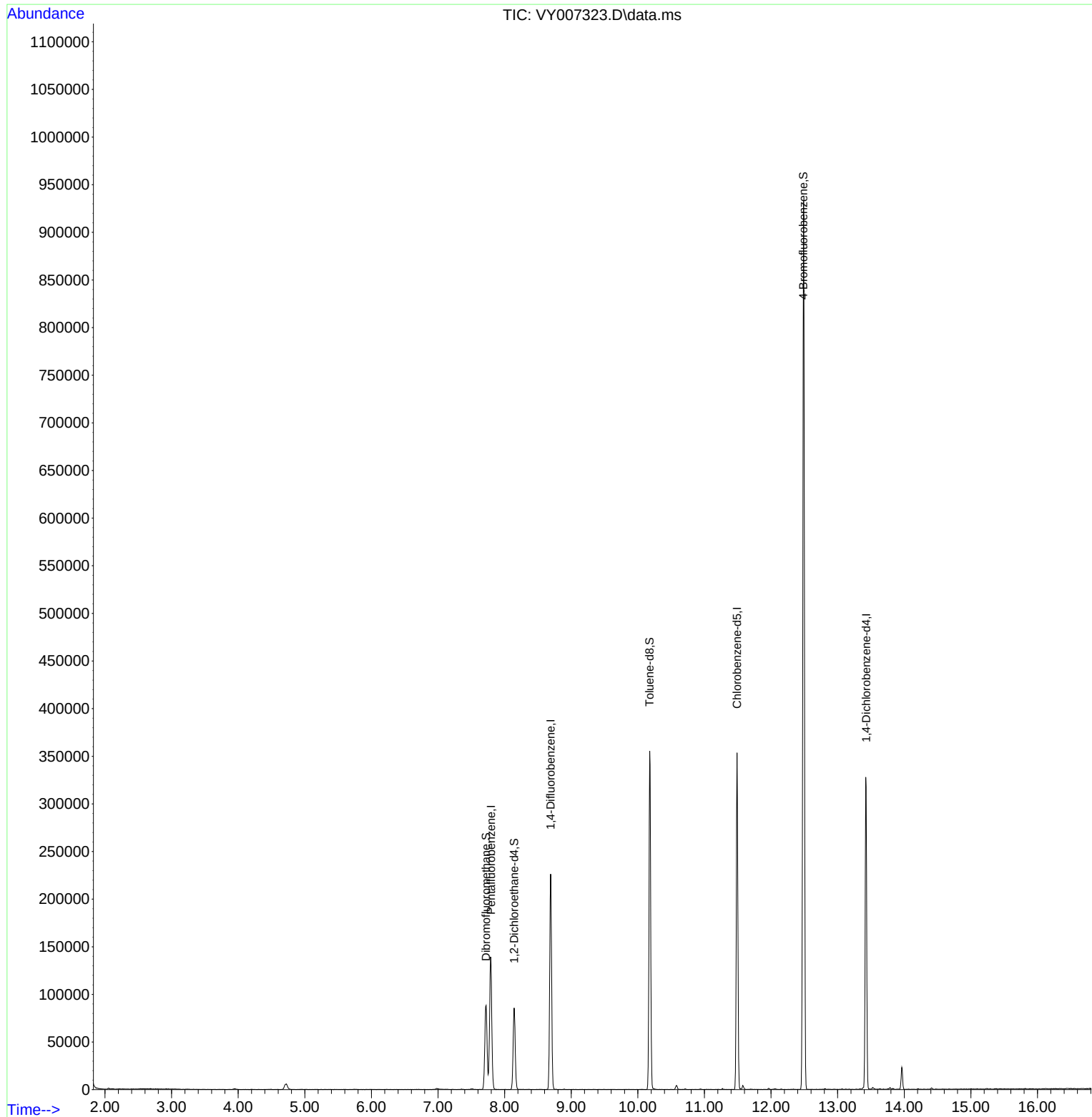
Target Compounds	Qvalue

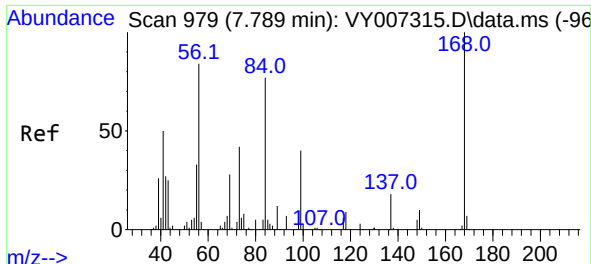
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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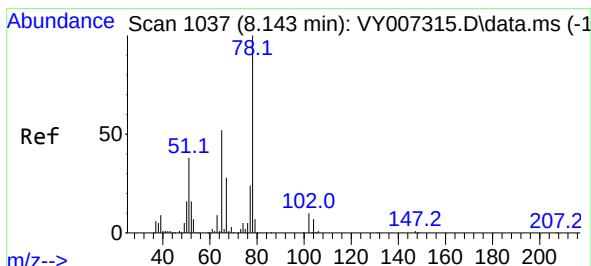
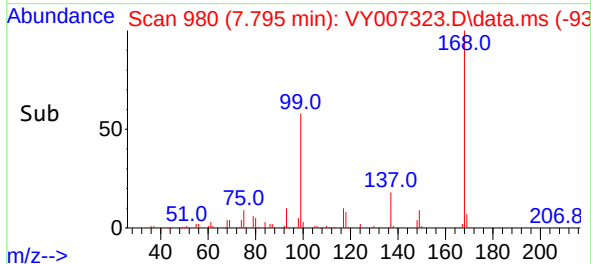
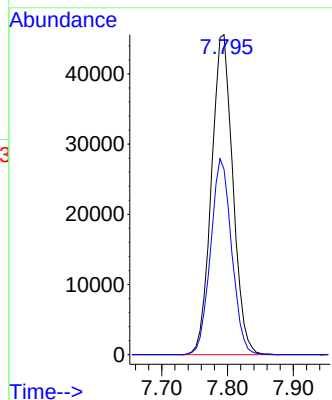
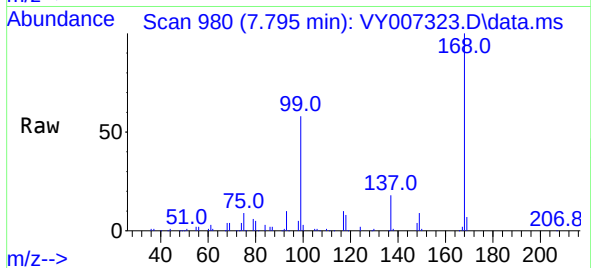




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

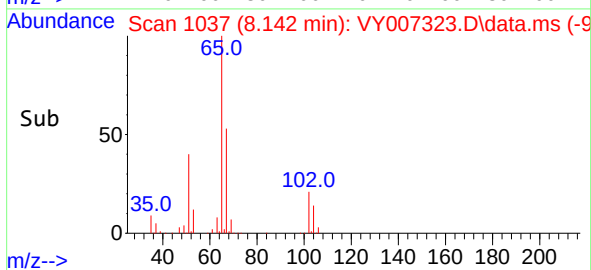
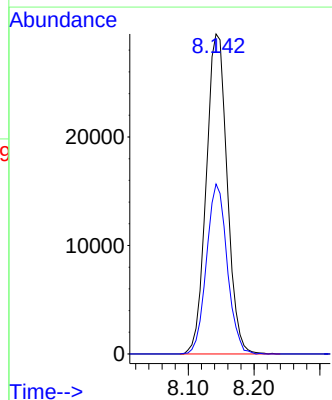
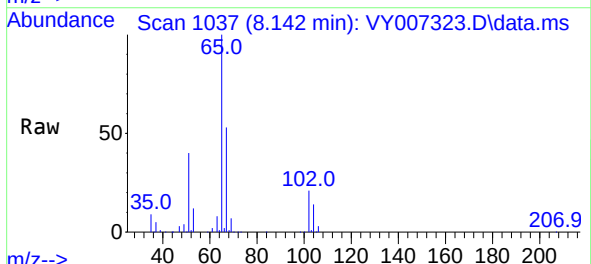
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(5)

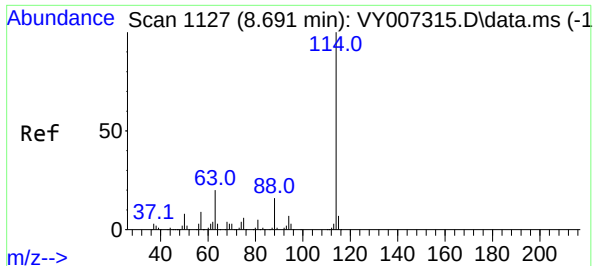
Tgt Ion:168 Resp: 103180
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 51.528 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Tgt Ion: 65 Resp: 65236
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.6

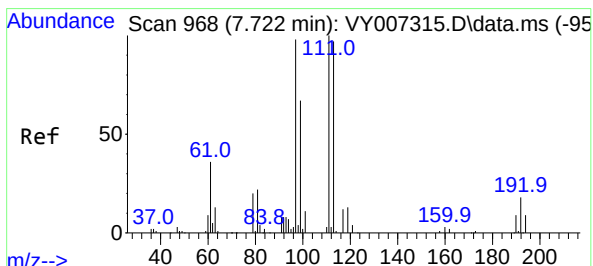
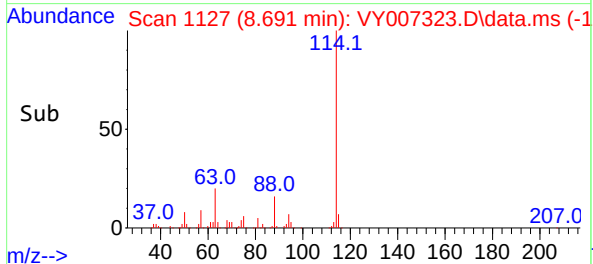
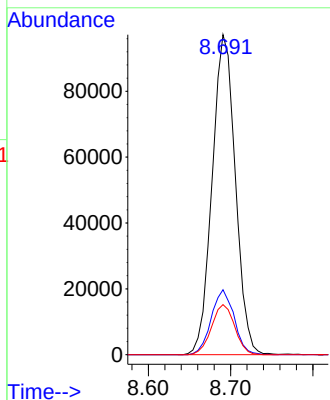
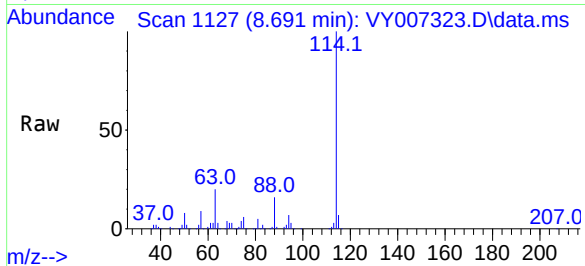




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

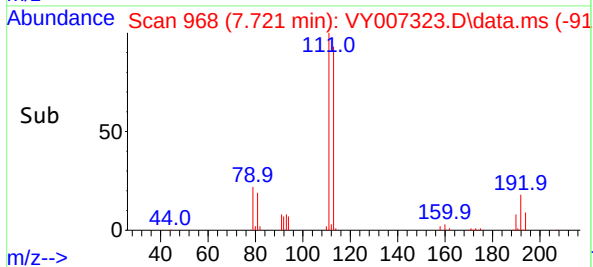
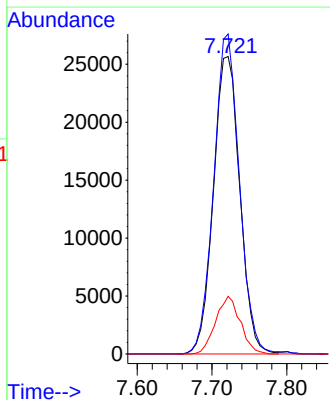
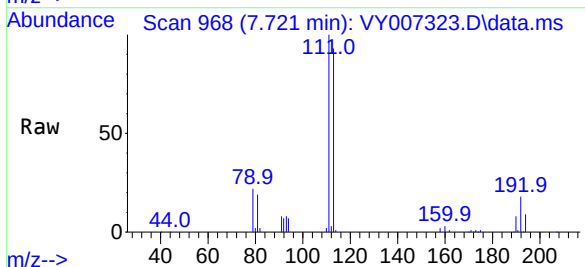
Instrument :
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ClientSampleId :
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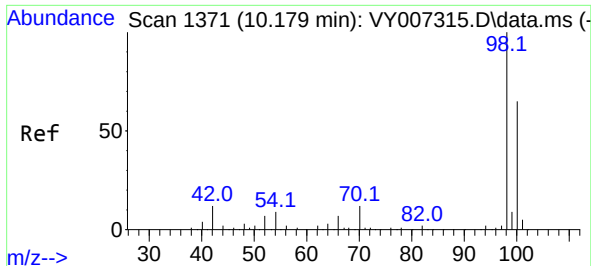
Tgt Ion:	114	Resp:	190659
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.2
88	15.6	0.0	31.0



#35
Dibromofluoromethane
Concen: 48.925 ug/l
RT: 7.721 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Tgt Ion:	113	Resp:	63074
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	18.1	14.2	21.4

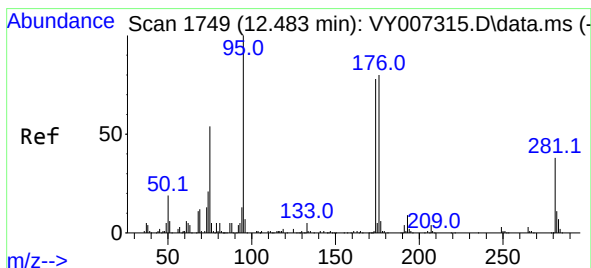
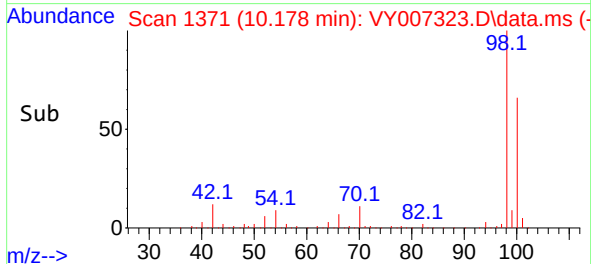
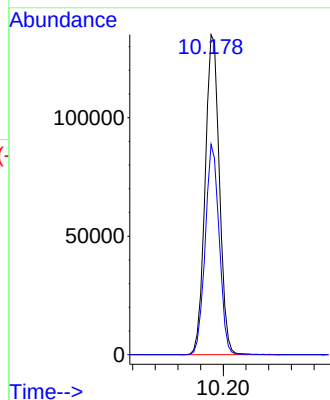
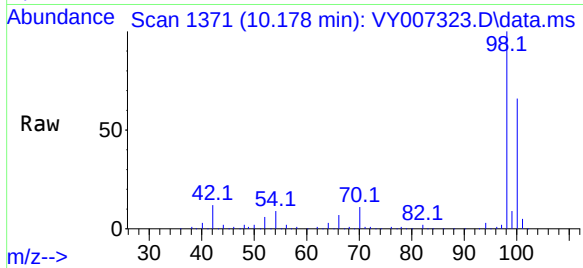




#50
Toluene-d8
Concen: 50.042 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

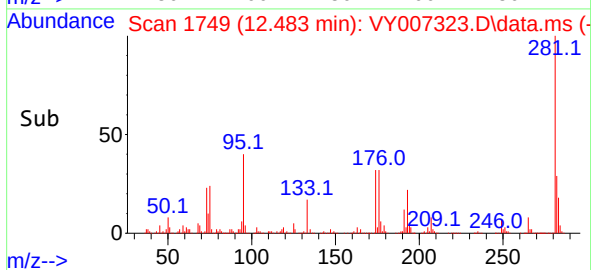
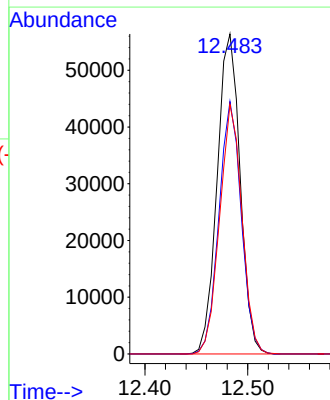
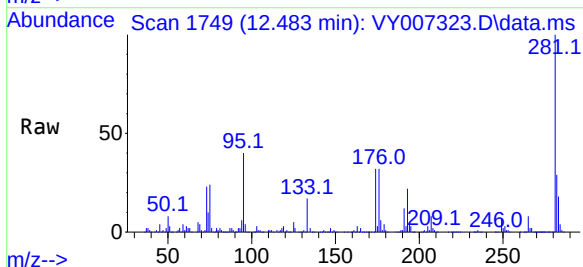
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(5)

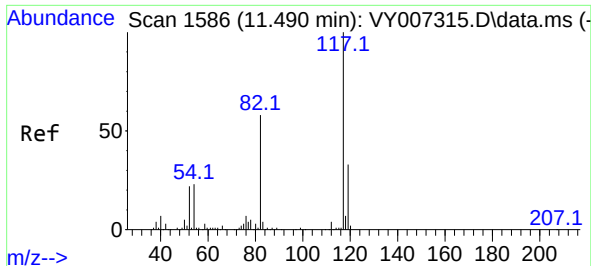
Tgt Ion: 98 Resp: 235734
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 52.127 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Tgt Ion: 95 Resp: 87348
Ion Ratio Lower Upper
95 100
174 76.8 0.0 148.4
176 75.7 0.0 146.6

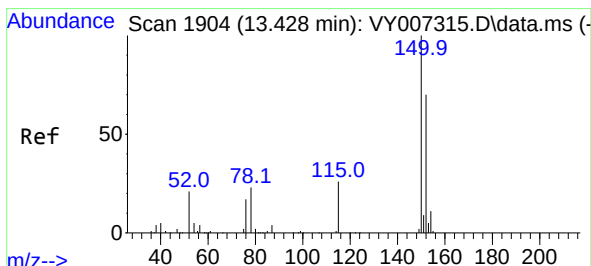
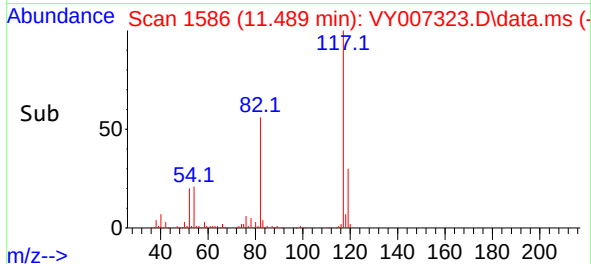
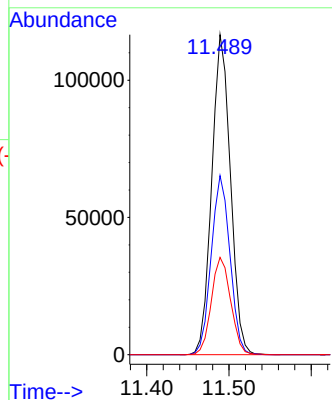
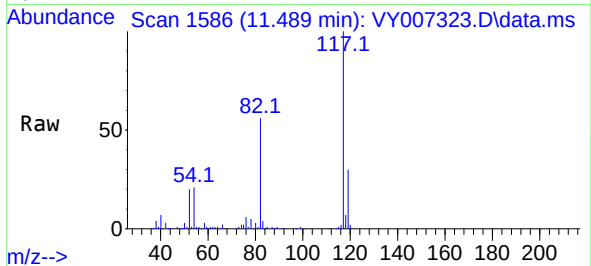




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007323.D
Acq: 28 Jan 2022 16:09

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(5)

Tgt Ion:117 Resp: 184169
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.0
119 30.4 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: VY007323.D
Acq: 28 Jan 2022 16:09

Tgt Ion:152 Resp: 80351
Ion Ratio Lower Upper
152 100
115 62.6 31.4 94.0
150 158.9 0.0 348.4

