

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069489.D
 Acq On : 17 Jun 2021 19:38
 Operator : VA/SY
 Sample : M2764-03
 Misc : 8.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHC-250EM-002

Quant Time: Jun 18 01:29:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

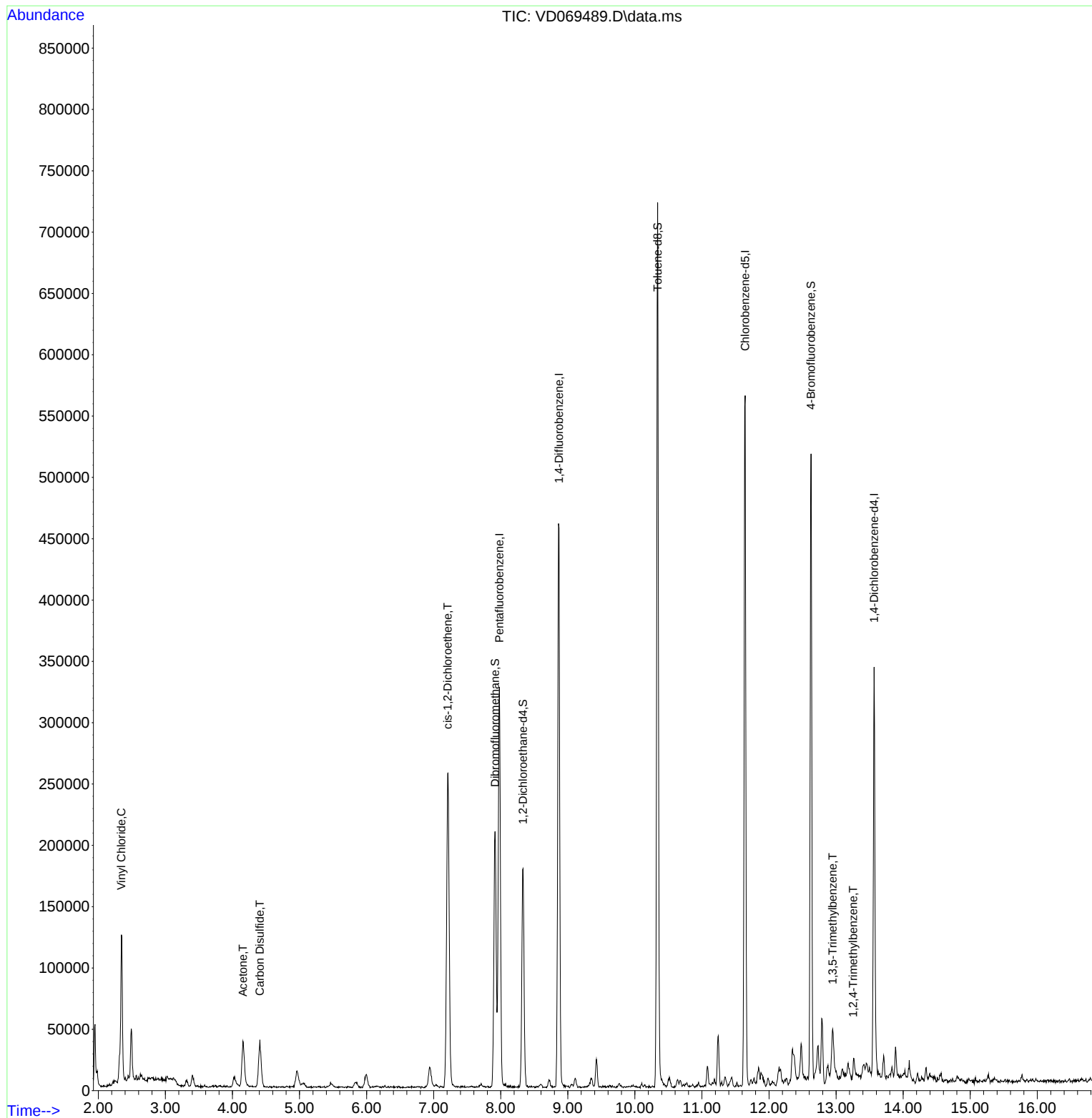
Internal Standards						
1) Pentafluorobenzene	7.979	168	239106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	403283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	345329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	90507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144025	53.392	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.780%		
35) Dibromofluoromethane	7.914	113	155216	51.386	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.780%		
50) Toluene-d8	10.338	98	490900	44.434	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 88.860%		
62) 4-Bromofluorobenzene	12.626	95	118260	33.361	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 66.720%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.344	62	97081	33.683	ug/l	100
16) Acetone	4.156	43	61385	137.481	ug/l	99
17) Carbon Disulfide	4.409	76	77920	9.499	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	160845	50.048	ug/l	89
80) 1,3,5-Trimethylbenzene	12.949	105	6496	1.211	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	8943	1.668	ug/l	89

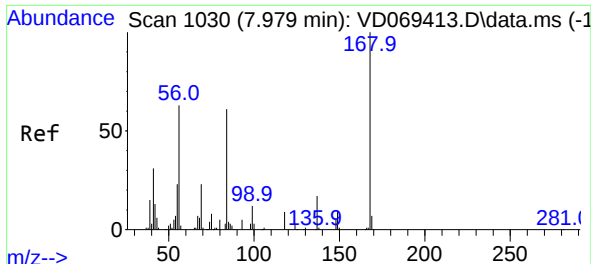
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

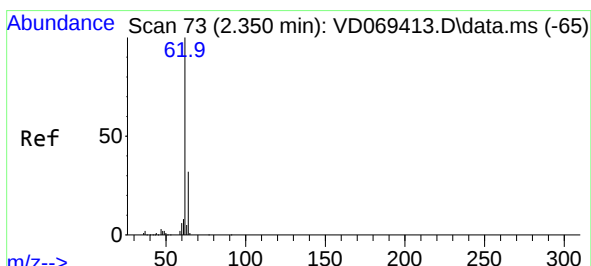
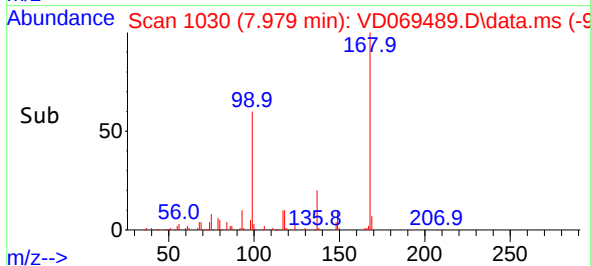
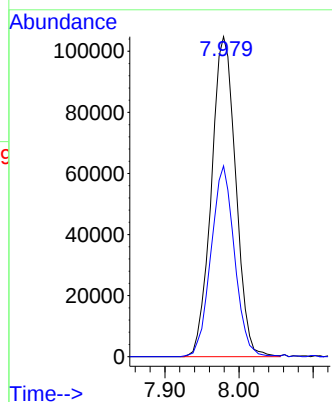
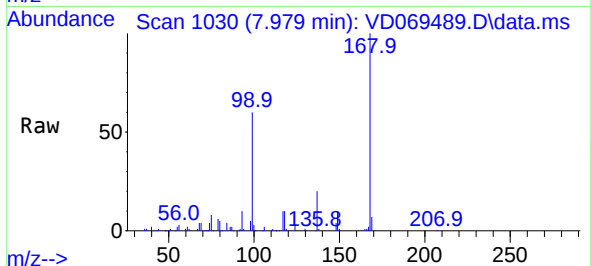




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

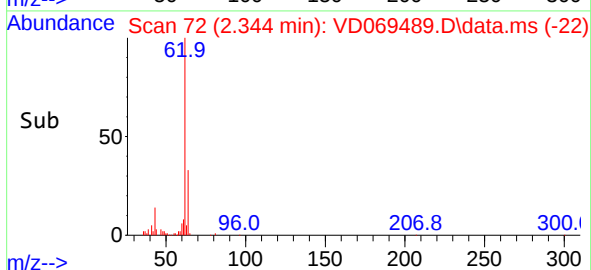
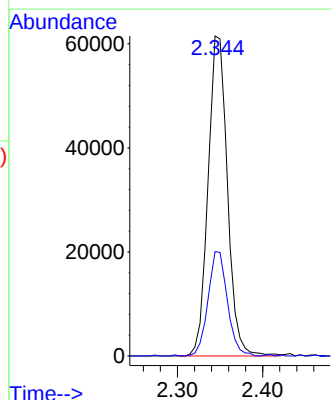
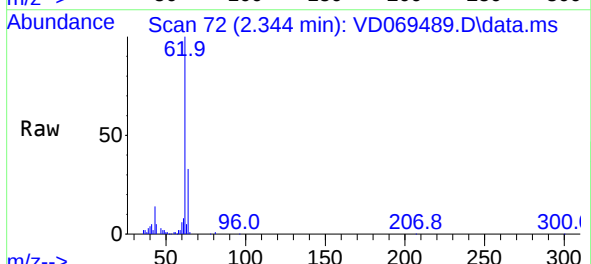
Instrument :
MSVOA_D
ClientSampleId :
PHC-250EM-002

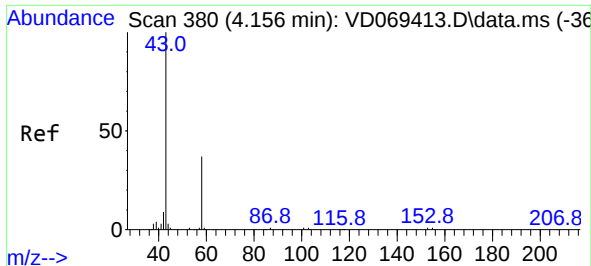
Tgt Ion:168 Resp: 239106
Ion Ratio Lower Upper
168 100
99 59.6 46.2 69.2



#4
Vinyl Chloride
Concen: 33.683 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

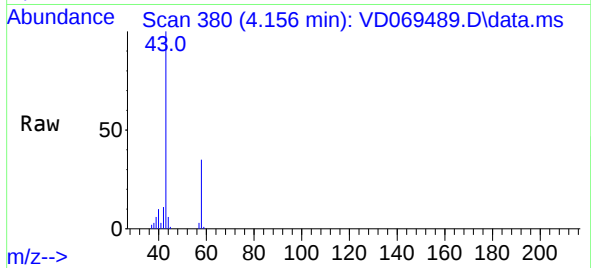
Tgt Ion: 62 Resp: 97081
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.4



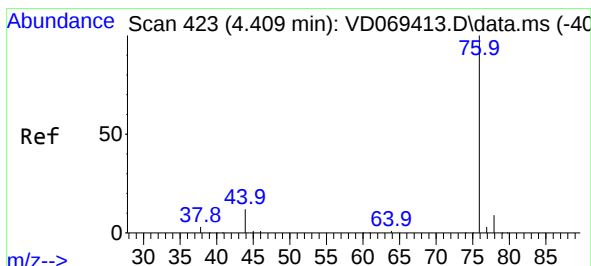
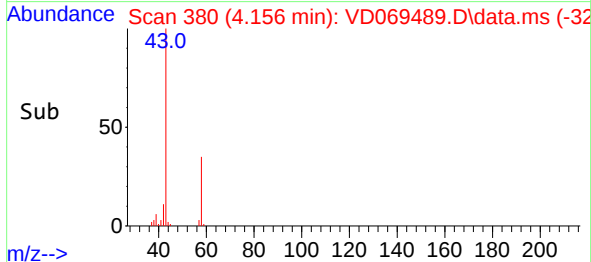
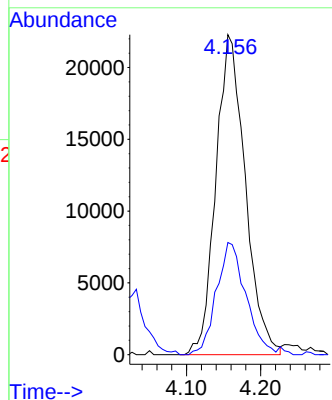


#16
Acetone
Concen: 137.481 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
PHC-250EM-002

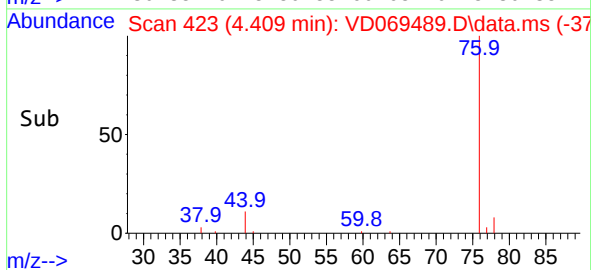
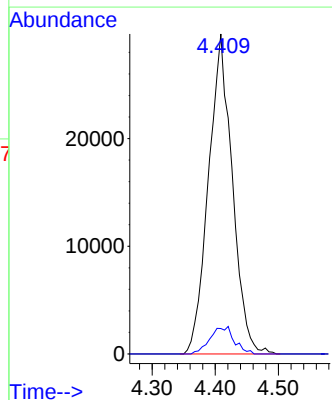
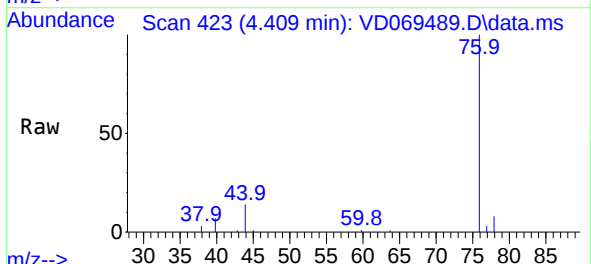


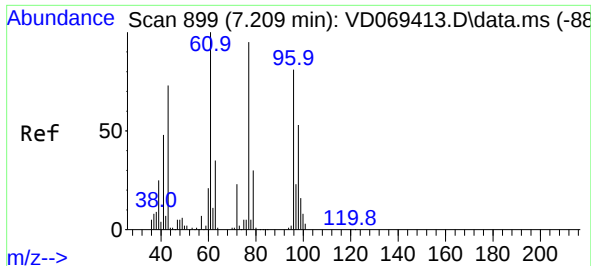
Tgt Ion: 43 Resp: 61385
Ion Ratio Lower Upper
43 100
58 35.0 27.5 41.3



#17
Carbon Disulfide
Concen: 9.499 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

Tgt Ion: 76 Resp: 77920
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

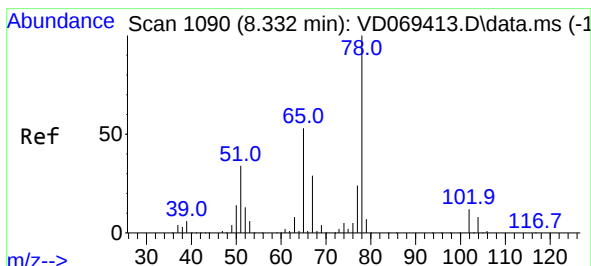
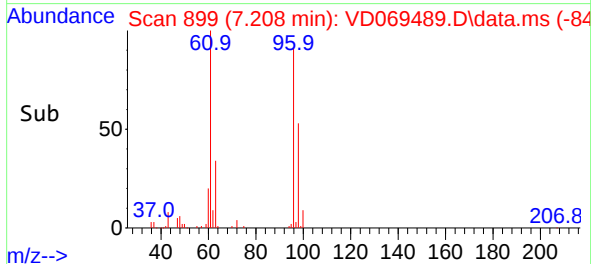
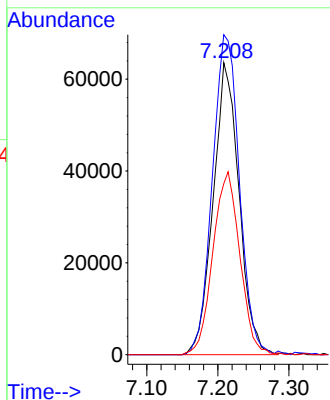
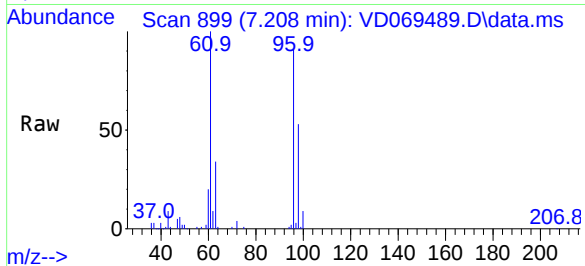




#27
cis-1,2-Dichloroethene
Concen: 50.048 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

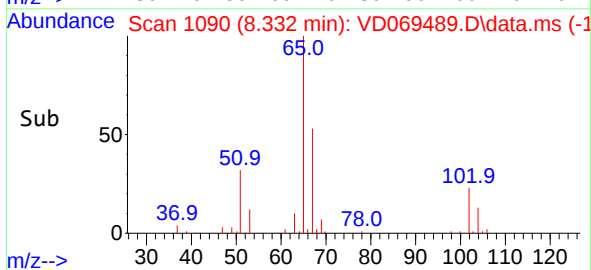
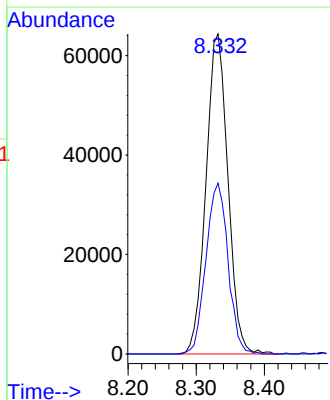
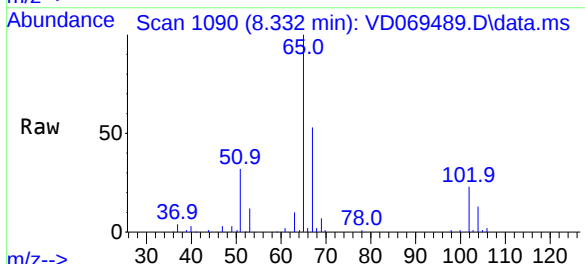
Instrument :
MSVOA_D
ClientSampleId :
PHC-250EM-002

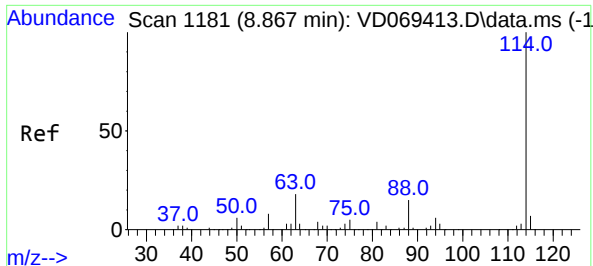
Tgt Ion: 96 Resp: 160845
Ion Ratio Lower Upper
96 100
61 114.1 0.0 265.6
98 65.3 0.0 129.0



#33
1,2-Dichloroethane-d4
Concen: 53.392 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

Tgt Ion: 65 Resp: 144025
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8



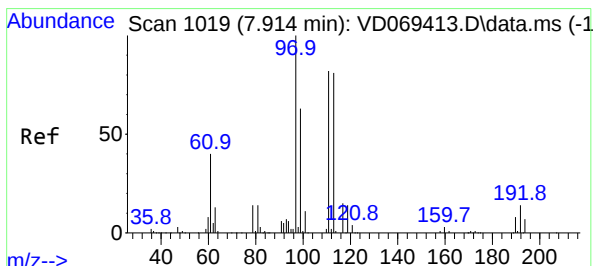
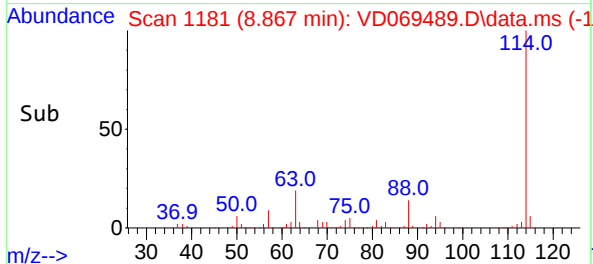
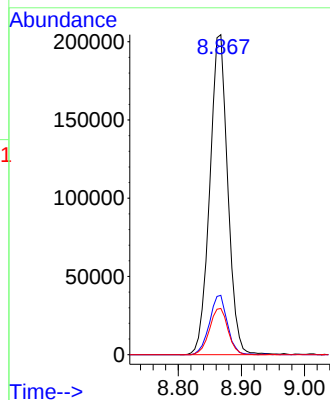
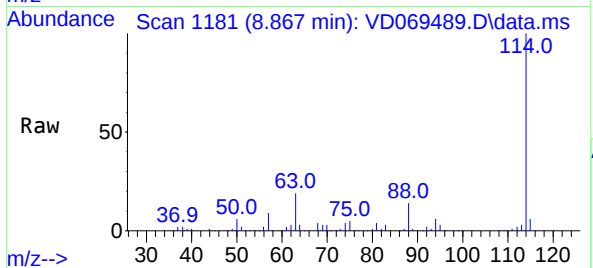


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
PHC-250EM-002

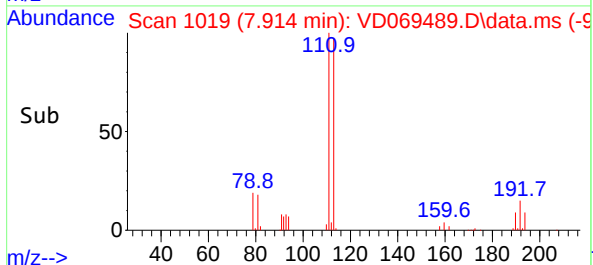
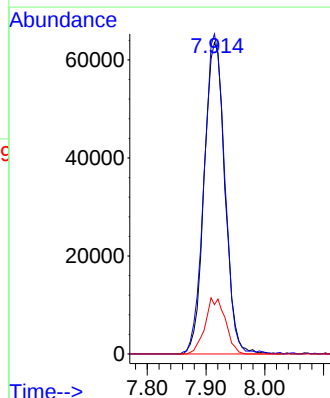
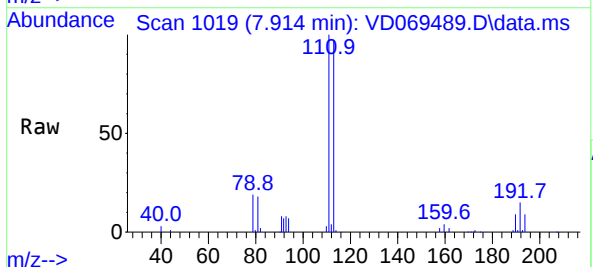
Tgt Ion:114 Resp: 403283
Ion Ratio Lower Upper
114 100
63 18.6 0.0 35.6
88 14.5 0.0 31.2

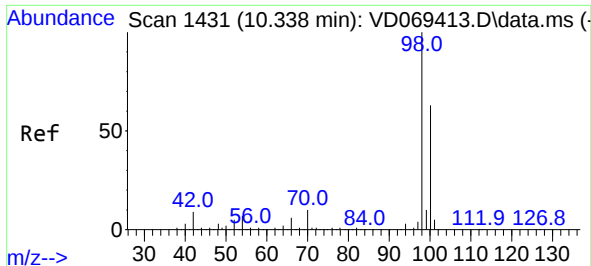


#35

Dibromofluoromethane
Concen: 51.386 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

Tgt Ion:113 Resp: 155216
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.6
192 17.6 15.1 22.7

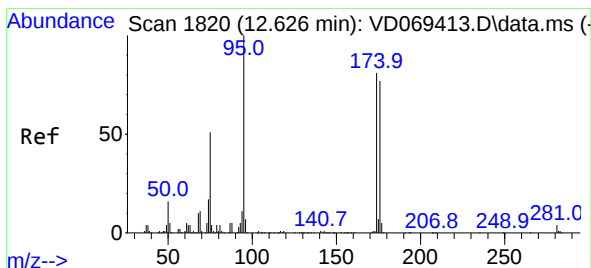
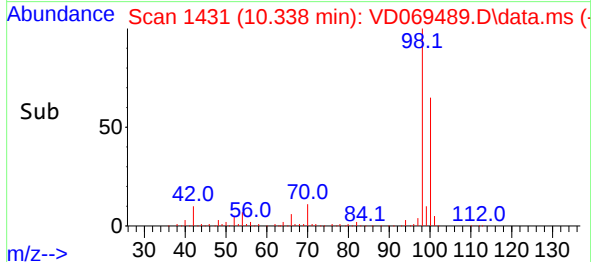
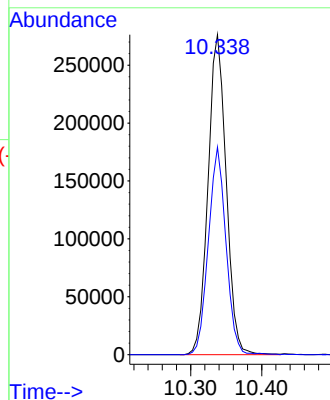
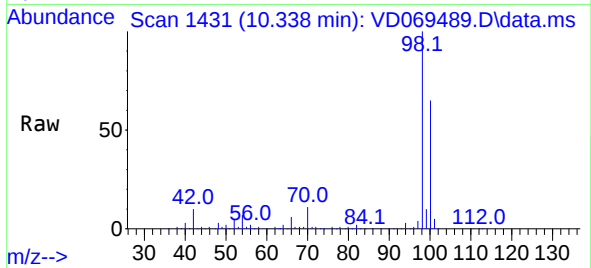




#50
Toluene-d8
Concen: 44.434 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

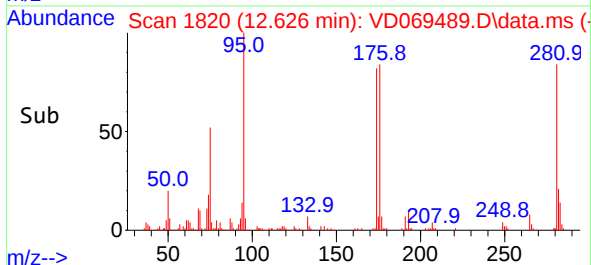
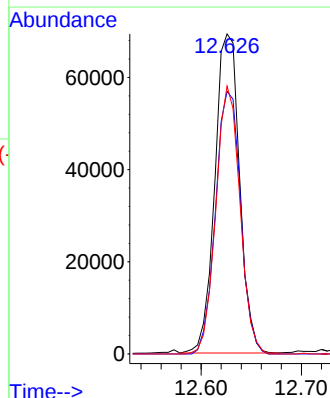
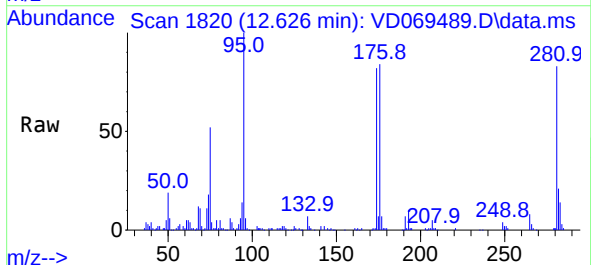
Instrument :
MSVOA_D
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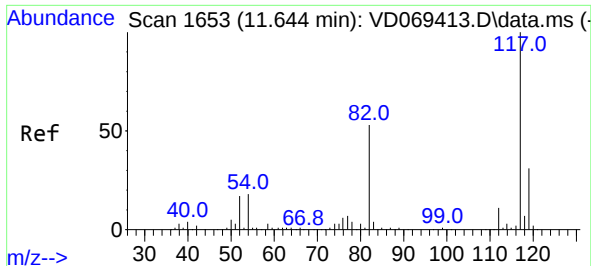
Tgt Ion: 98 Resp: 490900
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 33.361 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

Tgt Ion: 95 Resp: 118260
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.8
176 81.6 0.0 154.4

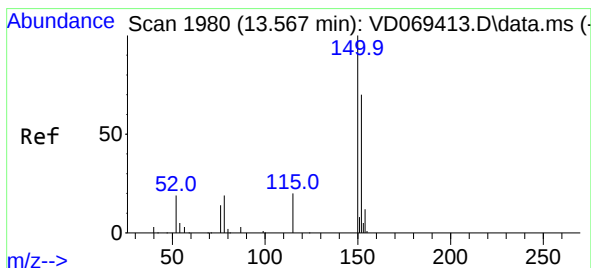
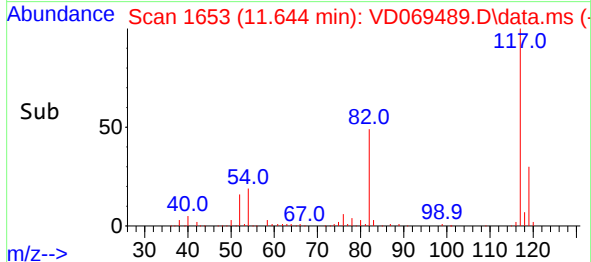
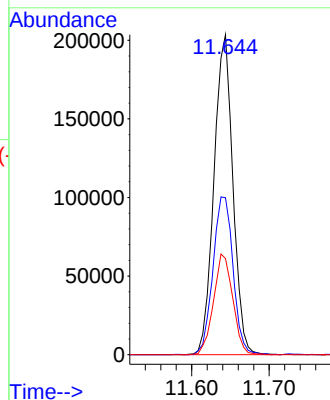
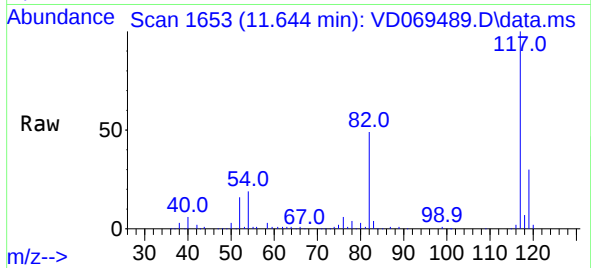




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

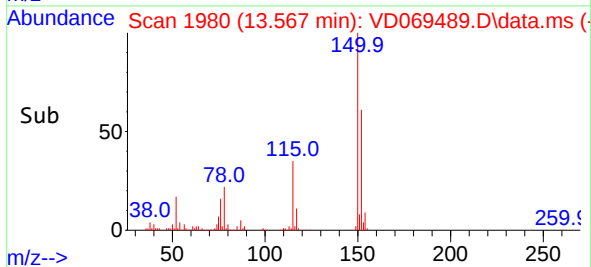
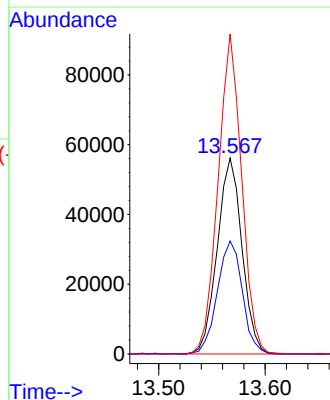
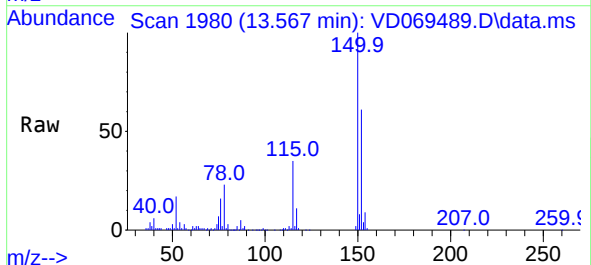
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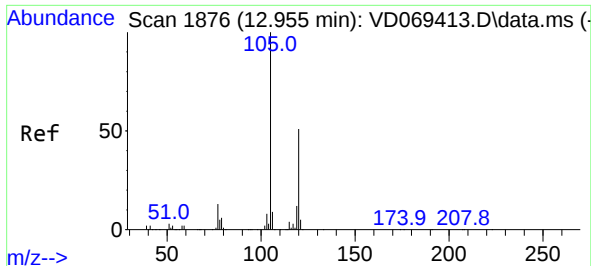
Tgt Ion:117 Resp: 345329
Ion Ratio Lower Upper
117 100
82 49.1 43.3 64.9
119 30.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

Tgt Ion:152 Resp: 90507
Ion Ratio Lower Upper
152 100
115 58.3 29.4 88.3
150 155.7 0.0 355.0

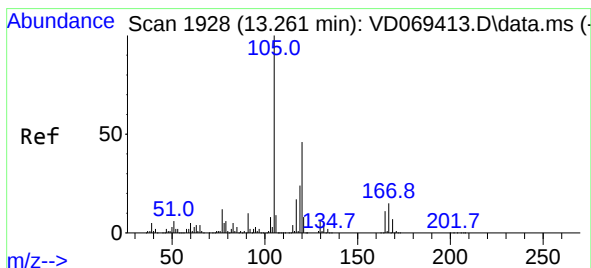
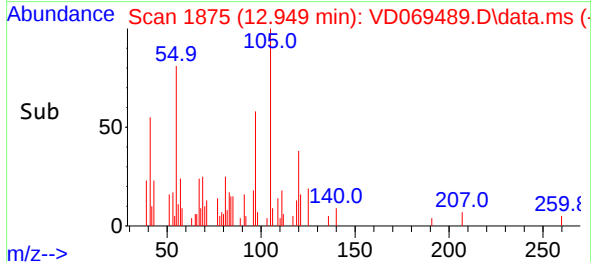
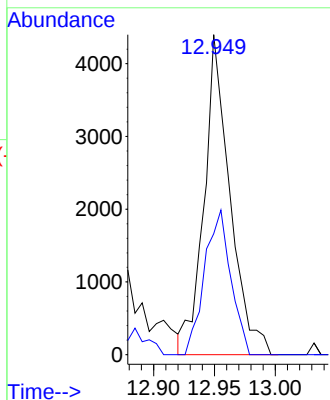
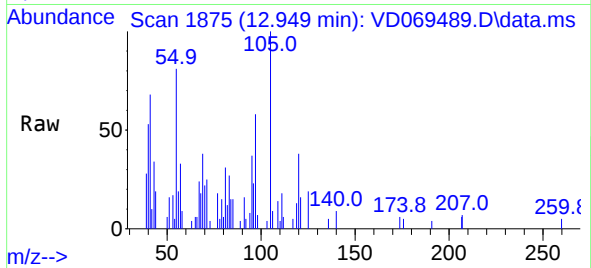




#80
1,3,5-Trimethylbenzene
Concen: 1.211 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
PHC-250EM-002

Tgt Ion:105 Resp: 6496
Ion Ratio Lower Upper
105 100
120 45.7 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 1.668 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD069489.D
Acq: 17 Jun 2021 19:38

Tgt Ion:105 Resp: 8943
Ion Ratio Lower Upper
105 100
120 38.0 22.6 67.8

