

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070200.D
 Acq On : 20 Aug 2021 13:54
 Operator : VA/SY
 Sample : M3418-09RE
 Misc : 3.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 23 03:52:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

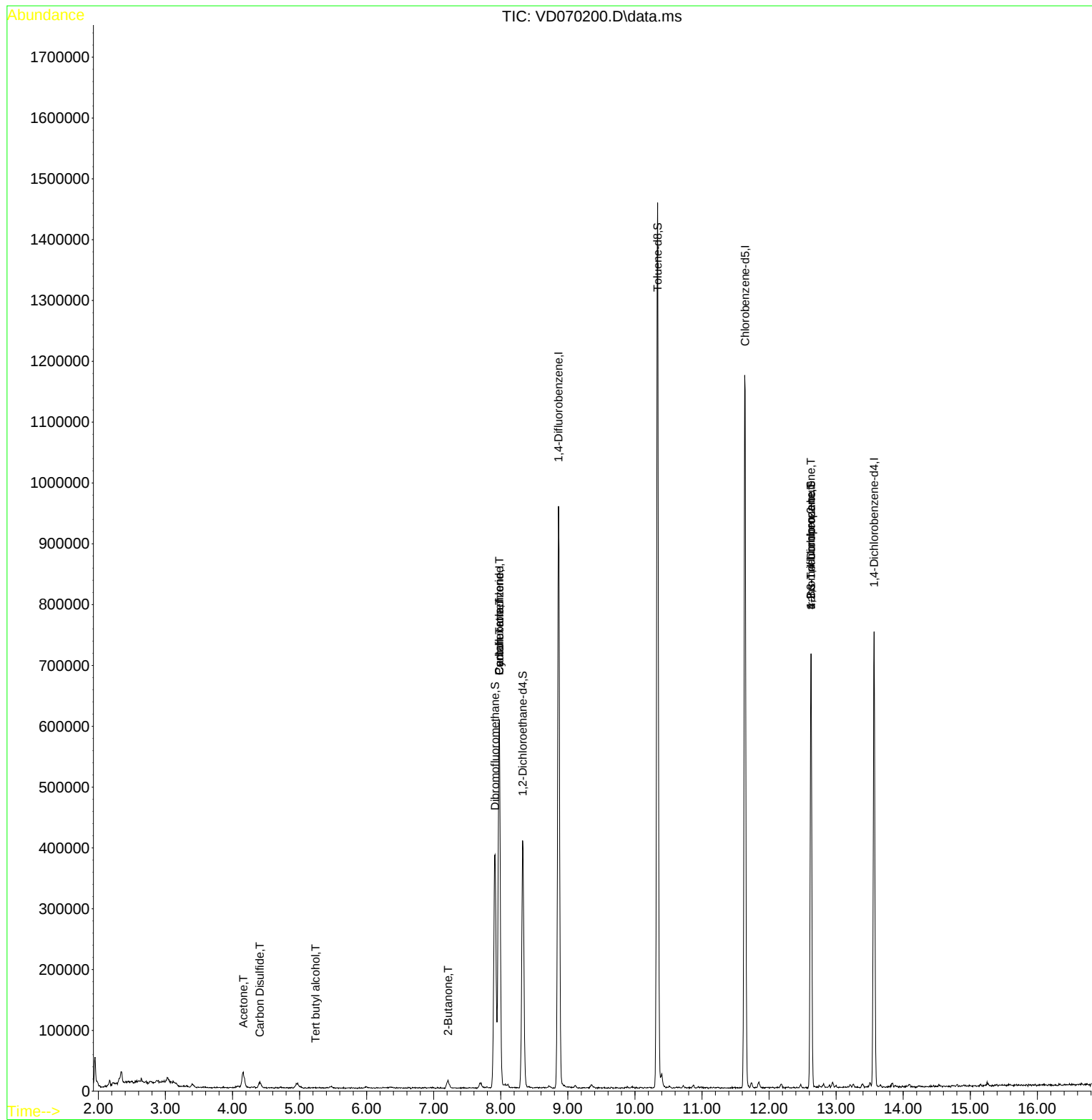
Internal Standards						
1) Pentafluorobenzene	7.979	168	423719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	804556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	701251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	198081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	308286	61.860	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.720%			
35) Dibromofluoromethane	7.914	113	291803	56.138	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.280%			
50) Toluene-d8	10.337	98	1006490	49.784	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.626	95	246435	37.008	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 74.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1496	Below Cal		98
3) Chloromethane	2.208	50	2565	Below Cal		97
5) Bromomethane	2.773	94	3279	Below Cal	#	60
11) Tert butyl alcohol	5.238	59	702	2.548	ug/l #	71
16) Acetone	4.161	43	43475	47.355	ug/l	98
17) Carbon Disulfide	4.408	76	19295	1.060	ug/l	98
20) Methylene Chloride	4.967	84	5471	Below Cal	#	64
25) 2-Butanone	7.214	43	13215	10.534	ug/l	94
31) Cyclohexane	7.979	56	11624	1.178	ug/l #	1
38) Carbon Tetrachloride	7.979	117	46859	5.963	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	121577	60.522	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	121577	157.092	ug/l #	18

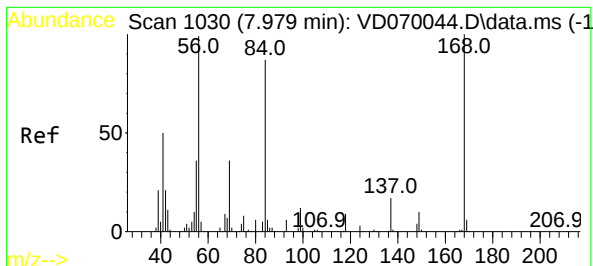
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Time: Aug 23 03:52:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration



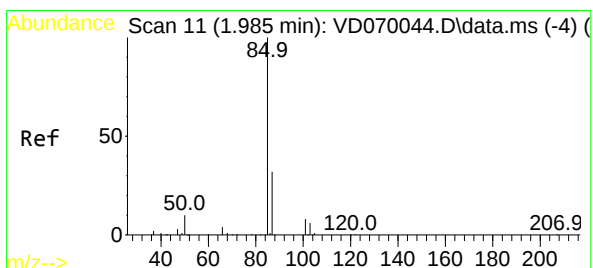
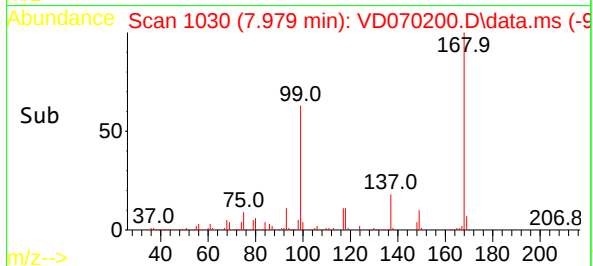
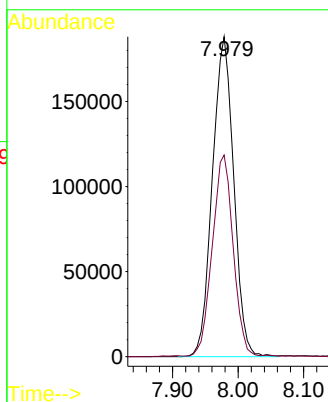
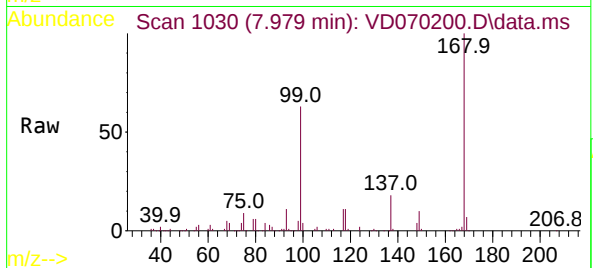


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: VD070200.D
 Acq: 20 Aug 2021 13:54

Instrument :
 MSVOA_D
 ClientSampled :

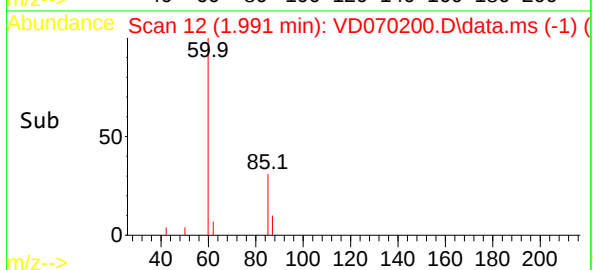
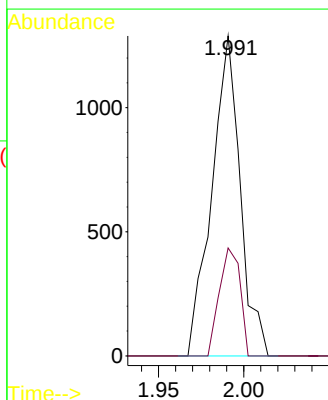
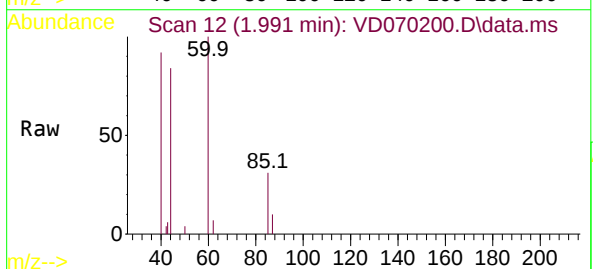
Tgt Ion:168 Resp: 423719
 Ion Ratio Lower Upper
 168 100
 99 62.8 50.3 75.5

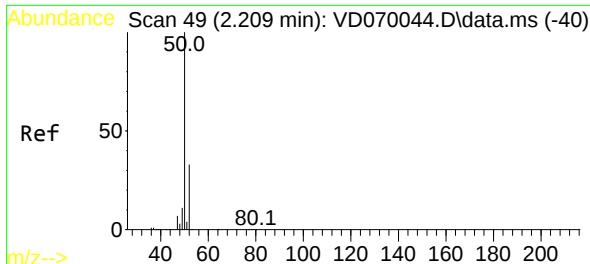


#2

Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.991 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VD070200.D
 Acq: 20 Aug 2021 13:54

Tgt Ion: 85 Resp: 1496
 Ion Ratio Lower Upper
 85 100
 87 33.7 16.2 48.6

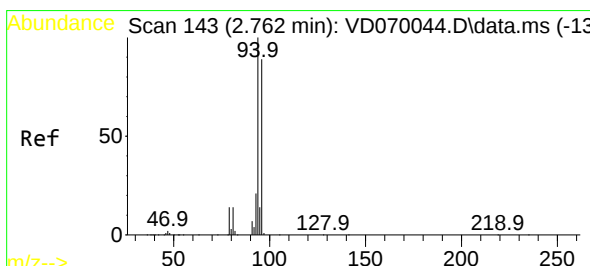
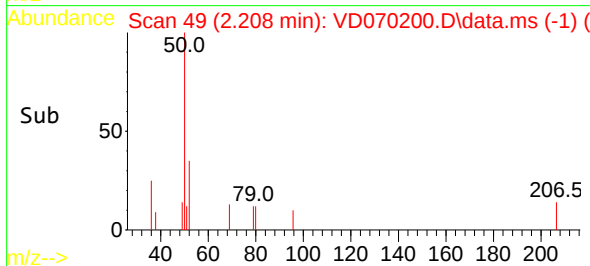
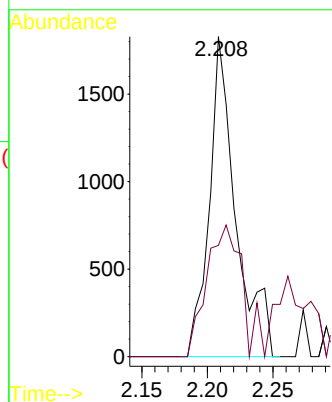
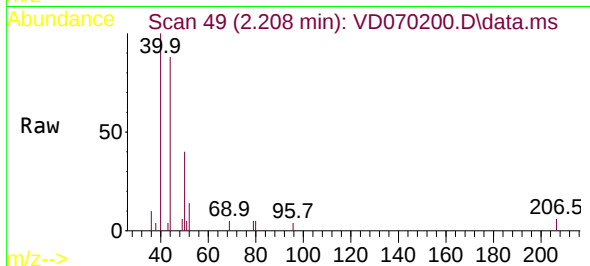




#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

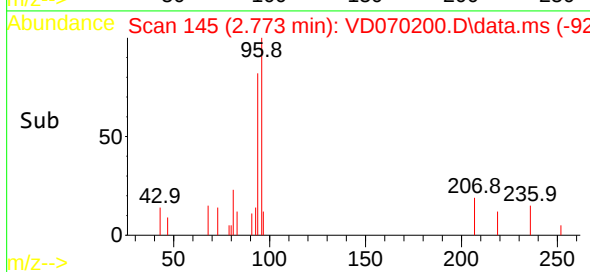
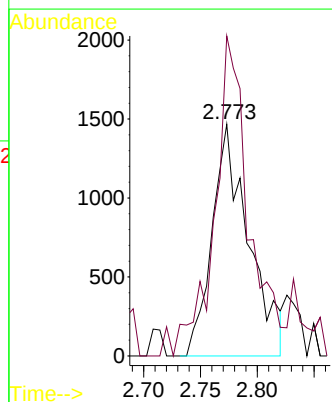
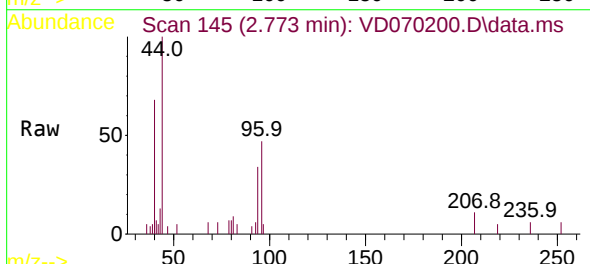
Instrument :
MSVOA_D
ClientSampled :

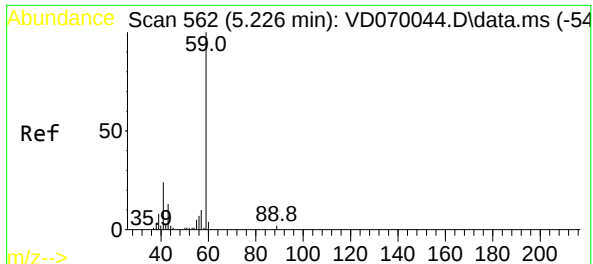
Tgt Ion: 50 Resp: 2565
Ion Ratio Lower Upper
50 100
52 34.8 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Tgt Ion: 94 Resp: 3279
Ion Ratio Lower Upper
94 100
96 125.8 70.9 106.3#



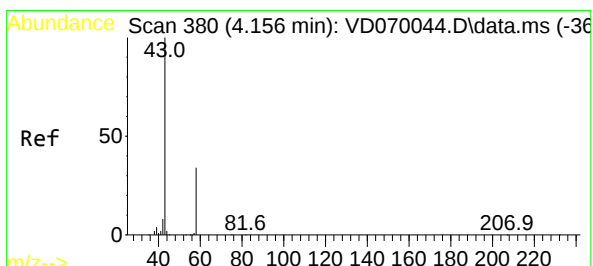
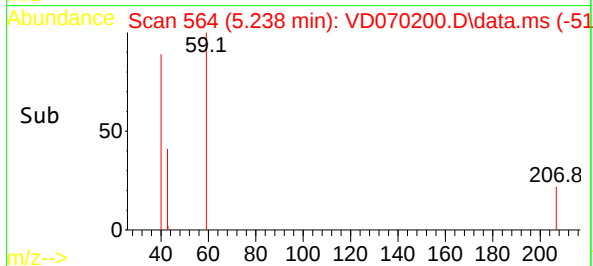
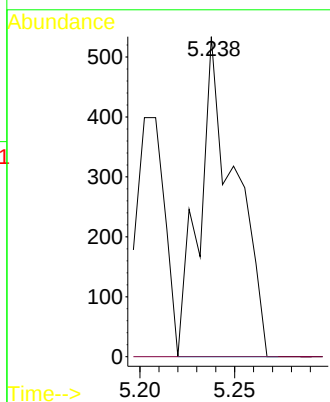
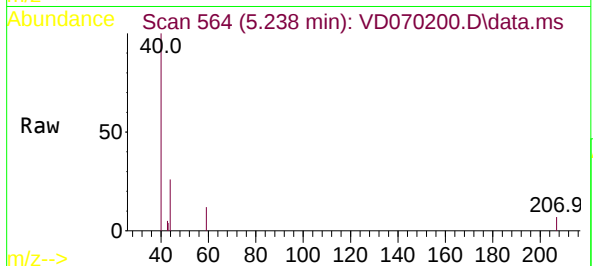


#11

Tert butyl alcohol
Concen: 2.548 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.011 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Instrument :
MSVOA_D
ClientSampled :

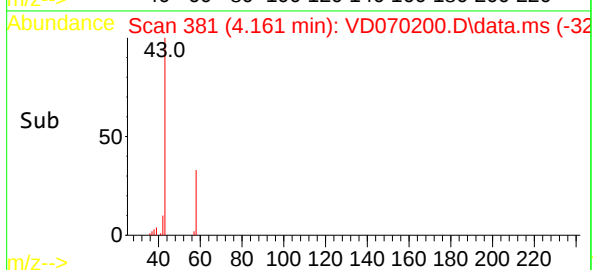
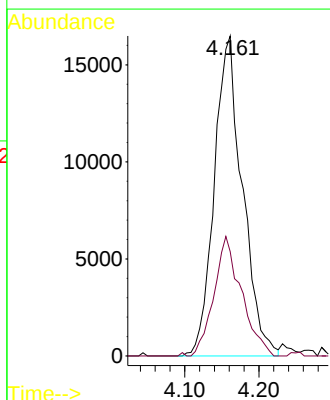
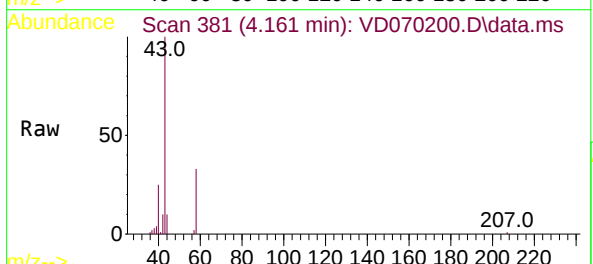
Tgt Ion: 59 Resp: 702
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

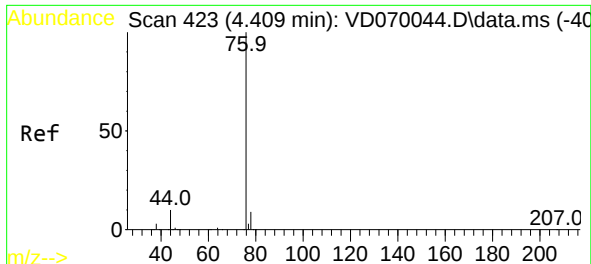


#16

Acetone
Concen: 47.355 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

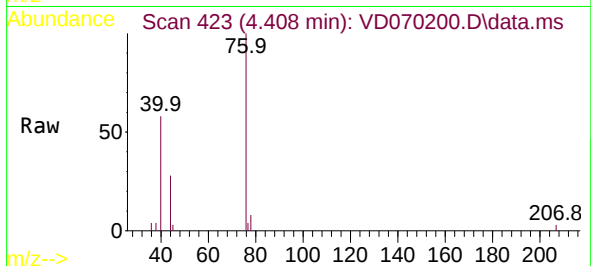
Tgt Ion: 43 Resp: 43475
Ion Ratio Lower Upper
43 100
58 32.6 26.8 40.2



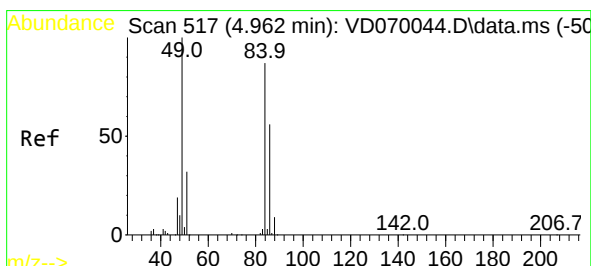
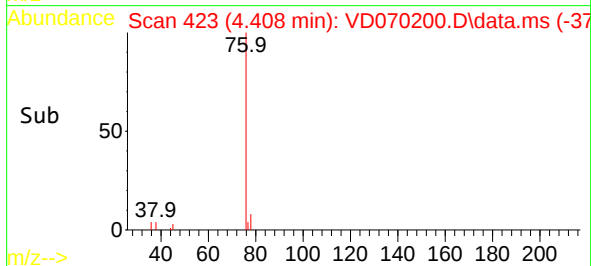
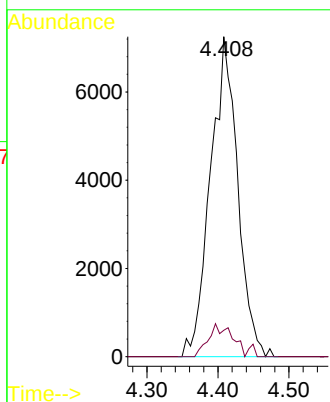


#17
Carbon Disulfide
Concen: 1.060 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

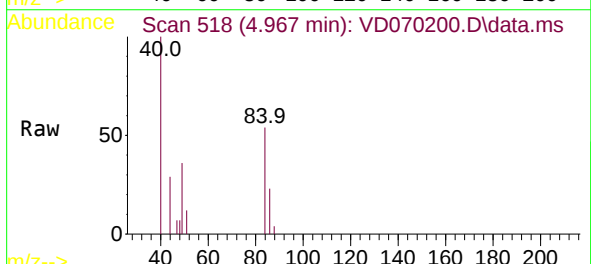
Instrument :
MSVOA_D
ClientSampled :



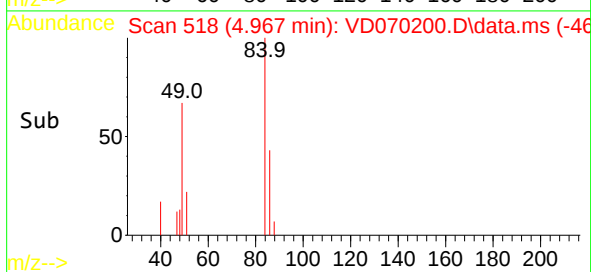
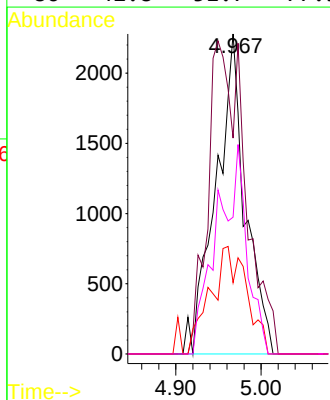
Tgt Ion: 76 Resp: 19295
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7

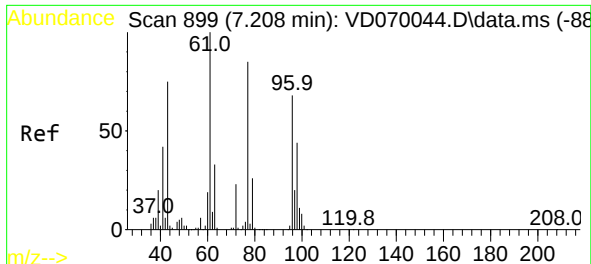


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54



Tgt Ion: 84 Resp: 5471
Ion Ratio Lower Upper
84 100
49 67.4 92.5 138.7#
51 22.3 29.7 44.5#
86 42.8 51.7 77.5#

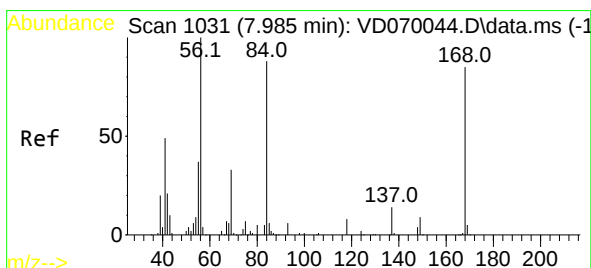
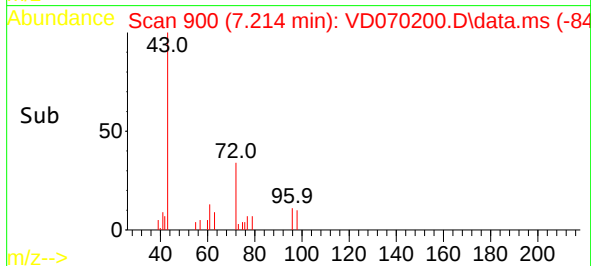
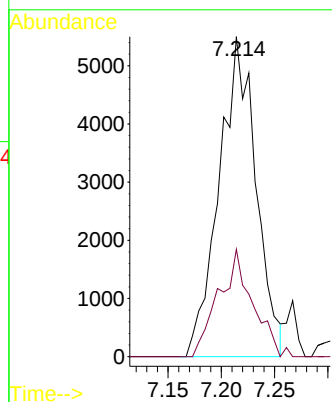
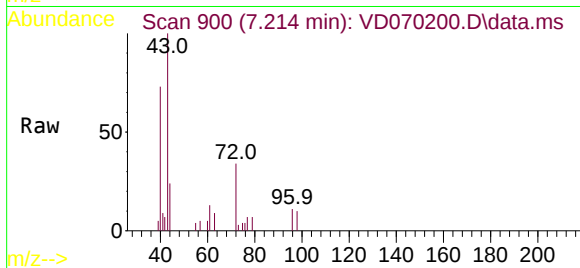




#25
2-Butanone
Concen: 10.534 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

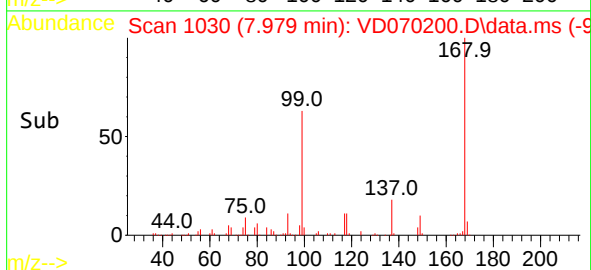
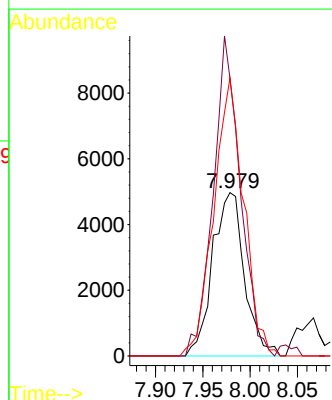
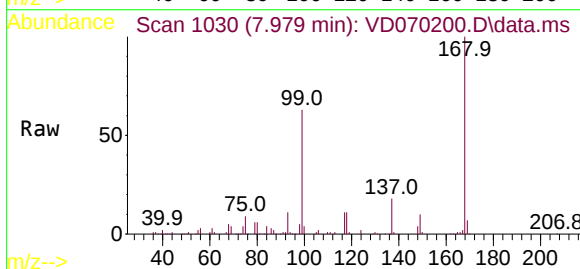
Instrument :
MSVOA_D
ClientSampled :

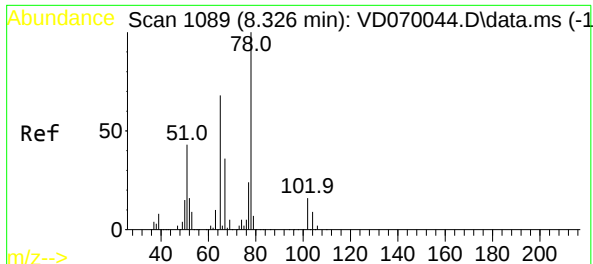
Tgt Ion: 43 Resp: 13215
Ion Ratio Lower Upper
43 100
72 33.6 24.2 36.4



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Tgt Ion: 56 Resp: 11624
Ion Ratio Lower Upper
56 100
69 170.0 26.7 40.1#
84 170.1 70.4 105.6#

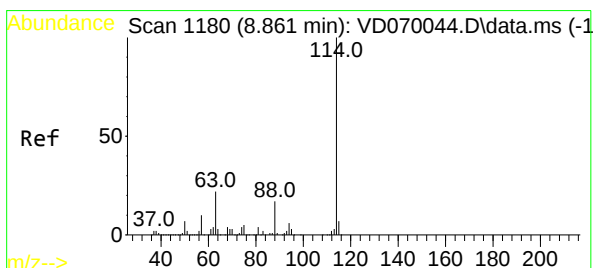
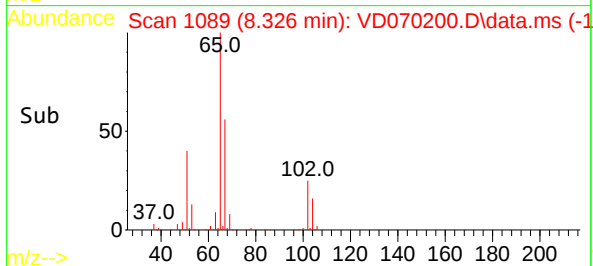
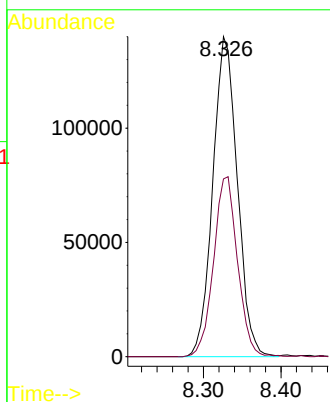
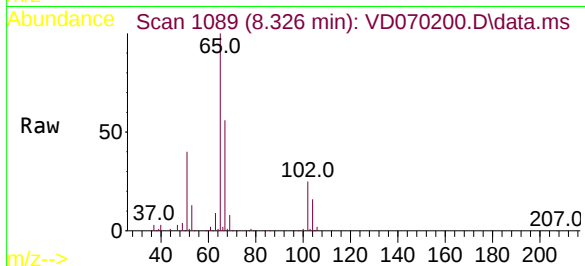




#33
1,2-Dichloroethane-d4
Concen: 61.860 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

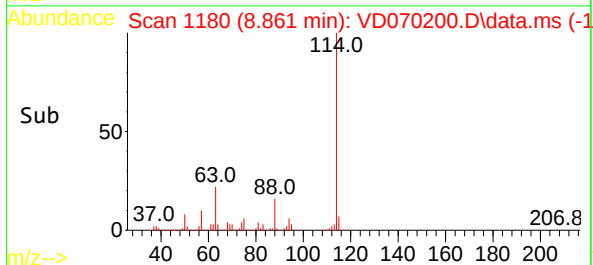
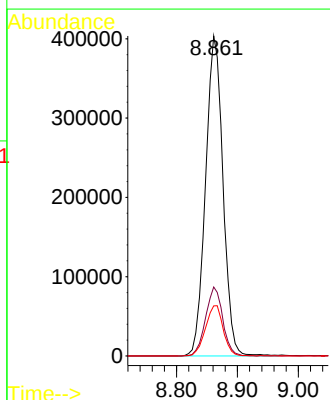
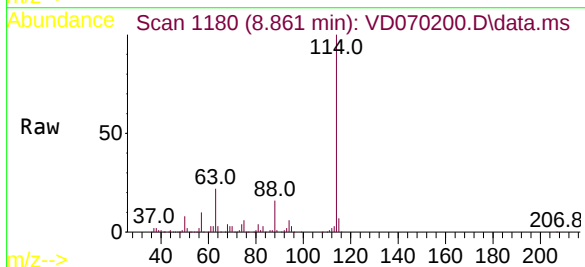
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MSVOA_D
ClientSampled :

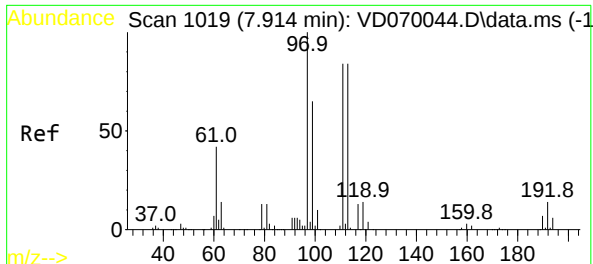
Tgt Ion: 65 Resp: 308286
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Tgt Ion:114 Resp: 804556
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.6
88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 56.138 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070200.D

Acq: 20 Aug 2021 13:54

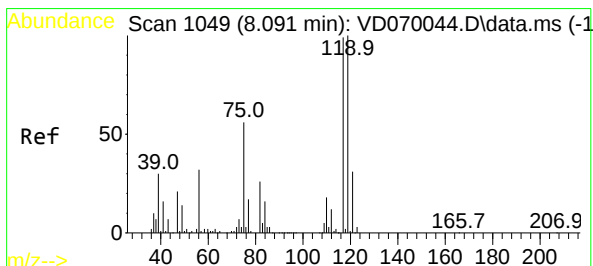
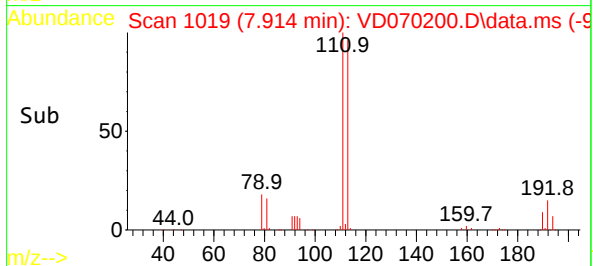
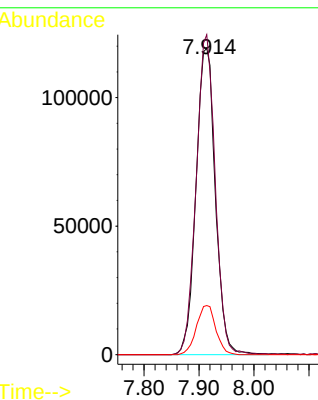
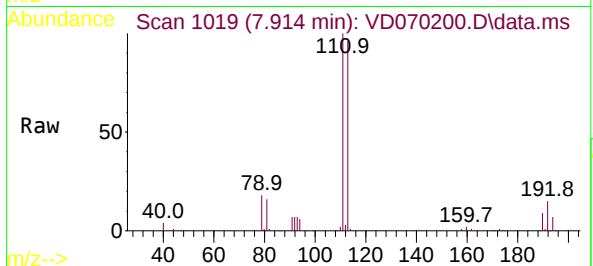
Tgt Ion:113 Resp: 291803

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 16.0 13.2 19.8



#38

Carbon Tetrachloride

Concen: 5.963 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD070200.D

Acq: 20 Aug 2021 13:54

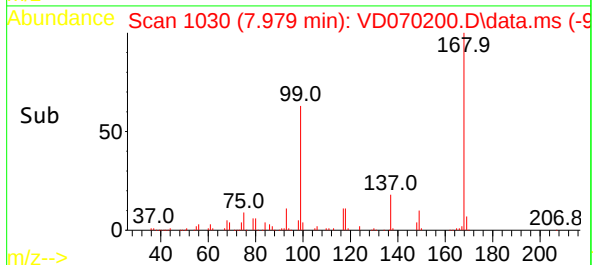
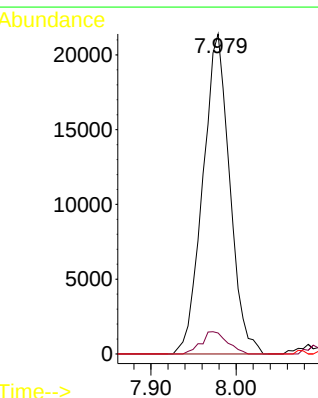
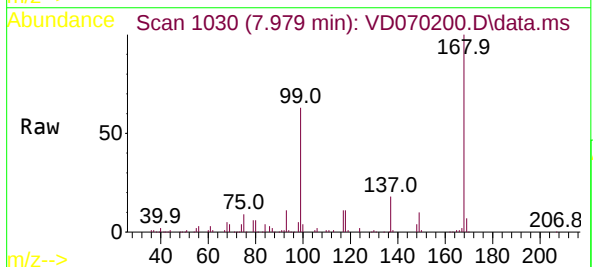
Tgt Ion:117 Resp: 46859

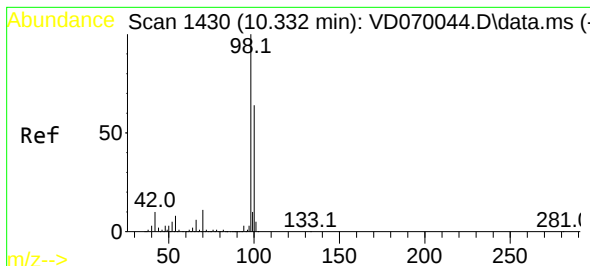
Ion Ratio Lower Upper

117 100

119 6.5 81.0 121.6#

121 0.0 25.0 37.6#

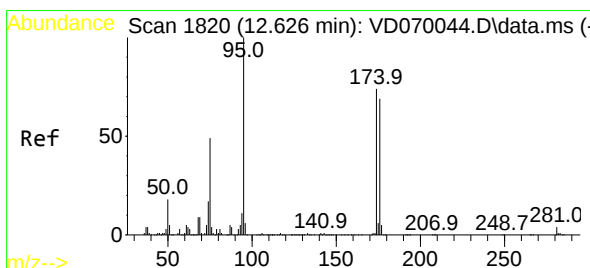
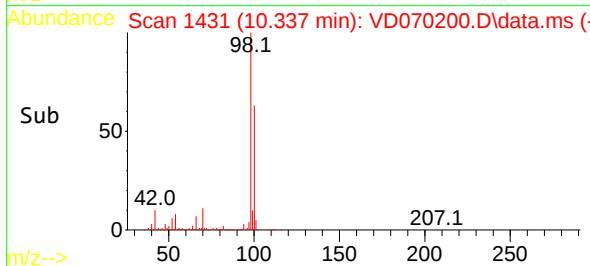
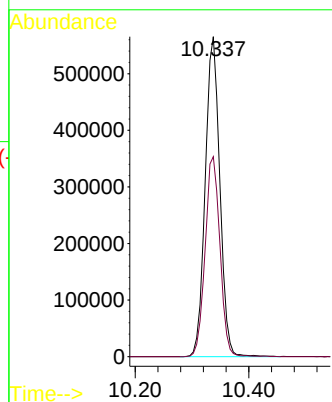
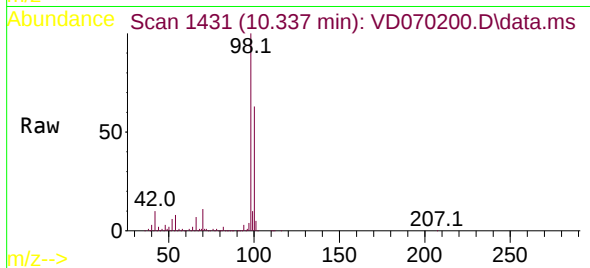




#50
Toluene-d8
Concen: 49.784 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

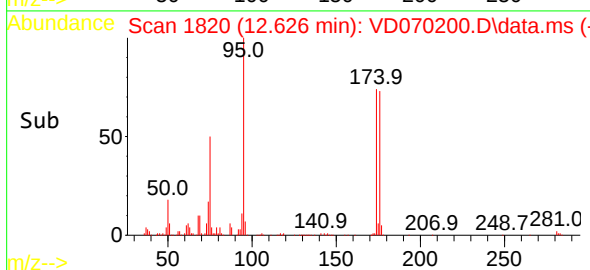
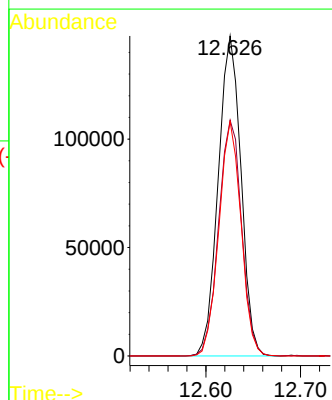
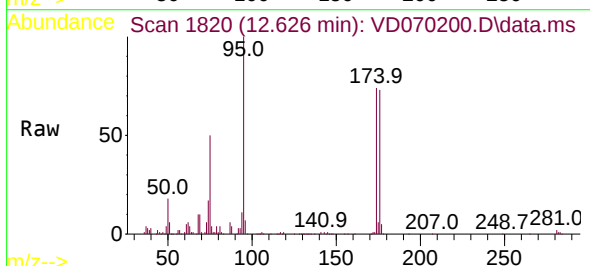
Instrument :
MSVOA_D
ClientSampled :

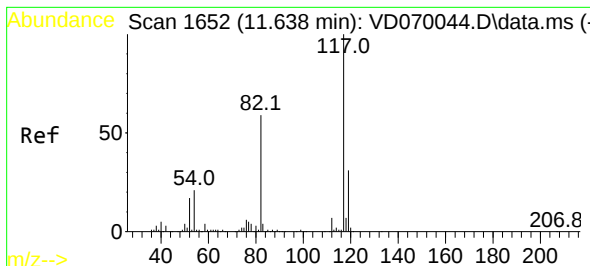
Tgt Ion: 98 Resp: 1006490
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 37.008 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

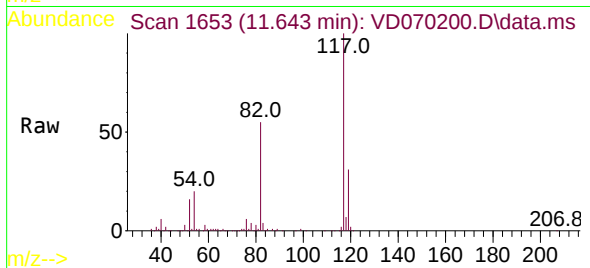
Tgt Ion: 95 Resp: 246435
Ion Ratio Lower Upper
95 100
174 74.5 0.0 141.6
176 71.4 0.0 138.2



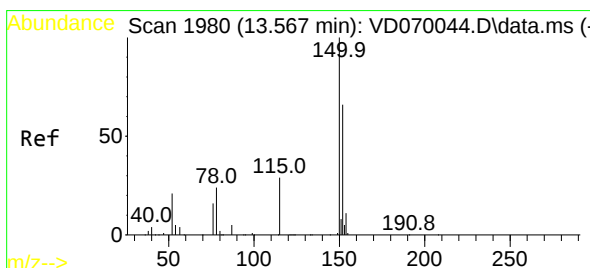
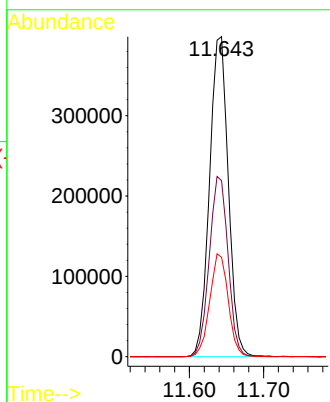
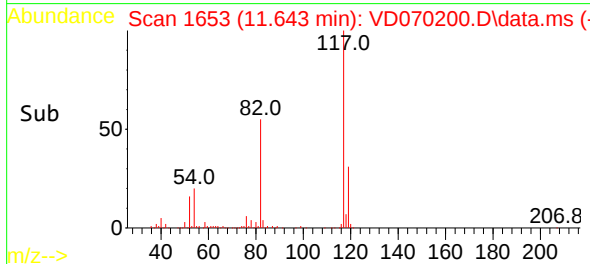


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

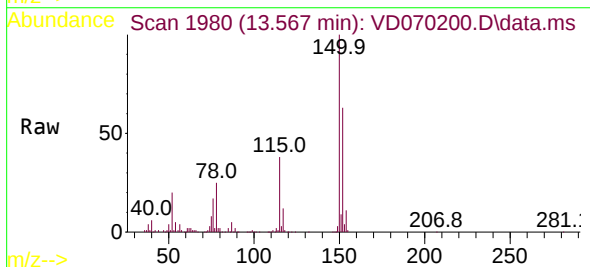
Instrument :
MSVOA_D
ClientSampled :



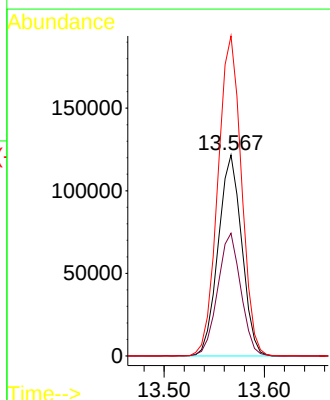
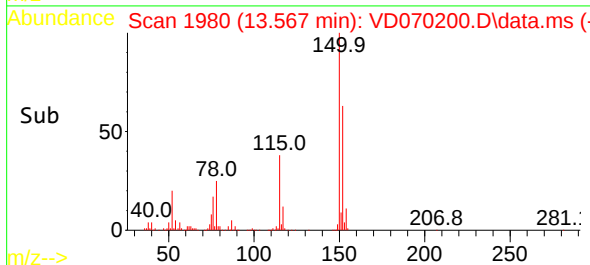
Tgt Ion:117 Resp: 701251
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 31.1 25.1 37.7

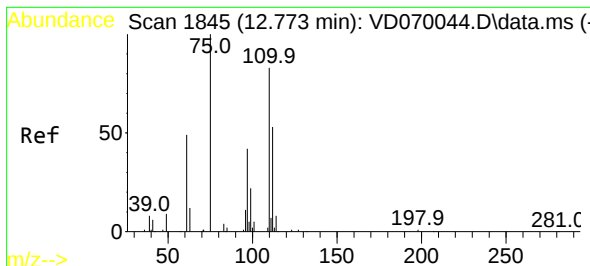


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54



Tgt Ion:152 Resp: 198081
Ion Ratio Lower Upper
152 100
115 60.2 31.2 93.6
150 159.4 0.0 352.0

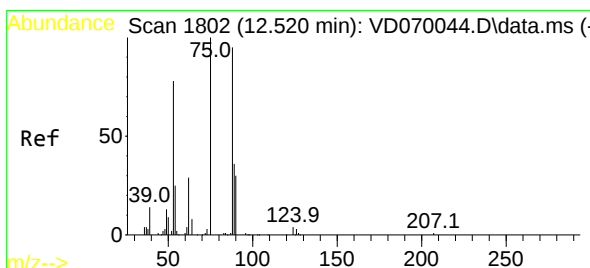
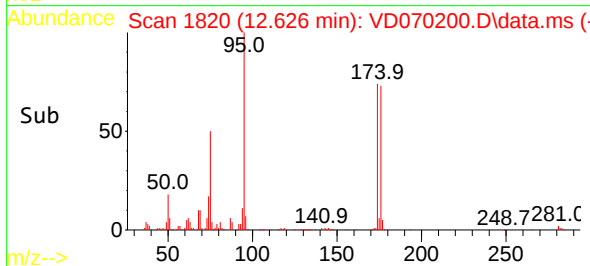
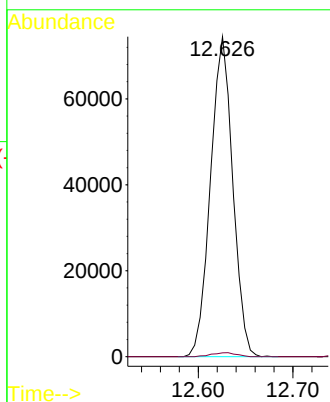
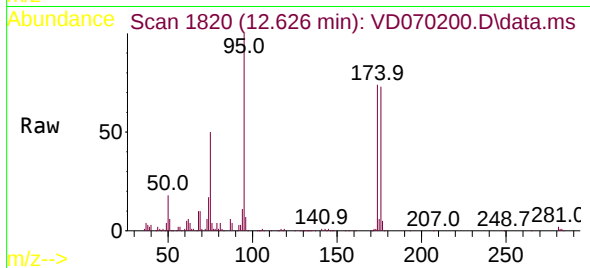




#76
1,2,3-Trichloropropane
Concen: 60.522 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 121577
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 157.092 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070200.D
Acq: 20 Aug 2021 13:54

Tgt Ion: 75 Resp: 121577
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

