

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070108.D
 Acq On : 18 Aug 2021 02:38
 Operator : VA/SY
 Sample : M3390-14
 Misc : 4.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2021-08-11-FD-02

Quant Time: Aug 18 04:34:00 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)

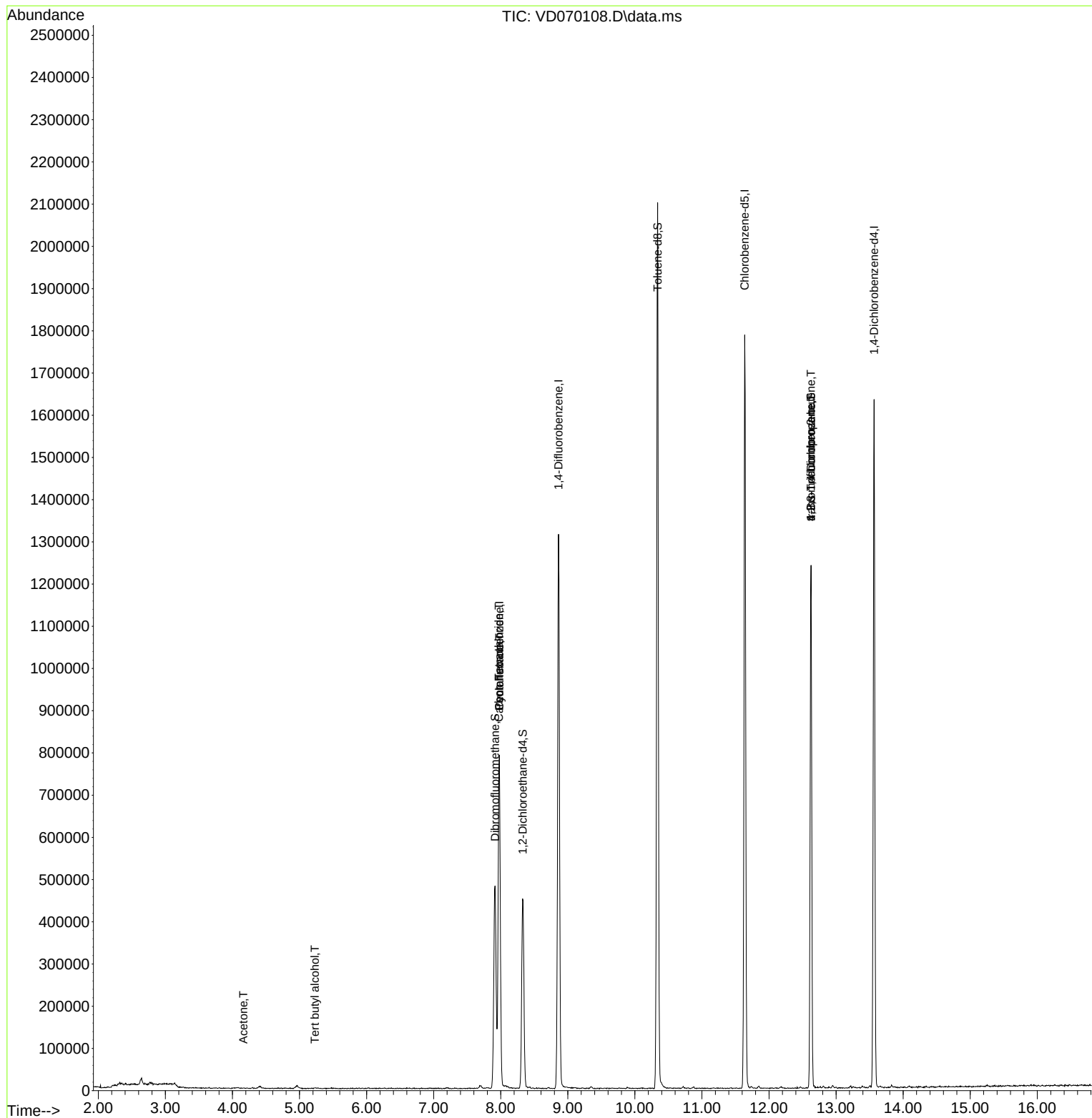
Internal Standards						
1) Pentafluorobenzene	7.979	168	557819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1104082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1046305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	427079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	361524	55.103	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.200%
35) Dibromofluoromethane	7.914	113	367045	51.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.920%
50) Toluene-d8	10.338	98	1410028	50.823	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.626	95	437066	47.829	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.660%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	1144	Below Cal	#	68
3) Chloromethane	2.209	50	1783	Below Cal		91
5) Bromomethane	2.773	94	3989	Below Cal		97
11) Tert butyl alcohol	5.226	59	840	2.316	ug/l #	91
16) Acetone	4.162	43	1587	1.313	ug/l	94
20) Methylene Chloride	4.967	84	4446	Below Cal	#	72
31) Cyclohexane	7.979	56	14534	1.119	ug/l #	1
38) Carbon Tetrachloride	7.973	117	59056	5.477	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	214336	49.487	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	214336	128.450	ug/l #	18

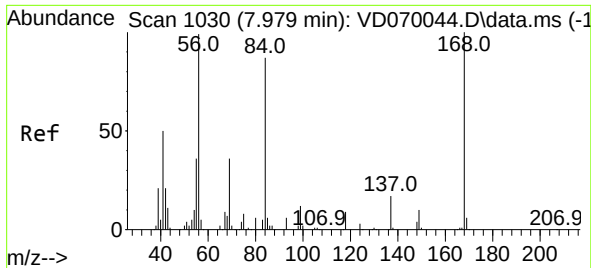
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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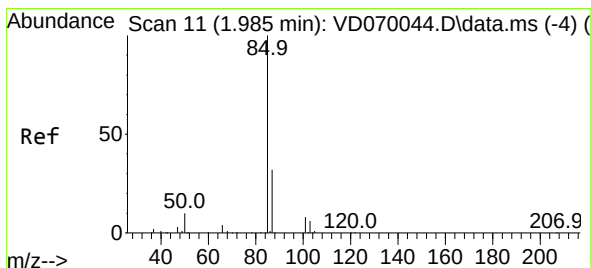
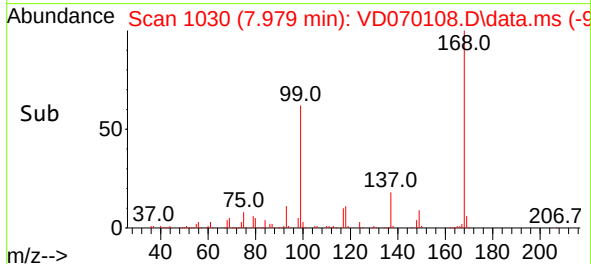
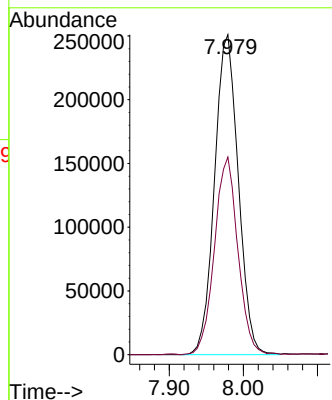
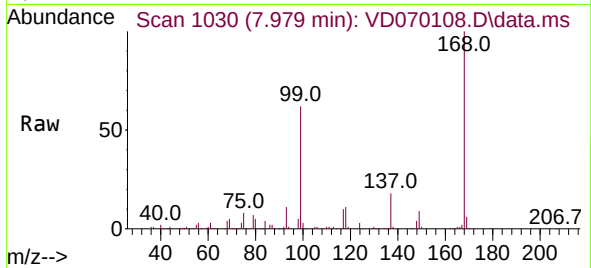




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

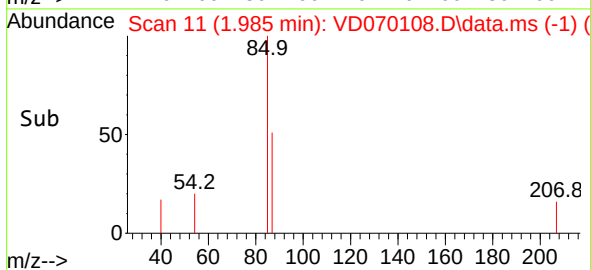
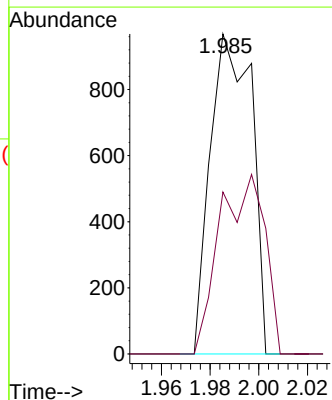
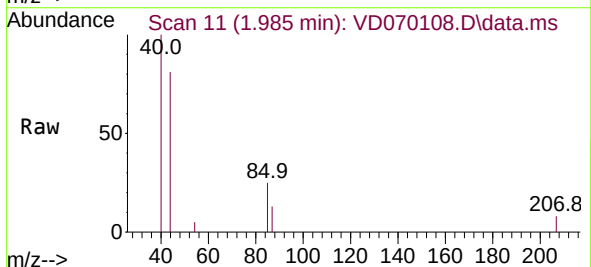
Instrument :
MSVOA_D
ClientSampleId :
2021-08-11-FD-02

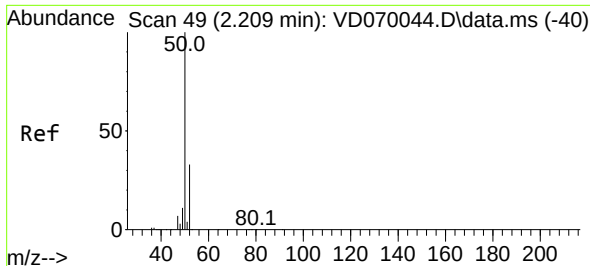
Tgt Ion:168 Resp: 557819
Ion Ratio Lower Upper
168 100
99 61.8 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Tgt Ion: 85 Resp: 1144
Ion Ratio Lower Upper
85 100
87 50.6 16.2 48.6#

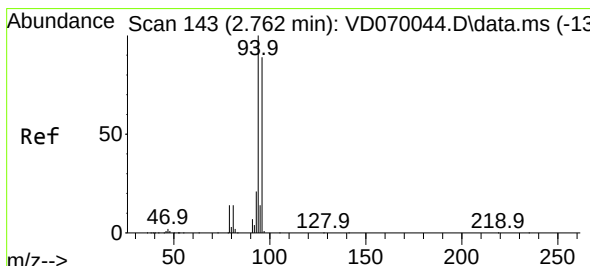
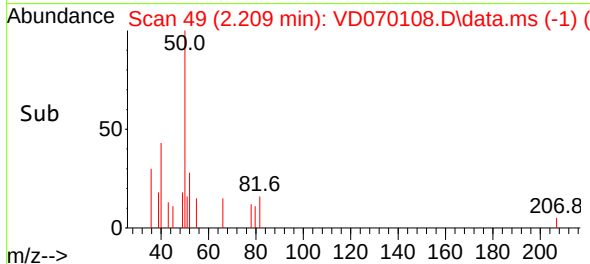
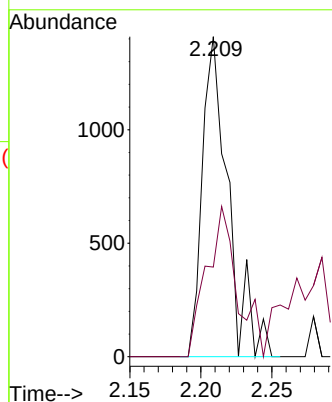
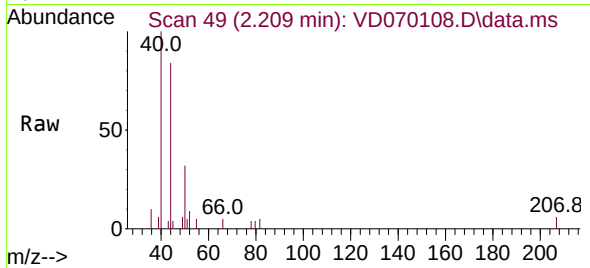




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

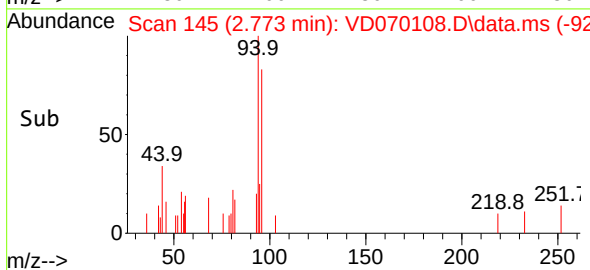
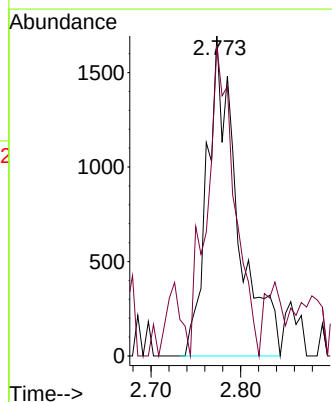
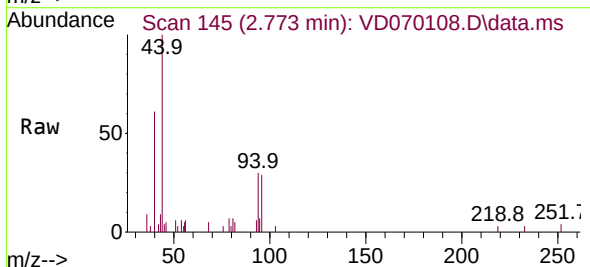
Instrument :
MSVOA_D
ClientSampleId :
2021-08-11-FD-02

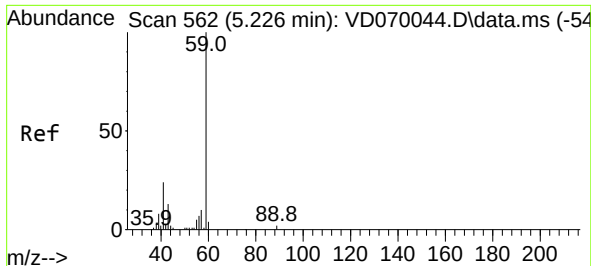
Tgt Ion: 50 Resp: 1783
Ion Ratio Lower Upper
50 100
52 28.0 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Tgt Ion: 94 Resp: 3989
Ion Ratio Lower Upper
94 100
96 85.5 70.9 106.3

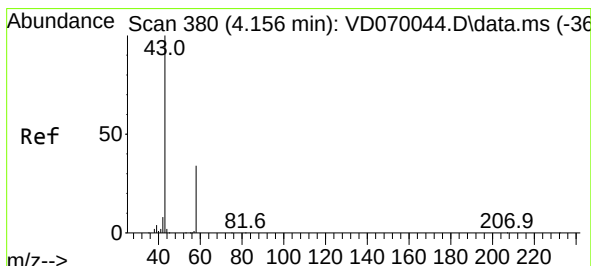
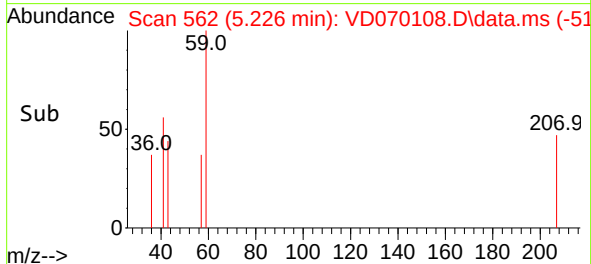
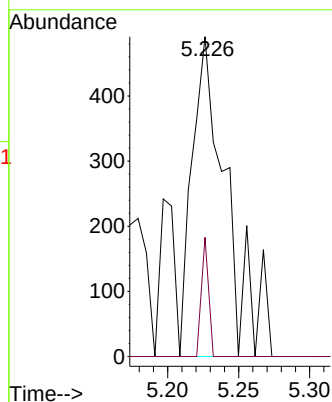
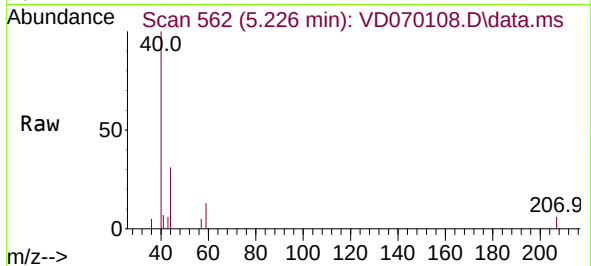




#11
Tert butyl alcohol
Concen: 2.316 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

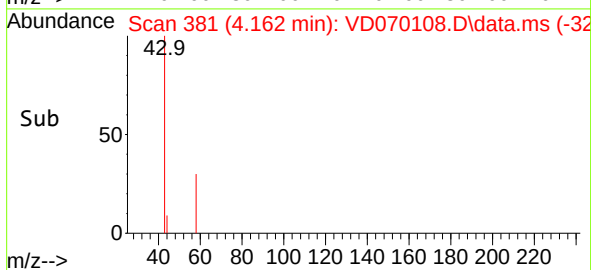
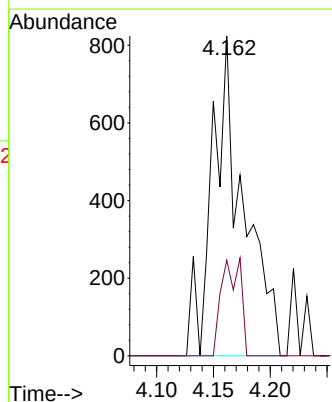
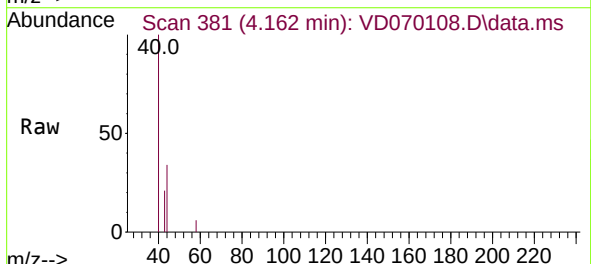
Instrument :
MSVOA_D
ClientSampleId :
2021-08-11-FD-02

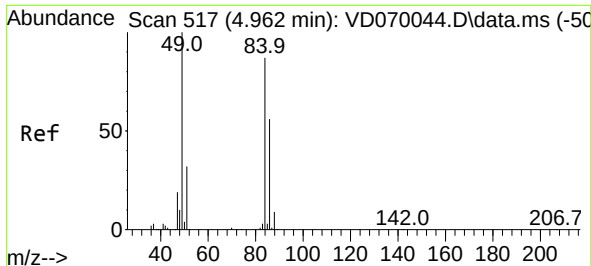
Tgt Ion: 59 Resp: 840
Ion Ratio Lower Upper
59 100
57 7.7 8.8 13.2#



#16
Acetone
Concen: 1.313 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

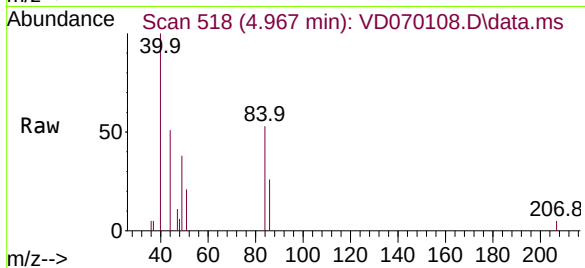
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 29.9 26.8 40.2



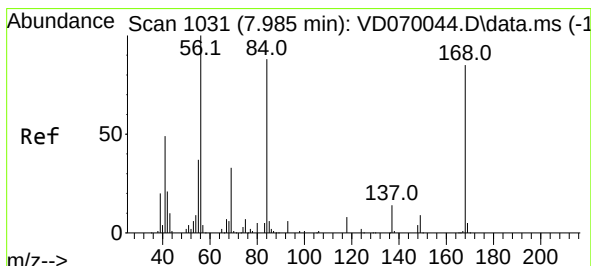
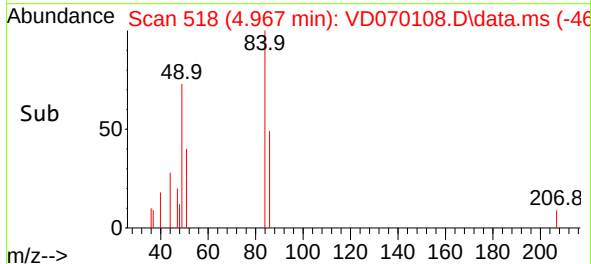
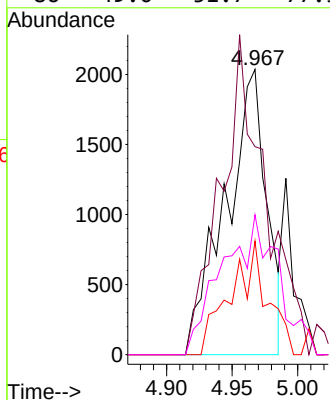


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Instrument :
MSVOA_D
ClientSampleId :
2021-08-11-FD-02

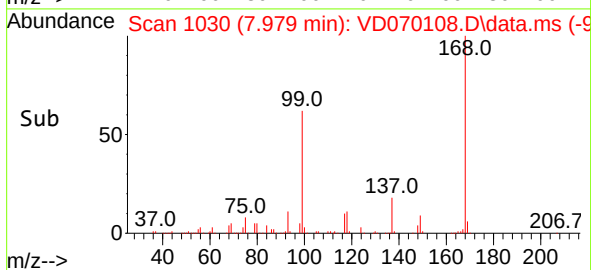
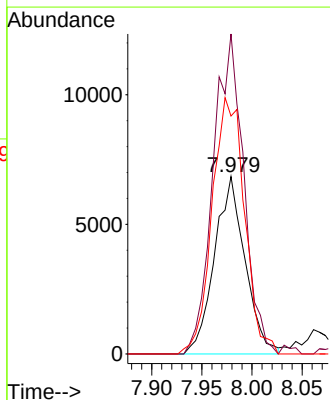
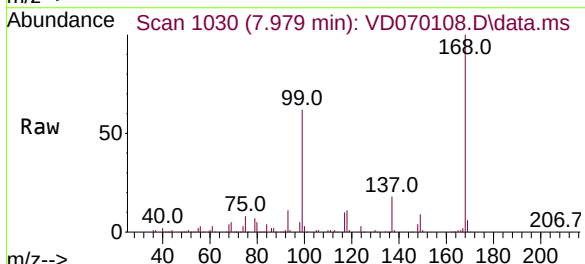


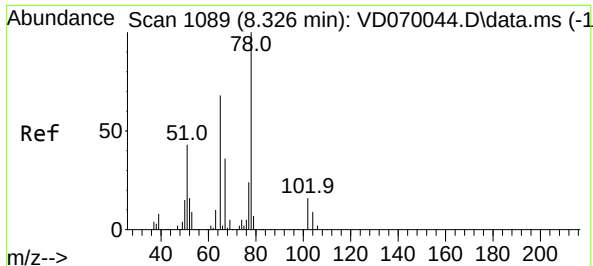
Tgt Ion: 84 Resp: 4446
Ion Ratio Lower Upper
84 100
49 72.9 92.5 138.7#
51 39.8 29.7 44.5
86 49.0 51.7 77.5#



#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Tgt Ion: 56 Resp: 14534
Ion Ratio Lower Upper
56 100
69 180.3 26.7 40.1#
84 134.0 70.4 105.6#



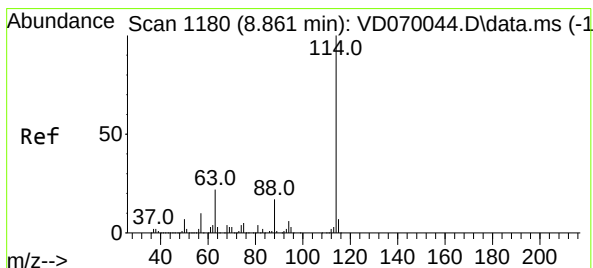
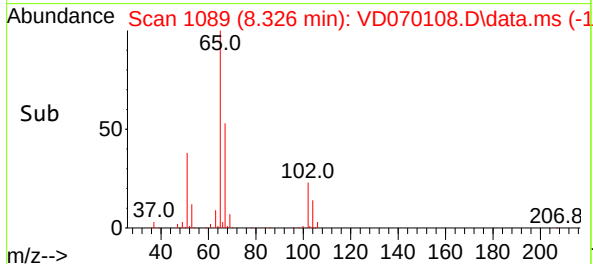
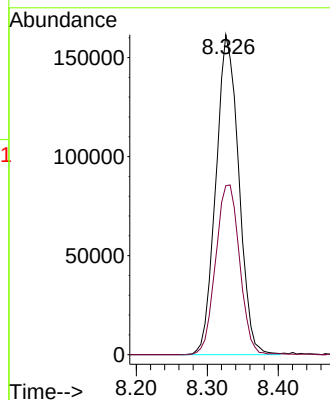
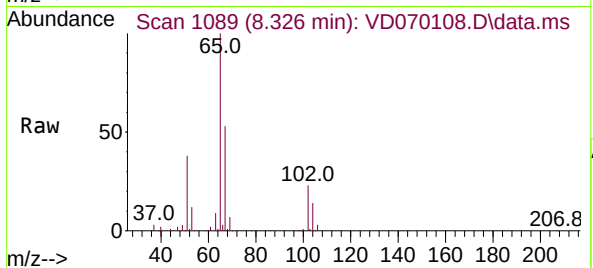


#33

1,2-Dichloroethane-d4
Concen: 55.103 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Instrument :
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ClientSampleId :
2021-08-11-FD-02

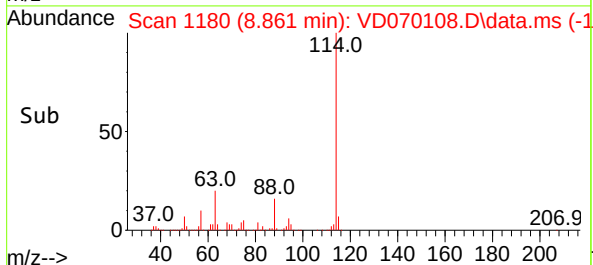
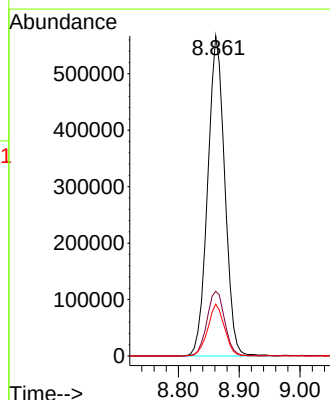
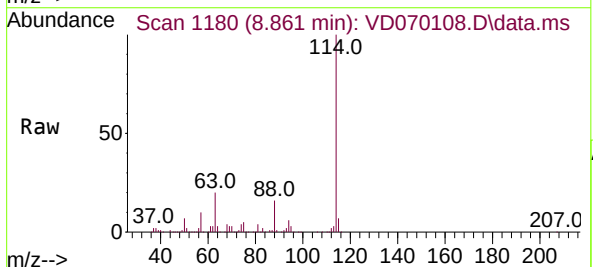
Tgt Ion: 65 Resp: 361524
Ion Ratio Lower Upper
65 100
67 55.6 0.0 107.8

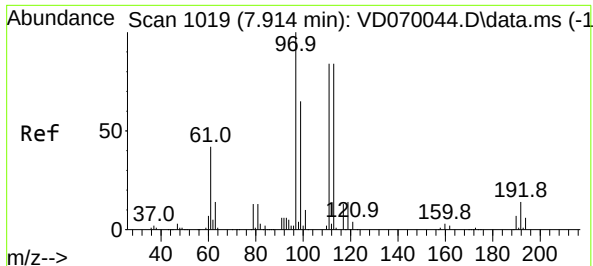


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Tgt Ion: 114 Resp: 1104082
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.6
88 16.2 0.0 33.4

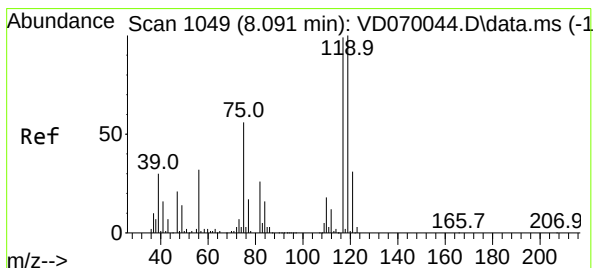
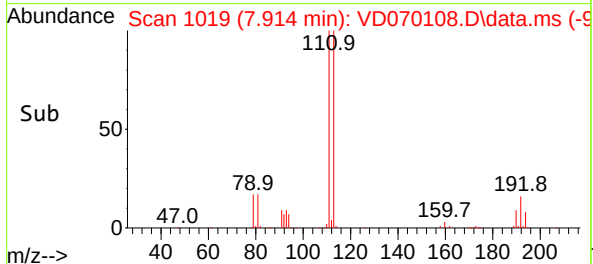
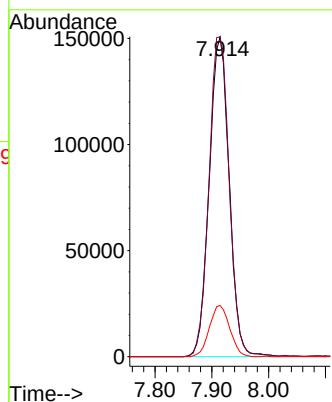
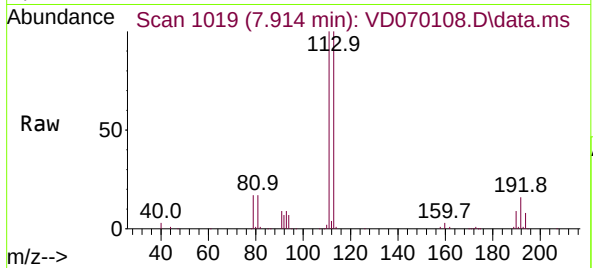




#35
Dibromofluoromethane
Concen: 51.457 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

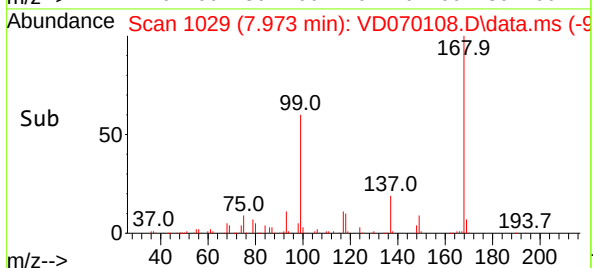
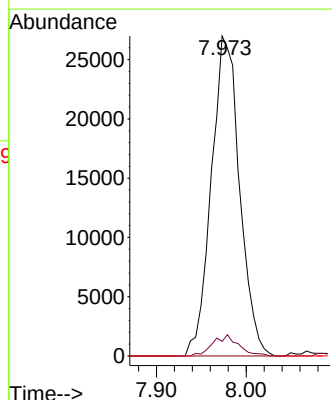
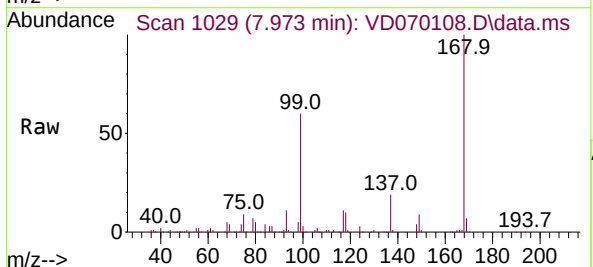
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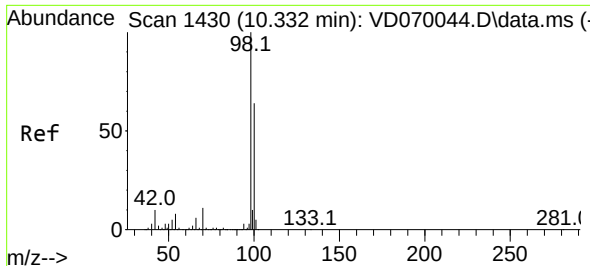
Tgt Ion:113 Resp: 367045
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.3 13.2 19.8



#38
Carbon Tetrachloride
Concen: 5.477 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Tgt Ion:117 Resp: 59056
Ion Ratio Lower Upper
117 100
119 4.6 81.0 121.6#
121 0.0 25.0 37.6#

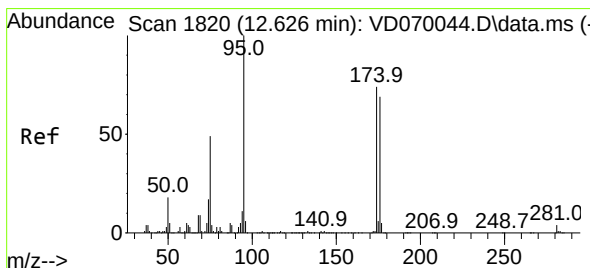
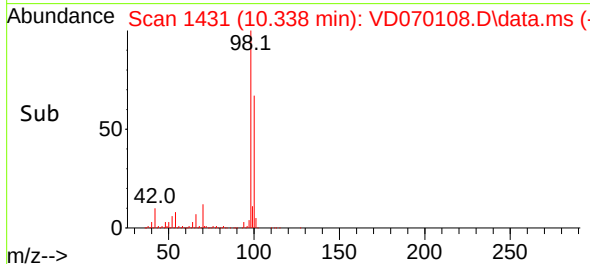
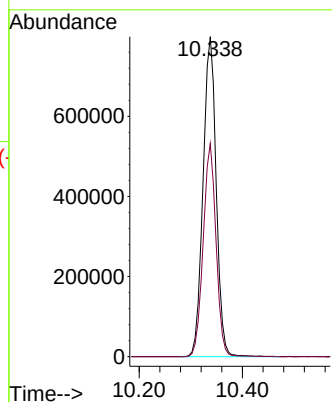
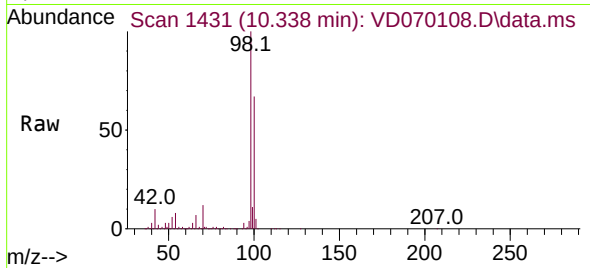




#50
Toluene-d8
Concen: 50.823 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

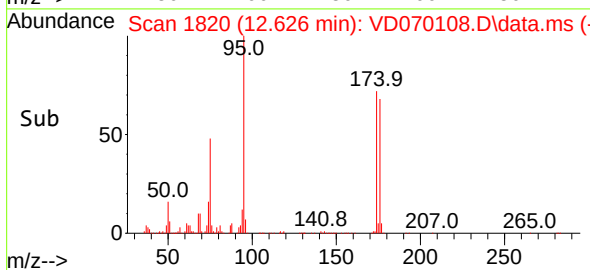
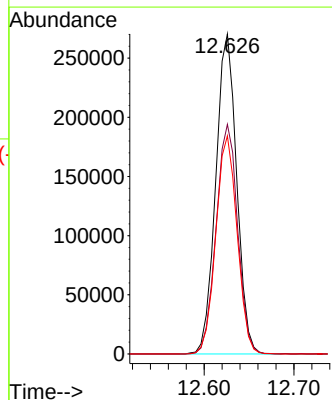
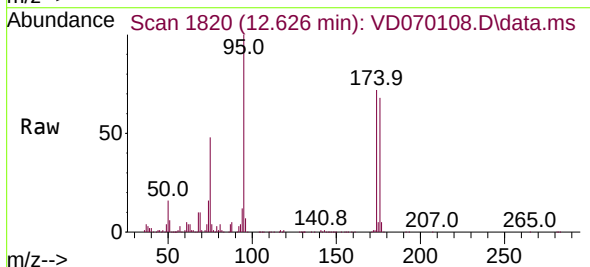
Instrument :
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2021-08-11-FD-02

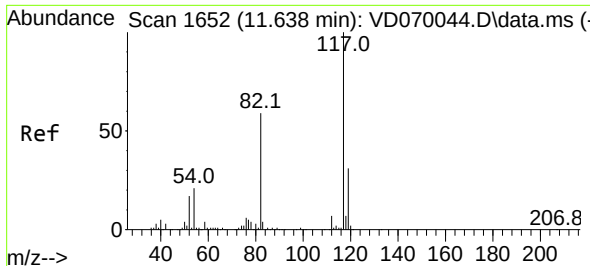
Tgt Ion: 98 Resp: 1410028
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.829 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Tgt Ion: 95 Resp: 437066
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 69.3 0.0 138.2

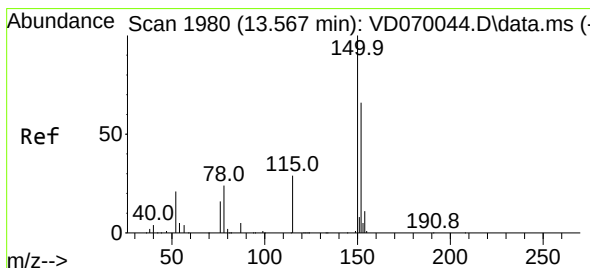
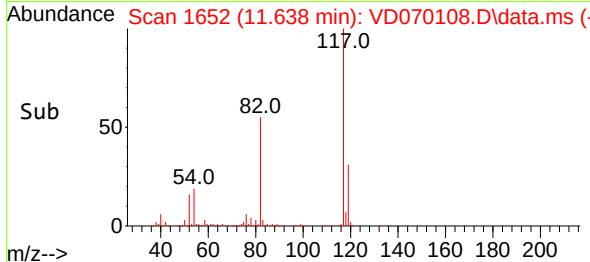
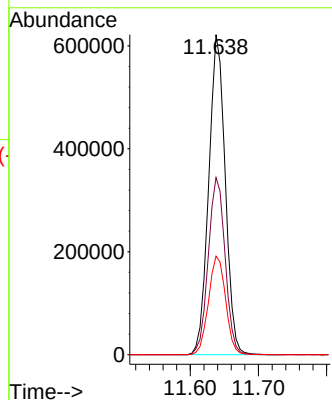
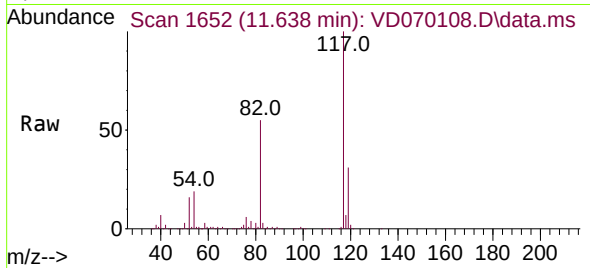




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

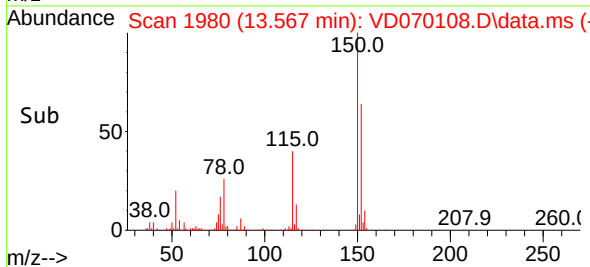
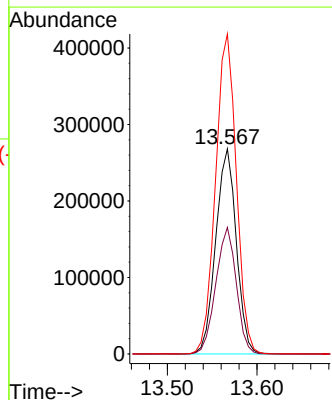
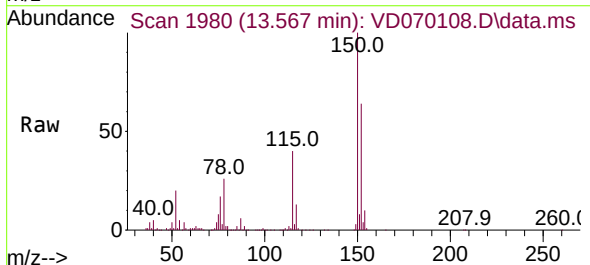
Instrument :
MSVOA_D
ClientSampleId :
2021-08-11-FD-02

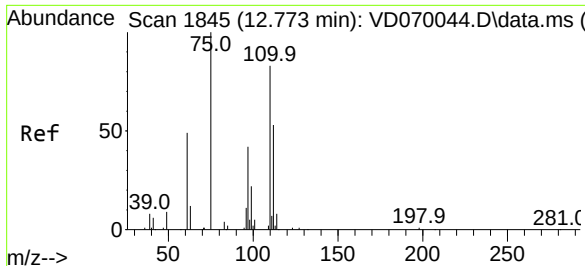
Tgt Ion:117 Resp: 1046305
Ion Ratio Lower Upper
117 100
82 55.4 47.5 71.3
119 30.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Tgt Ion:152 Resp: 427079
Ion Ratio Lower Upper
152 100
115 61.4 31.2 93.6
150 157.6 0.0 352.0

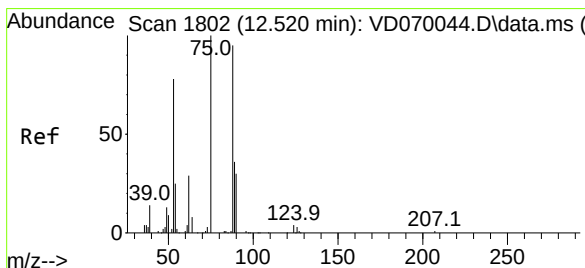
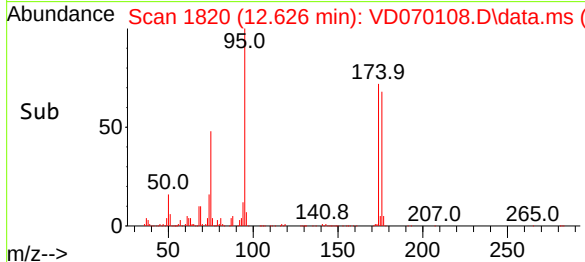
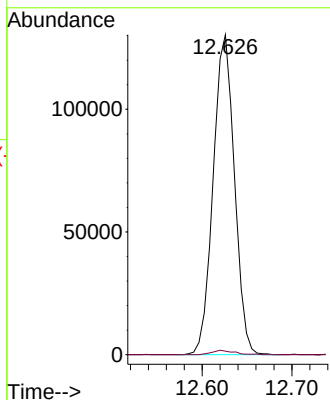
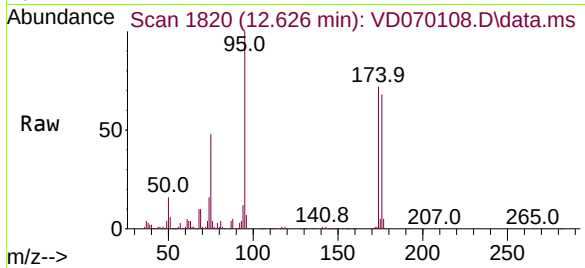




#76
1,2,3-Trichloropropane
Concen: 49.487 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Instrument :
MSVOA_D
ClientSampleId :
2021-08-11-FD-02

Tgt Ion: 75 Resp: 214336
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.450 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070108.D
Acq: 18 Aug 2021 02:38

Tgt Ion: 75 Resp: 214336
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

