

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070079.D
 Acq On : 17 Aug 2021 10:52
 Operator : VA/SY
 Sample : VD0817SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBL01

Quant Time: Aug 18 03:05:22 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)

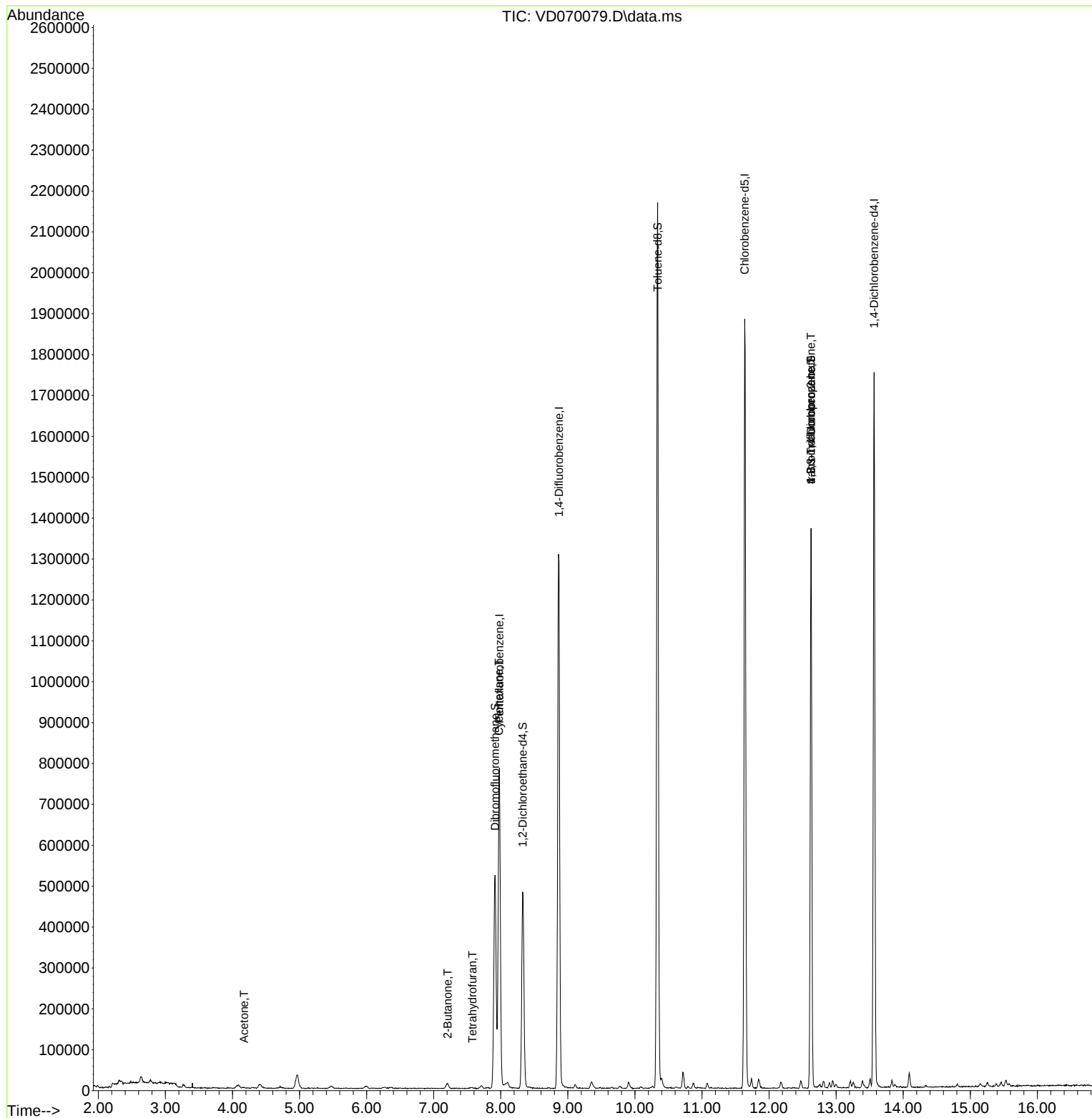
Internal Standards						
1) Pentafluorobenzene	7.979	168	541504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1130363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1097715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	460997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	377623	59.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.580%	
35) Dibromofluoromethane	7.914	113	387650	53.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.160%	
50) Toluene-d8	10.338	98	1486207	52.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.640%	
62) 4-Bromofluorobenzene	12.626	95	463443	49.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	3630	Below Cal		92
3) Chloromethane	2.209	50	5162	Below Cal	#	76
5) Bromomethane	2.773	94	5186	Below Cal		83
16) Acetone	4.173	43	3288	2.802	ug/l	92
20) Methylene Chloride	4.967	84	25885	Below Cal		97
25) 2-Butanone	7.208	43	1654	1.032	ug/l #	44
29) Tetrahydrofuran	7.579	42	1561	1.487	ug/l #	73
31) Cyclohexane	7.973	56	17986	1.427	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	227128	48.582	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	227128	126.101	ug/l #	18

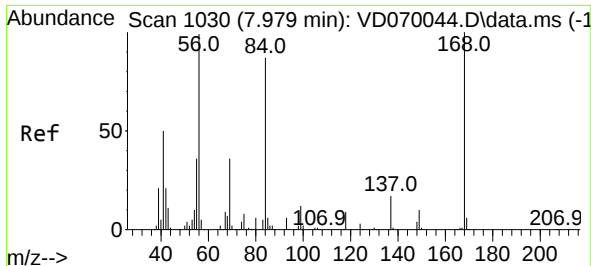
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
Data File : VD070079.D
Acq On : 17 Aug 2021 10:52
Operator : VA/SY
Sample : VD0817SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

Quant Time: Aug 18 03:05:22 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

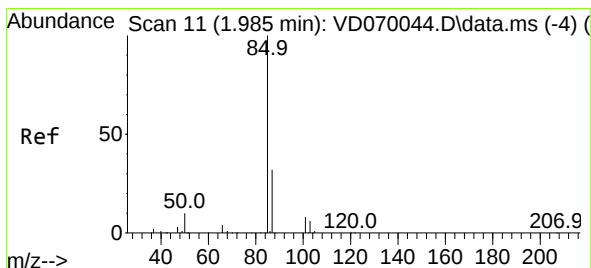
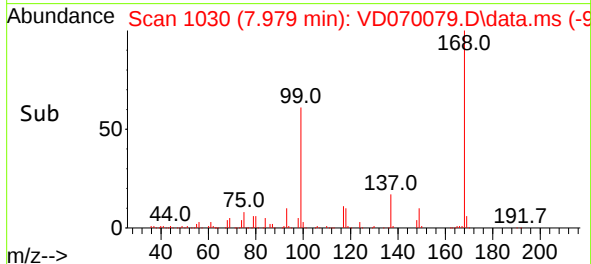
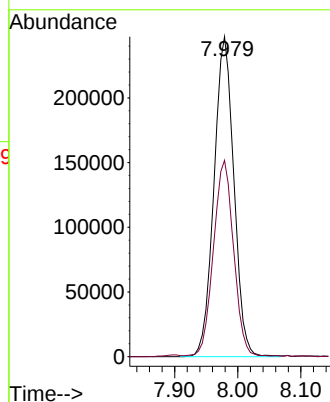
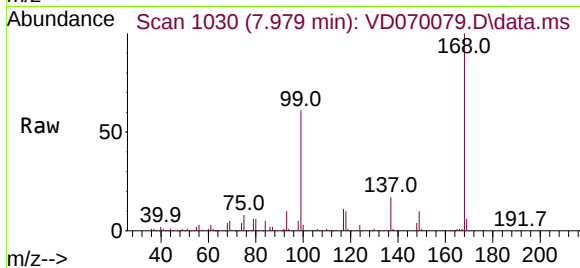




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

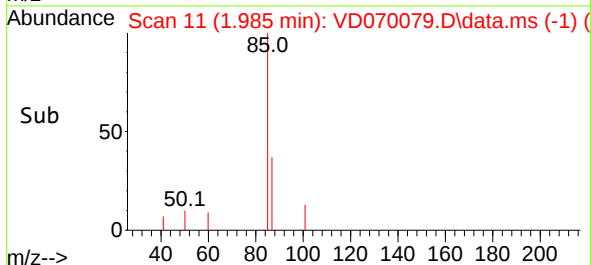
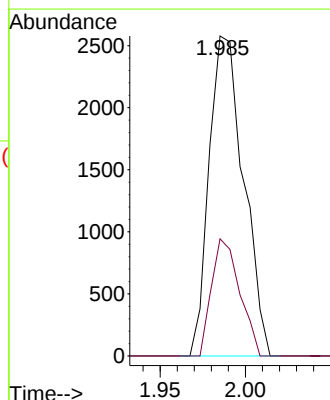
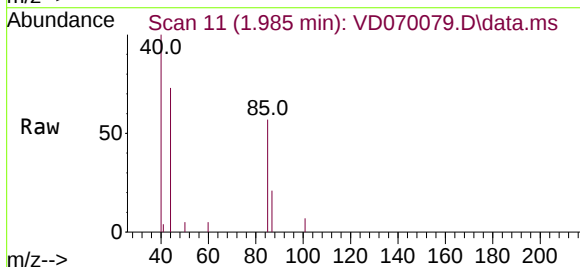
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

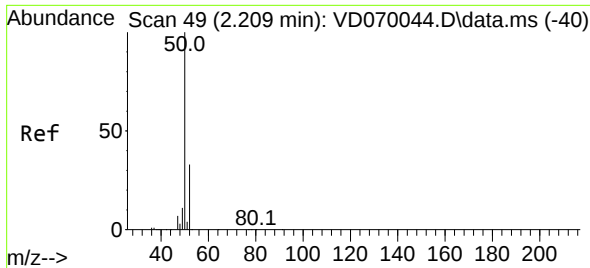
Tgt Ion:168 Resp: 541504
Ion Ratio Lower Upper
168 100
99 61.1 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

Tgt Ion: 85 Resp: 3630
Ion Ratio Lower Upper
85 100
87 36.6 16.2 48.6

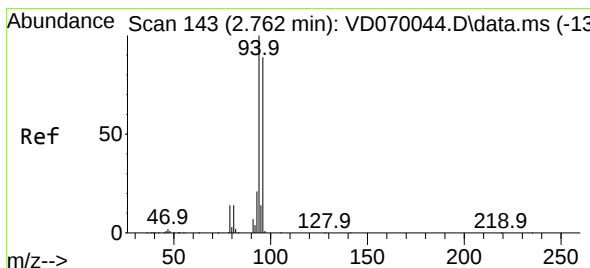
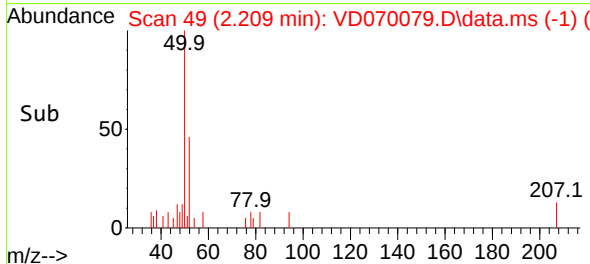
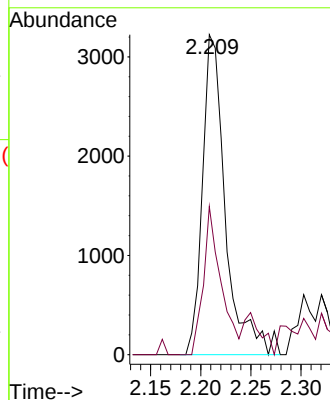
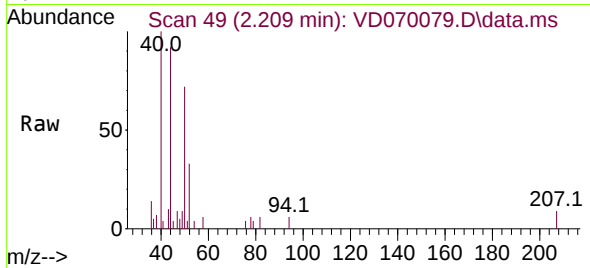




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

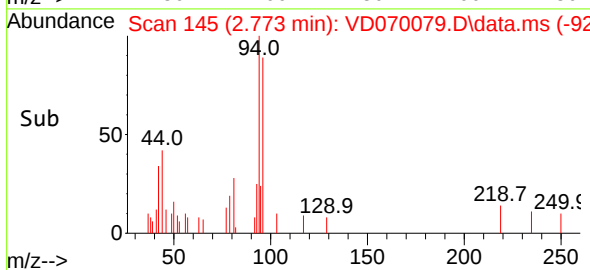
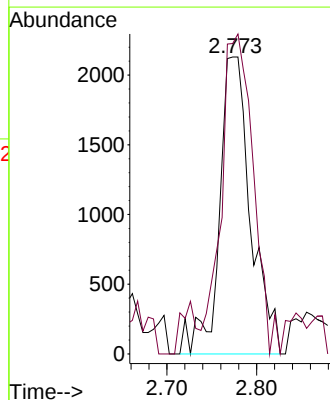
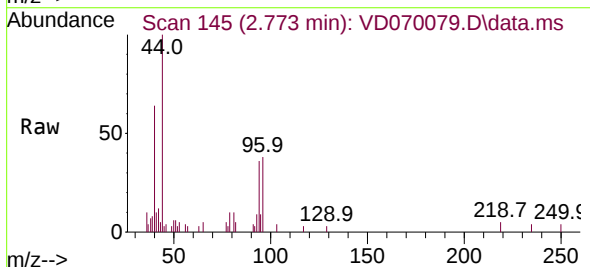
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

Tgt Ion: 50 Resp: 5162
Ion Ratio Lower Upper
50 100
52 46.3 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

Tgt Ion: 94 Resp: 5186
Ion Ratio Lower Upper
94 100
96 104.5 70.9 106.3

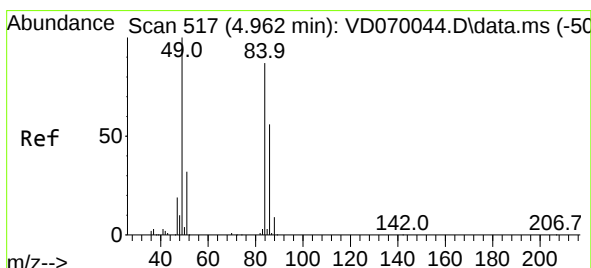
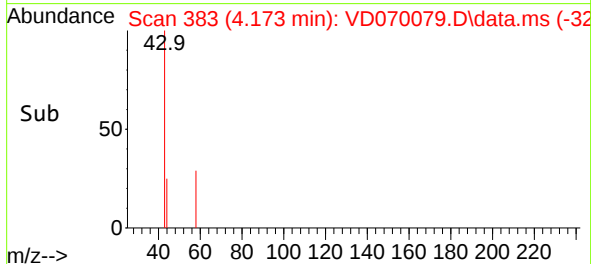
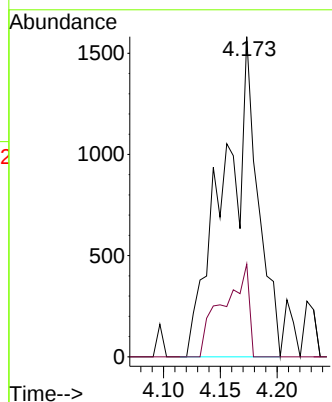
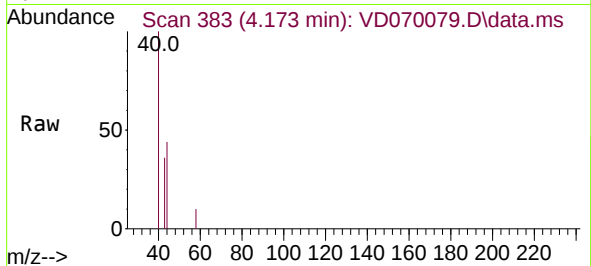




#16
Acetone
Concen: 2.802 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

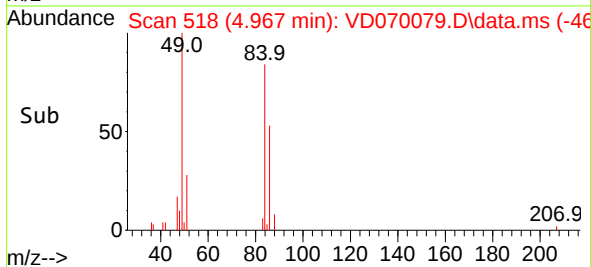
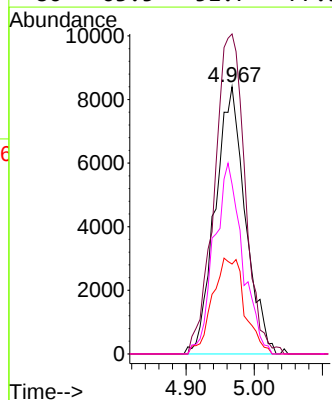
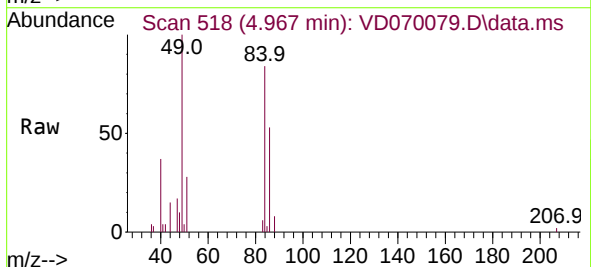
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

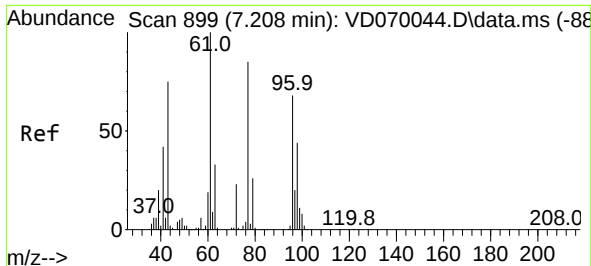
Tgt Ion: 43 Resp: 3288
Ion Ratio Lower Upper
43 100
58 29.0 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

Tgt Ion: 84 Resp: 25885
Ion Ratio Lower Upper
84 100
49 119.7 92.5 138.7
51 33.6 29.7 44.5
86 63.5 51.7 77.5

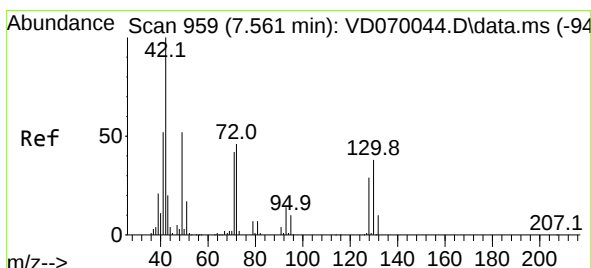
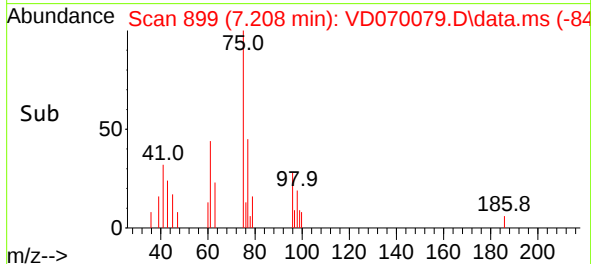
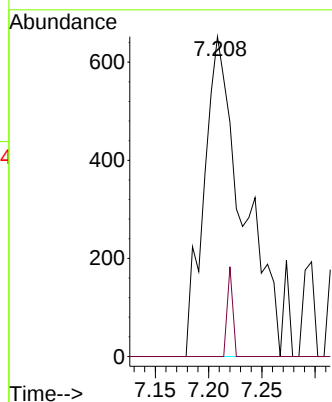
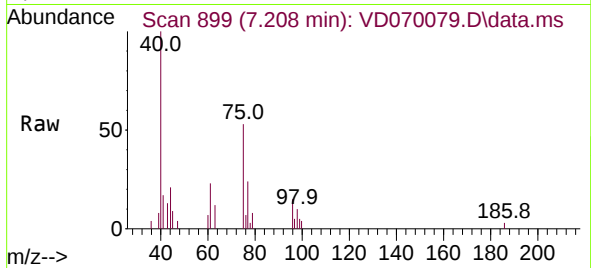




#25
2-Butanone
Concen: 1.032 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

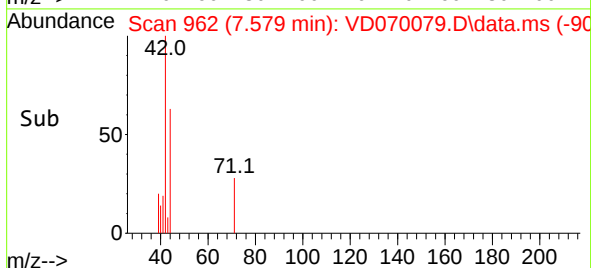
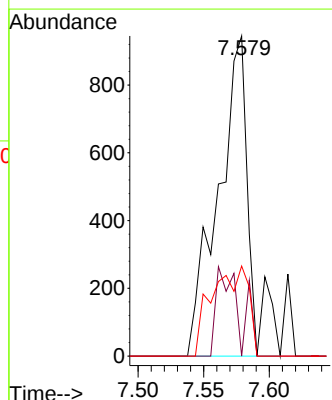
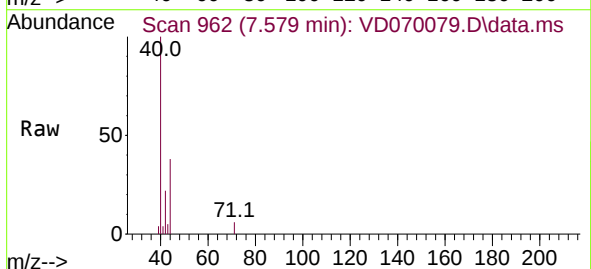
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

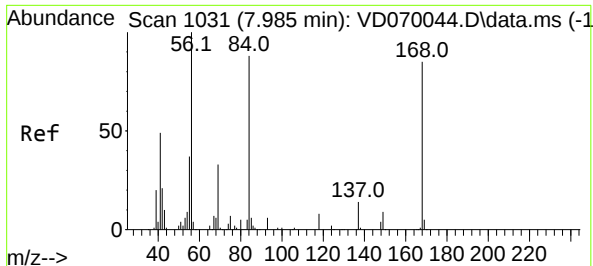
Tgt Ion: 43 Resp: 1654
Ion Ratio Lower Upper
43 100
72 0.0 24.2 36.4#



#29
Tetrahydrofuran
Concen: 1.487 ug/l
RT: 7.579 min Scan# 962
Delta R.T. 0.018 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

Tgt Ion: 42 Resp: 1561
Ion Ratio Lower Upper
42 100
72 20.9 37.5 56.3#
71 33.0 33.6 50.4#





#31

Cyclohexane

Concen: 1.427 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD070079.D

Acq: 17 Aug 2021 10:52

Instrument :

MSVOA_D

ClientSampleId :

VD0817SBL01

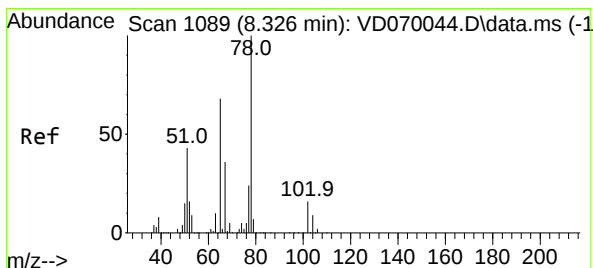
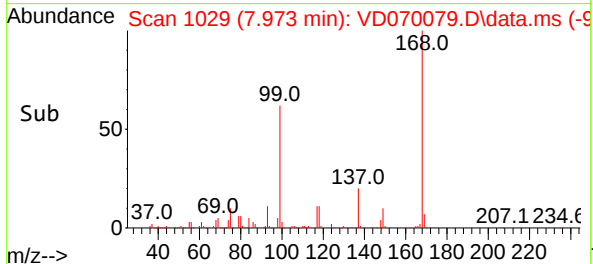
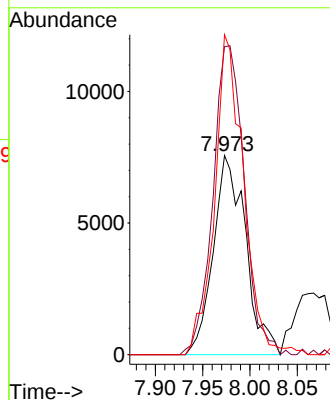
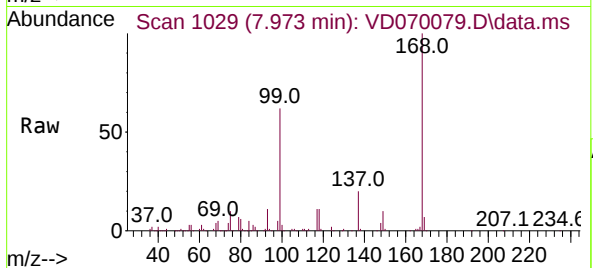
Tgt Ion: 56 Resp: 17986

Ion Ratio Lower Upper

56 100

69 154.7 26.7 40.1#

84 160.7 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 59.291 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070079.D

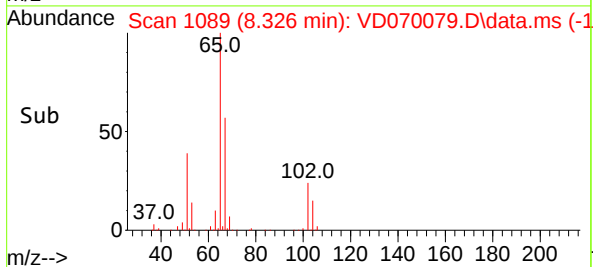
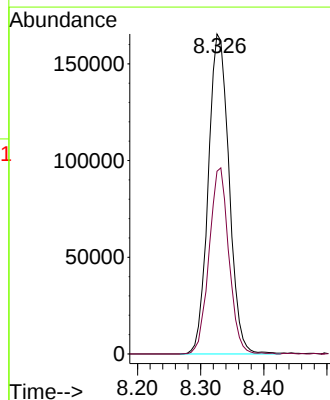
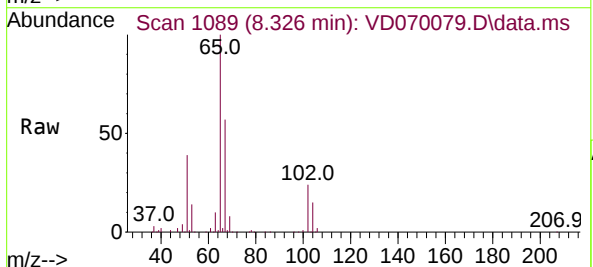
Acq: 17 Aug 2021 10:52

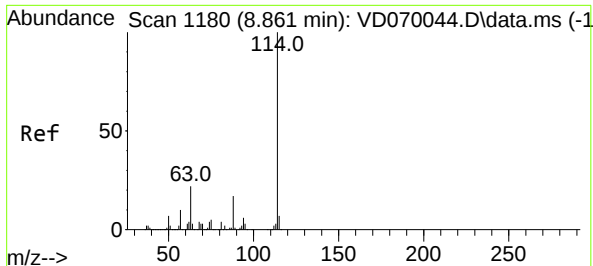
Tgt Ion: 65 Resp: 377623

Ion Ratio Lower Upper

65 100

67 55.4 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD070079.D

Acq: 17 Aug 2021 10:52

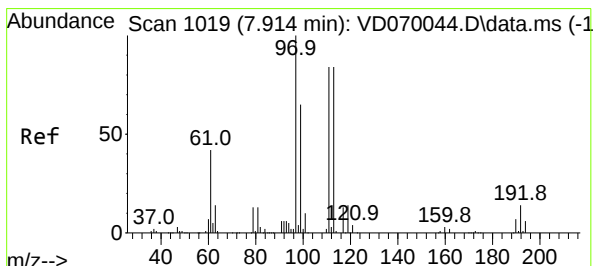
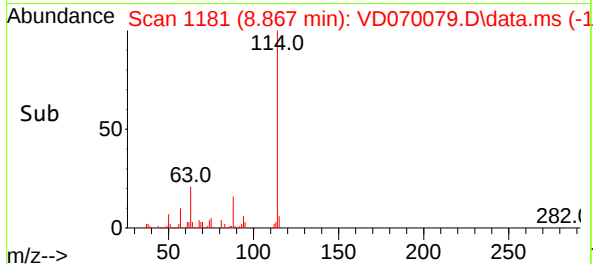
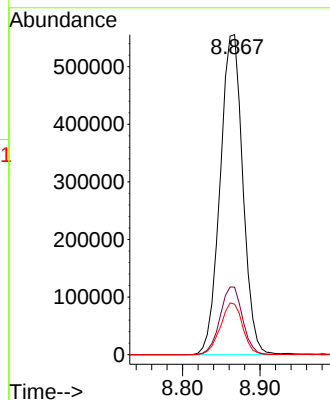
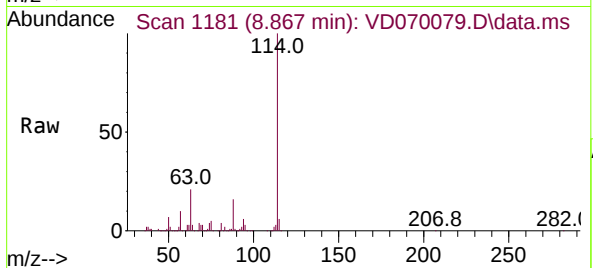
Tgt Ion:114 Resp: 1130363

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.6

88 15.8 0.0 33.4



#35

Dibromofluoromethane

Concen: 53.082 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070079.D

Acq: 17 Aug 2021 10:52

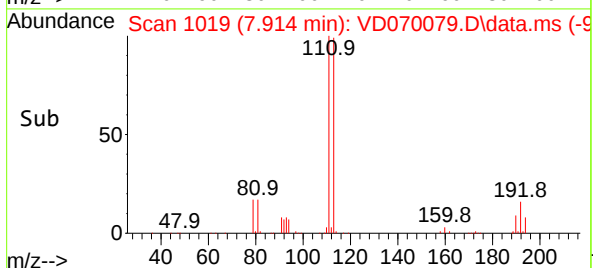
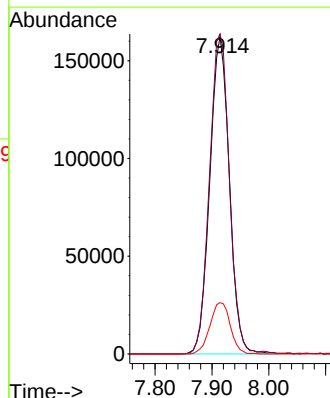
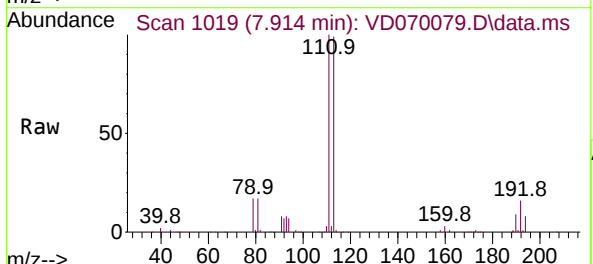
Tgt Ion:113 Resp: 387650

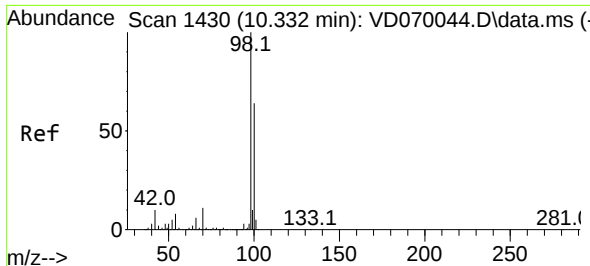
Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.6

192 16.9 13.2 19.8

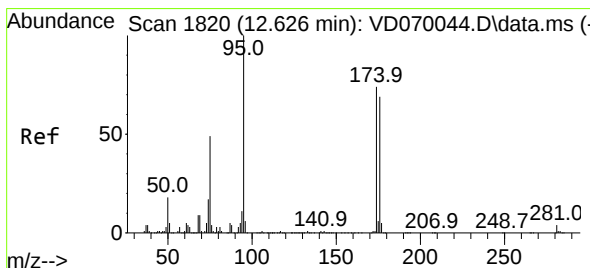
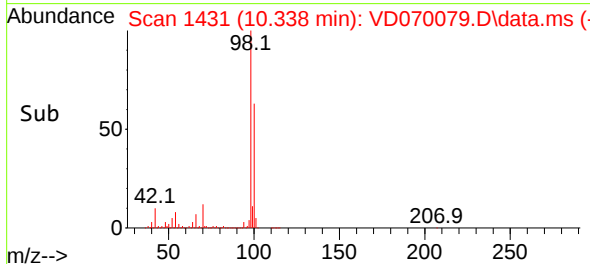
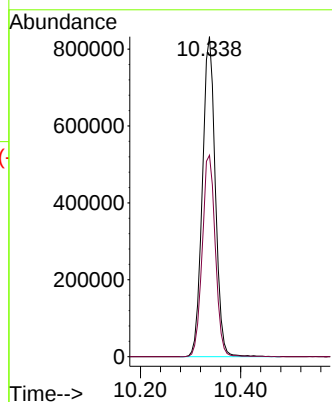
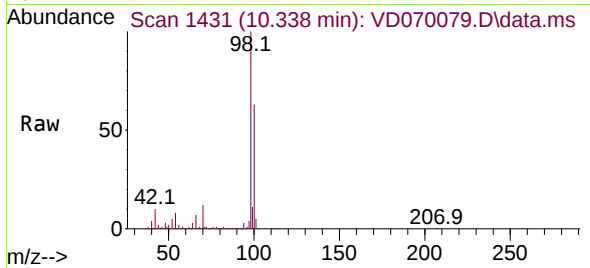




#50
Toluene-d8
Concen: 52.323 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

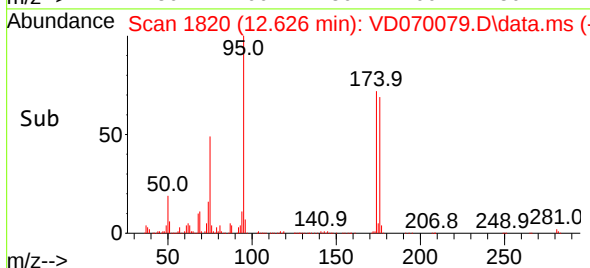
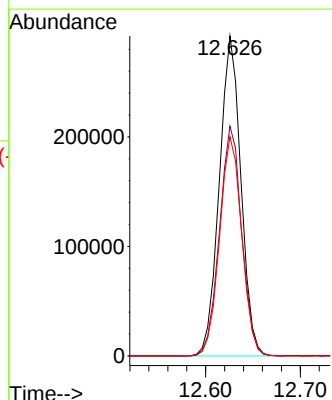
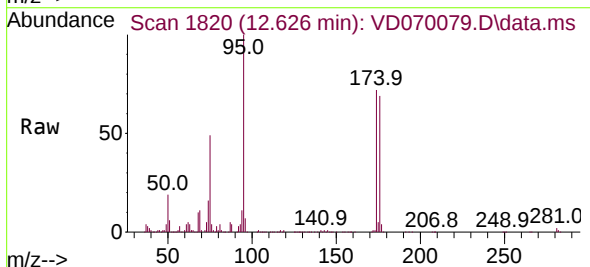
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

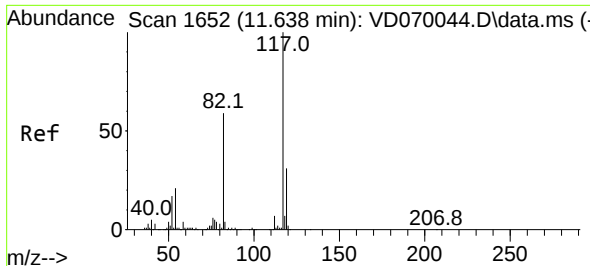
Tgt Ion: 98 Resp: 1486207
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.536 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

Tgt Ion: 95 Resp: 463443
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 70.1 0.0 138.2

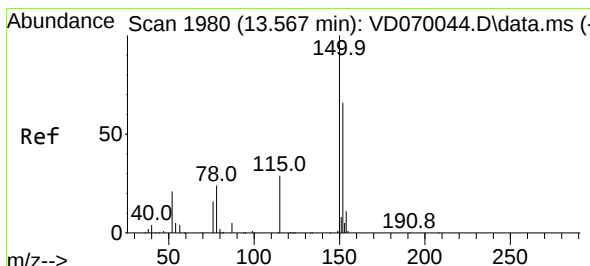
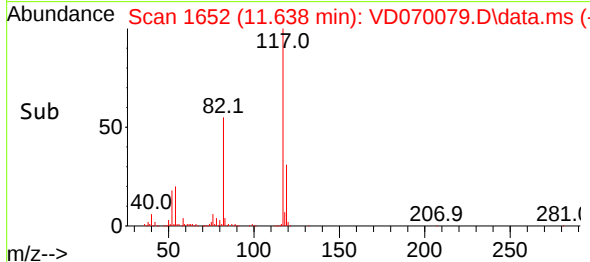
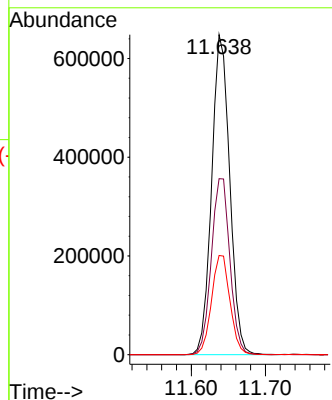
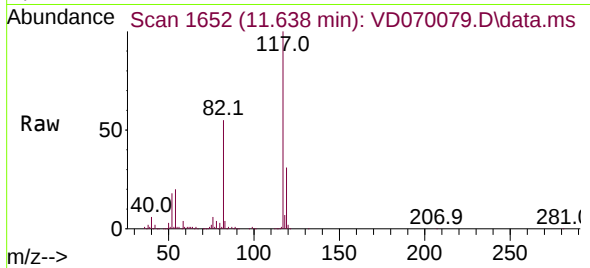




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

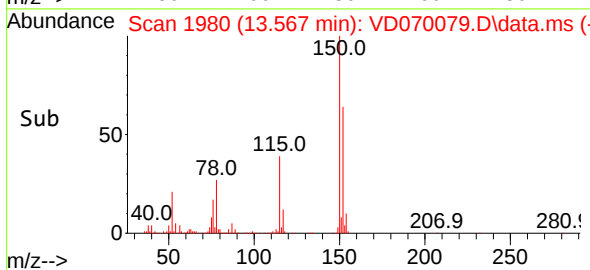
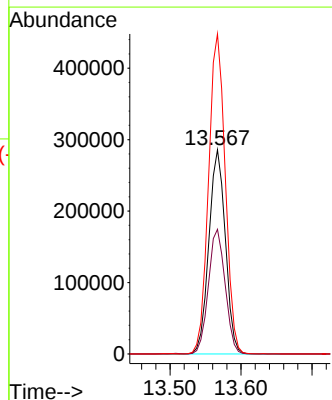
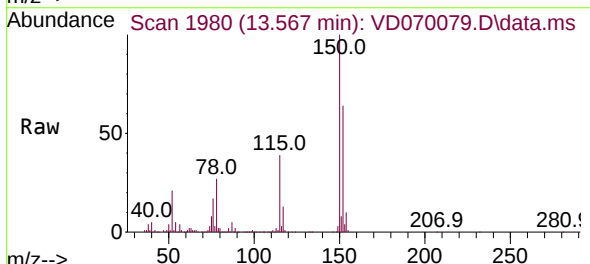
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

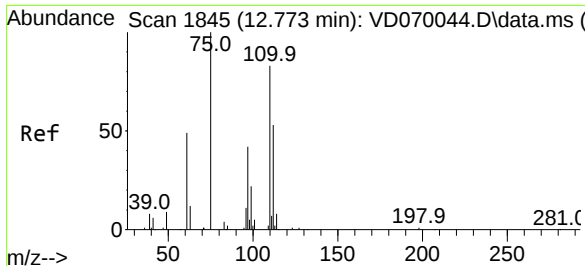
Tgt Ion:117 Resp: 1097715
Ion Ratio Lower Upper
117 100
82 55.0 47.5 71.3
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

Tgt Ion:152 Resp: 460997
Ion Ratio Lower Upper
152 100
115 62.0 31.2 93.6
150 158.2 0.0 352.0

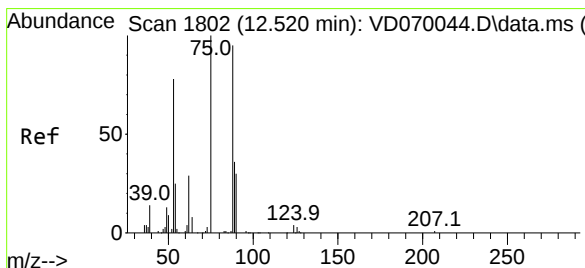
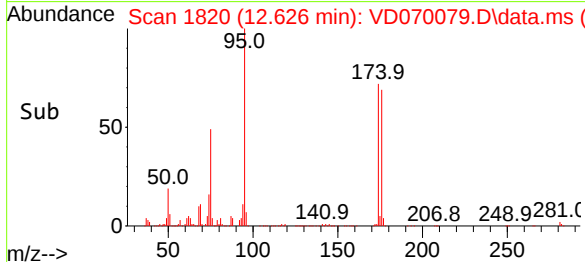
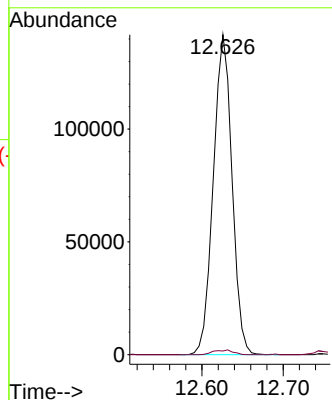
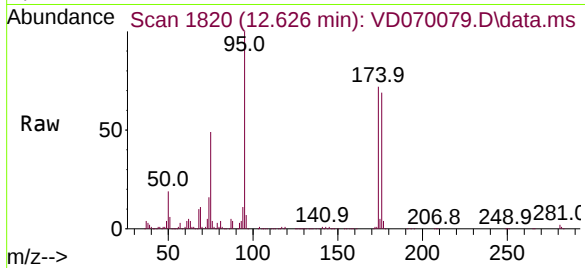




#76
1,2,3-Trichloropropane
Concen: 48.582 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL01

Tgt Ion: 75 Resp: 227128
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.101 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070079.D
Acq: 17 Aug 2021 10:52

Tgt Ion: 75 Resp: 227128
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 33.7 50.5#

