

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101121\
 Data File : VD070653.D
 Acq On : 11 Oct 2021 11:55
 Operator : VA/SY
 Sample : VD1011SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1011SBL01

Quant Time: Oct 12 05:38:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

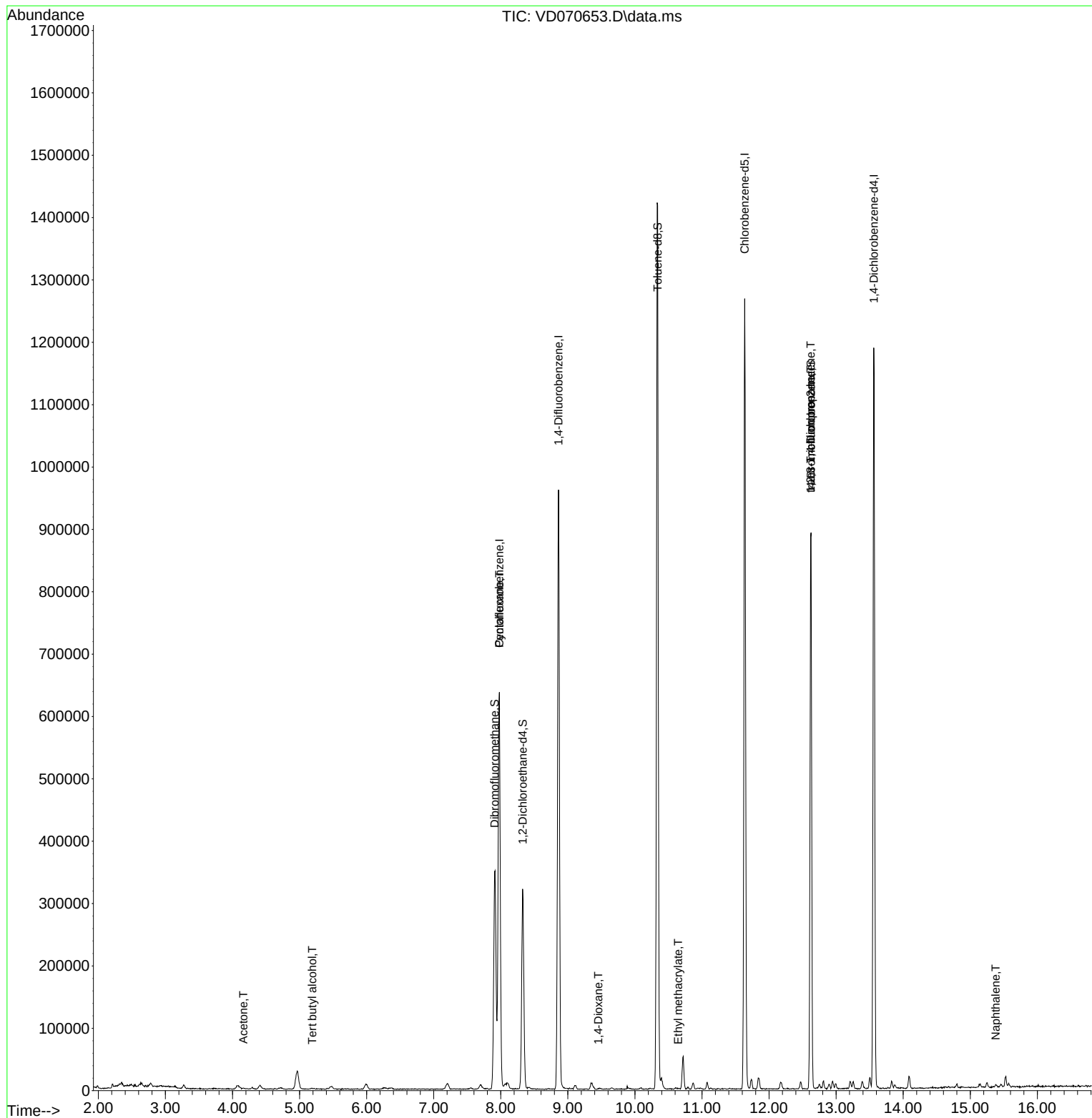
Internal Standards						
1) Pentafluorobenzene	7.979	168	441082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	823927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	764724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	319696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249233	48.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.020%
35) Dibromofluoromethane	7.908	113	263382	48.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.160%
50) Toluene-d8	10.337	98	1030495	49.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.626	95	326321	46.623	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.240%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	4325	Below Cal	#	52
11) Tert butyl alcohol	5.191	59	1179	4.585	ug/l #	83
16) Acetone	4.161	43	2225	2.524	ug/l #	81
20) Methylene Chloride	4.967	84	24588	Below Cal		94
31) Cyclohexane	7.979	56	12751	1.327	ug/l #	13
49) 1,4-Dioxane	9.455	88	109	3.175	ug/l #	23
56) Ethyl methacrylate	10.643	69	499	1.462	ug/l #	41
59) 2-Hexanone	10.973	43	1089	Below Cal	#	51
76) 1,2,3-Trichloropropane	12.620	75	156577	54.111	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	156577	120.137	ug/l #	17
95) Naphthalene	15.378	128	4509	2.912	ug/l #	90

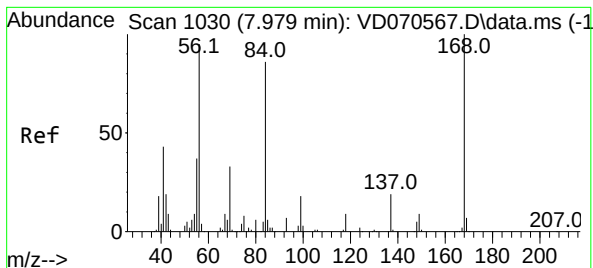
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Oct 12 05:38:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

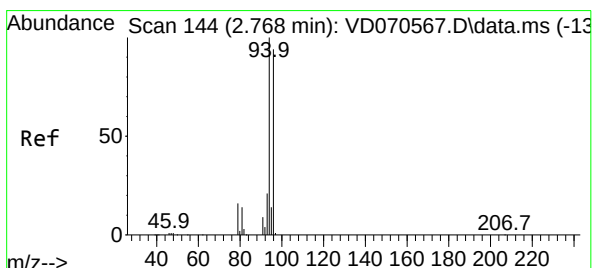
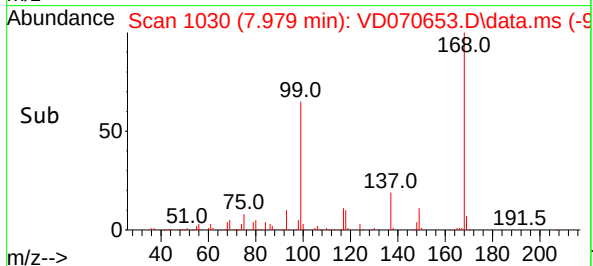
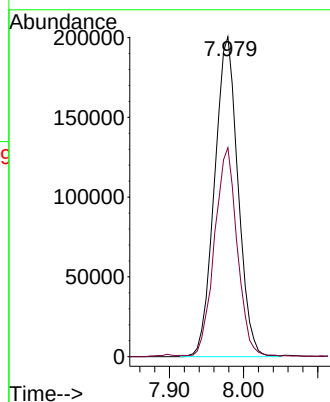
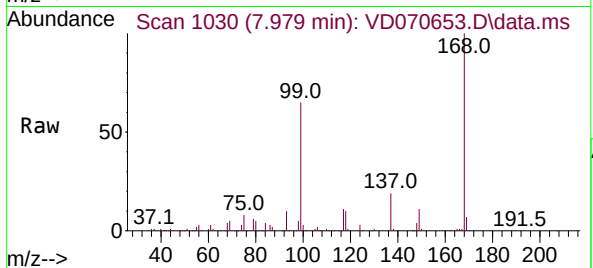




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

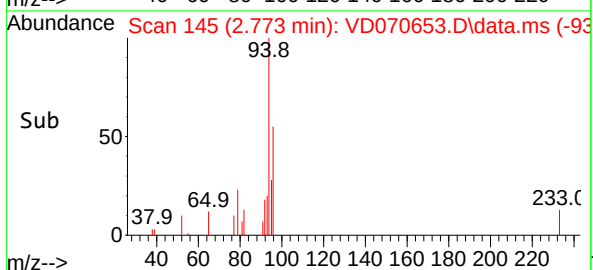
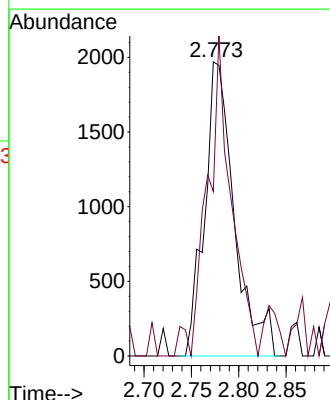
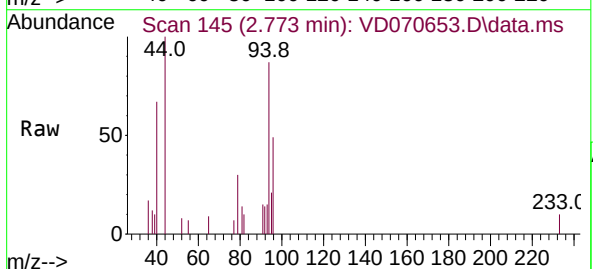
Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

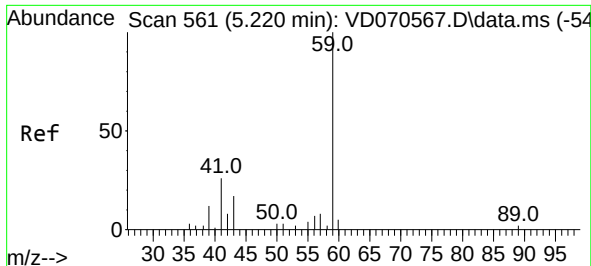
Tgt Ion:168 Resp: 441082
Ion Ratio Lower Upper
168 100
99 65.1 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion: 94 Resp: 4325
Ion Ratio Lower Upper
94 100
96 47.9 75.5 113.3#

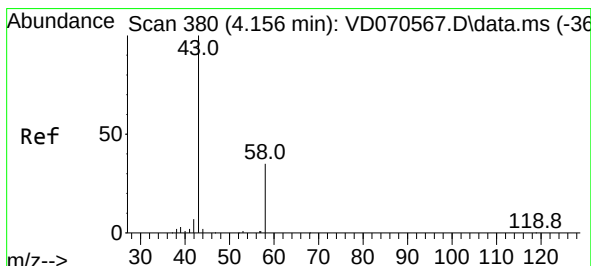
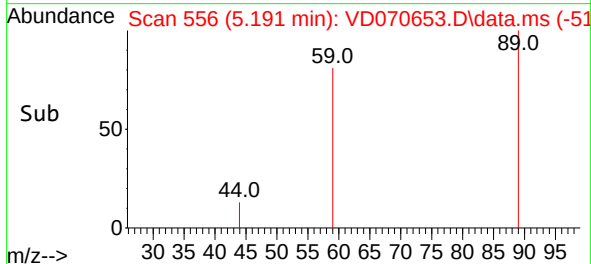
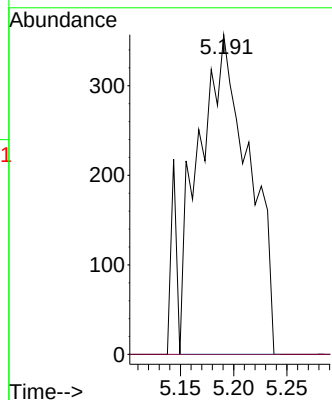
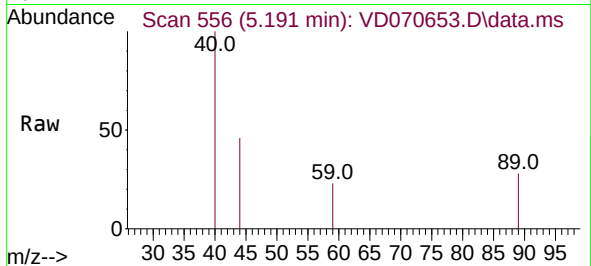




#11
Tert butyl alcohol
Concen: 4.585 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

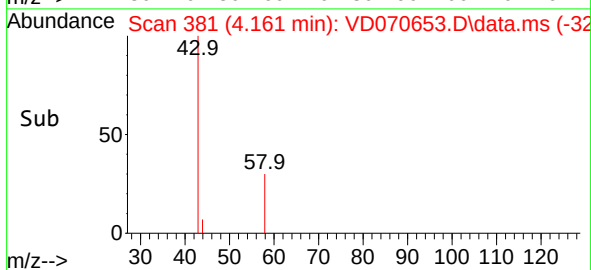
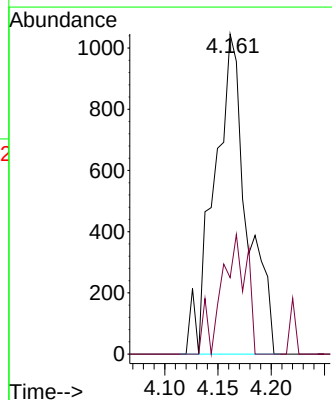
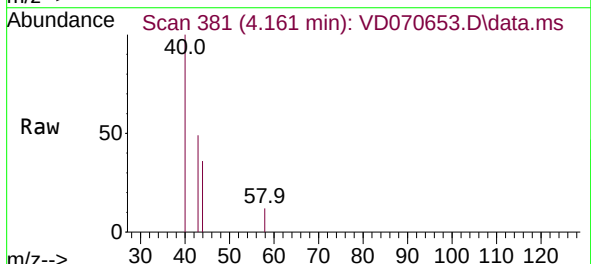
Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

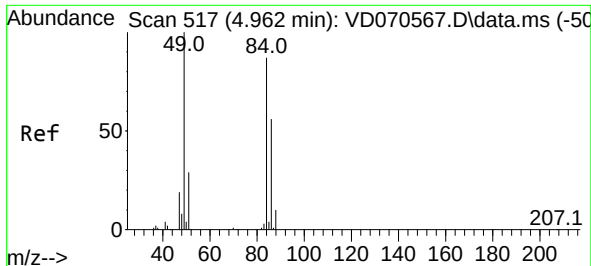
Tgt Ion: 59 Resp: 1179
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#16
Acetone
Concen: 2.524 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

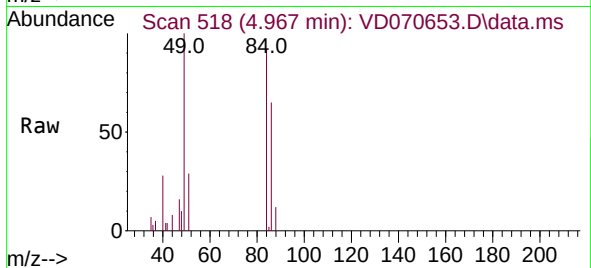
Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
58 23.9 28.2 42.2#



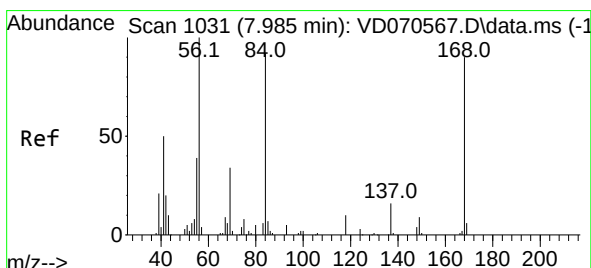
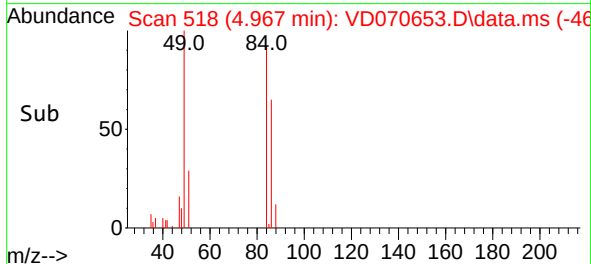
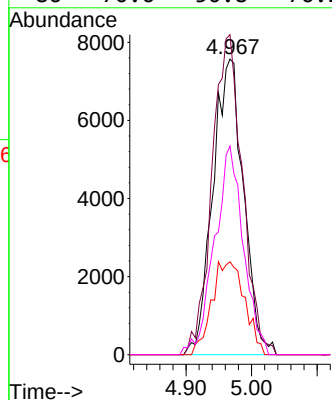


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

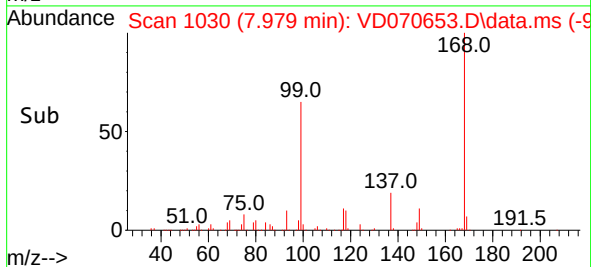
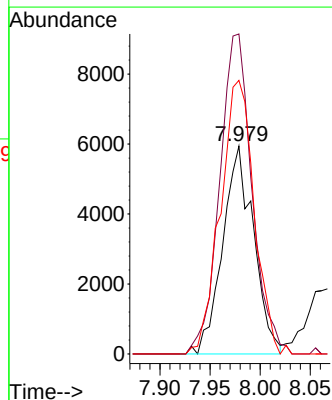
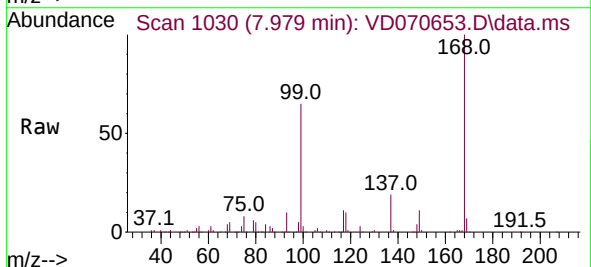


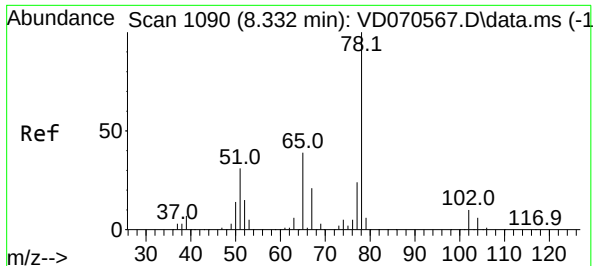
Tgt Ion:	84	Resp:	24588
Ion	Ratio	Lower	Upper
84	100		
49	108.3	91.4	137.2
51	31.4	26.7	40.1
86	70.6	50.8	76.2



#31
Cyclohexane
Concen: 1.327 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion:	56	Resp:	12751
Ion	Ratio	Lower	Upper
56	100		
69	153.9	27.4	41.2#
84	131.6	73.6	110.4#

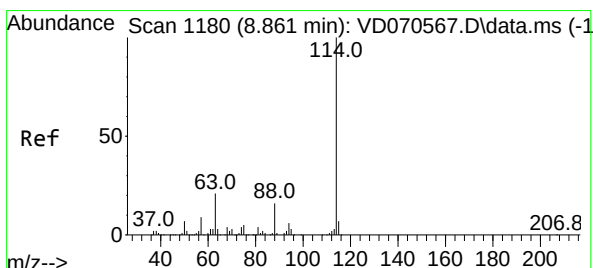
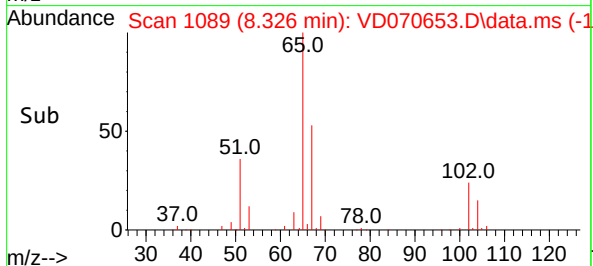
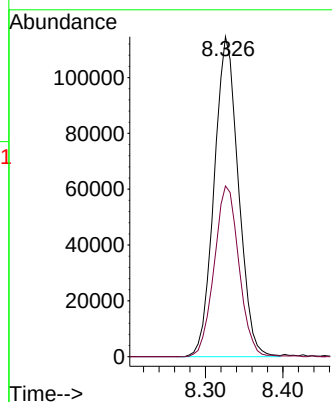
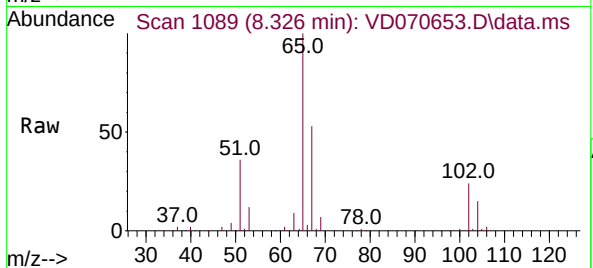




#33
1,2-Dichloroethane-d4
Concen: 48.013 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

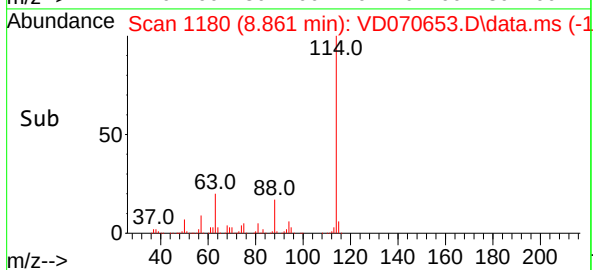
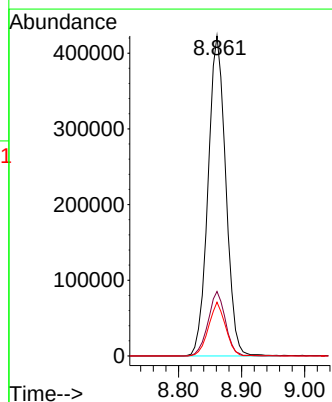
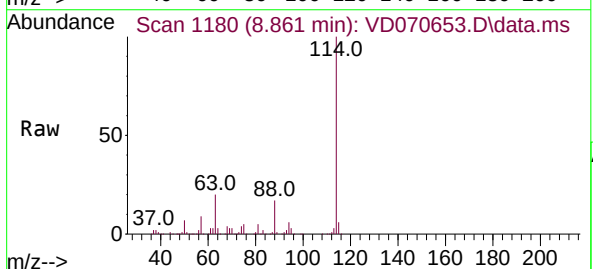
Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

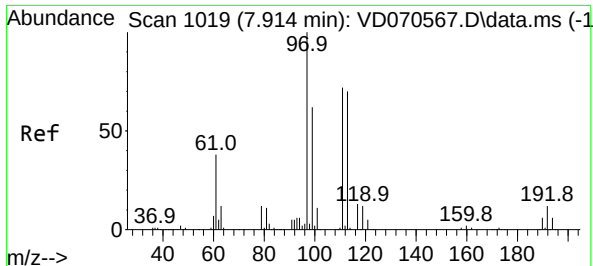
Tgt Ion: 65 Resp: 249233
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion: 114 Resp: 823927
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.8
88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.080 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070653.D

Acq: 11 Oct 2021 11:55

Tgt Ion:113 Resp: 263382

Ion Ratio Lower Upper

113 100

111 103.4 83.1 124.7

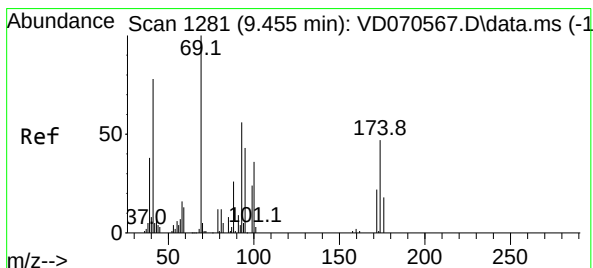
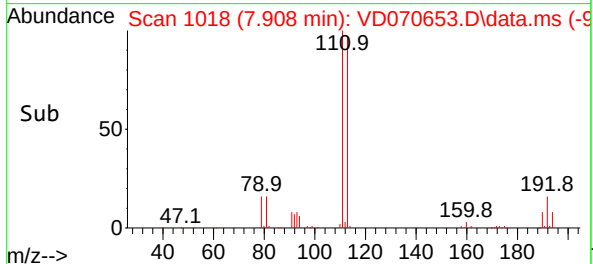
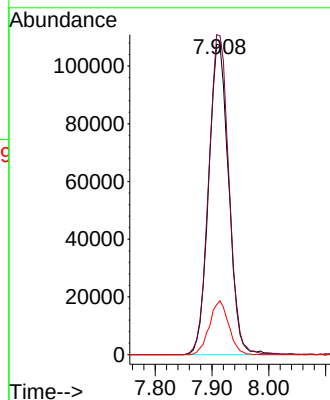
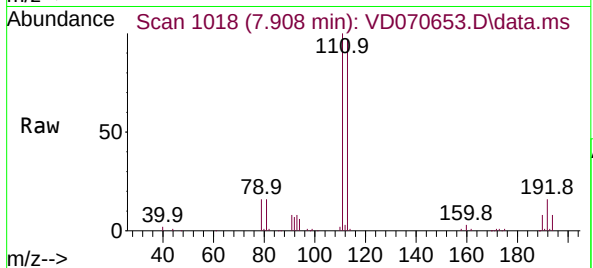
192 16.7 12.7 19.1

Instrument :

MSVOA_D

ClientSampleId :

VD1011SBL01



#49

1,4-Dioxane

Concen: 3.175 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD070653.D

Acq: 11 Oct 2021 11:55

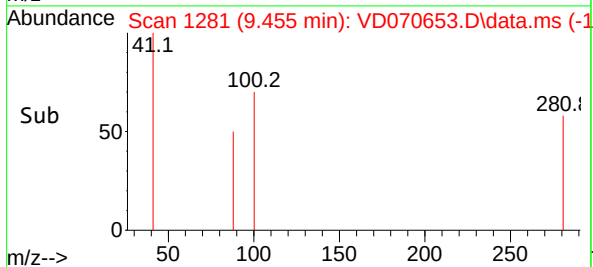
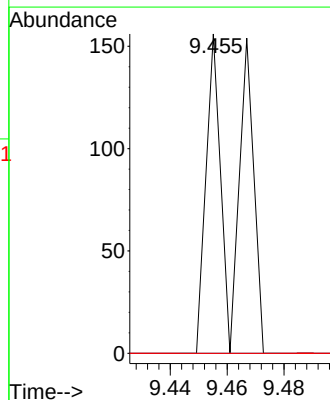
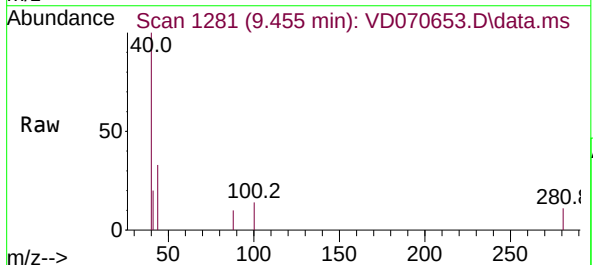
Tgt Ion: 88 Resp: 109

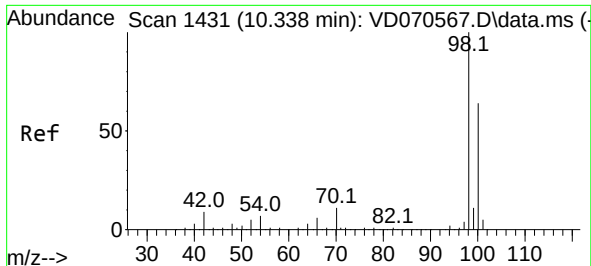
Ion Ratio Lower Upper

88 100

43 0.0 25.1 37.7#

58 0.0 57.4 86.0#

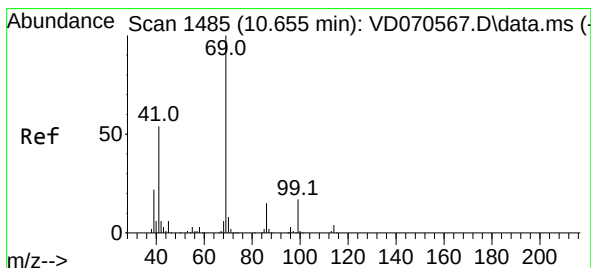
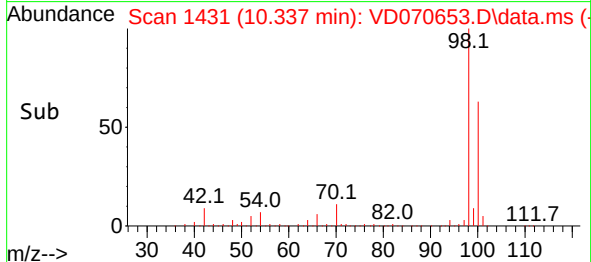
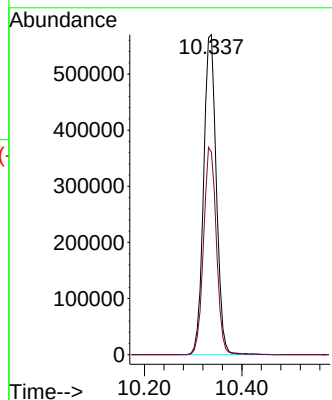
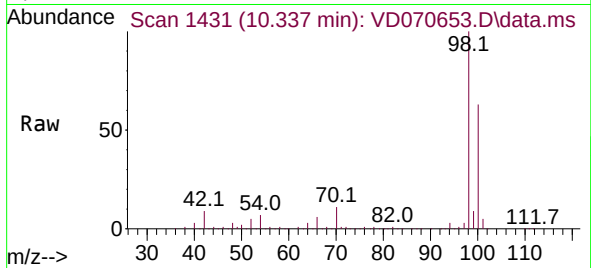




#50
Toluene-d8
Concen: 49.208 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

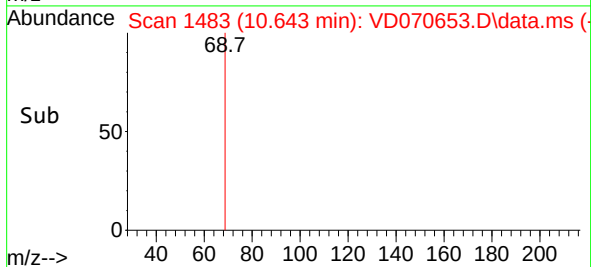
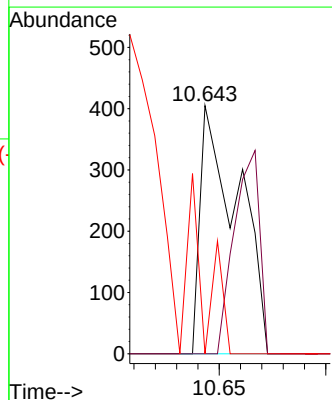
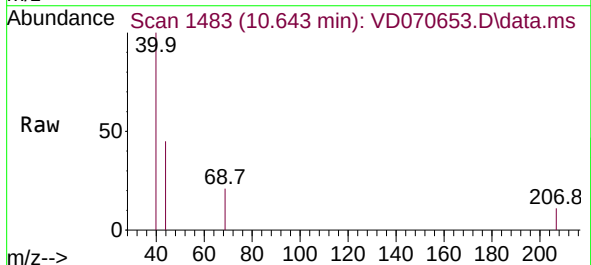
Instrument :
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VD1011SBL01

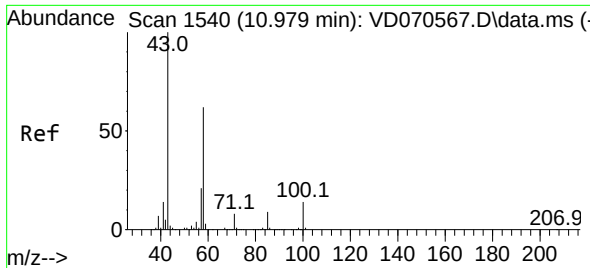
Tgt Ion: 98 Resp: 1030495
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#56
Ethyl methacrylate
Concen: 1.462 ug/l
RT: 10.643 min Scan# 1483
Delta R.T. -0.012 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion: 69 Resp: 499
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 33.9 19.5 29.3#

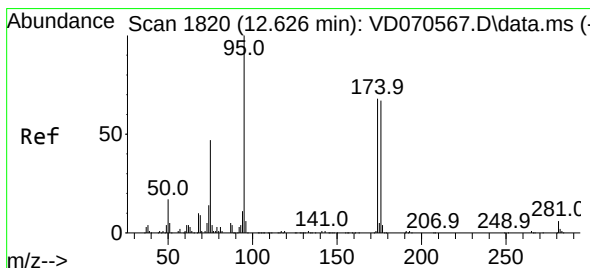
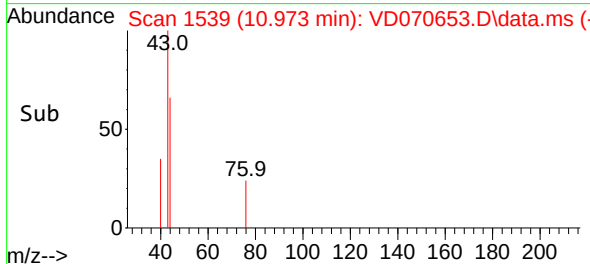
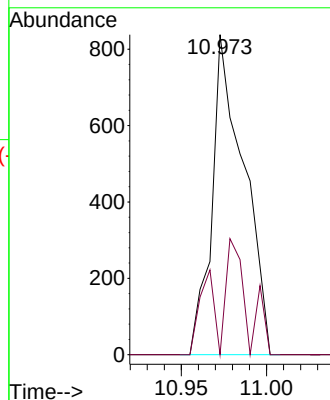
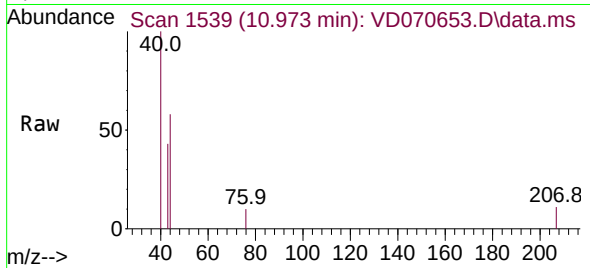




#59
2-Hexanone
Concen: Below Cal
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

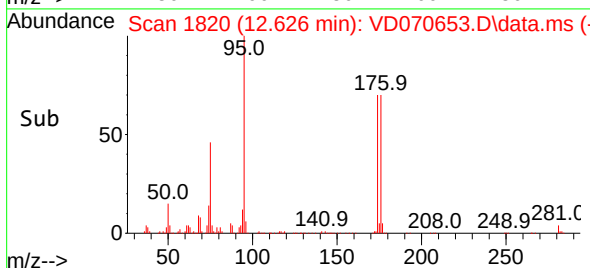
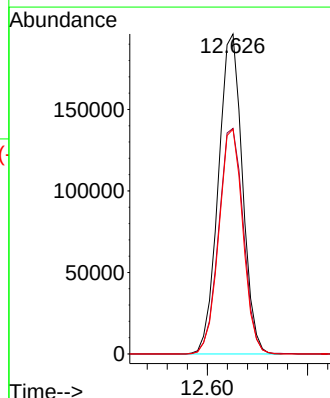
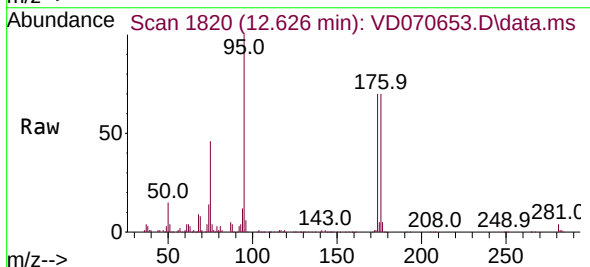
Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

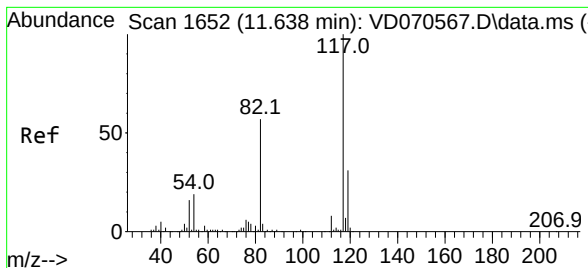
Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
58 23.8 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 46.623 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion: 95 Resp: 326321
Ion Ratio Lower Upper
95 100
174 72.5 0.0 138.0
176 70.1 0.0 135.6

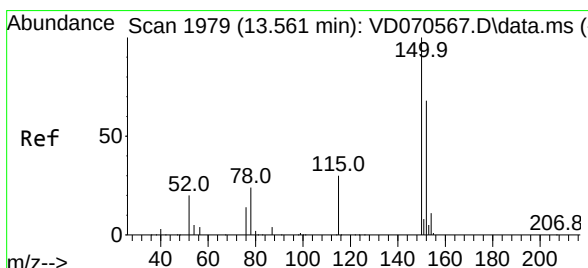
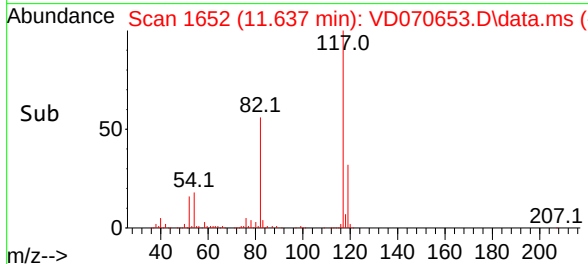
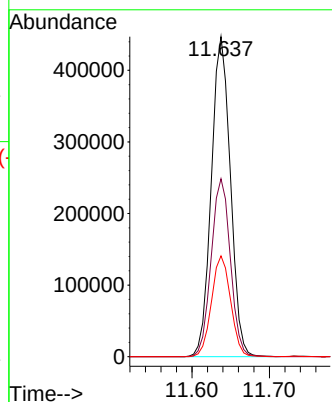
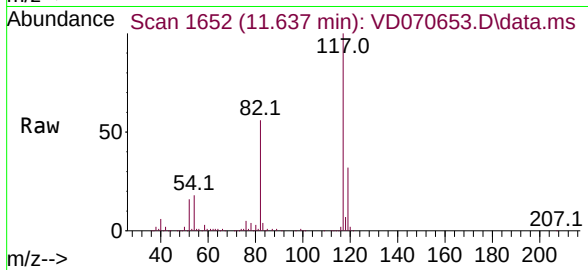




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

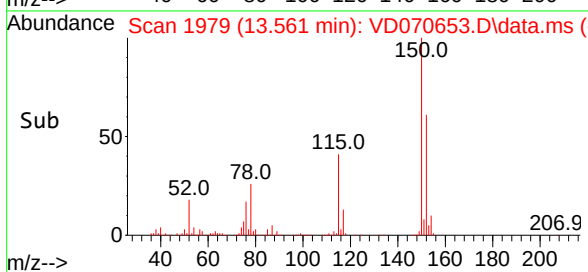
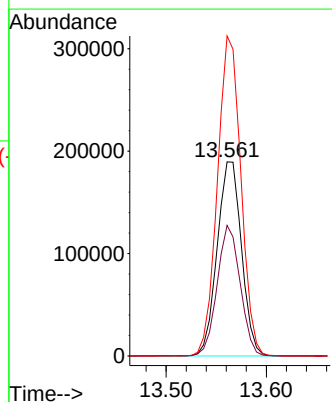
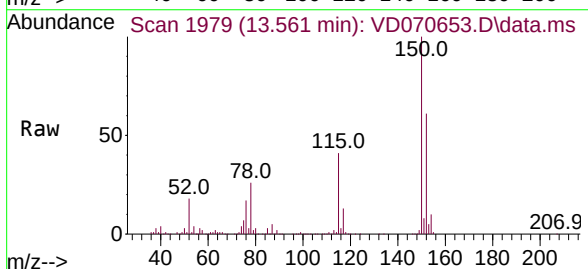
Instrument :
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ClientSampleId :
VD1011SBL01

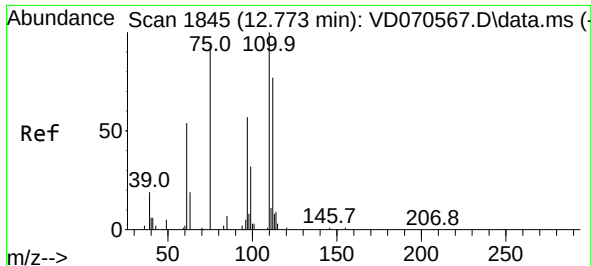
Tgt Ion:117 Resp: 764724
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 31.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion:152 Resp: 319696
Ion Ratio Lower Upper
152 100
115 63.5 31.9 95.7
150 159.2 0.0 350.0

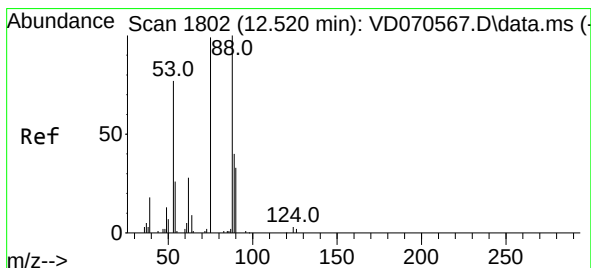
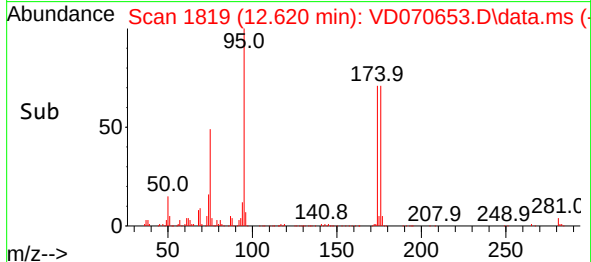
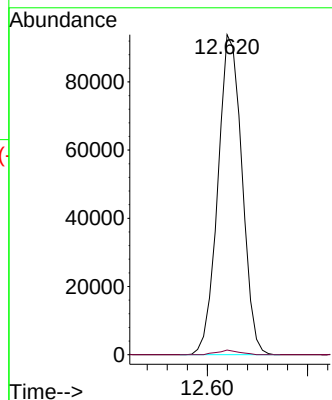
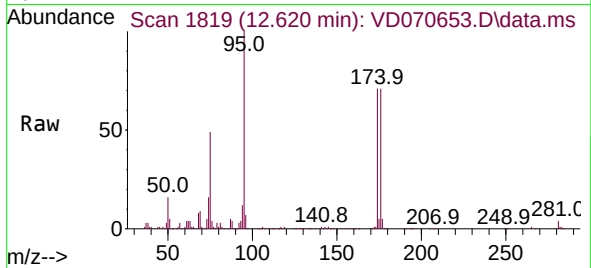




#76
1,2,3-Trichloropropane
Concen: 54.111 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

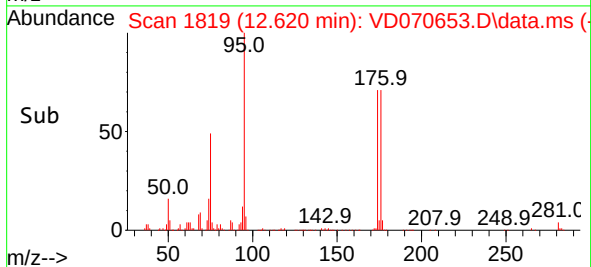
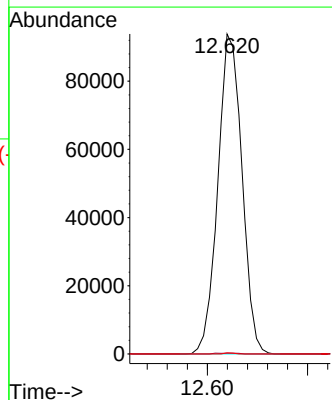
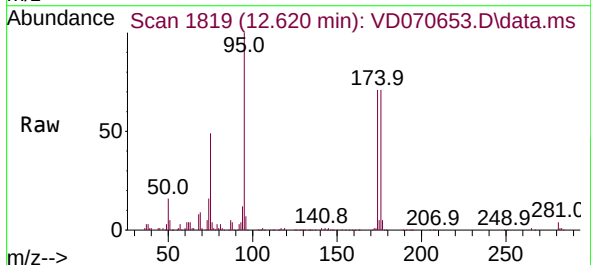
Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

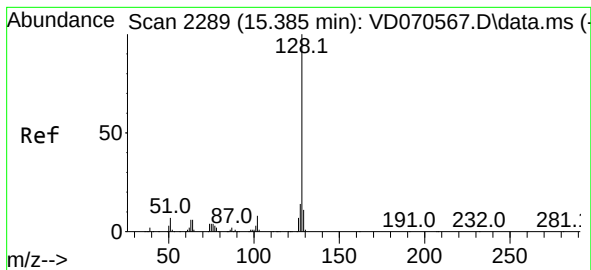
Tgt Ion: 75 Resp: 156577
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.137 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Tgt Ion: 75 Resp: 156577
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.1 35.3 52.9#





#95
Naphthalene
Concen: 2.912 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.007 min
Lab File: VD070653.D
Acq: 11 Oct 2021 11:55

Instrument :
MSVOA_D
ClientSampleId :
VD1011SBL01

Tgt Ion:128 Resp: 4509
Ion Ratio Lower Upper
128 100
127 15.4 10.9 16.3
129 4.6 8.6 12.8#

