

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060721\
 Data File : VD069380.D
 Acq On : 07 Jun 2021 20:59
 Operator : VA/SY
 Sample : M2625-08
 Misc : 7.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B12(166-170)

Quant Time: Jun 08 04:24:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

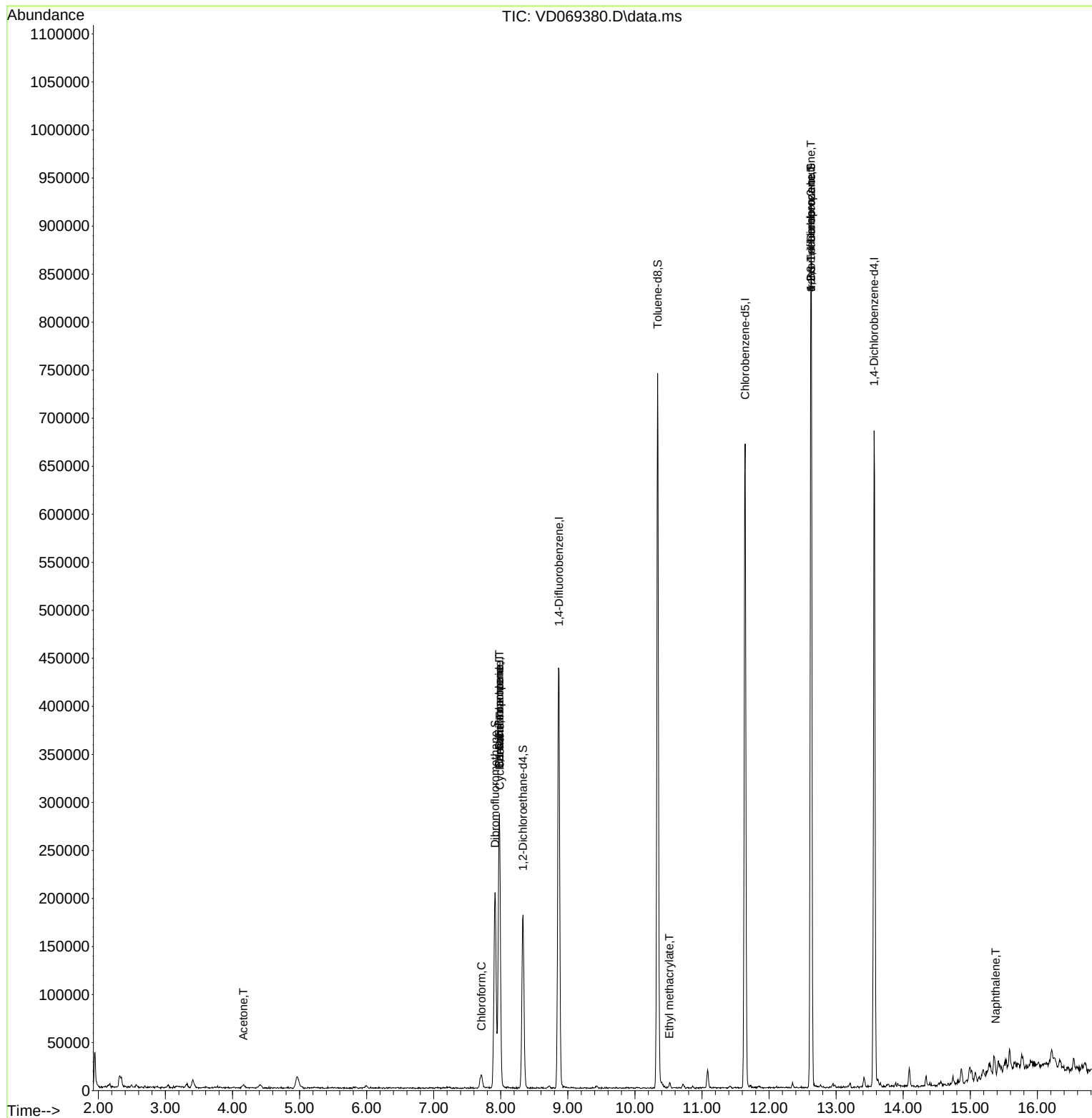
Internal Standards						
1) Pentafluorobenzene	7.979	168	220316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	393730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	415387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	187574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	142896	67.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.20%			
35) Dibromofluoromethane	7.914	113	148325	59.99	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.98%			
50) Toluene-d8	10.338	98	504803	56.15	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.30%			
62) 4-Bromofluorobenzene	12.626	95	174651	59.28	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.56%			
Target Compounds						
11) Tert butyl alcohol	5.226	59	321	Below Cal	#	73
16) Acetone	4.162	43	5734	15.54	ug/l	90
20) Methylene Chloride	4.973	84	10406	Below Cal	#	80
30) Chloroform	7.714	83	11954	2.55	ug/l	99
31) Cyclohexane	7.985	56	4668	1.39	ug/l	# 5
36) 1,1-Dichloropropene	7.979	75	16993	4.44	ug/l	# 49
38) Carbon Tetrachloride	7.979	117	21913	5.30	ug/l	# 16
56) Ethyl methacrylate	10.514	69	148	2.70	ug/l	# 1
76) 1,2,3-Trichloropropane	12.626	75	91464	56.12	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	91464	124.37	ug/l	# 19
95) Naphthalene	15.379	128	407	3.36	ug/l	# 69

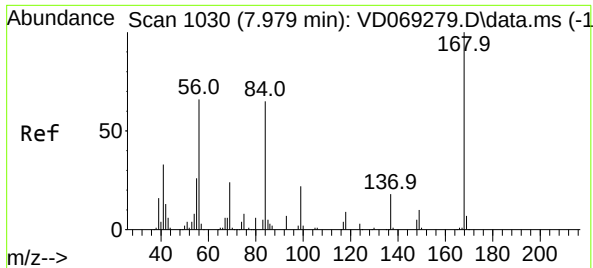
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
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Response via : Initial Calibration

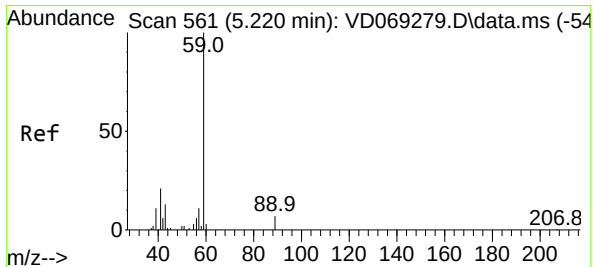
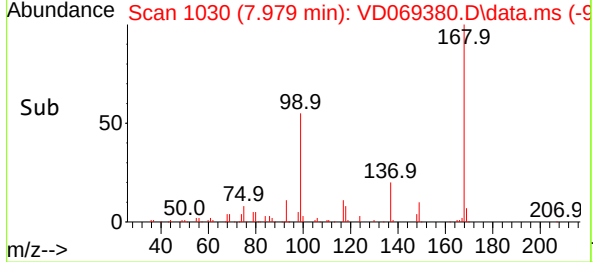
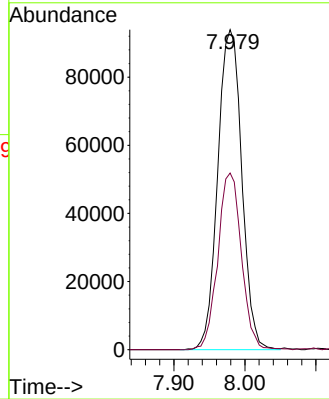
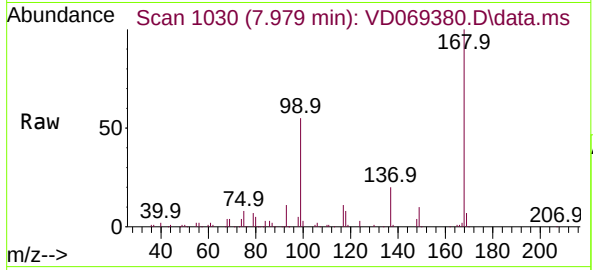




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

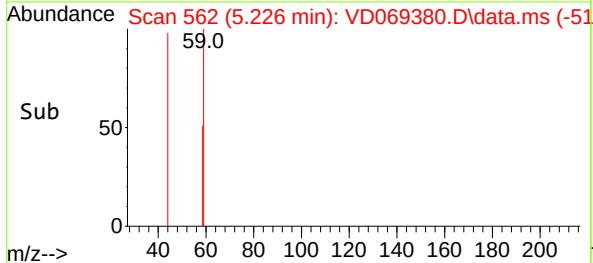
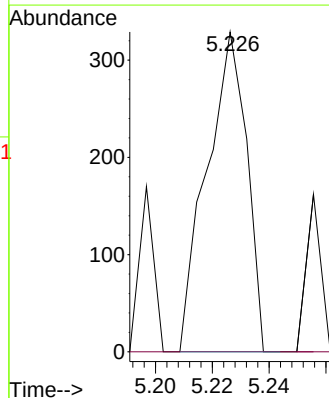
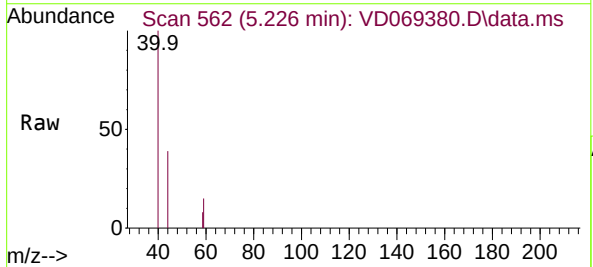
Instrument :
MSVOA_D
ClientSampleId :
18-B12(166-170)

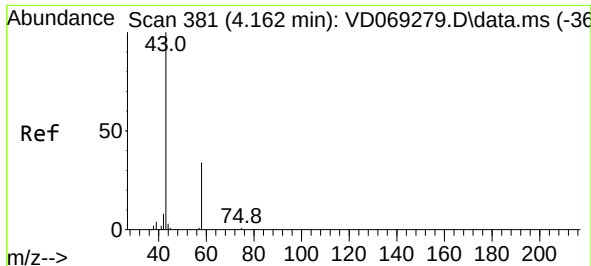
Tgt Ion:168 Resp: 220316
Ion Ratio Lower Upper
168 100
99 55.2 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

Tgt Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

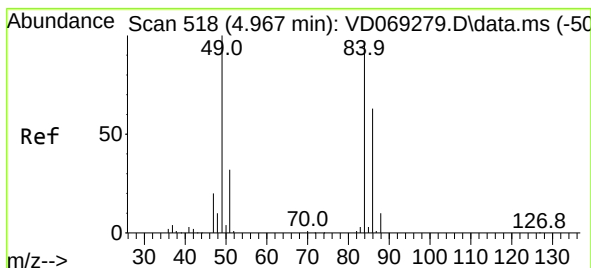
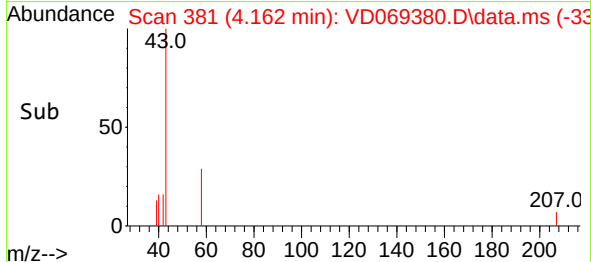
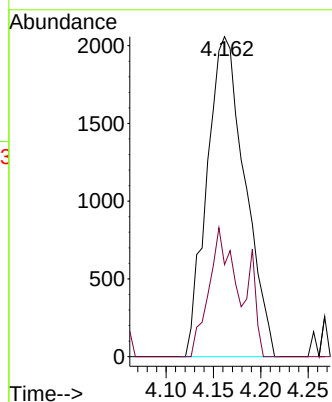
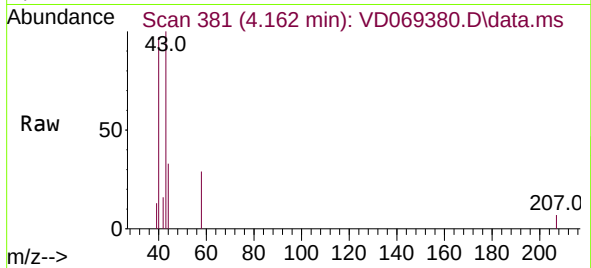




#16
Acetone
Concen: 15.54 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

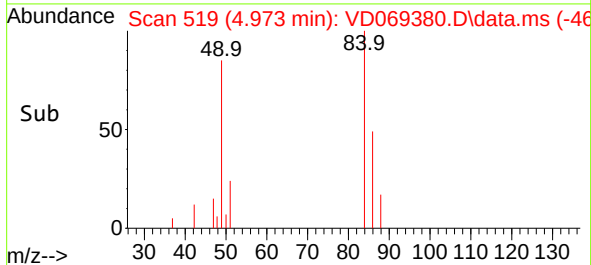
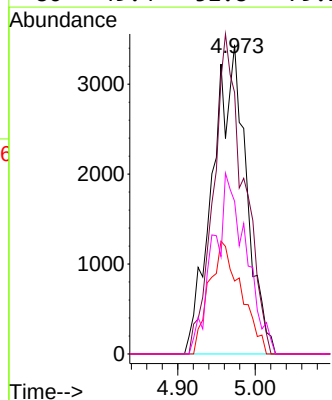
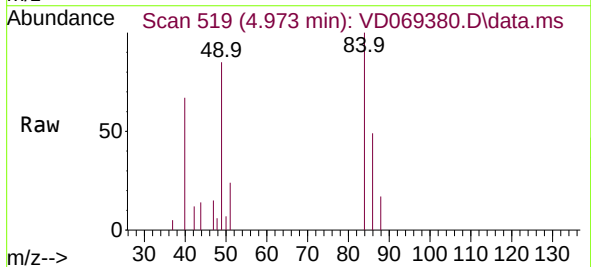
Instrument :
MSVOA_D
ClientSampleId :
18-B12(166-170)

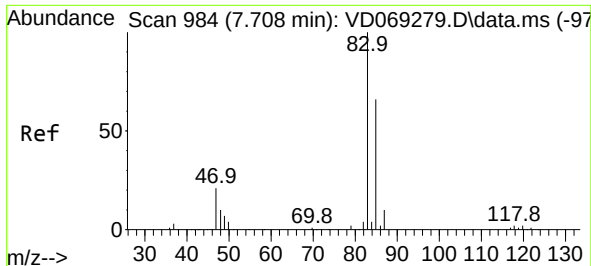
Tgt Ion: 43 Resp: 5734
Ion Ratio Lower Upper
43 100
58 28.8 27.5 41.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

Tgt Ion: 84 Resp: 10406
Ion Ratio Lower Upper
84 100
49 84.6 83.7 125.5
51 23.6 26.4 39.6#
86 49.4 52.8 79.2#

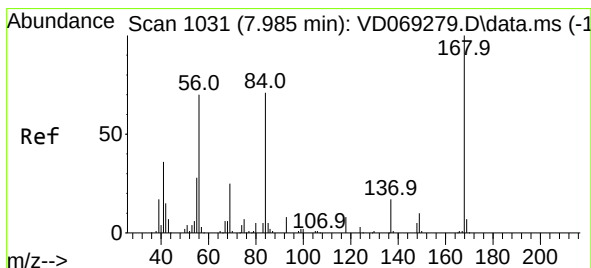
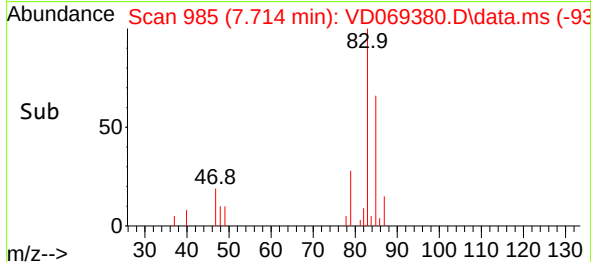
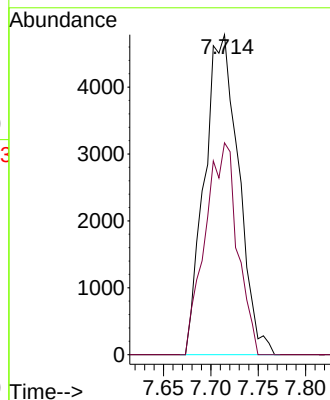
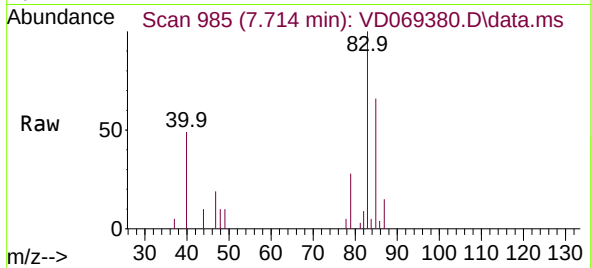




#30
Chloroform
Concen: 2.55 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.006 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

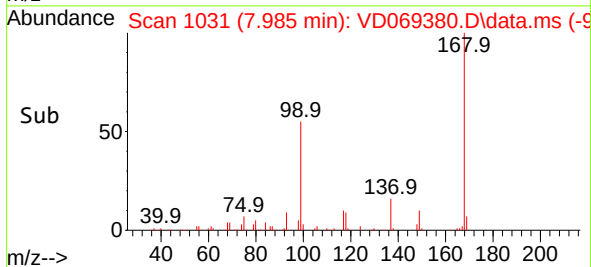
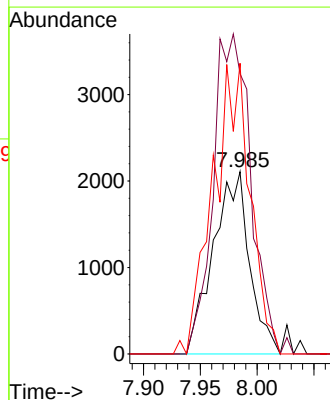
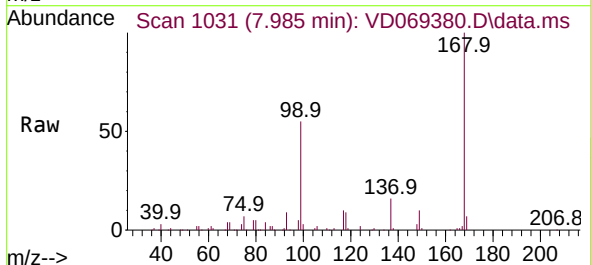
Instrument :
MSVOA_D
ClientSampleId :
18-B12(166-170)

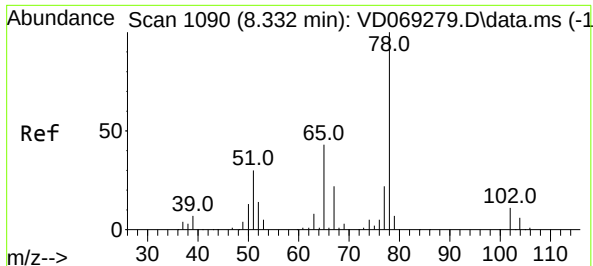
Tgt Ion: 83 Resp: 11954
Ion Ratio Lower Upper
83 100
85 66.2 52.6 78.8



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

Tgt Ion: 56 Resp: 4668
Ion Ratio Lower Upper
56 100
69 153.9 29.0 43.4#
84 159.6 81.1 121.7#





#33

1,2-Dichloroethane-d4

Concen: 67.60 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD069380.D

Acq: 07 Jun 2021 20:59

Tgt Ion: 65 Resp: 142896

Ion Ratio Lower Upper

65 100

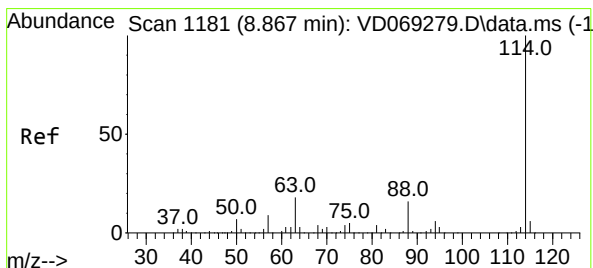
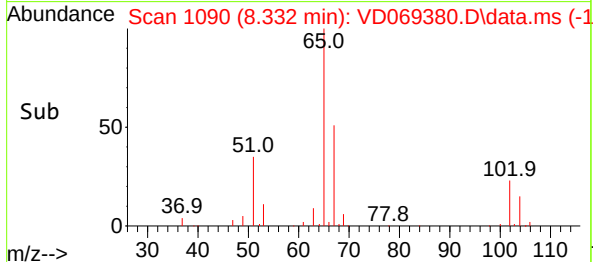
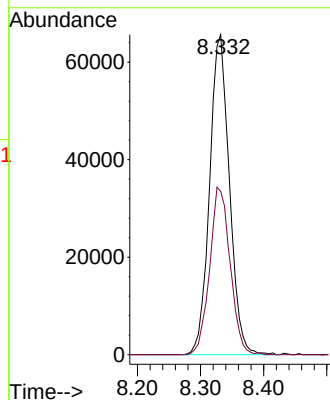
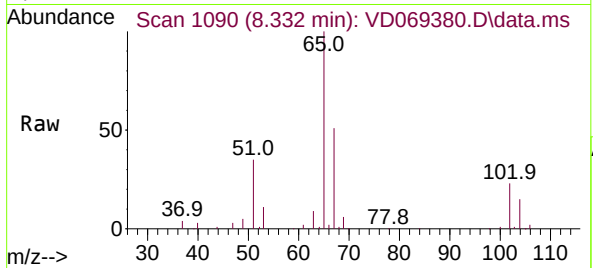
67 54.0 0.0 105.8

Instrument :

MSVOA_D

ClientSampleId :

18-B12(166-170)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069380.D

Acq: 07 Jun 2021 20:59

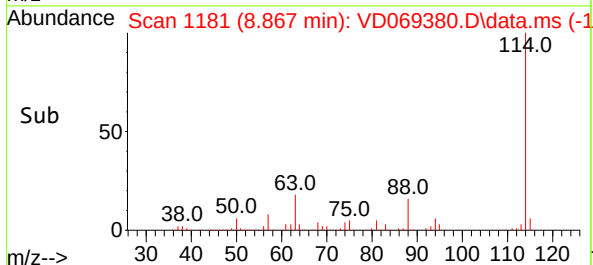
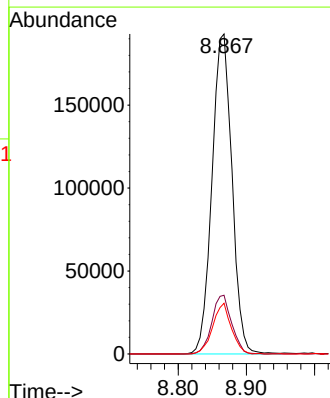
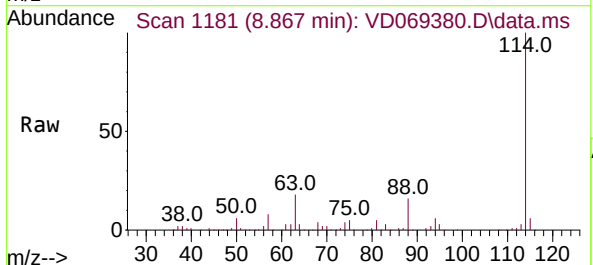
Tgt Ion:114 Resp: 393730

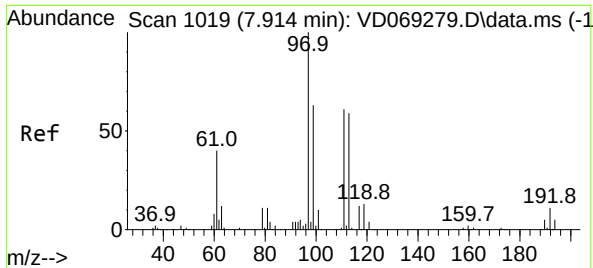
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

88 15.8 0.0 31.2

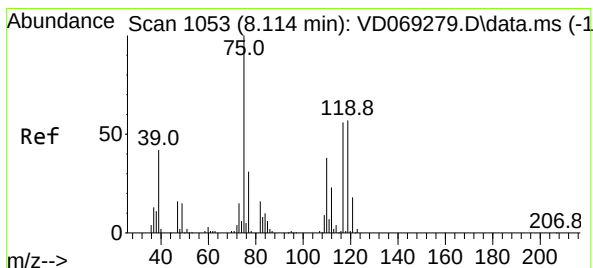
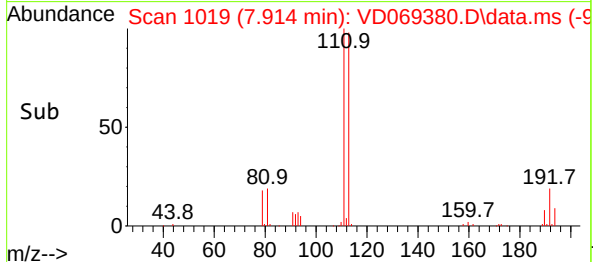
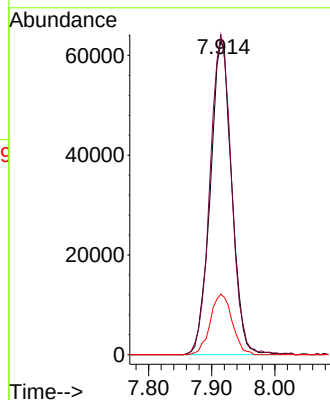
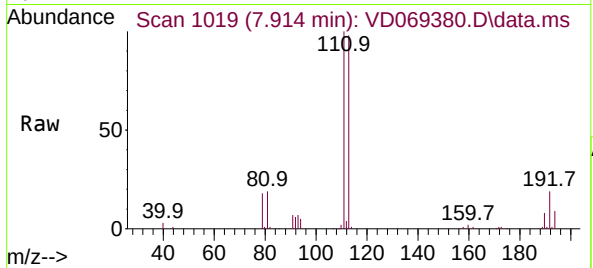




#35
Dibromofluoromethane
Concen: 59.99 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

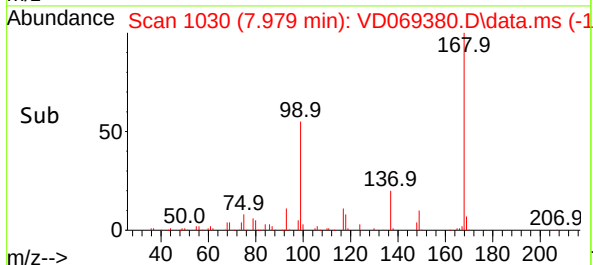
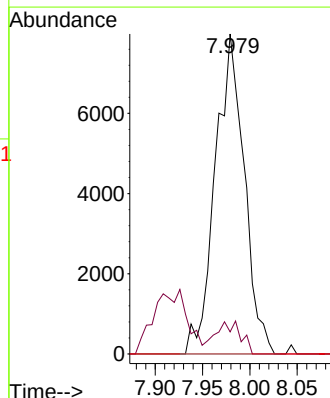
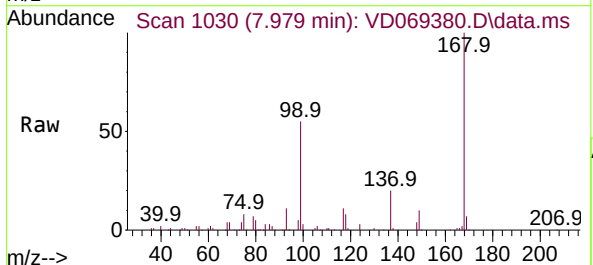
Instrument :
MSVOA_D
ClientSampleId :
18-B12(166-170)

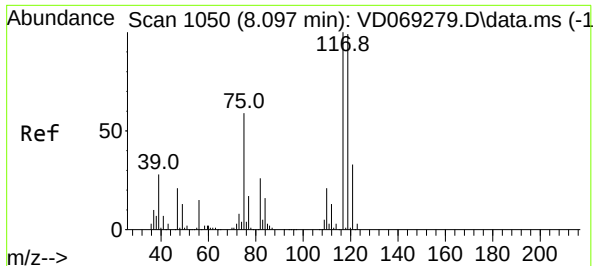
Tgt Ion:113 Resp: 148325
Ion Ratio Lower Upper
113 100
111 102.5 83.0 124.6
192 19.7 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

Tgt Ion: 75 Resp: 16993
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.2#
77 0.0 24.9 37.3#

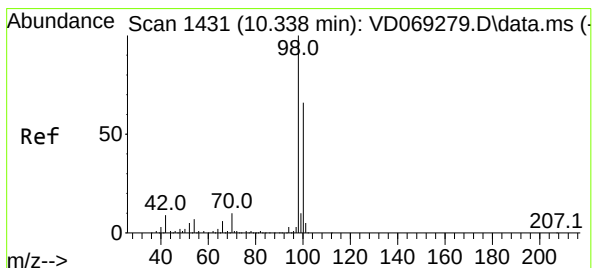
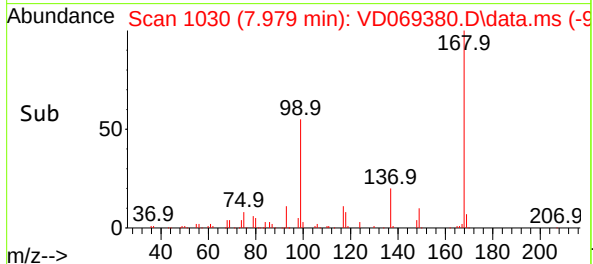
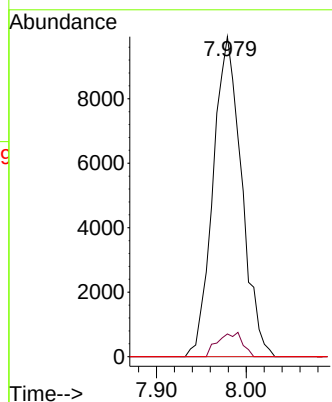
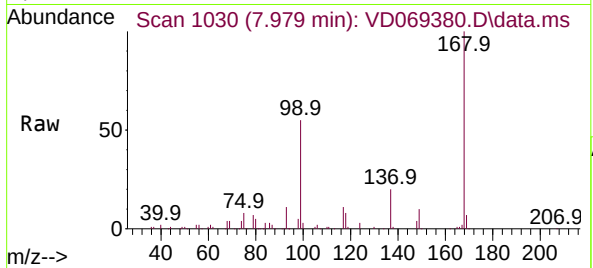




#38
Carbon Tetrachloride
Concen: 5.30 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

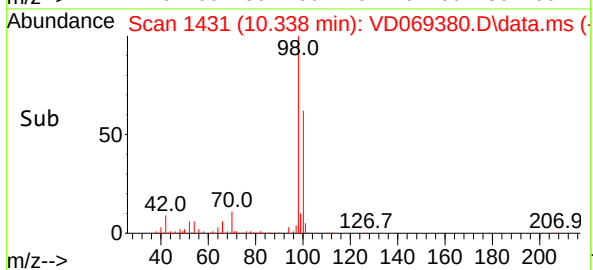
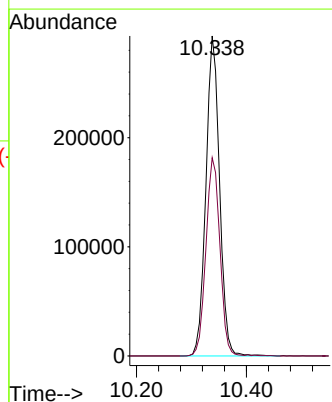
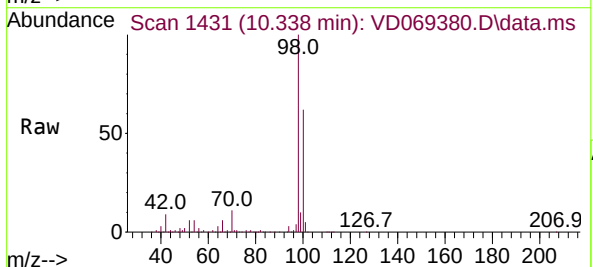
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18-B12(166-170)

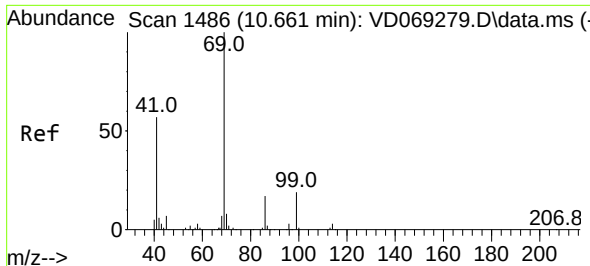
Tgt Ion:117 Resp: 21913
Ion Ratio Lower Upper
117 100
119 7.1 79.4 119.2#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 56.15 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

Tgt Ion: 98 Resp: 504803
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1

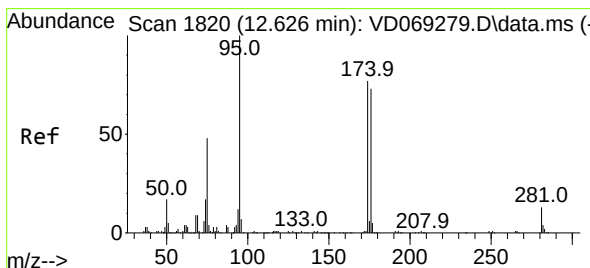
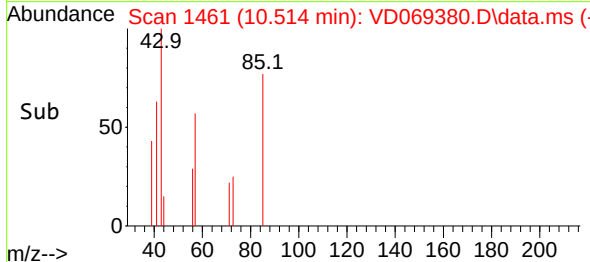
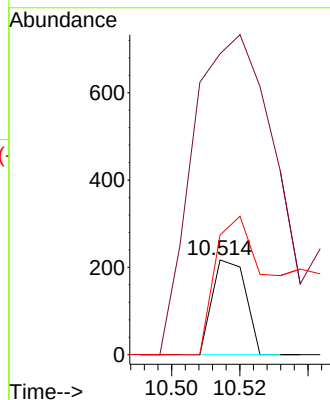
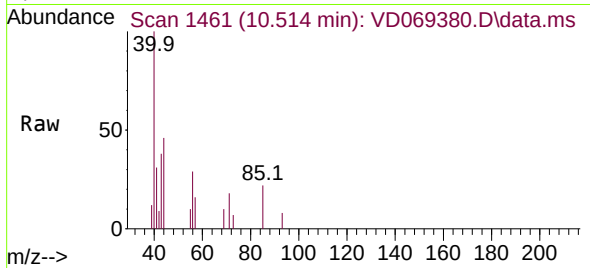




#56
Ethyl methacrylate
Concen: 2.70 ug/l
RT: 10.514 min Scan# 1461
Delta R.T. -0.147 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

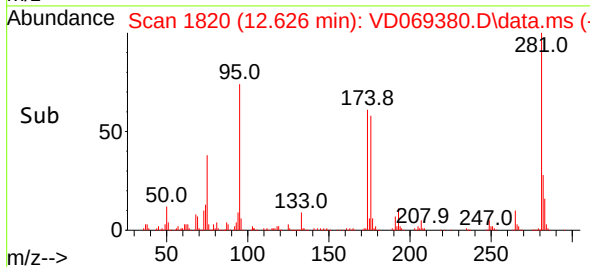
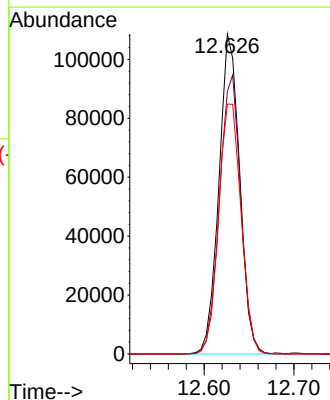
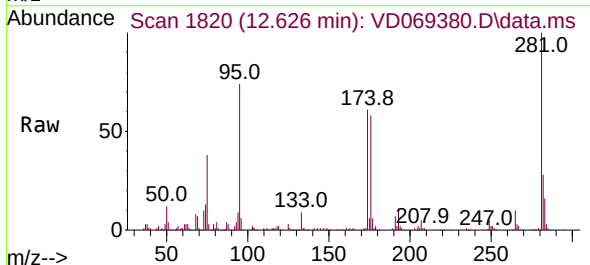
Instrument :
MSVOA_D
ClientSampleId :
18-B12(166-170)

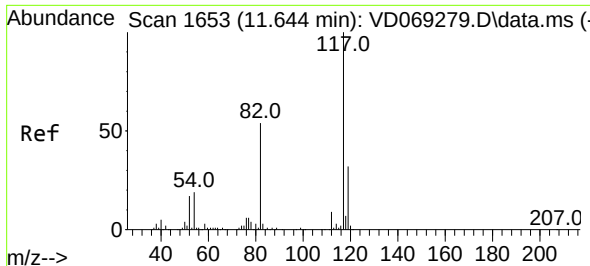
Tgt Ion: 69	Resp: 148
Ion Ratio	Lower Upper
69 100	
41 890.5	45.4 68.2#
39 227.7	21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 59.28 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

Tgt Ion: 95	Resp: 174651
Ion Ratio	Lower Upper
95 100	
174 88.8	0.0 162.8
176 84.6	0.0 154.4

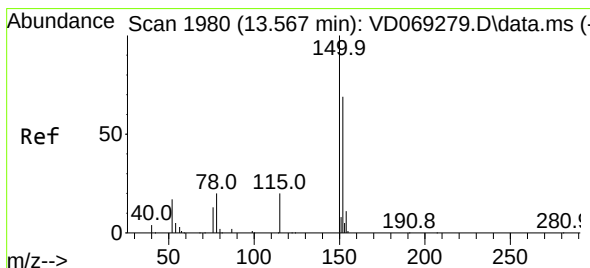
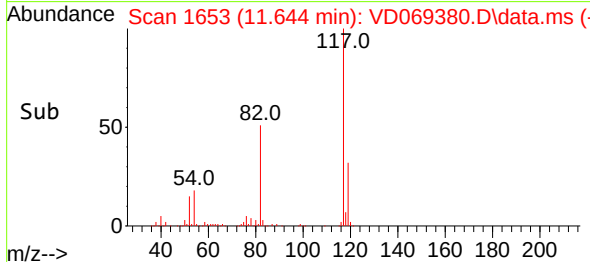
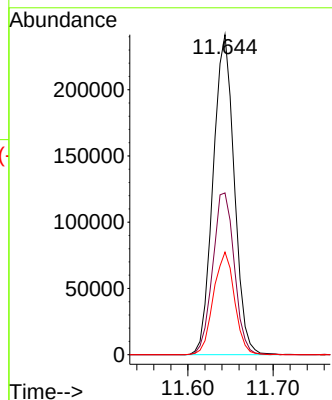
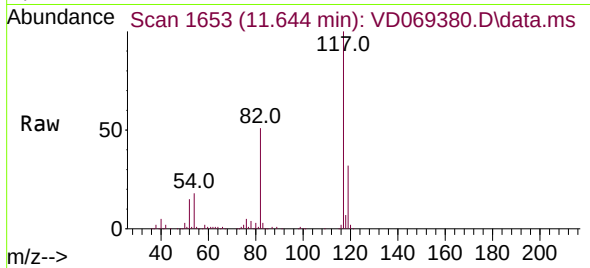




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

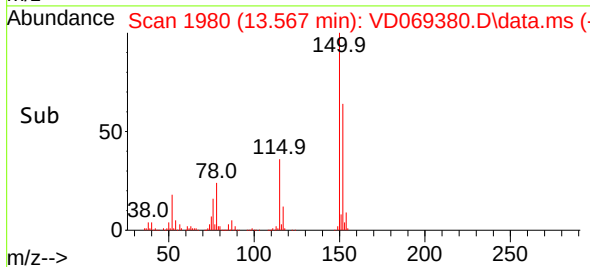
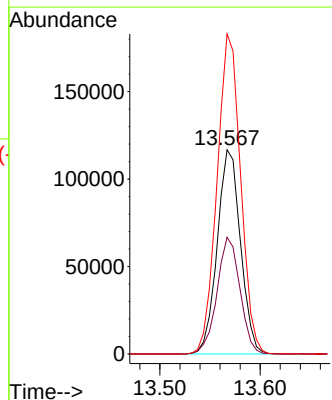
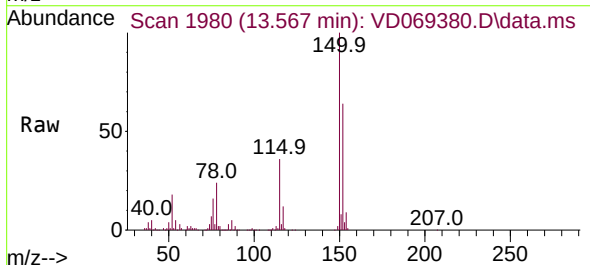
Instrument :
MSVOA_D
ClientSampleId :
18-B12(166-170)

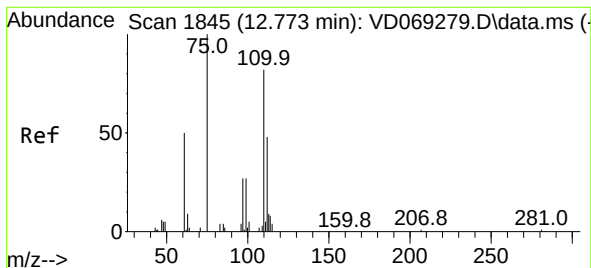
Tgt Ion:	117	Resp:	415387
Ion	Ratio	Lower	Upper
117	100		
82	50.6	43.3	64.9
119	32.1	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

Tgt Ion:	152	Resp:	187574
Ion	Ratio	Lower	Upper
152	100		
115	56.6	29.4	88.3
150	158.8	0.0	355.0





#76

1,2,3-Trichloropropane

Concen: 56.12 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.147 min

Lab File: VD069380.D

Acq: 07 Jun 2021 20:59

Tgt Ion: 75 Resp: 91464

Ion Ratio Lower Upper

75 100

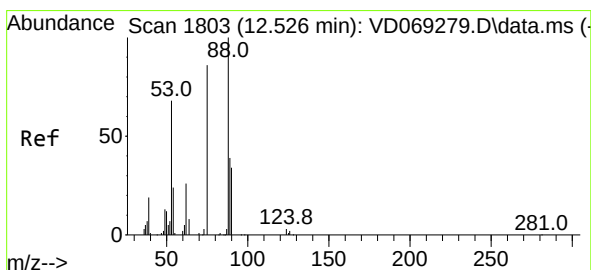
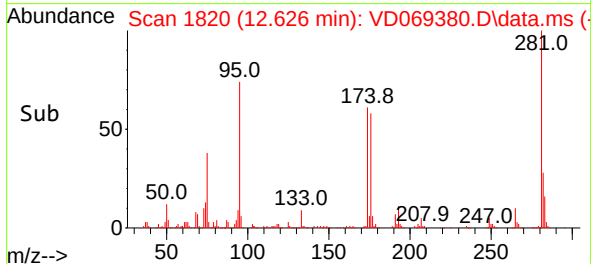
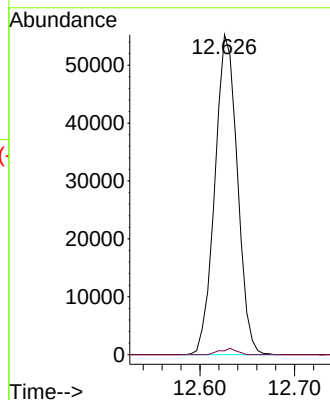
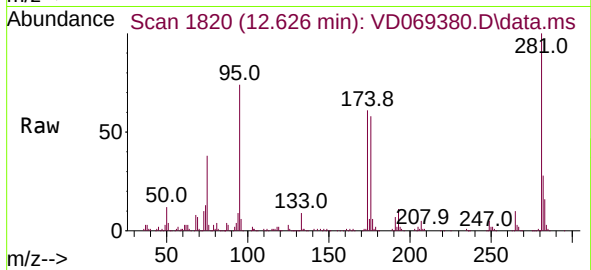
77 1.5 183.8 551.2#

Instrument :

MSVOA_D

ClientSampleId :

18-B12(166-170)



#81

trans-1,4-Dichloro-2-butene

Concen: 124.37 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.100 min

Lab File: VD069380.D

Acq: 07 Jun 2021 20:59

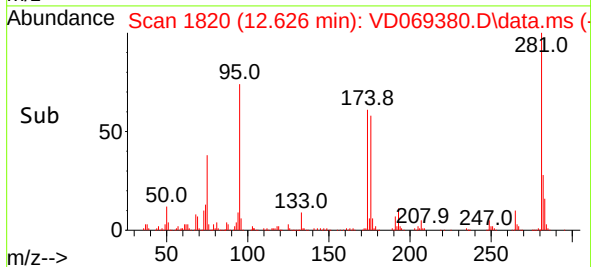
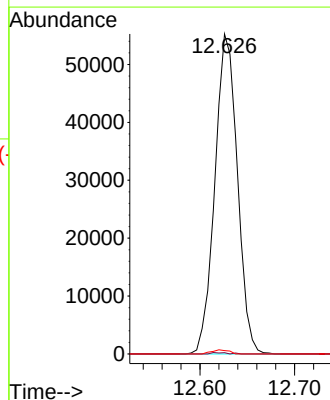
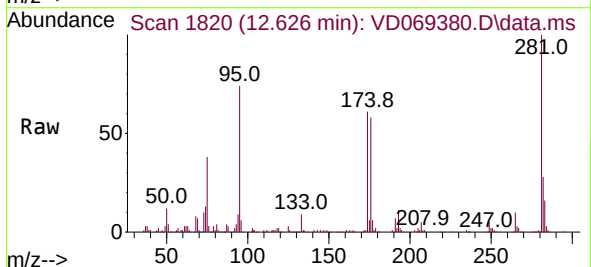
Tgt Ion: 75 Resp: 91464

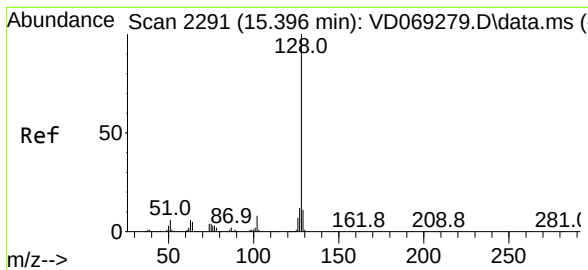
Ion Ratio Lower Upper

75 100

53 0.3 62.6 94.0#

89 1.0 35.6 53.4#





#95
Naphthalene
Concen: 3.36 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.017 min
Lab File: VD069380.D
Acq: 07 Jun 2021 20:59

Instrument :
MSVOA_D
ClientSampleId :
18-B12(166-170)

Tgt Ion:128 Resp: 407
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

