

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069206.D
 Acq On : 19 May 2021 19:48
 Operator : VA/SY
 Sample : M2462-01
 Misc : 7.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 20 01:04:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

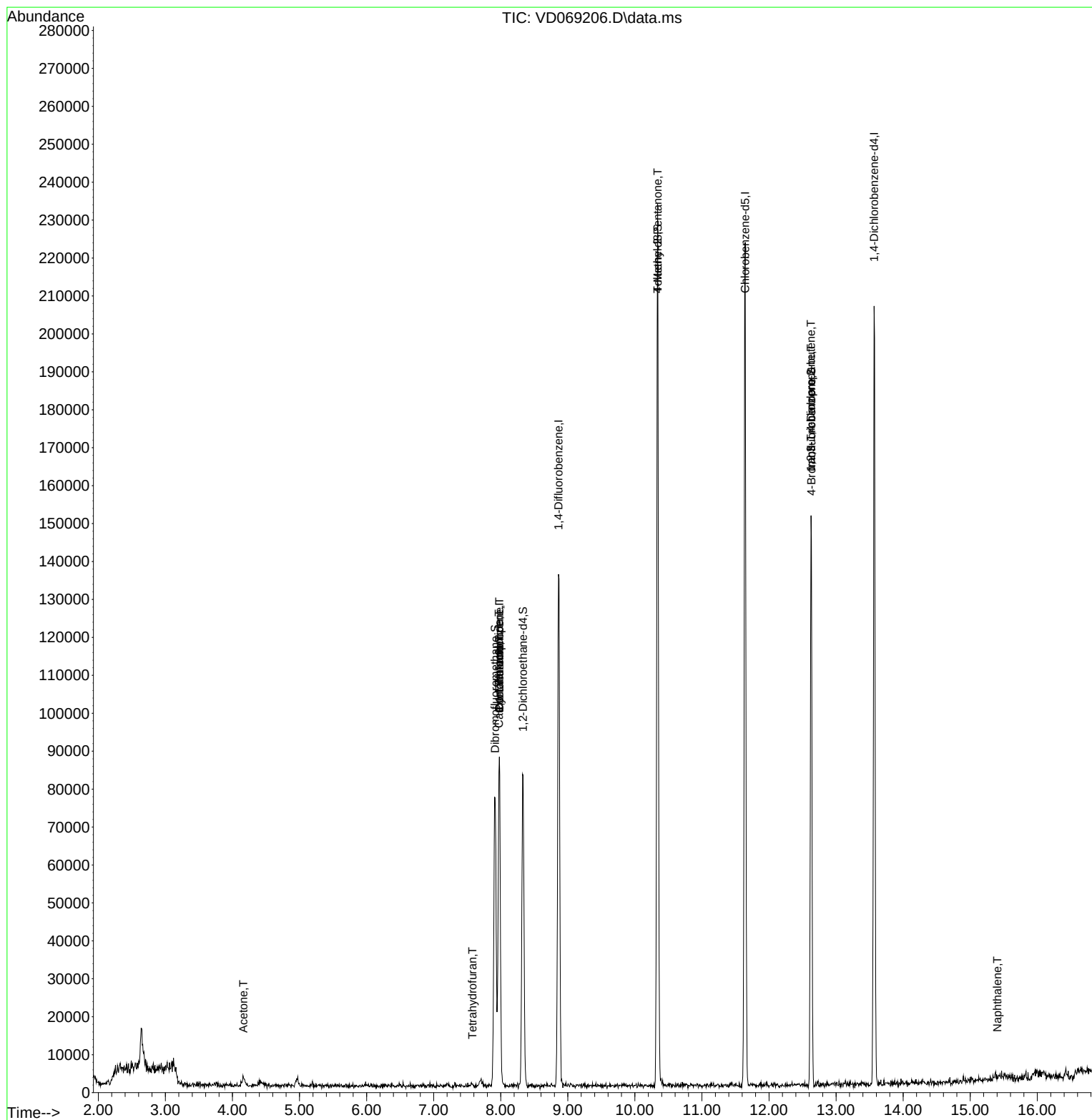
Internal Standards						
1) Pentafluorobenzene	7.979	168	64831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	121496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	128384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	55689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	64973	99.97	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	199.94%#
35) Dibromofluoromethane	7.914	113	57630	72.89	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.78%
50) Toluene-d8	10.338	98	158239	54.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.94%
62) 4-Bromofluorobenzene	12.632	95	49071	52.49	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.98%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	249	Below Cal	#	73
16) Acetone	4.162	43	4428	44.48	ug/l #	75
20) Methylene Chloride	4.962	84	896	Below Cal	#	77
29) Tetrahydrofuran	7.579	42	376	5.13	ug/l #	51
31) Cyclohexane	7.979	56	1407	1.46	ug/l #	47
36) 1,1-Dichloropropene	7.979	75	5569	4.71	ug/l #	48
38) Carbon Tetrachloride	7.973	117	6947	5.26	ug/l #	12
51) 4-Methyl-2-Pentanone	10.338	43	723	2.04	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	25256	60.33	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	25256	121.87	ug/l #	14
95) Naphthalene	15.402	128	76	2.09	ug/l #	69

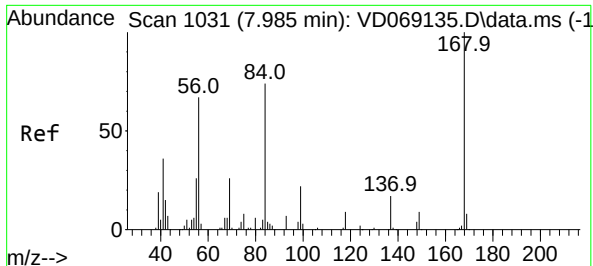
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: May 20 01:04:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

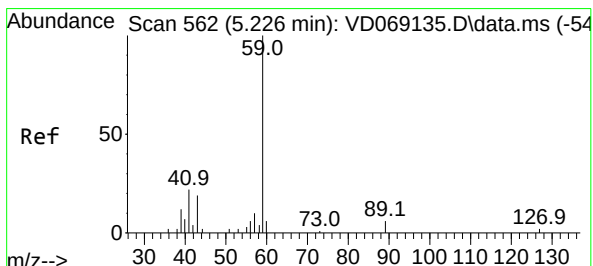
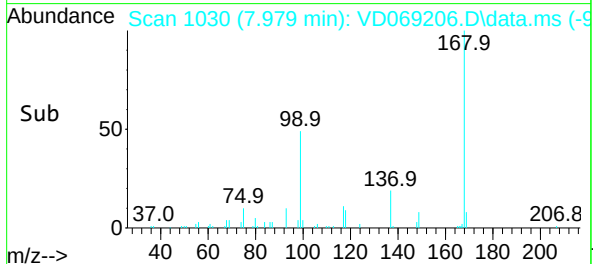
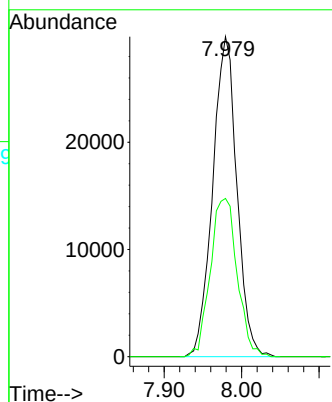
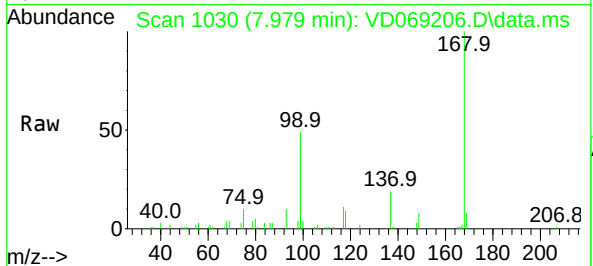




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

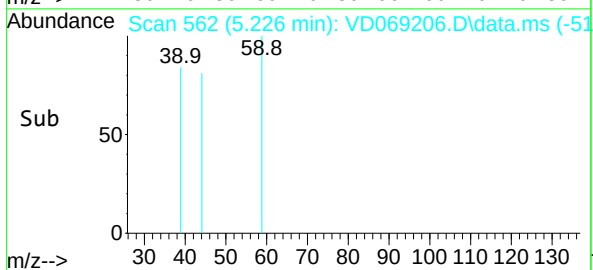
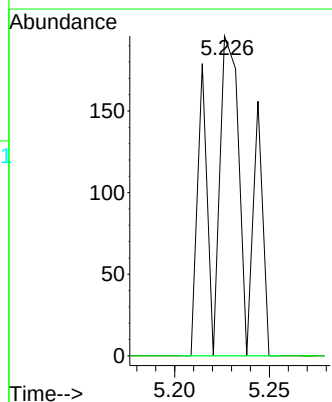
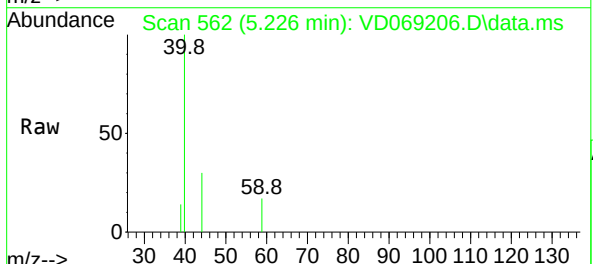
Instrument :
MSVOA_D
ClientSampled :

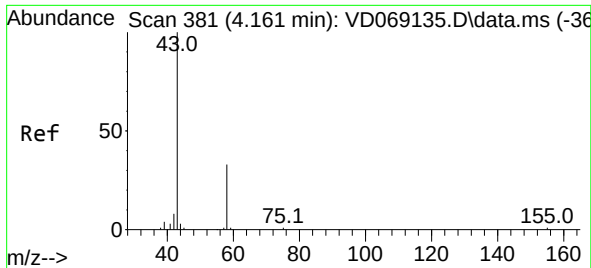
Tgt Ion:168 Resp: 64831
Ion Ratio Lower Upper
168 100
99 49.5 47.2 70.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

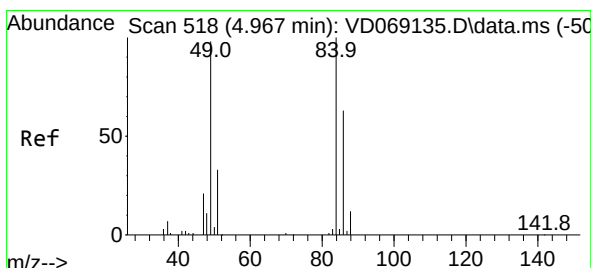
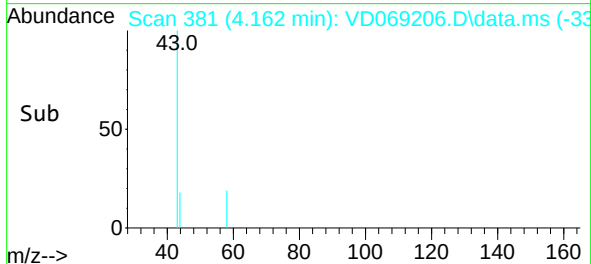
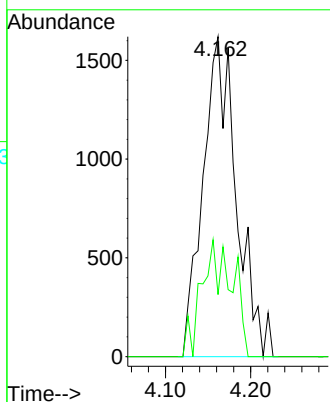
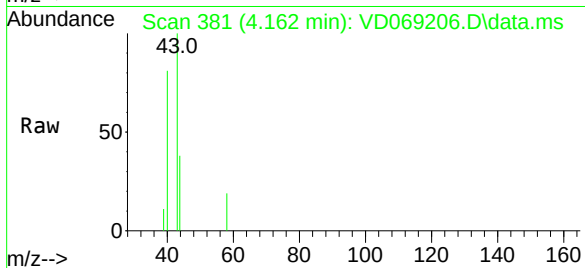




#16
Acetone
Concen: 44.48 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

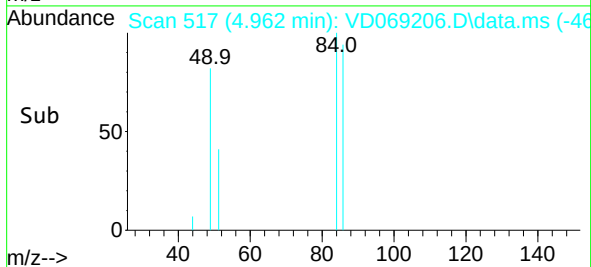
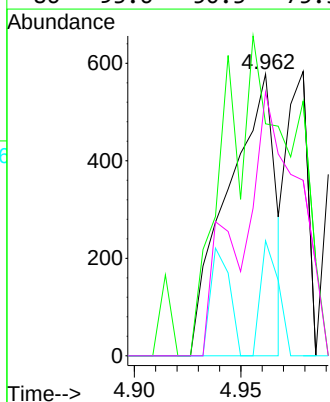
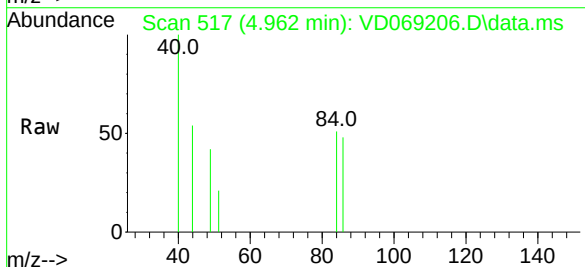
Instrument :
MSVOA_D
ClientSampled :

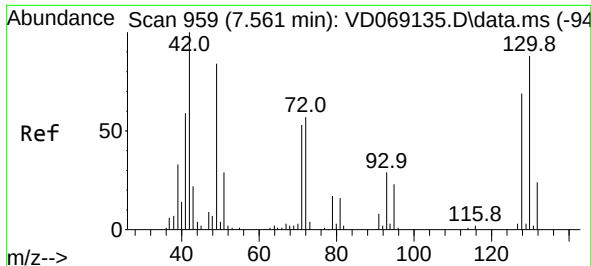
Tgt Ion: 43 Resp: 4428
Ion Ratio Lower Upper
43 100
58 19.4 26.7 40.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

Tgt Ion: 84 Resp: 896
Ion Ratio Lower Upper
84 100
49 82.4 78.6 117.8
51 40.8 26.7 40.1#
86 93.6 50.3 75.5#





#29

Tetrahydrofuran

Concen: 5.13 ug/l

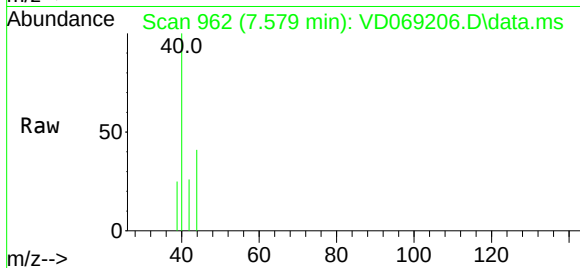
RT: 7.579 min Scan# 962

Delta R.T. 0.018 min

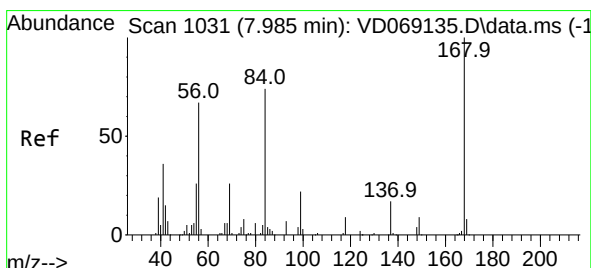
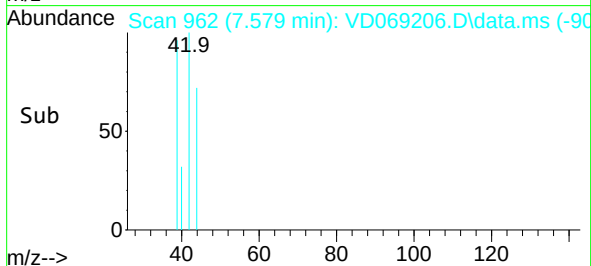
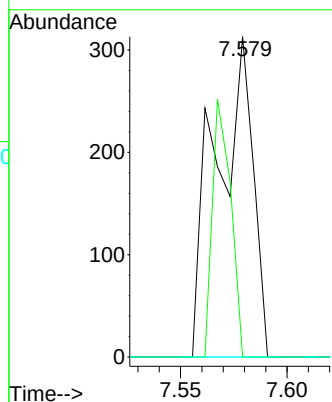
Lab File: VD069206.D

Acq: 19 May 2021 19:48

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion:	42	Resp:	376
Ion	Ratio	Lower	Upper
42	100		
72	39.6	45.9	68.9#
71	0.0	42.9	64.3#



#31

Cyclohexane

Concen: 1.46 ug/l

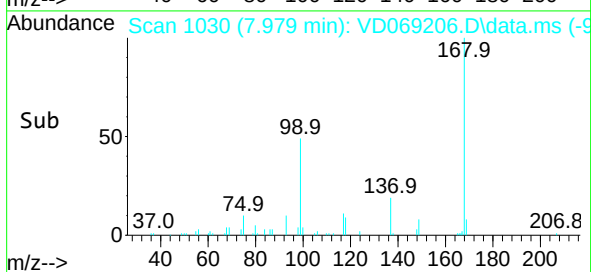
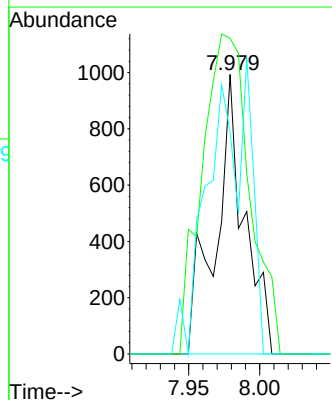
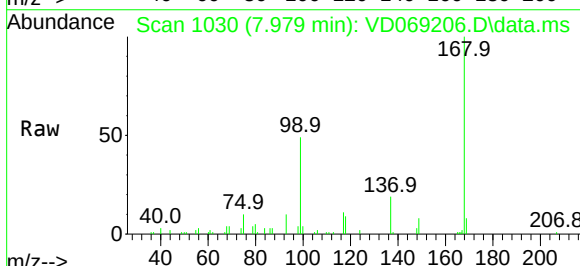
RT: 7.979 min Scan# 1030

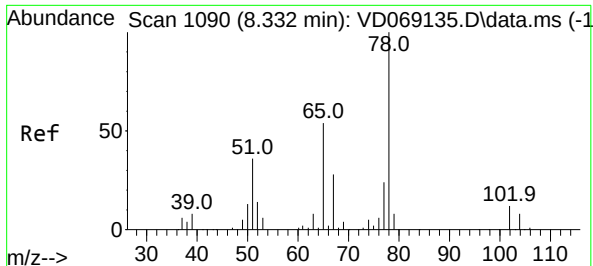
Delta R.T. -0.005 min

Lab File: VD069206.D

Acq: 19 May 2021 19:48

Tgt Ion:	56	Resp:	1407
Ion	Ratio	Lower	Upper
56	100		
69	112.9	30.6	46.0#
84	79.5	88.0	132.0#

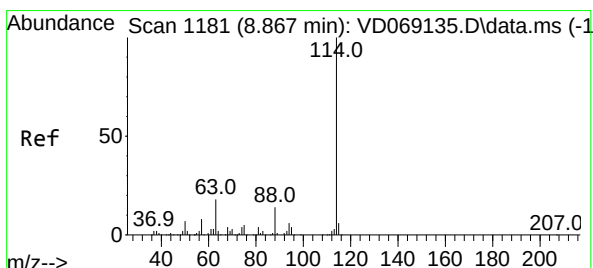
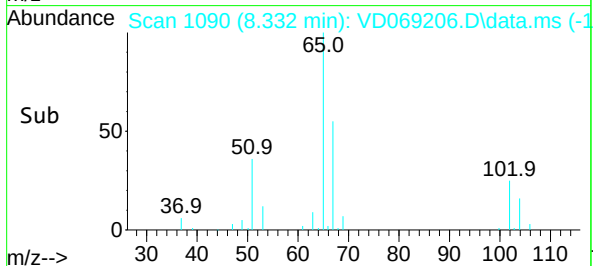
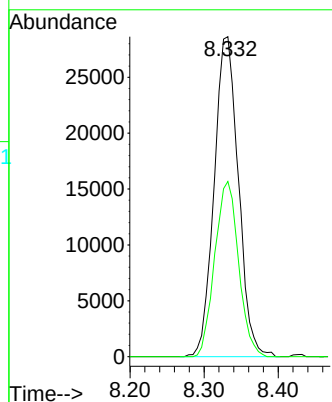
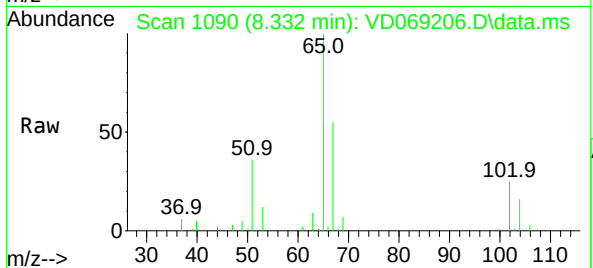




#33
1,2-Dichloroethane-d4
Concen: 99.97 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

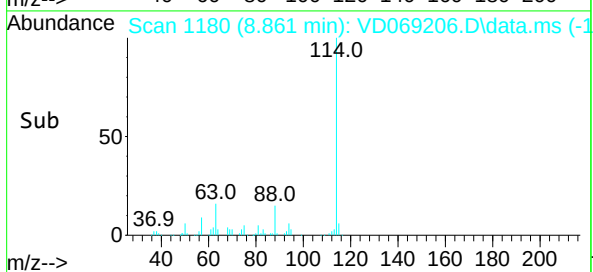
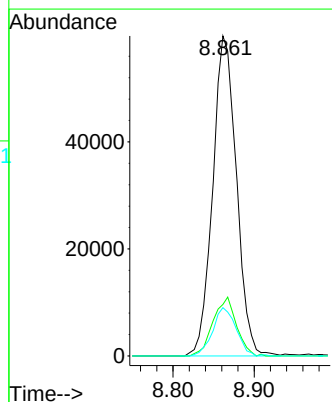
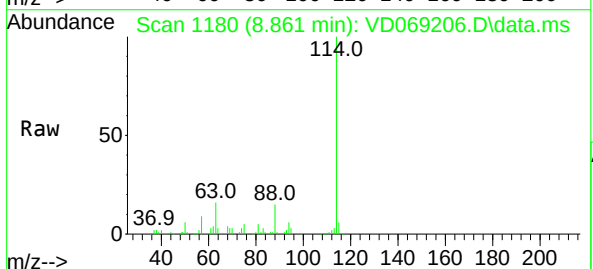
Instrument :
MSVOA_D
ClientSampled :

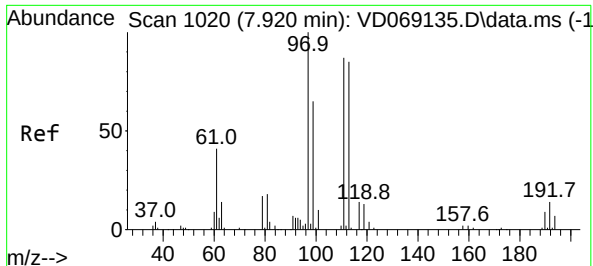
Tgt Ion: 65 Resp: 64973
Ion Ratio Lower Upper
65 100
67 53.8 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

Tgt Ion: 114 Resp: 121496
Ion Ratio Lower Upper
114 100
63 16.1 0.0 36.4
88 15.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 72.89 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD069206.D

Acq: 19 May 2021 19:48

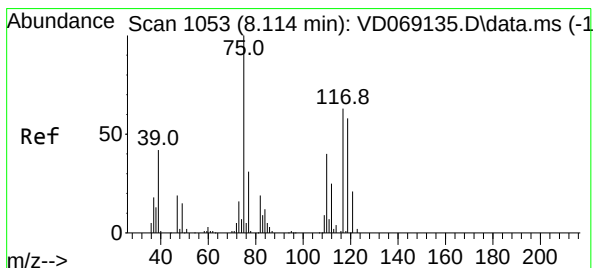
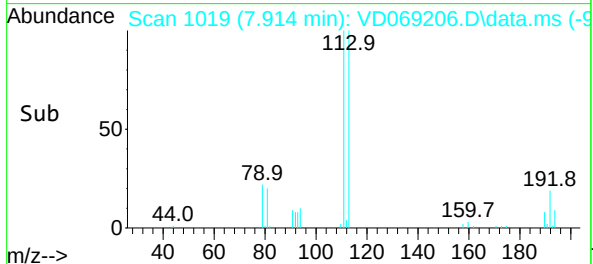
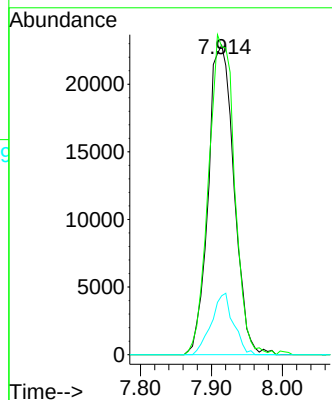
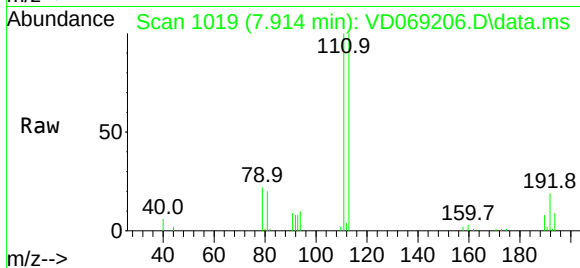
Tgt Ion:113 Resp: 57630

Ion Ratio Lower Upper

113 100

111 103.8 80.6 120.8

192 16.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.71 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD069206.D

Acq: 19 May 2021 19:48

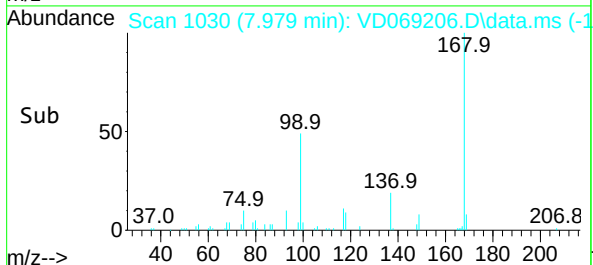
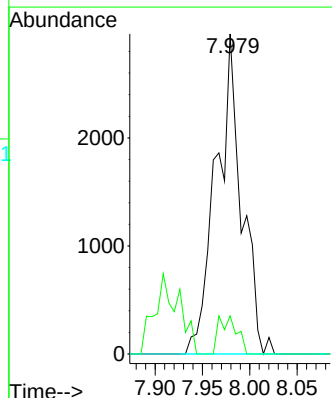
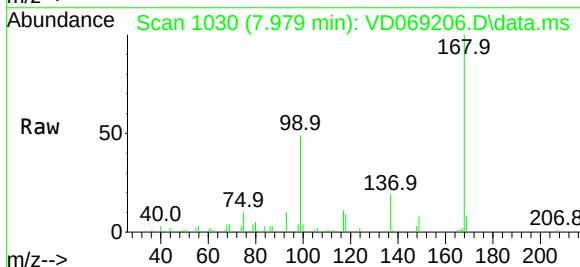
Tgt Ion: 75 Resp: 5569

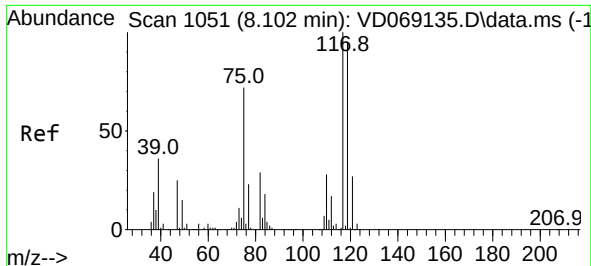
Ion Ratio Lower Upper

75 100

110 8.4 18.8 56.4#

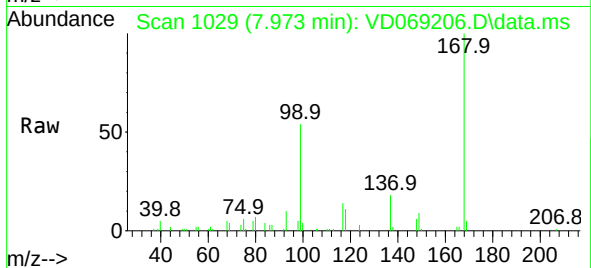
77 0.0 25.2 37.8#



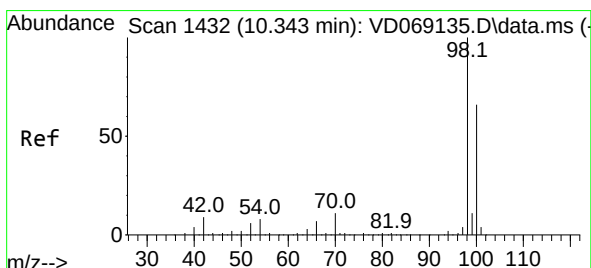
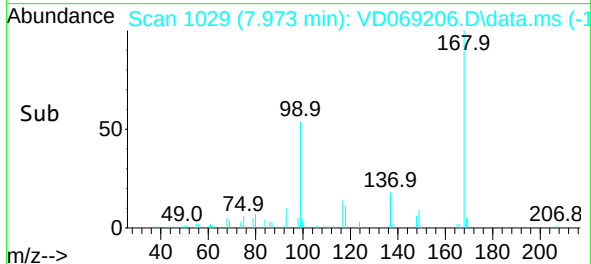
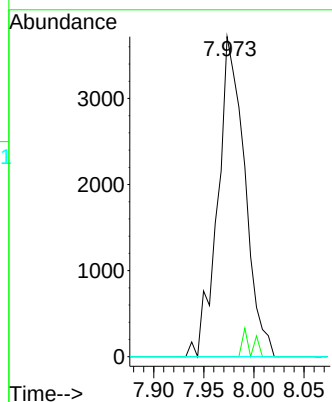


#38
Carbon Tetrachloride
Concen: 5.26 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.129 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

Instrument :
MSVOA_D
ClientSampleId :

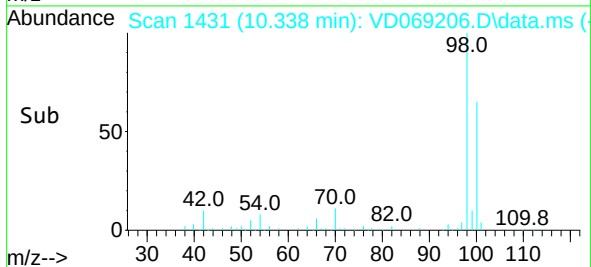
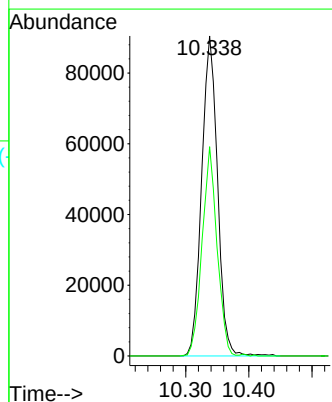
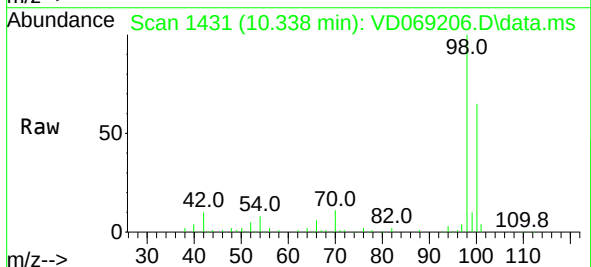


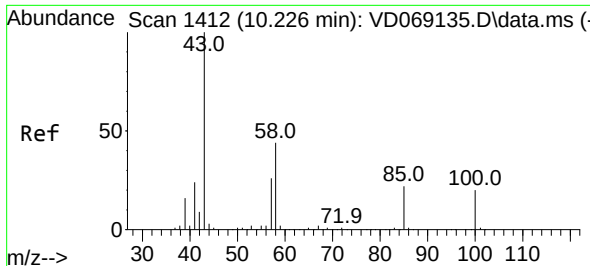
Tgt Ion:117 Resp: 6947
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 21.9 32.9#



#50
Toluene-d8
Concen: 54.47 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

Tgt Ion: 98 Resp: 158239
Ion Ratio Lower Upper
98 100
100 61.6 51.8 77.8

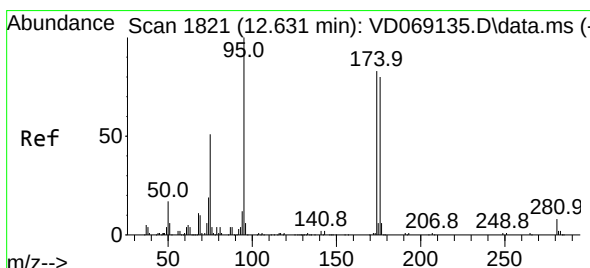
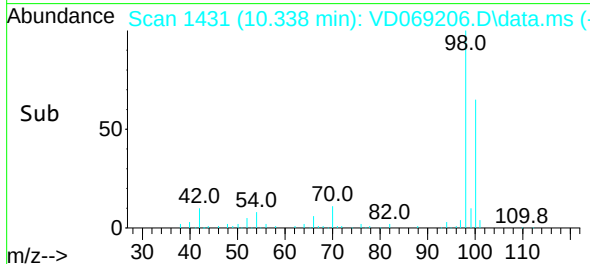
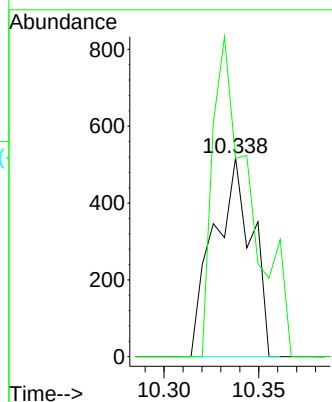
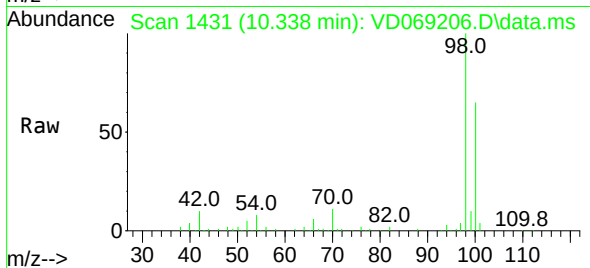




#51
4-Methyl-2-Pentanone
Concen: 2.04 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

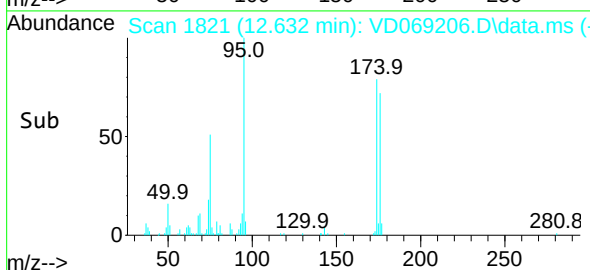
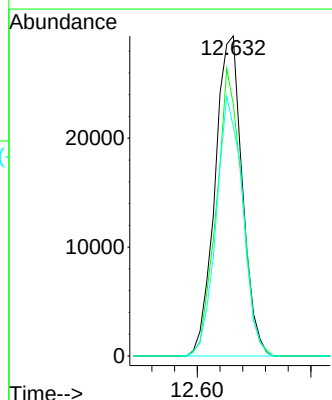
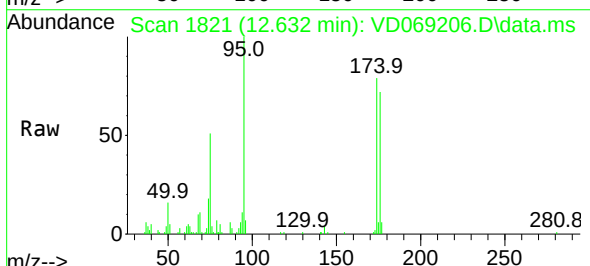
Instrument :
MSVOA_D
ClientSampled :

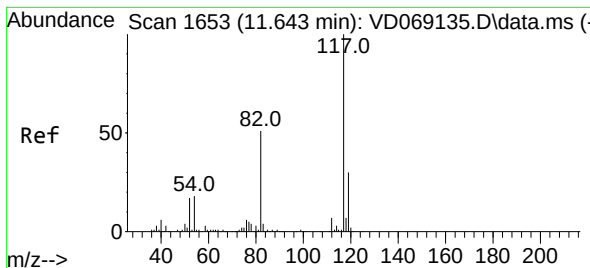
Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
58 157.8 35.0 52.4#



#62
4-Bromofluorobenzene
Concen: 52.49 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

Tgt Ion: 95 Resp: 49071
Ion Ratio Lower Upper
95 100
174 84.6 0.0 171.8
176 78.8 0.0 165.4

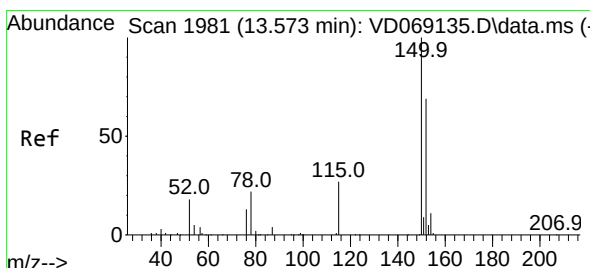
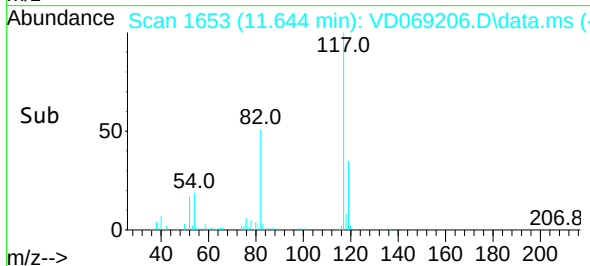
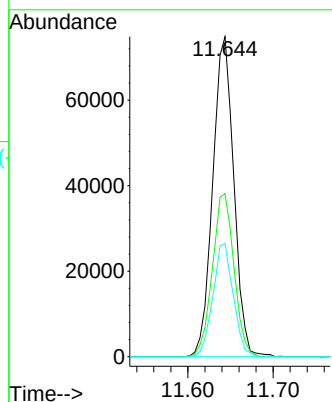
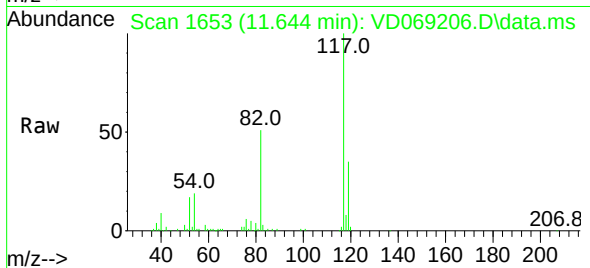




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

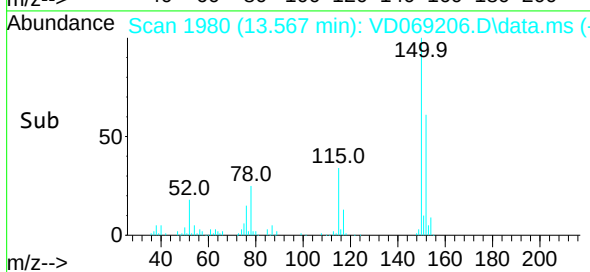
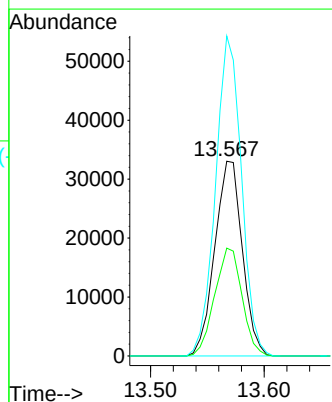
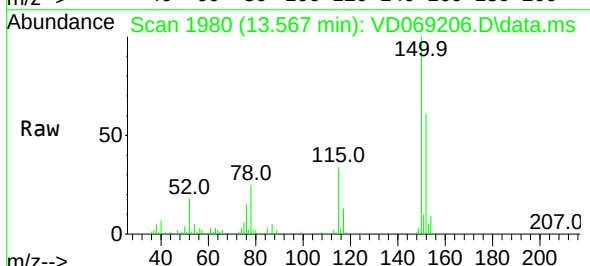
Instrument :
MSVOA_D
ClientSampleId :

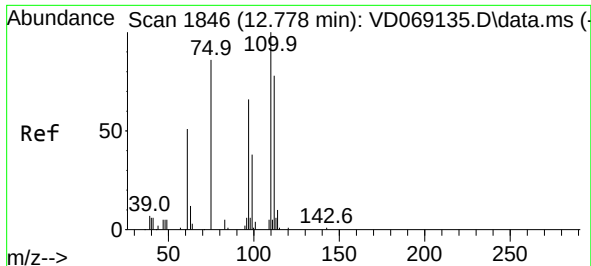
Tgt Ion:117 Resp: 128384
Ion Ratio Lower Upper
117 100
82 51.0 40.5 60.7
119 35.4 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.005 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

Tgt Ion:152 Resp: 55689
Ion Ratio Lower Upper
152 100
115 54.9 29.9 89.8
150 154.9 0.0 350.2

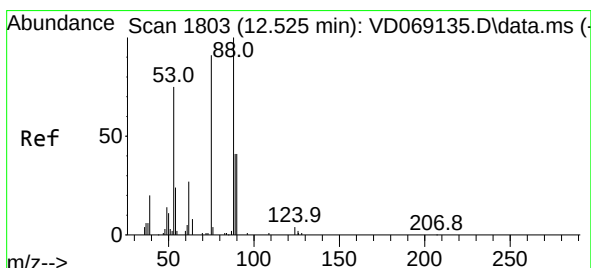
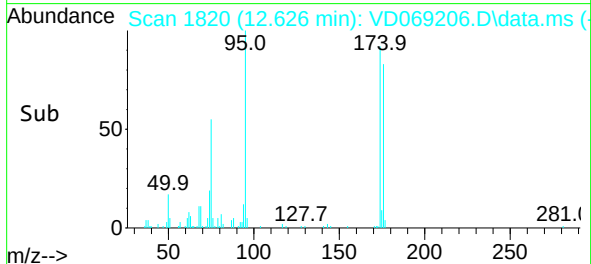
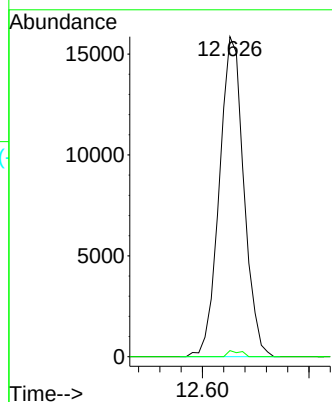
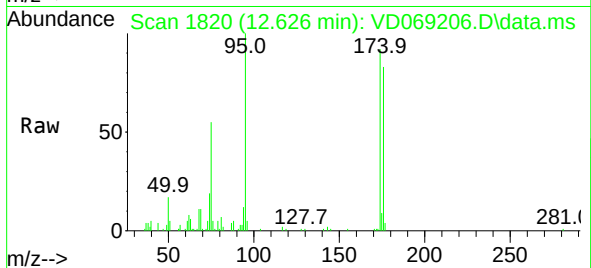




#76
1,2,3-Trichloropropane
Concen: 60.33 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

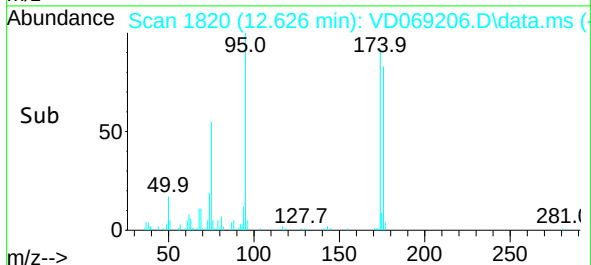
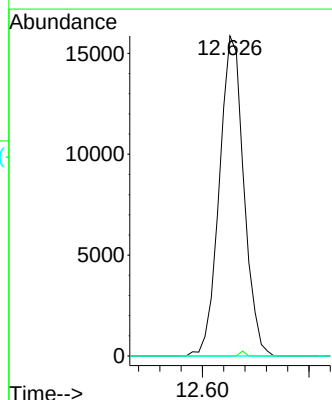
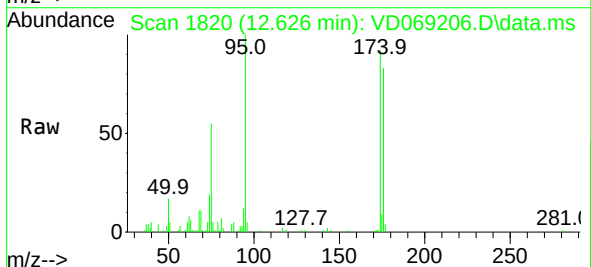
Instrument :
MSVOA_D
ClientSampleId :

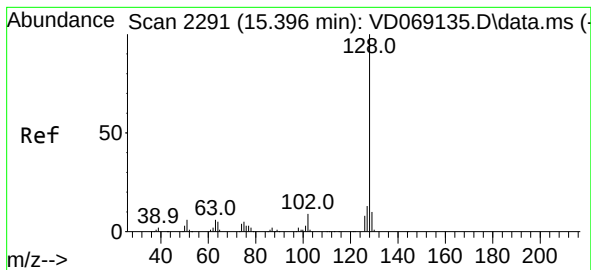
Tgt Ion: 75 Resp: 25256
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.87 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

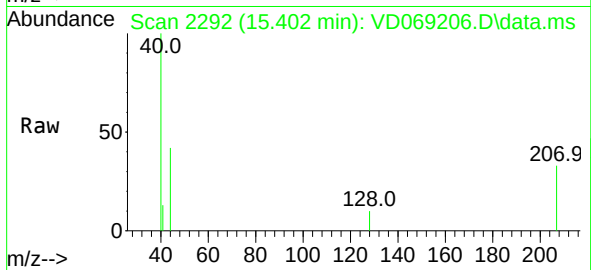
Tgt Ion: 75 Resp: 25256
Ion Ratio Lower Upper
75 100
53 0.3 70.0 105.0#
89 0.0 40.2 60.2#





#95
Naphthalene
Concen: 2.09 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD069206.D
Acq: 19 May 2021 19:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	76
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.9	13.3#

