

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069306.D
 Acq On : 02 Jun 2021 17:26
 Operator : VA/SY
 Sample : M2575-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 03 01:10:29 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)

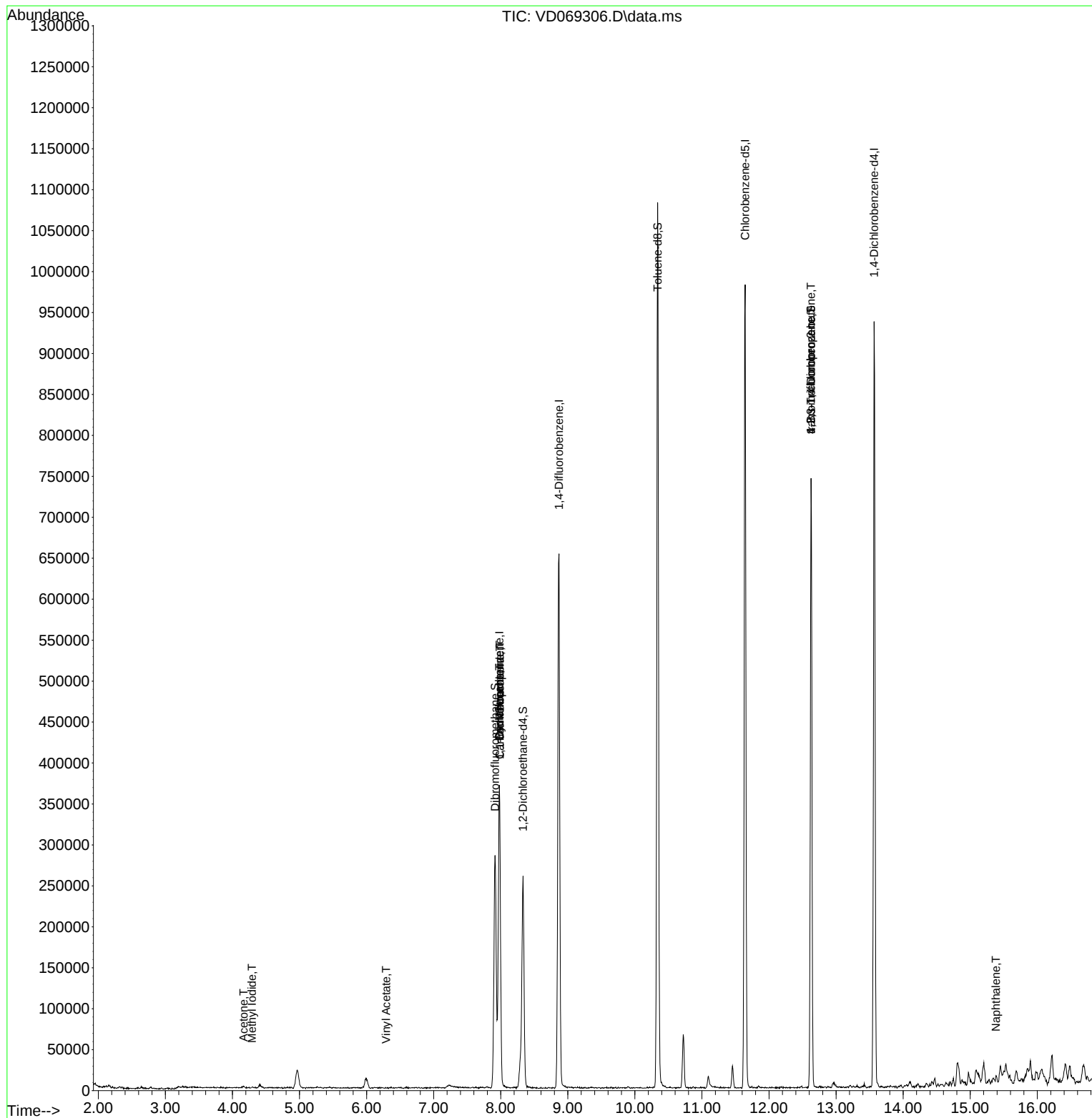
Internal Standards						
1) Pentafluorobenzene	7.979	168	276665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	589792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	597547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	257541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197745	74.49	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 148.98%			
35) Dibromofluoromethane	7.914	113	213705	57.70	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.40%			
50) Toluene-d8	10.338	98	758690	56.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.66%			
62) 4-Bromofluorobenzene	12.626	95	241110	54.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.26%			
Target Compounds						Qvalue
10) Methyl Iodide	4.291	142	1290	2.90	ug/l #	66
11) Tert butyl alcohol	5.220	59	111	Below Cal	#	73
16) Acetone	4.168	43	2630	5.68	ug/l #	71
20) Methylene Chloride	4.968	84	18806	Below Cal		96
23) Vinyl Acetate	6.291	43	74	11.63	ug/l #	67
31) Cyclohexane	7.979	56	6153	1.46	ug/l #	16
36) 1,1-Dichloropropene	7.985	75	22362	3.90	ug/l #	47
38) Carbon Tetrachloride	7.985	117	28946	4.68	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	119389	53.36	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	119389	118.24	ug/l #	18
95) Naphthalene	15.385	128	4381	3.77	ug/l #	82

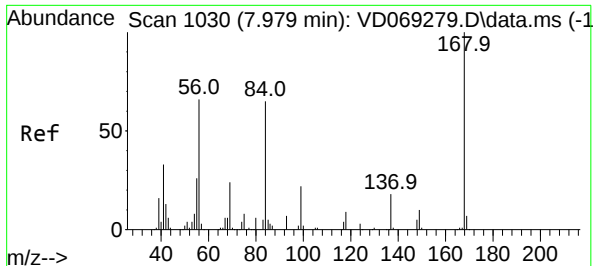
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
Data File : VD069306.D
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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 03 01:10:29 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

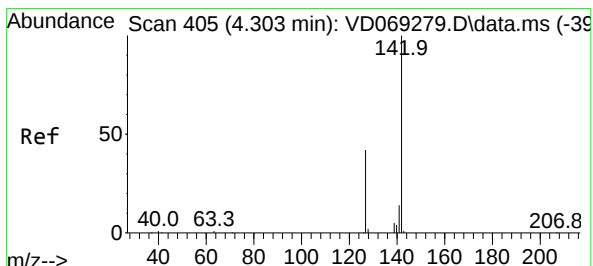
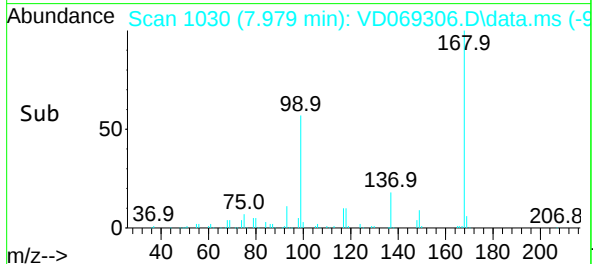
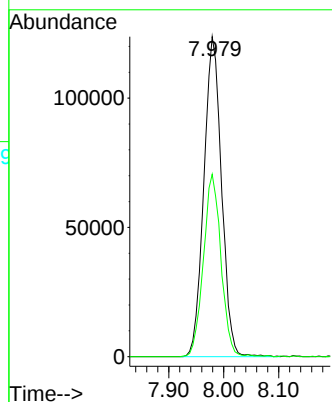
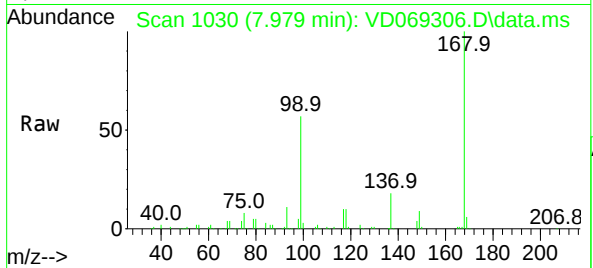




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

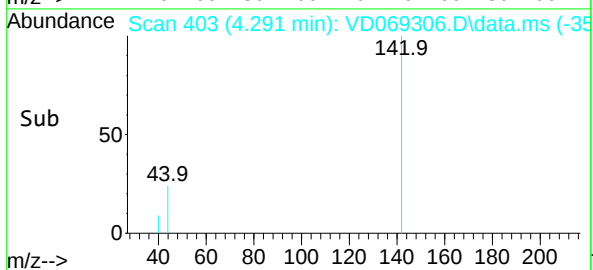
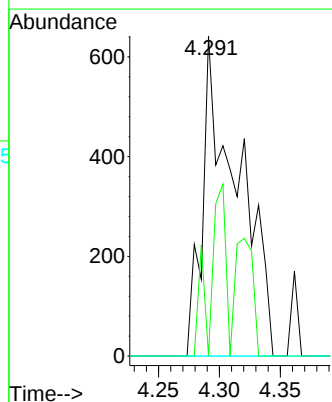
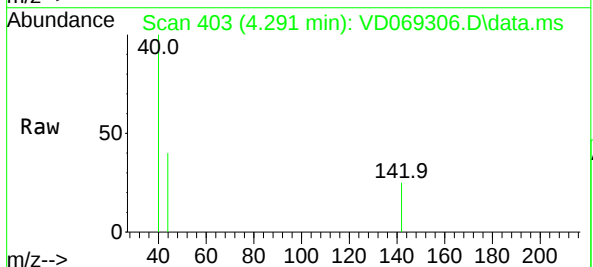
Instrument :
MSVOA_D
ClientSampled :

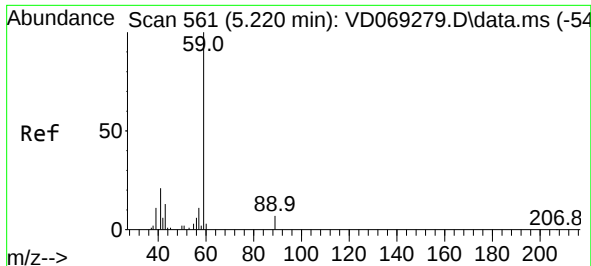
Tgt Ion:168 Resp: 276665
Ion Ratio Lower Upper
168 100
99 57.0 46.2 69.2



#10
Methyl Iodide
Concen: 2.90 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

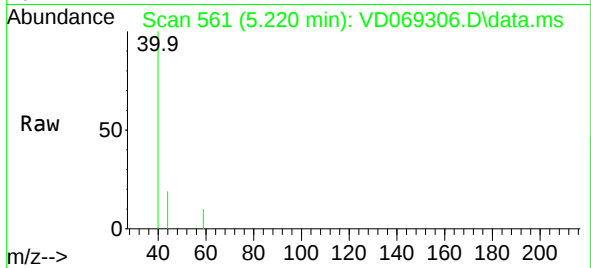
Tgt Ion:142 Resp: 1290
Ion Ratio Lower Upper
142 100
127 23.9 36.2 54.2#
141 0.0 12.2 18.2#



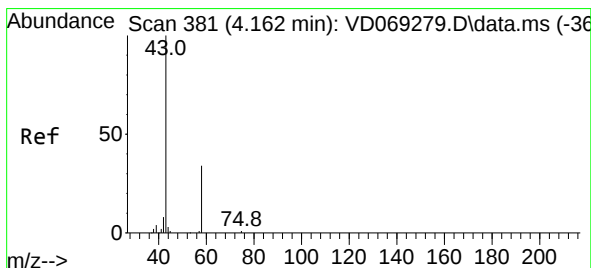
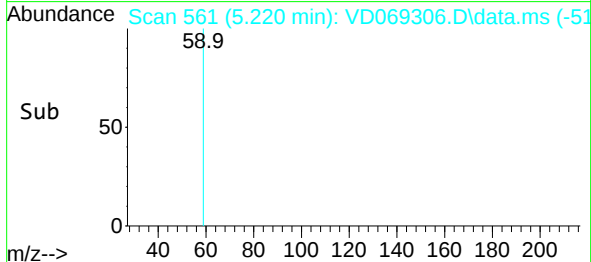
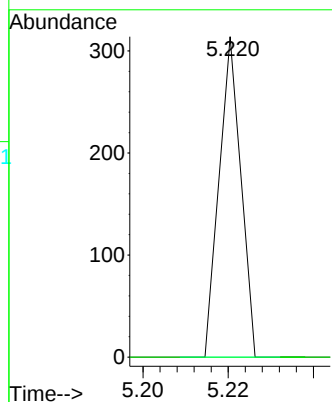


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Instrument :
MSVOA_D
ClientSampled :

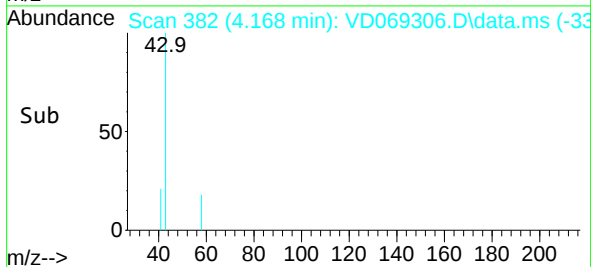
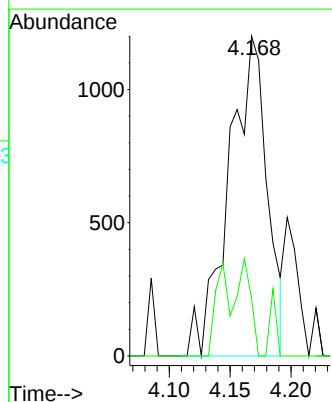
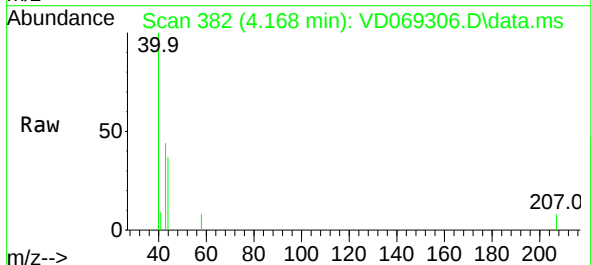


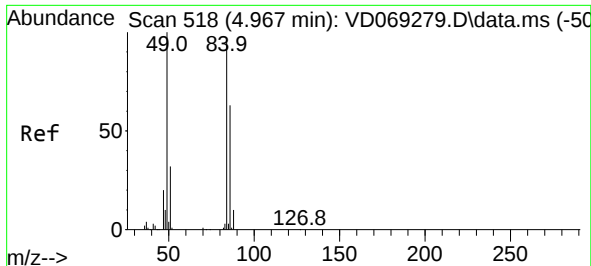
Tgt Ion: 59 Resp: 111
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 5.68 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Tgt Ion: 43 Resp: 2630
Ion Ratio Lower Upper
43 100
58 17.9 27.5 41.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.968 min Scan# 518

Delta R.T. 0.001 min

Lab File: VD069306.D

Acq: 02 Jun 2021 17:26

Tgt Ion: 84 Resp: 18806

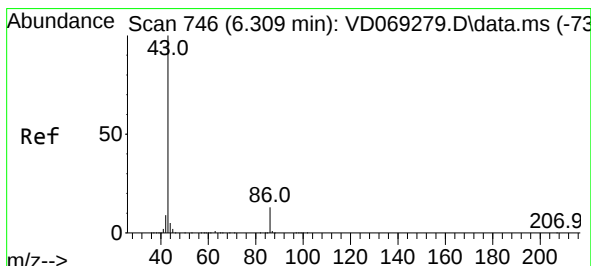
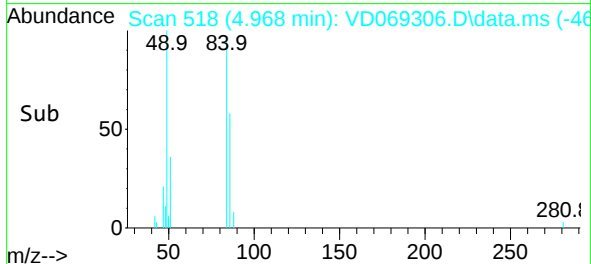
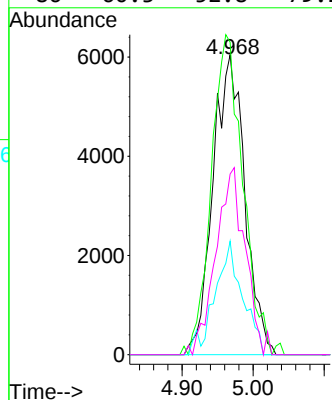
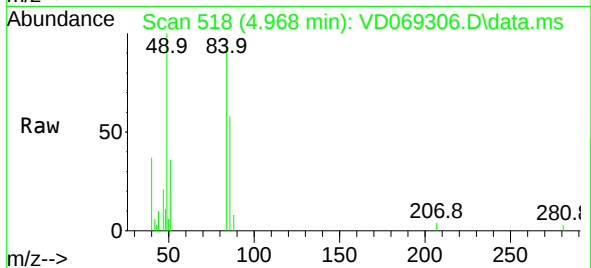
Ion Ratio Lower Upper

84 100

49 104.2 83.7 125.5

51 37.8 26.4 39.6

86 60.3 52.8 79.2



#23

Vinyl Acetate

Concen: 11.63 ug/l

RT: 6.291 min Scan# 743

Delta R.T. -0.018 min

Lab File: VD069306.D

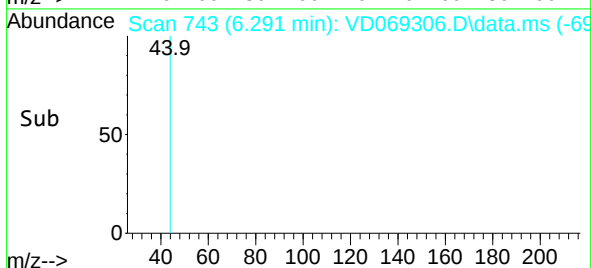
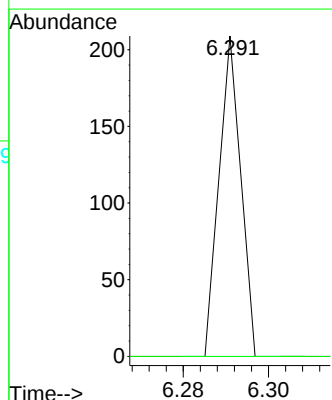
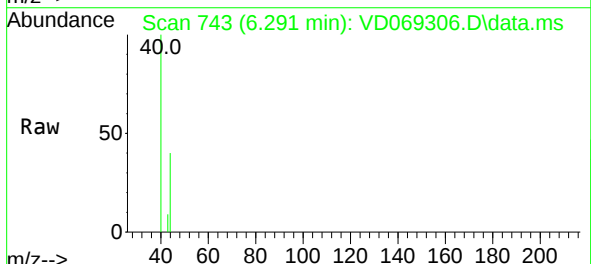
Acq: 02 Jun 2021 17:26

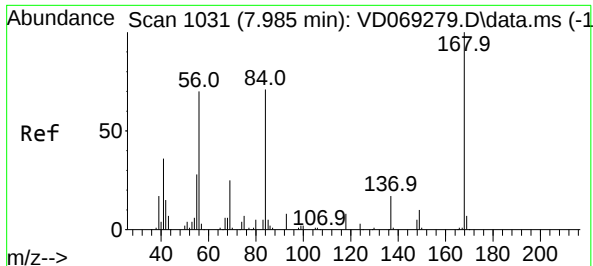
Tgt Ion: 43 Resp: 74

Ion Ratio Lower Upper

43 100

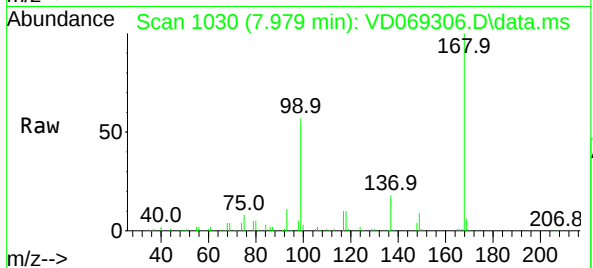
86 0.0 10.5 15.7#



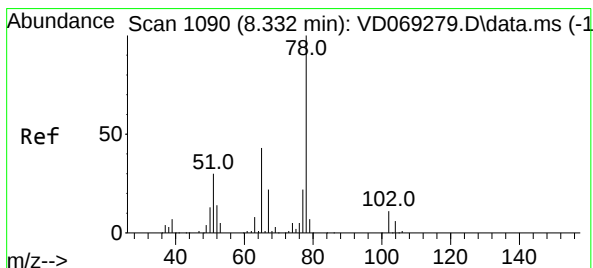
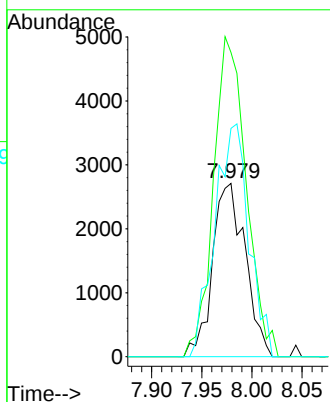
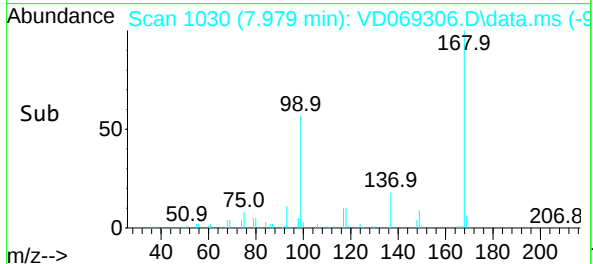


#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

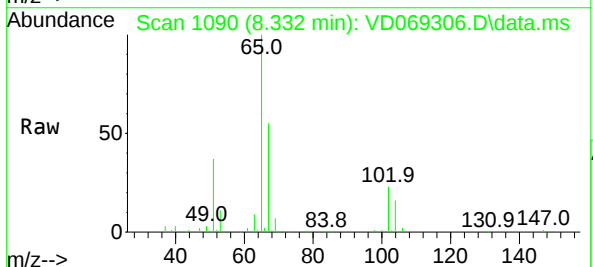
Instrument :
MSVOA_D
ClientSampled :



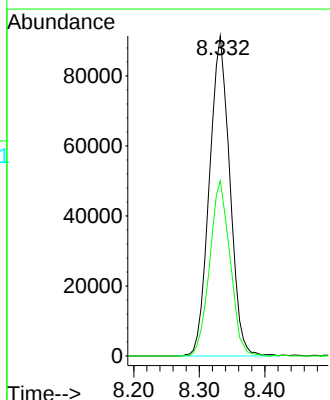
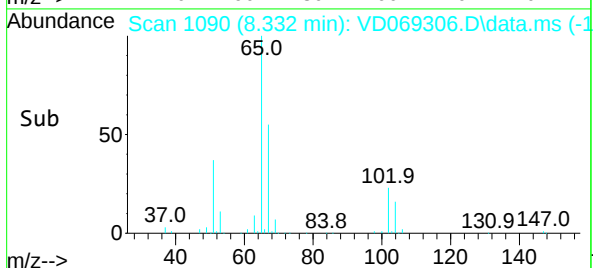
Tgt Ion: 56 Resp: 6153
Ion Ratio Lower Upper
56 100
69 175.5 29.0 43.4#
84 131.8 81.1 121.7#

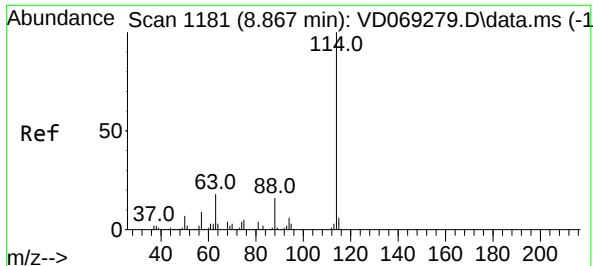


#33
1,2-Dichloroethane-d4
Concen: 74.49 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26



Tgt Ion: 65 Resp: 197745
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069306.D

Acq: 02 Jun 2021 17:26

Tgt Ion:114 Resp: 589792

Ion Ratio Lower Upper

114 100

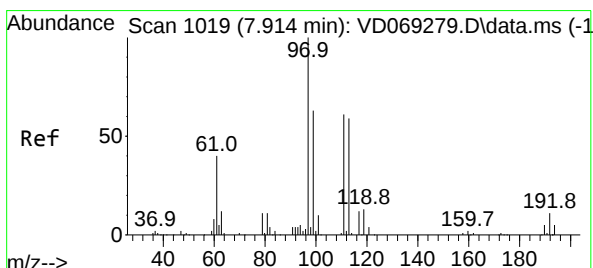
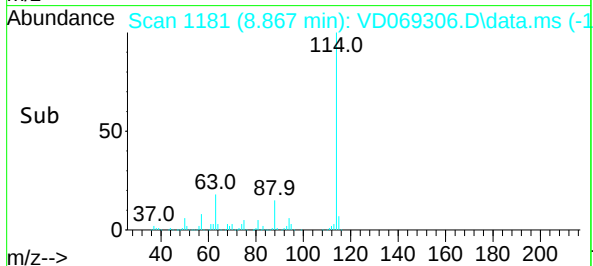
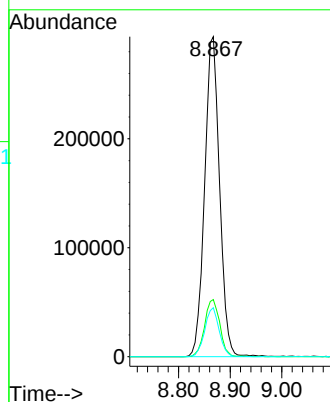
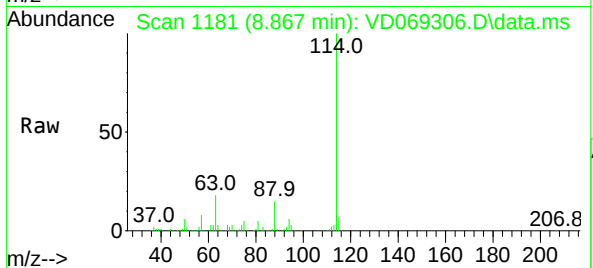
63 17.9 0.0 35.6

88 15.3 0.0 31.2

Instrument :

MSVOA_D

ClientSampled :



#35

Dibromofluoromethane

Concen: 57.70 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069306.D

Acq: 02 Jun 2021 17:26

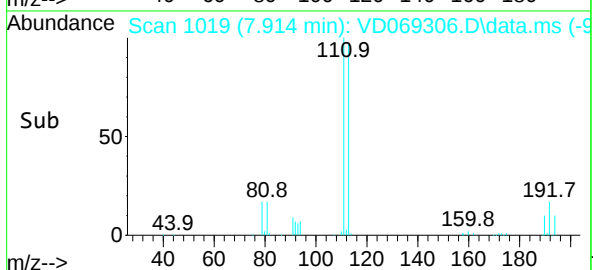
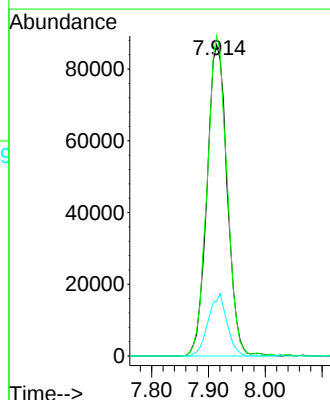
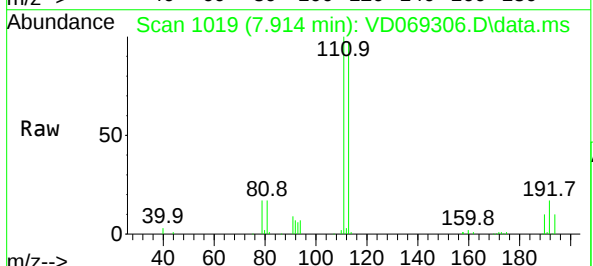
Tgt Ion:113 Resp: 213705

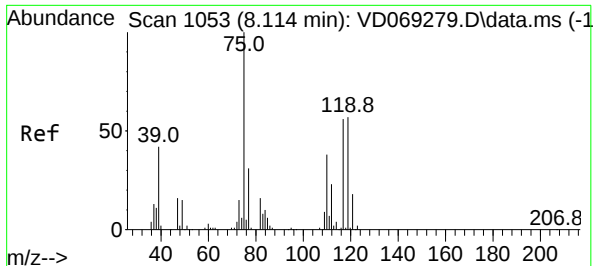
Ion Ratio Lower Upper

113 100

111 101.0 83.0 124.6

192 18.4 15.1 22.7

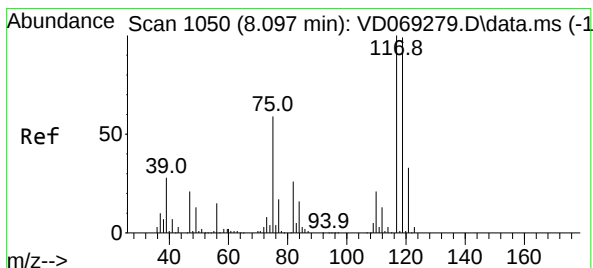
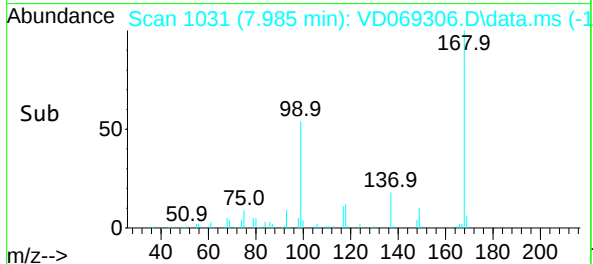
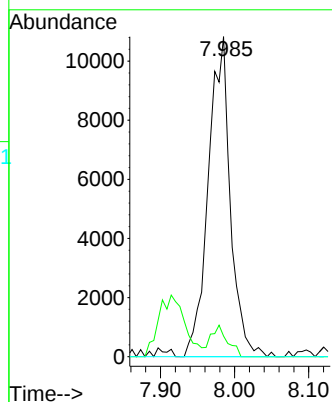
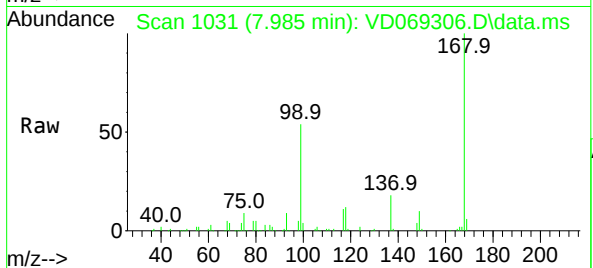




#36
1,1-Dichloropropene
Concen: 3.90 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

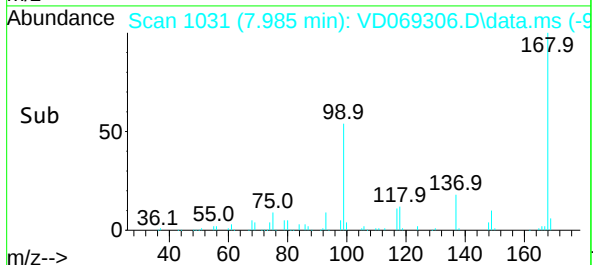
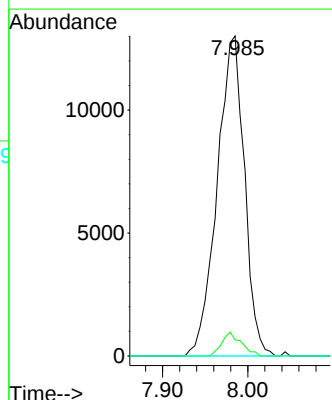
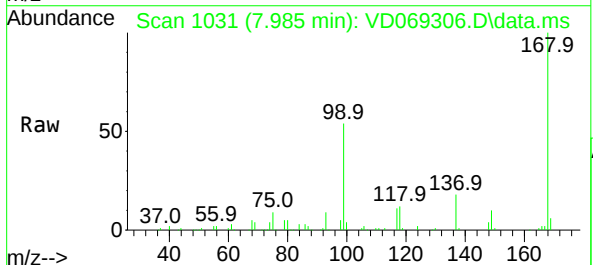
Instrument :
MSVOA_D
ClientSampled :

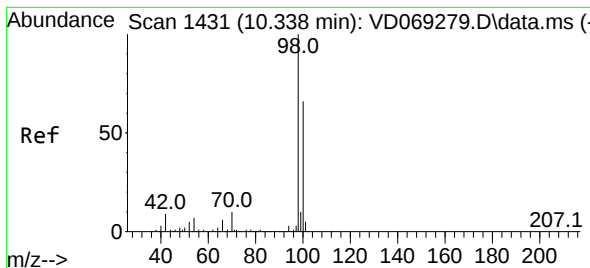
Tgt Ion: 75 Resp: 22362
Ion Ratio Lower Upper
75 100
110 7.6 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.68 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Tgt Ion: 117 Resp: 28946
Ion Ratio Lower Upper
117 100
119 5.0 79.4 119.2#
121 0.0 26.1 39.1#

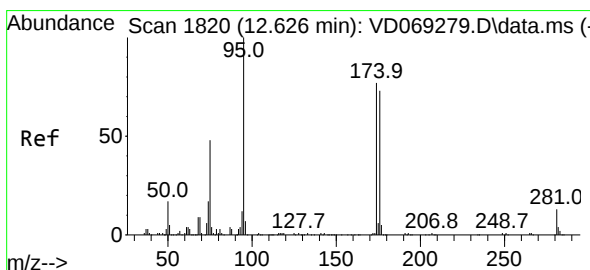
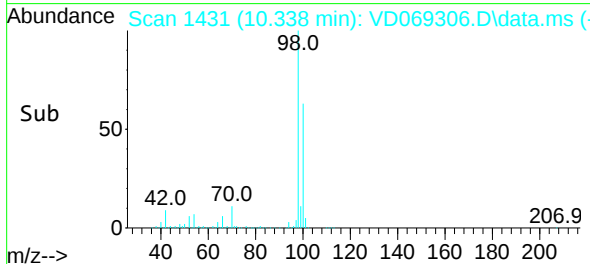
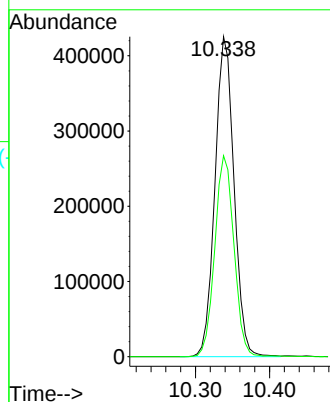
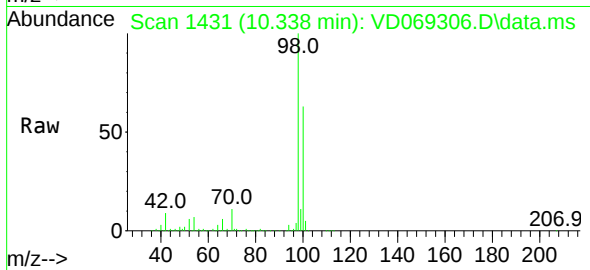




#50
Toluene-d8
Concen: 56.33 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

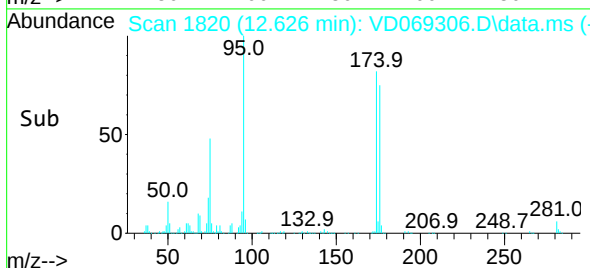
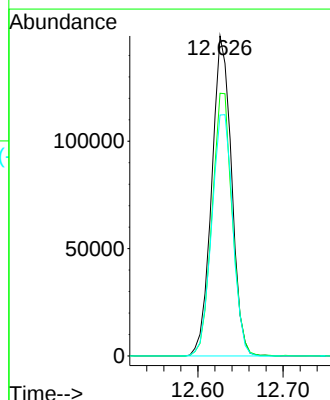
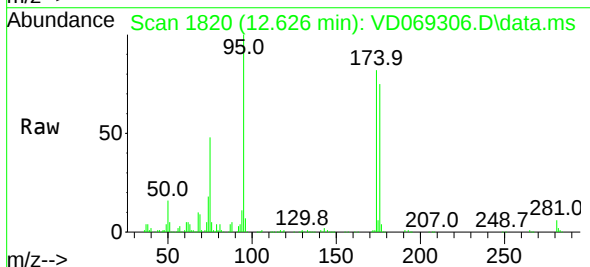
Instrument :
MSVOA_D
ClientSampled :

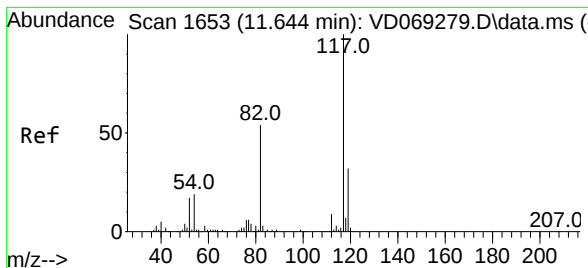
Tgt Ion: 98 Resp: 758690
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.63 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Tgt Ion: 95 Resp: 241110
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.8
176 79.8 0.0 154.4

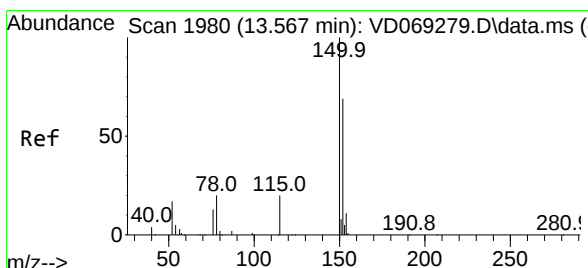
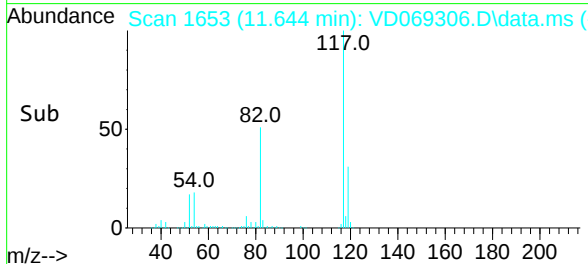
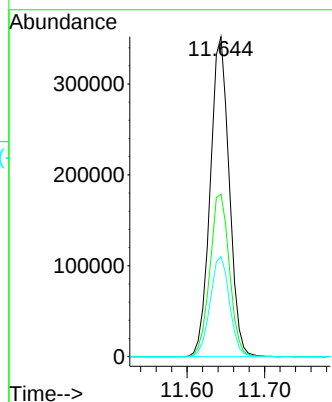
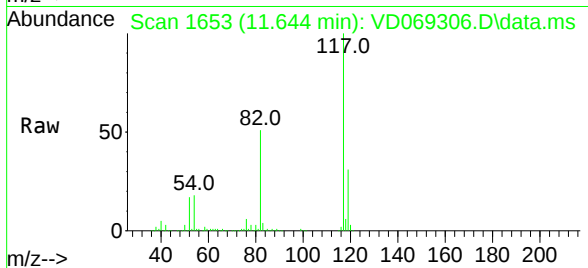




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

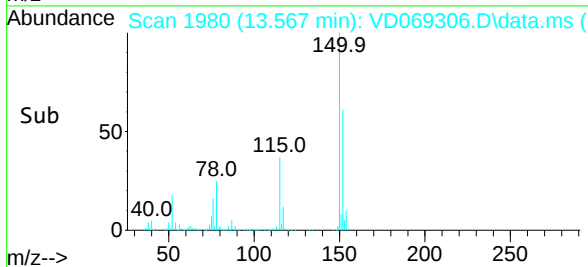
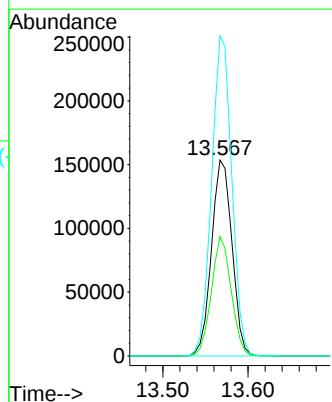
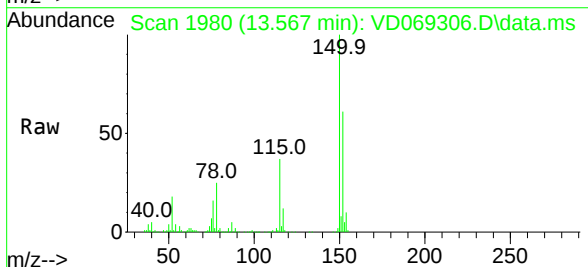
Instrument :
MSVOA_D
ClientSampleId :

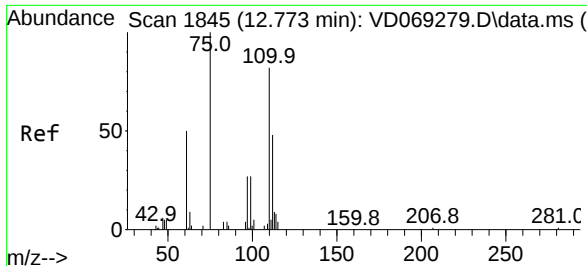
Tgt Ion:	117	Resp:	597547
Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.3	64.9
119	31.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Tgt Ion:	152	Resp:	257541
Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.4	88.3
150	160.6	0.0	355.0

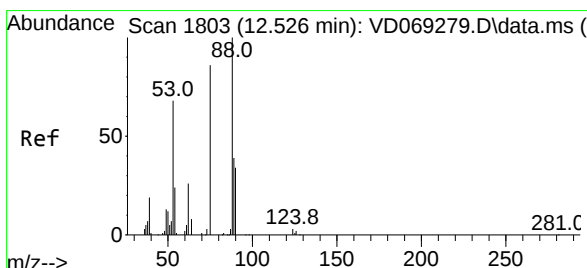
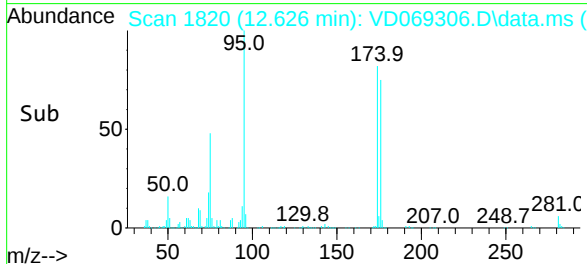
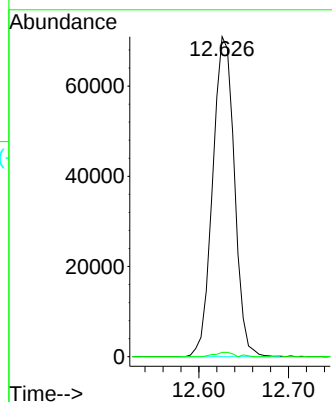
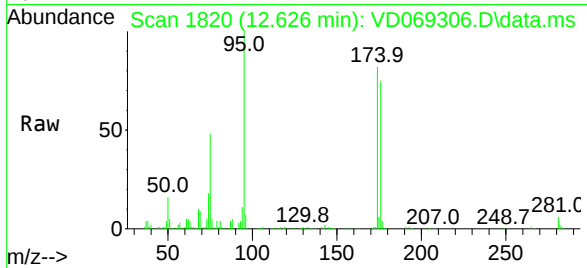




#76
1,2,3-Trichloropropane
Concen: 53.36 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

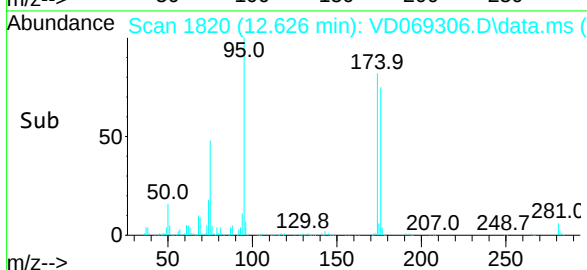
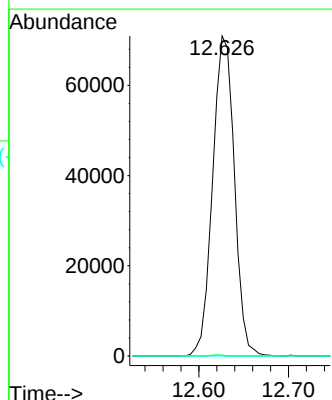
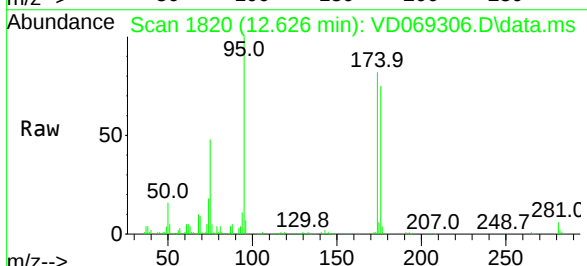
Instrument :
MSVOA_D
ClientSampled :

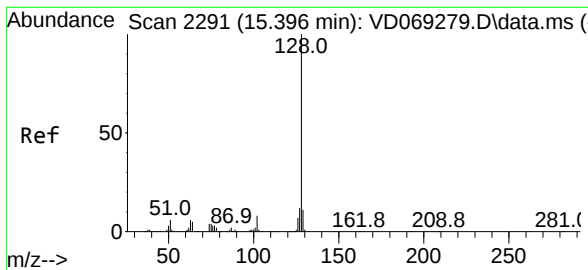
Tgt Ion: 75 Resp: 119389
Ion Ratio Lower Upper
75 100
77 1.3 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.24 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

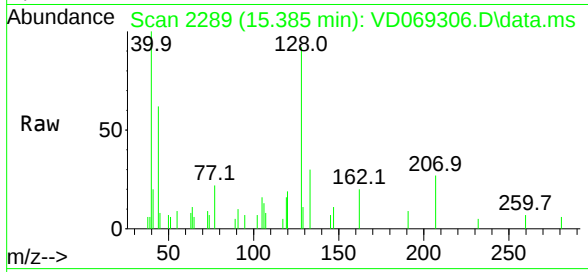
Tgt Ion: 75 Resp: 119389
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.1 35.6 53.4#





#95
Naphthalene
Concen: 3.77 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.011 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128	Resp:	4381
Ion Ratio	Lower	Upper
128	100	
127	2.9	10.4 15.6#
129	7.4	8.8 13.2#

