

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069353.D
 Acq On : 04 Jun 2021 18:41
 Operator : VA/SY
 Sample : M2598-10
 Misc : 3.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 17

Quant Time: Jun 05 00:37:20 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)

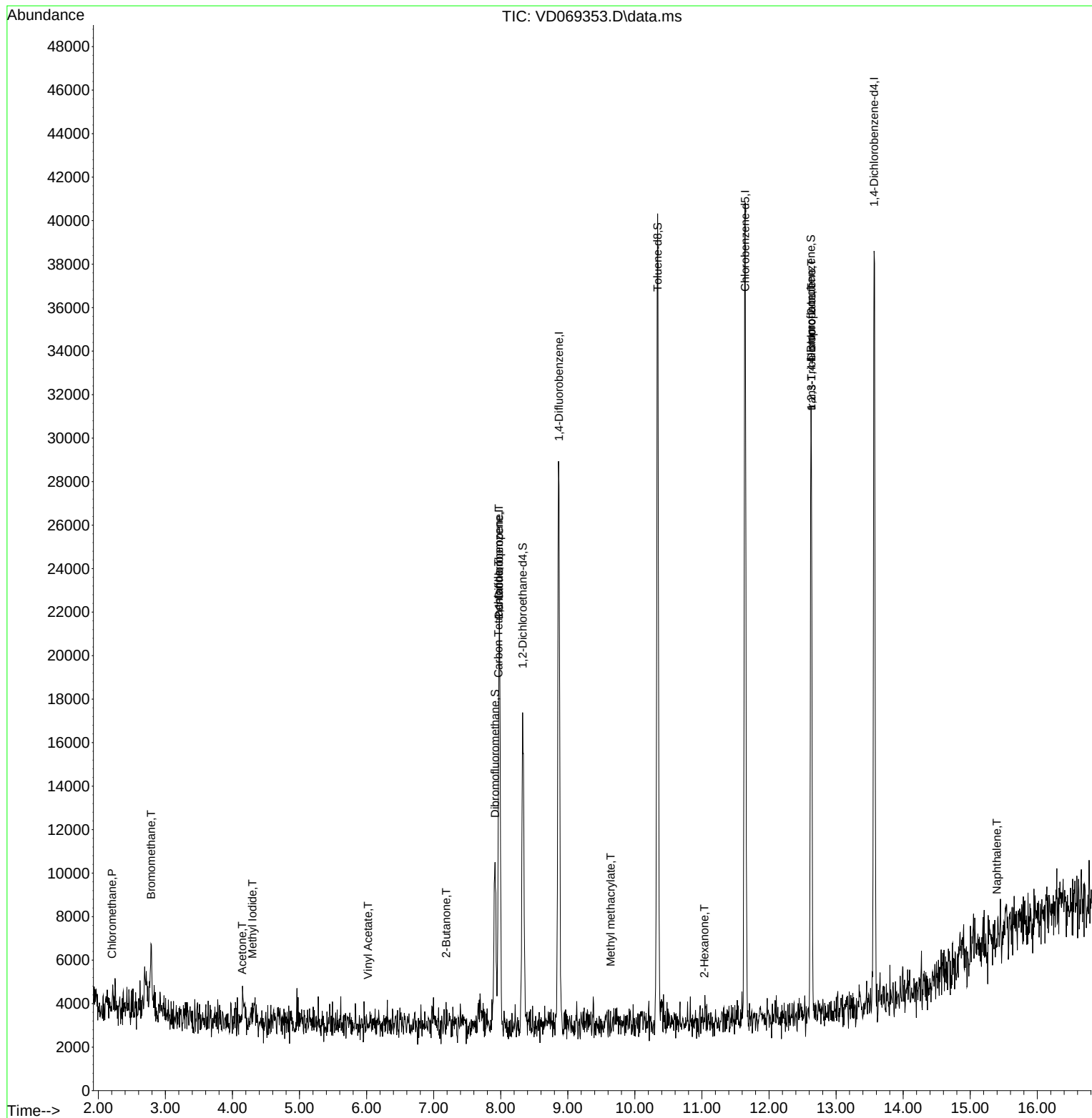
Internal Standards						
1) Pentafluorobenzene	7.973	168	13978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	22939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	23638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	10507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	11557	86.168	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 172.340%#			
35) Dibromofluoromethane	7.914	113	5539	38.452	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 76.900%			
50) Toluene-d8	10.338	98	26583	50.748	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.626	95	9505	55.377	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.760%			
Target Compounds			Qvalue			
3) Chloromethane	2.203	50	543	4.889	ug/l #	70
5) Bromomethane	2.785	94	2090	25.316	ug/l	94
10) Methyl Iodide	4.297	142	928	8.080	ug/l #	52
16) Acetone	4.144	43	1749	74.727	ug/l #	40
20) Methylene Chloride	4.962	84	409	Below Cal	#	51
23) Vinyl Acetate	6.020	43	58	11.878	ug/l #	67
25) 2-Butanone	7.185	43	58	1.883	ug/l #	45
36) 1,1-Dichloropropene	7.973	75	1244	5.579	ug/l #	41
38) Carbon Tetrachloride	7.967	117	1500	6.231	ug/l #	11
48) Methyl methacrylate	9.638	41	116	1.813	ug/l #	9
59) 2-Hexanone	11.038	43	59	1.240	ug/l #	20
76) 1,2,3-Trichloropropane	12.632	75	5151	56.426	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.632	75	5151	125.040	ug/l #	18
95) Naphthalene	15.396	128	138	3.661	ug/l #	69

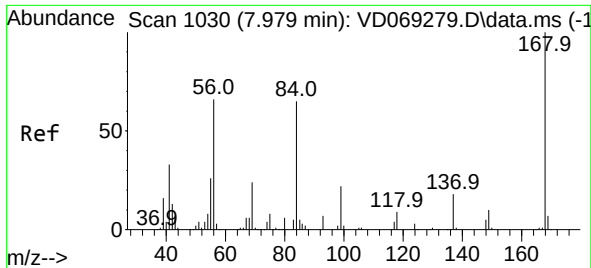
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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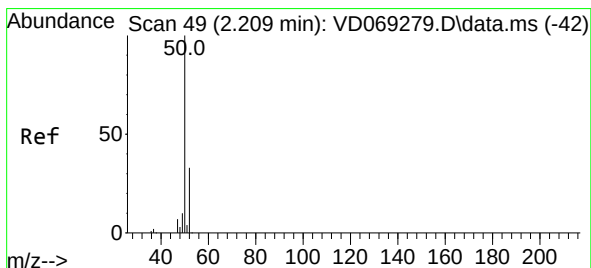
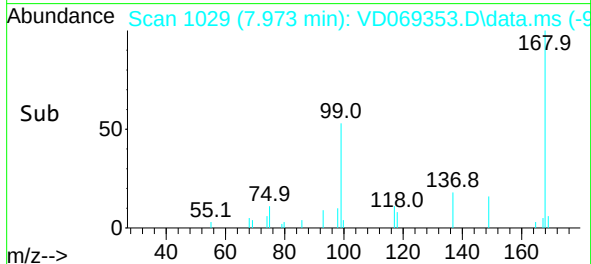
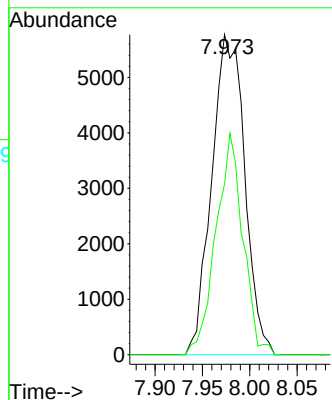
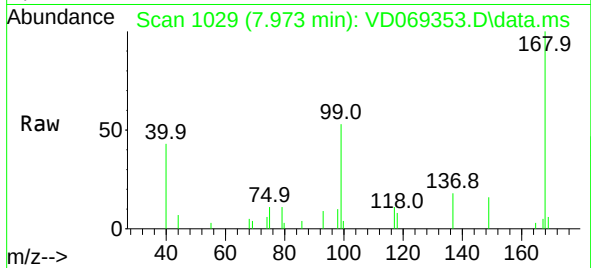




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

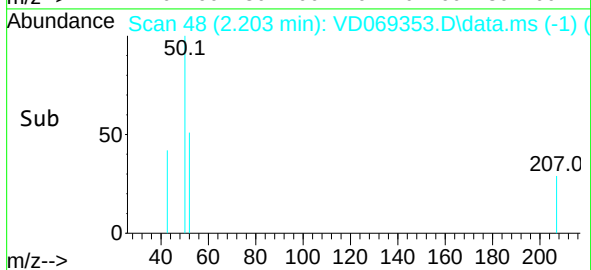
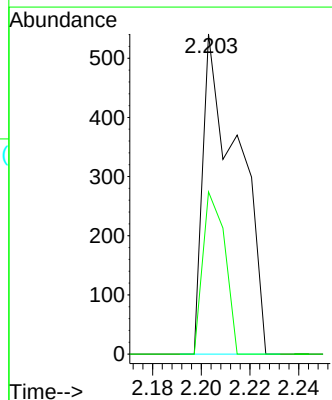
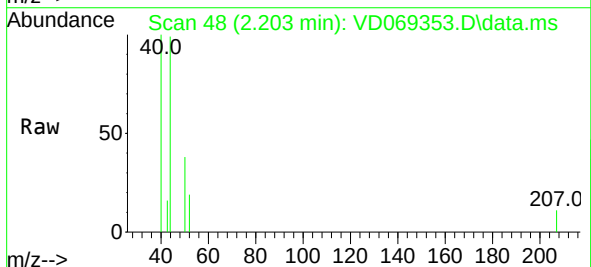
Instrument :
MSVOA_D
ClientSampleId :
17

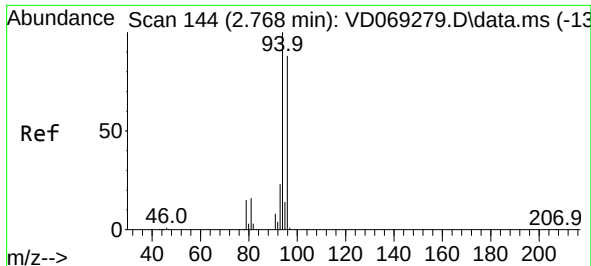
Tgt Ion:168 Resp: 13978
Ion Ratio Lower Upper
168 100
99 53.3 46.2 69.2



#3
Chloromethane
Concen: 4.889 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

Tgt Ion: 50 Resp: 543
Ion Ratio Lower Upper
50 100
52 50.6 26.7 40.1#

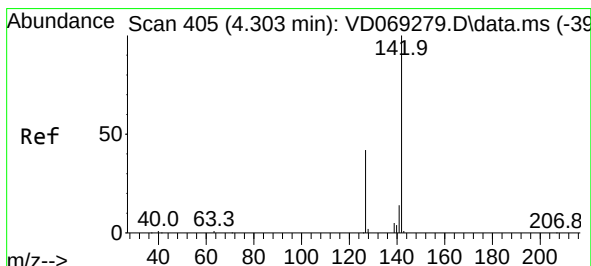
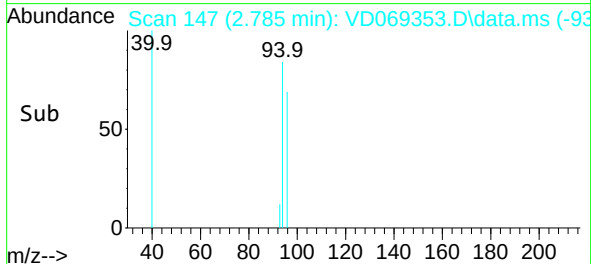
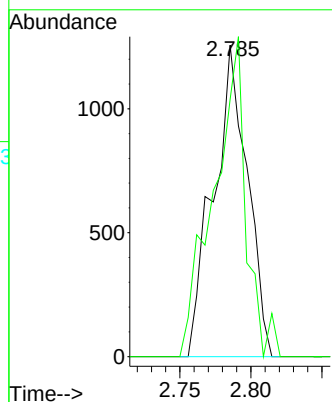
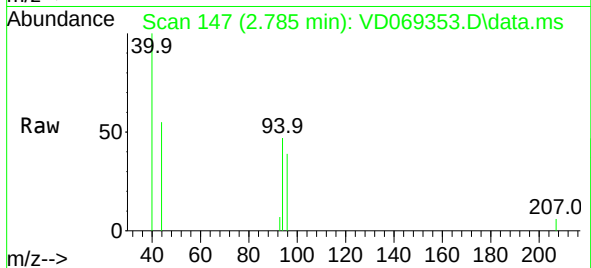




#5
Bromomethane
Concen: 25.316 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

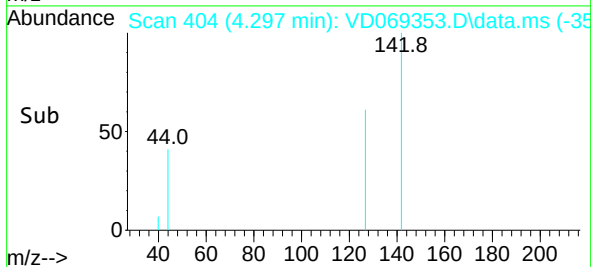
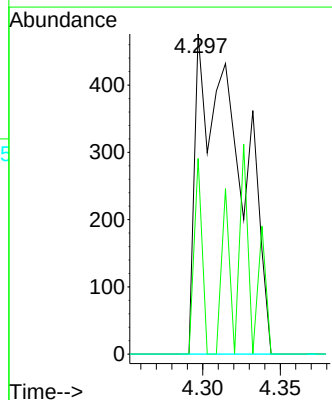
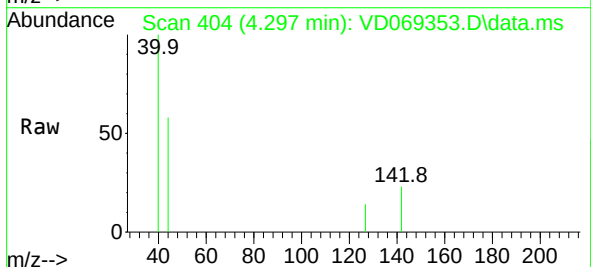
Instrument :
MSVOA_D
ClientSampleId :
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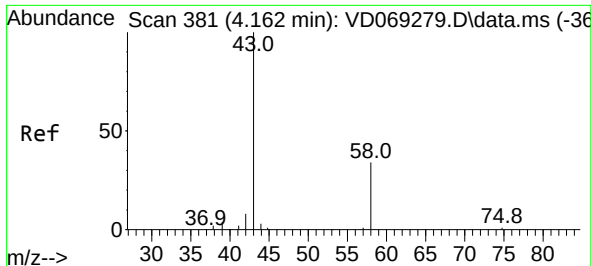
Tgt Ion: 94 Resp: 2090
Ion Ratio Lower Upper
94 100
96 82.6 70.3 105.5



#10
Methyl Iodide
Concen: 8.080 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

Tgt Ion: 142 Resp: 928
Ion Ratio Lower Upper
142 100
127 11.1 36.2 54.2#
141 0.0 12.2 18.2#

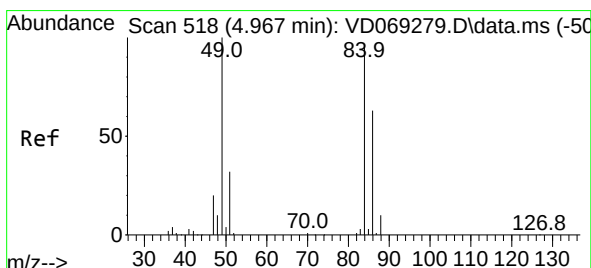
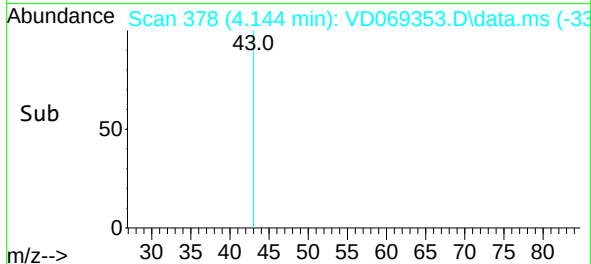
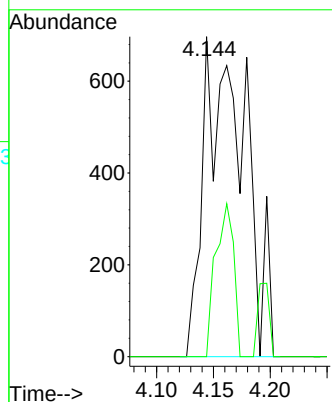
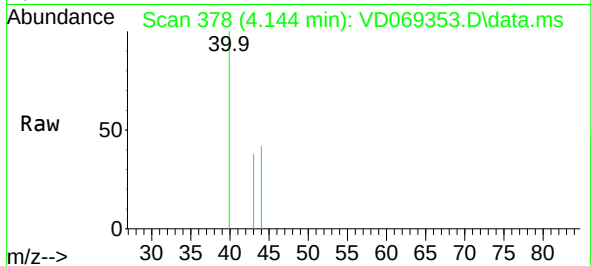




#16
Acetone
Concen: 74.727 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.018 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

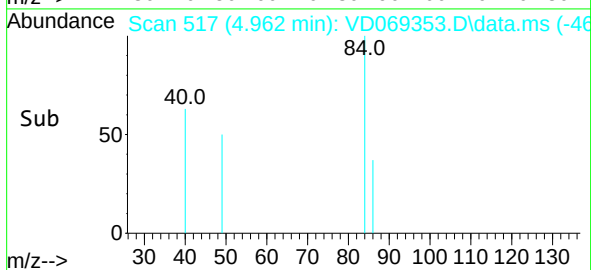
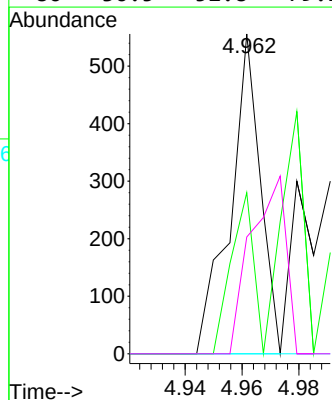
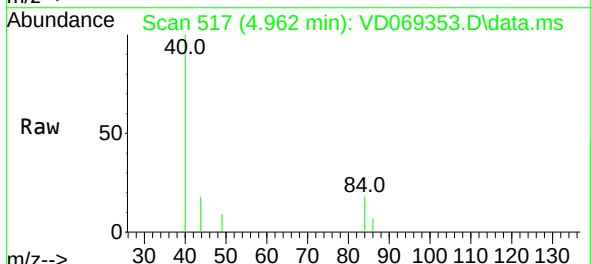
Instrument :
MSVOA_D
ClientSampled :
17

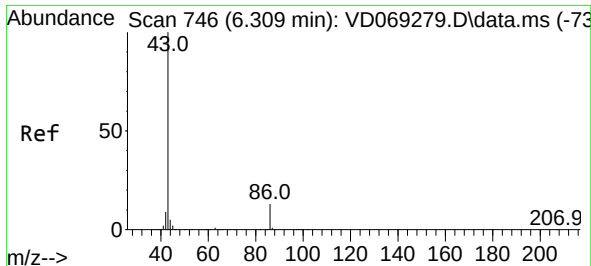
Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

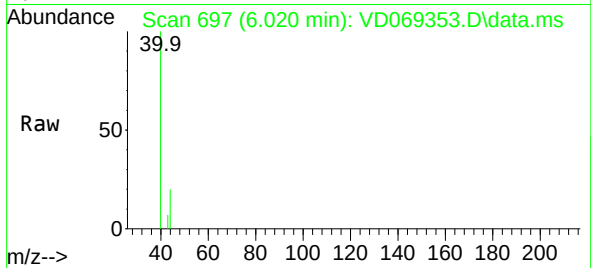
Tgt Ion: 84 Resp: 409
Ion Ratio Lower Upper
84 100
49 50.4 83.7 125.5#
51 0.0 26.4 39.6#
86 36.5 52.8 79.2#



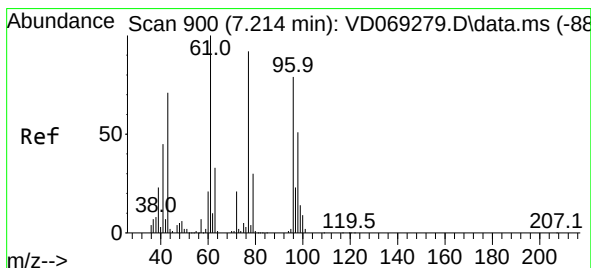
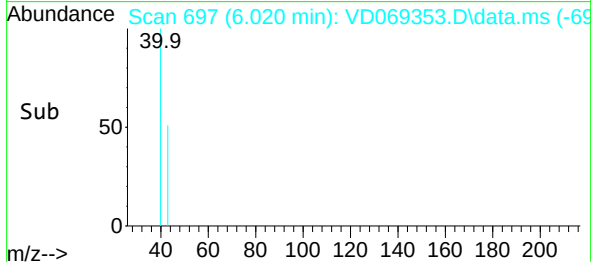
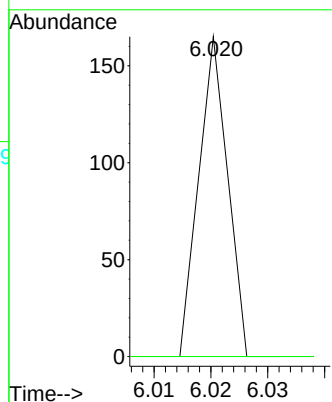


#23
 Vinyl Acetate
 Concen: 11.878 ug/l
 RT: 6.020 min Scan# 697
 Delta R.T. -0.289 min
 Lab File: VD069353.D
 Acq: 04 Jun 2021 18:41

Instrument :
 MSVOA_D
 ClientSampled :
 17

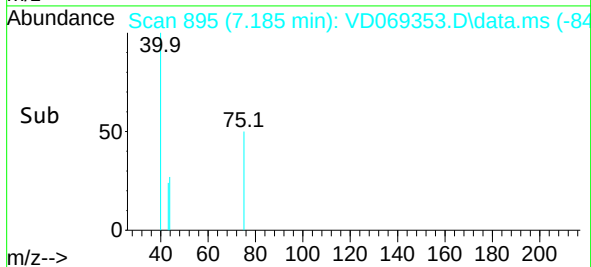
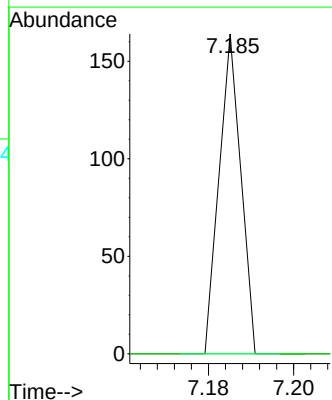
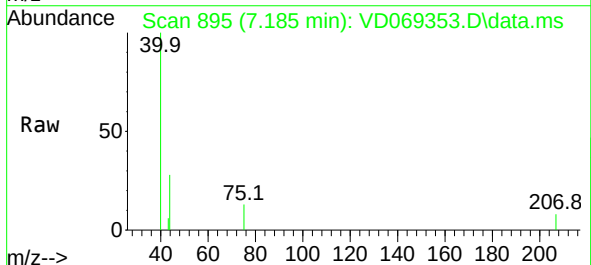


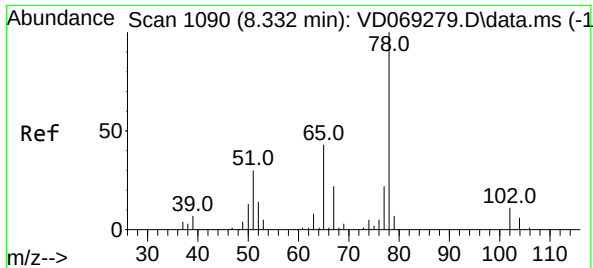
Tgt Ion: 43 Resp: 58
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#25
 2-Butanone
 Concen: 1.883 ug/l
 RT: 7.185 min Scan# 895
 Delta R.T. -0.029 min
 Lab File: VD069353.D
 Acq: 04 Jun 2021 18:41

Tgt Ion: 43 Resp: 58
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.9 35.9#

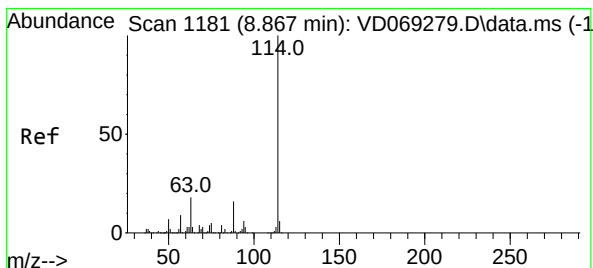
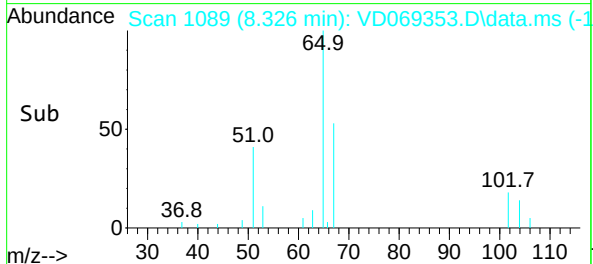
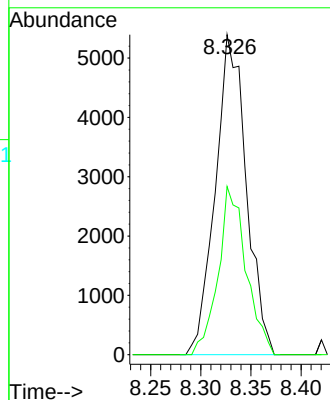
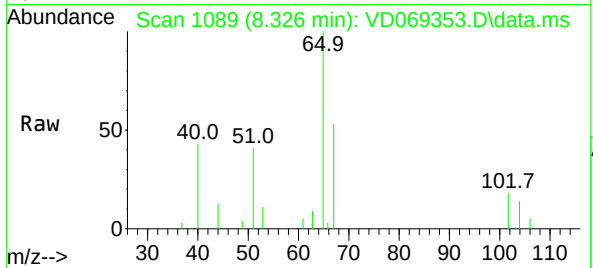




#33
 1,2-Dichloroethane-d4
 Concen: 86.168 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD069353.D
 Acq: 04 Jun 2021 18:41

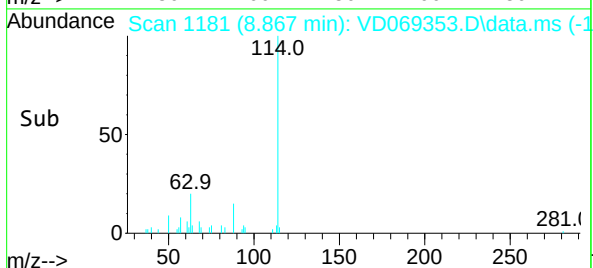
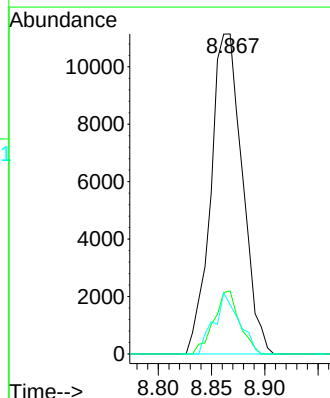
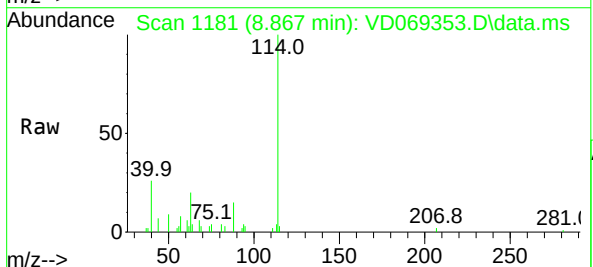
Instrument :
 MSVOA_D
 ClientSampleId :
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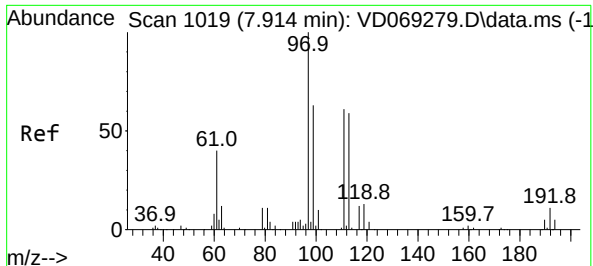
Tgt Ion: 65 Resp: 11557
 Ion Ratio Lower Upper
 65 100
 67 47.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD069353.D
 Acq: 04 Jun 2021 18:41

Tgt Ion: 114 Resp: 22939
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 35.6
 88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 38.452 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069353.D

Acq: 04 Jun 2021 18:41

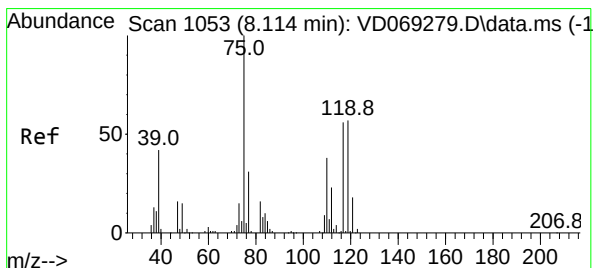
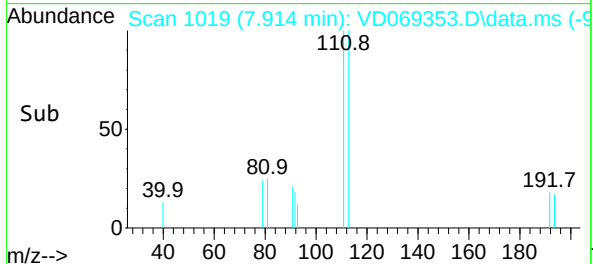
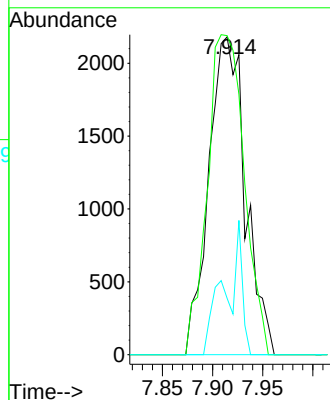
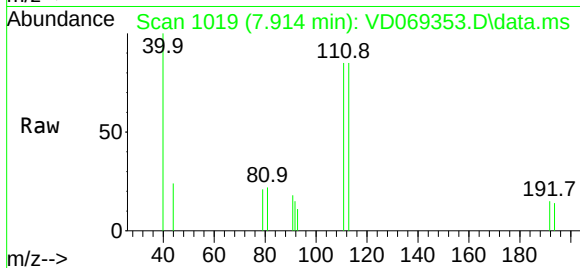
Tgt Ion:113 Resp: 5539

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.6

192 12.0 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 5.579 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD069353.D

Acq: 04 Jun 2021 18:41

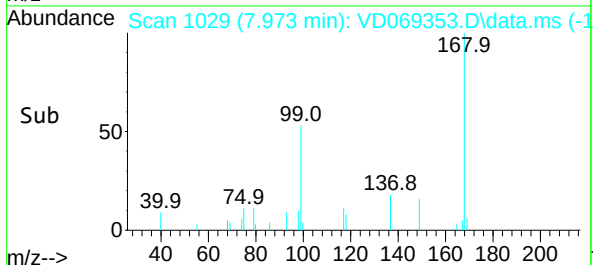
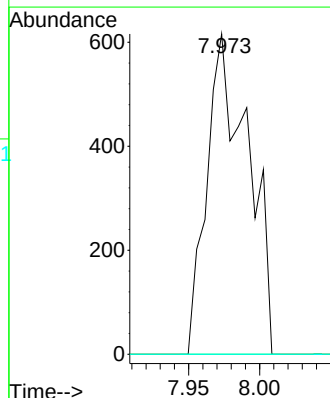
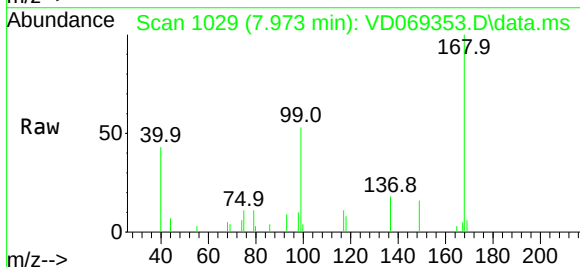
Tgt Ion: 75 Resp: 1244

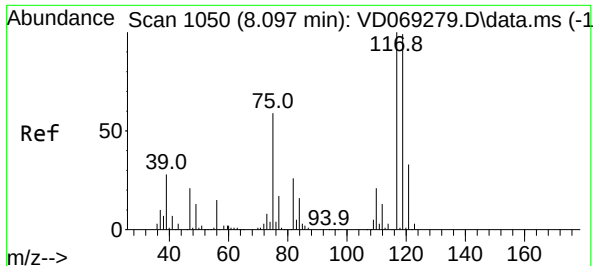
Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.2#

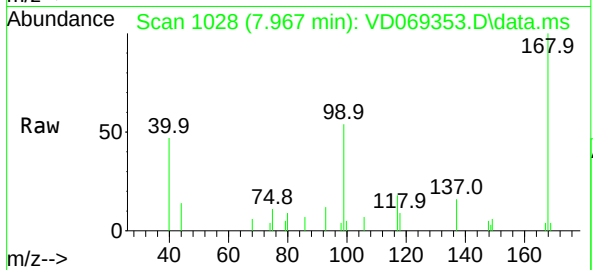
77 0.0 24.9 37.3#



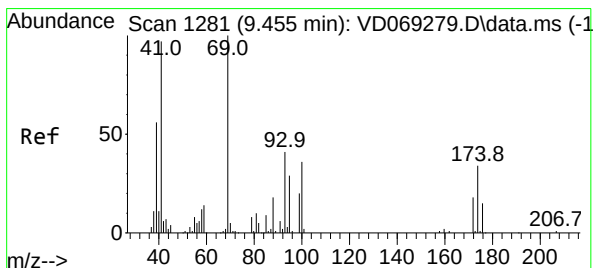
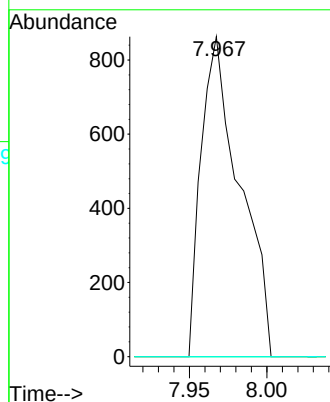
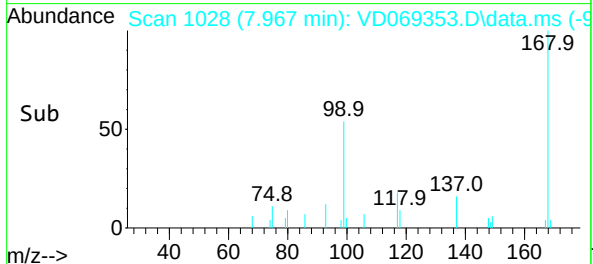


#38
Carbon Tetrachloride
Concen: 6.231 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.129 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

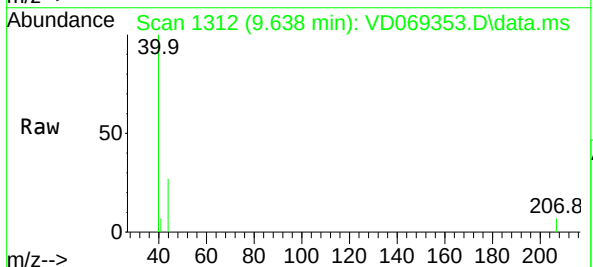
Instrument :
MSVOA_D
ClientSampleId :
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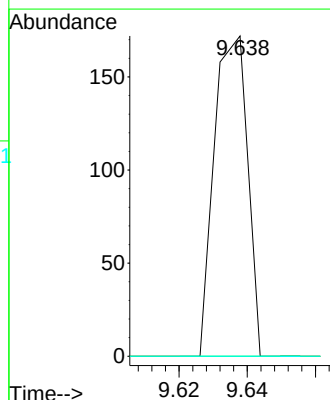
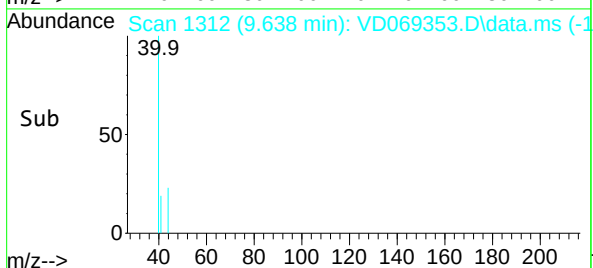
Tgt Ion:117 Resp: 1500
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#

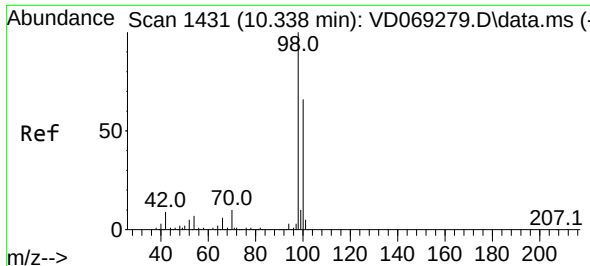


#48
Methyl methacrylate
Concen: 1.813 ug/l
RT: 9.638 min Scan# 1312
Delta R.T. 0.182 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41



Tgt Ion: 41 Resp: 116
Ion Ratio Lower Upper
41 100
69 0.0 77.6 116.4#
39 0.0 45.3 67.9#

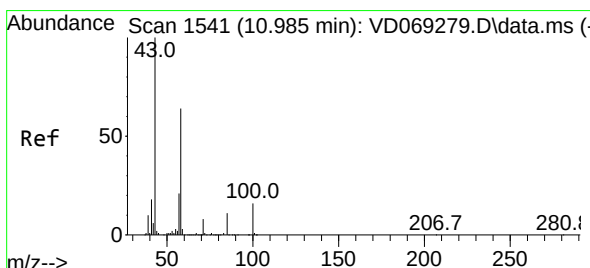
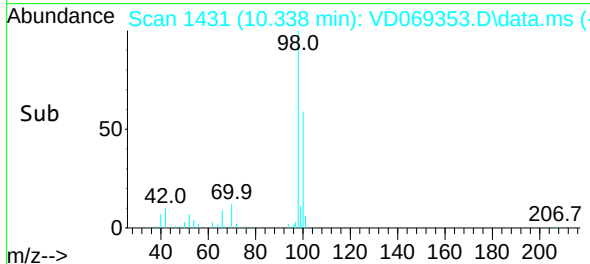
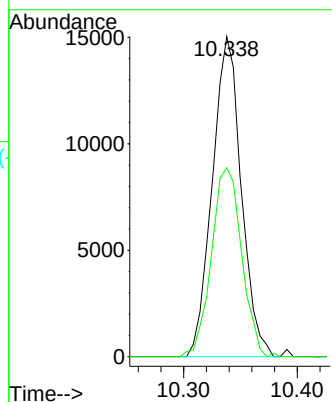
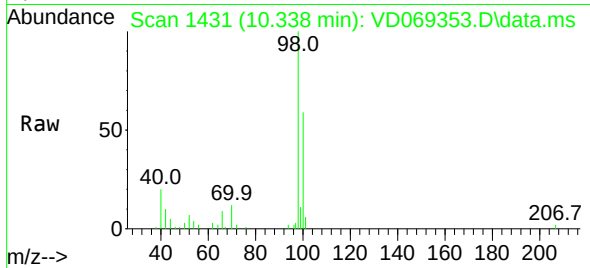




#50
Toluene-d8
Concen: 50.748 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

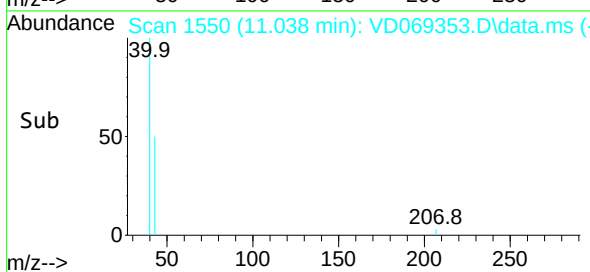
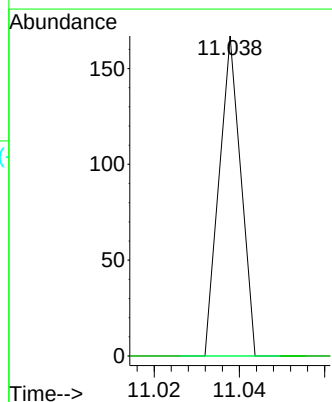
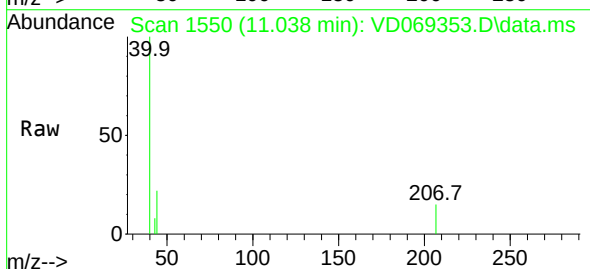
Instrument :
MSVOA_D
ClientSampled :
17

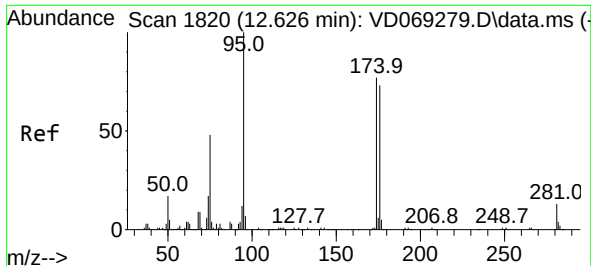
Tgt Ion: 98 Resp: 26583
Ion Ratio Lower Upper
98 100
100 61.6 52.1 78.1



#59
2-Hexanone
Concen: 1.240 ug/l
RT: 11.038 min Scan# 1550
Delta R.T. 0.053 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.3#

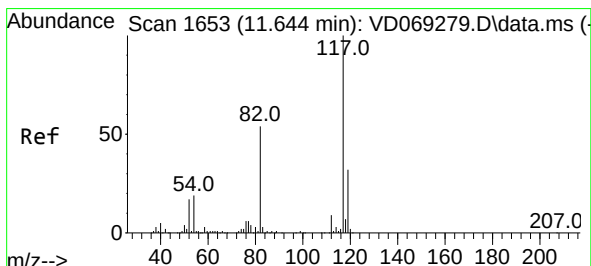
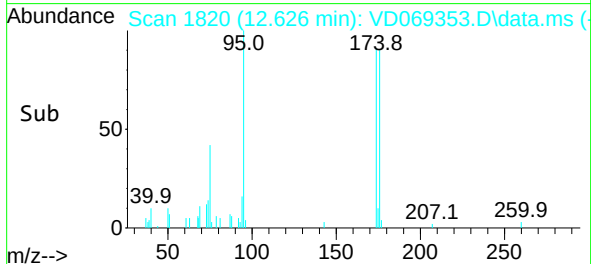
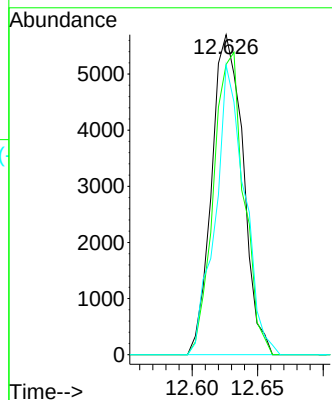
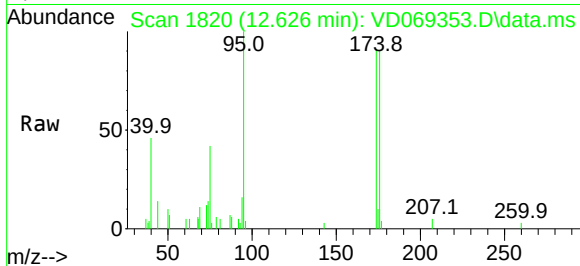




#62
4-Bromofluorobenzene
Concen: 55.377 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

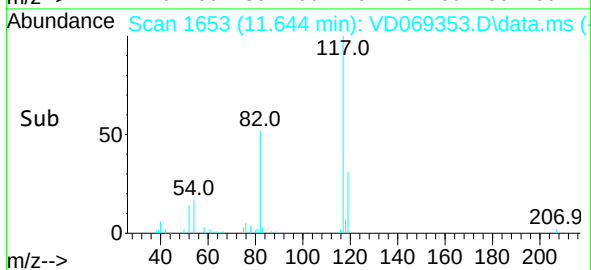
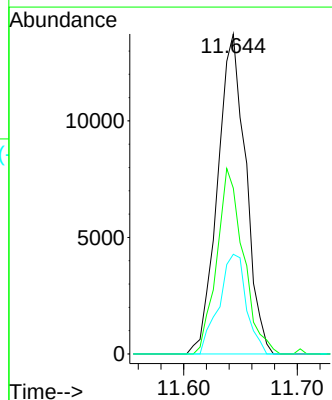
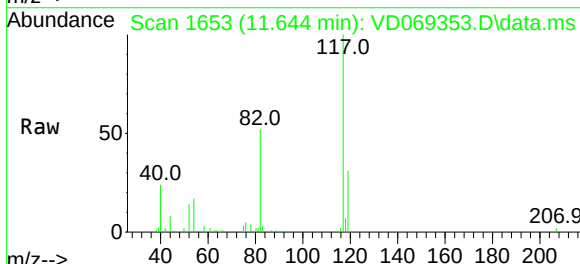
Instrument :
MSVOA_D
ClientSampled :
17

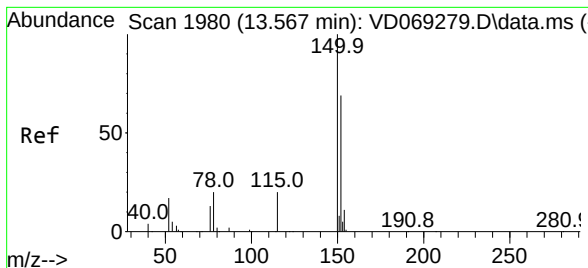
Tgt Ion:	95	Resp:	9505
Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	162.8
176	84.2	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

Tgt Ion:	117	Resp:	23638
Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.3	64.9
119	31.1	25.3	37.9

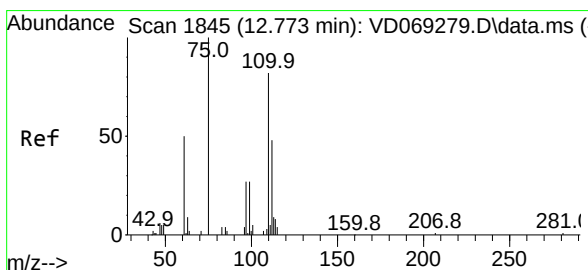
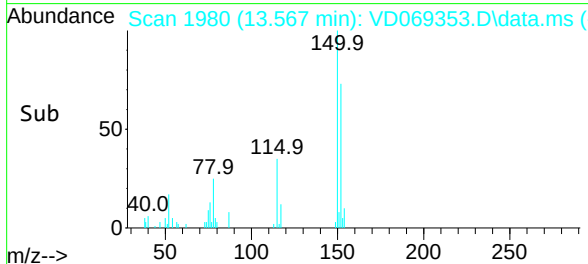
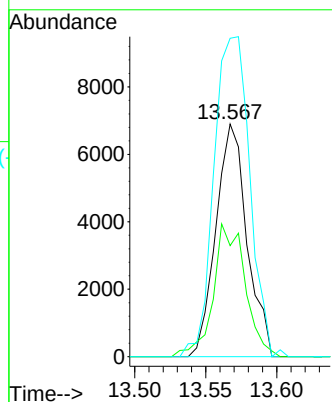
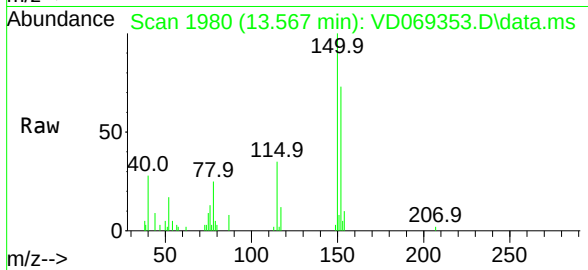




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

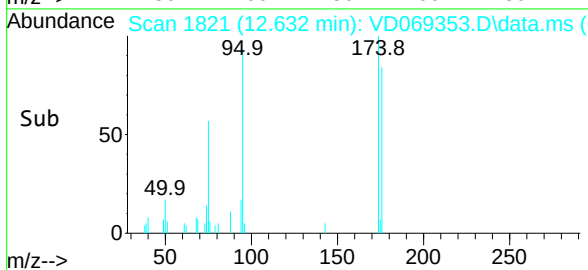
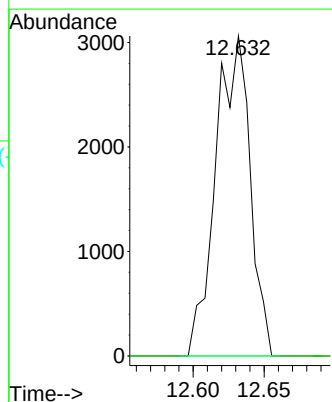
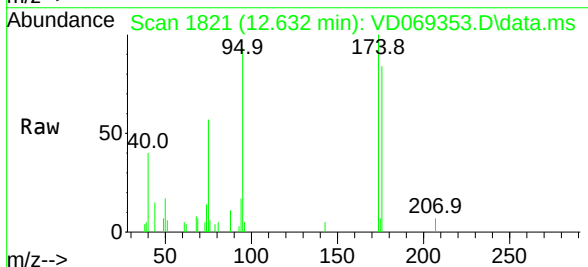
Instrument :
MSVOA_D
ClientSampleId :
17

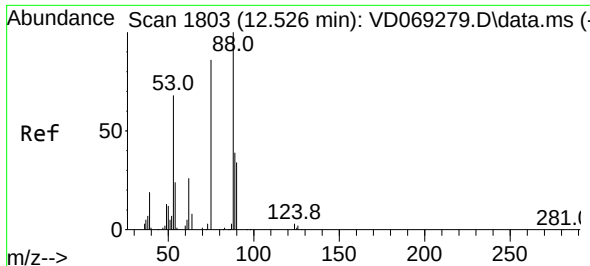
Tgt Ion:152 Resp: 10507
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.3
150 158.6 0.0 355.0



#76
1,2,3-Trichloropropane
Concen: 56.426 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.141 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

Tgt Ion: 75 Resp: 5151
Ion Ratio Lower Upper
75 100
77 0.0 183.8 551.2#

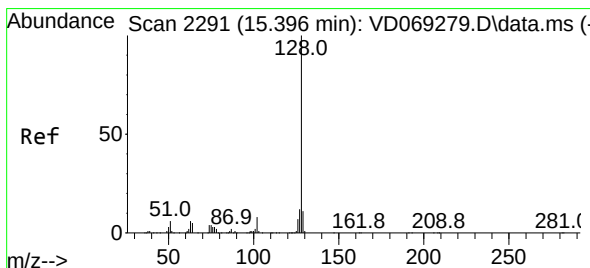
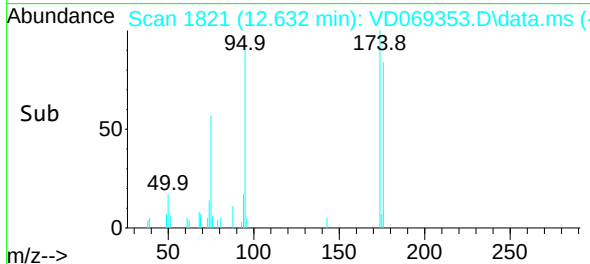
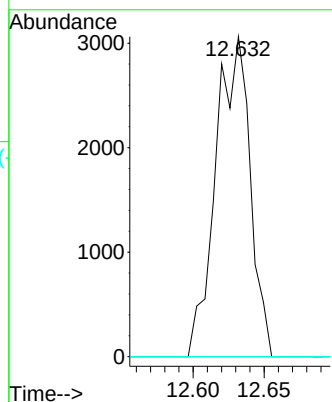
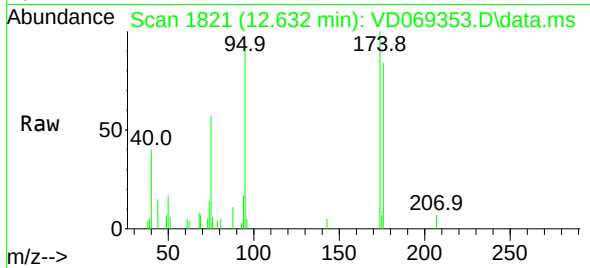




#81
trans-1,4-Dichloro-2-butene
Concen: 125.040 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

Instrument :
MSVOA_D
ClientSampled :
17

Tgt Ion: 75 Resp: 5151
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#



#95
Naphthalene
Concen: 3.661 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069353.D
Acq: 04 Jun 2021 18:41

Tgt Ion: 128 Resp: 138
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

