

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069346.D
 Acq On : 04 Jun 2021 15:23
 Operator : VA/SY
 Sample : M2611-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

Quant Time: Jun 05 00:35:25 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)

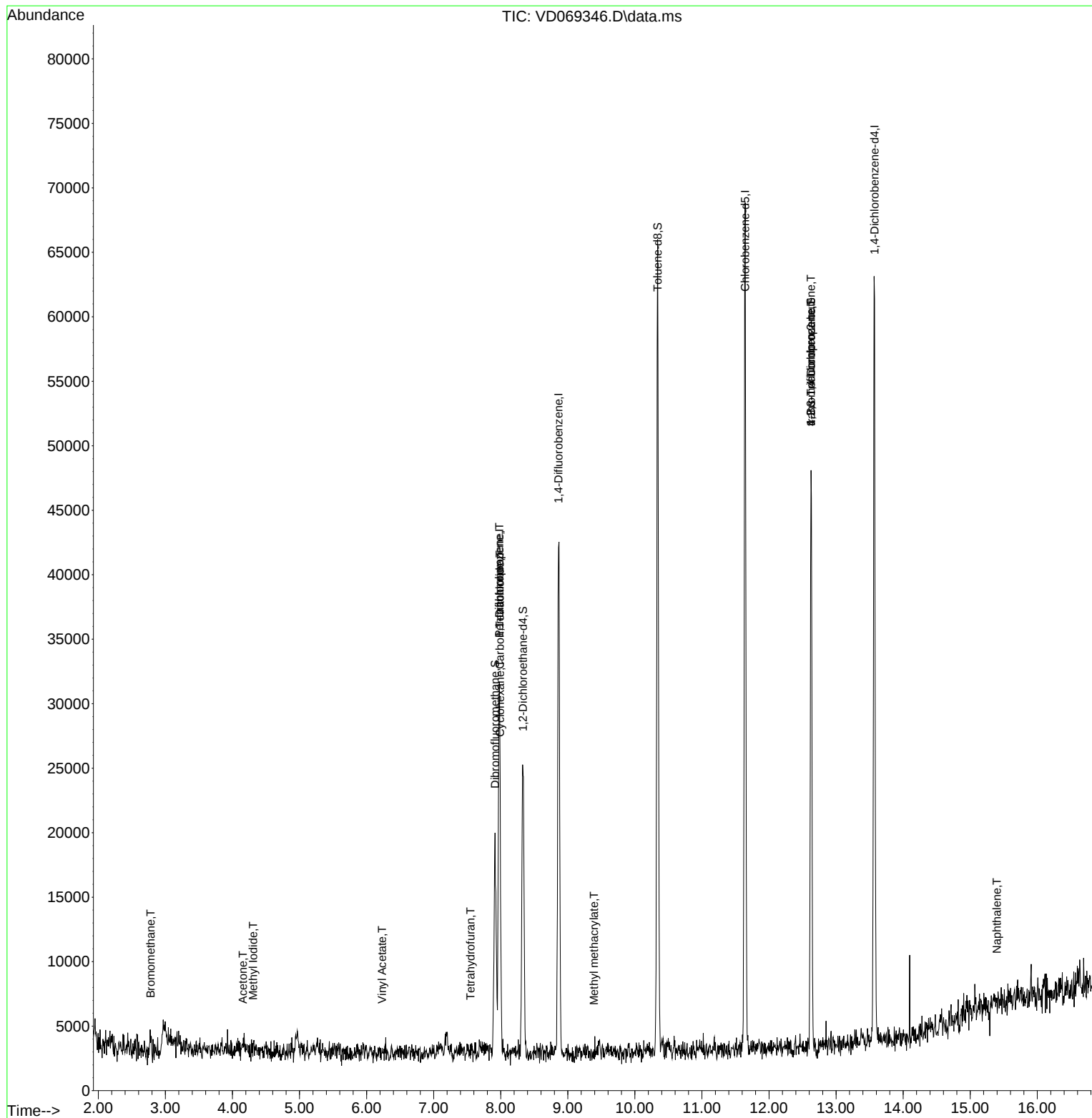
Internal Standards						
1) Pentafluorobenzene	7.979	168	22286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	35474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	39908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	16973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	19601	91.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 183.320%#			
35) Dibromofluoromethane	7.914	113	11778	52.871	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.740%			
50) Toluene-d8	10.338	98	42682	52.689	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.380%			
62) 4-Bromofluorobenzene	12.626	95	15488	58.349	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.700%			
Target Compounds			Qvalue			
5) Bromomethane	2.779	94	826	6.275	ug/l #	80
10) Methyl Iodide	4.309	142	402	4.024	ug/l #	57
16) Acetone	4.156	43	1093	29.290	ug/l #	40
20) Methylene Chloride	4.973	84	596	Below Cal	#	58
23) Vinyl Acetate	6.232	43	109	11.926	ug/l #	67
29) Tetrahydrofuran	7.550	42	125	4.429	ug/l #	27
31) Cyclohexane	7.991	56	458	1.348	ug/l #	50
36) 1,1-Dichloropropene	7.979	75	1850	5.365	ug/l #	41
38) Carbon Tetrachloride	7.985	117	2078	5.582	ug/l #	11
48) Methyl methacrylate	9.391	41	100	1.011	ug/l #	9
76) 1,2,3-Trichloropropane	12.626	75	7051	47.814	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	7051	105.956	ug/l #	18
95) Naphthalene	15.396	128	400	3.947	ug/l #	69

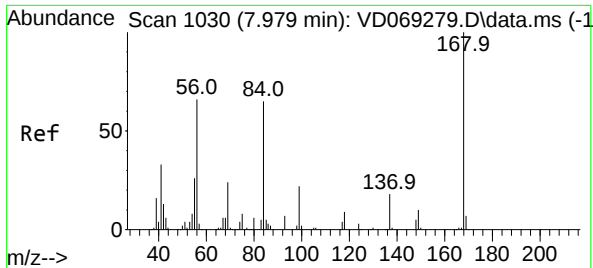
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
Data File : VD069346.D
Acq On : 04 Jun 2021 15:23
Operator : VA/SY
Sample : M2611-02
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
T-1A

Quant Time: Jun 05 00:35:25 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

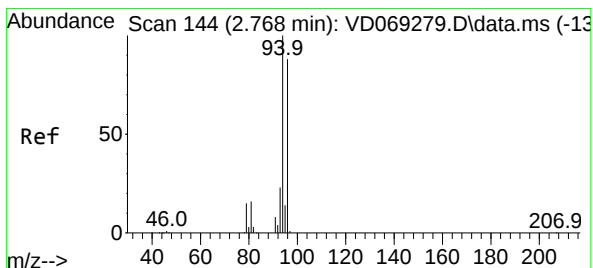
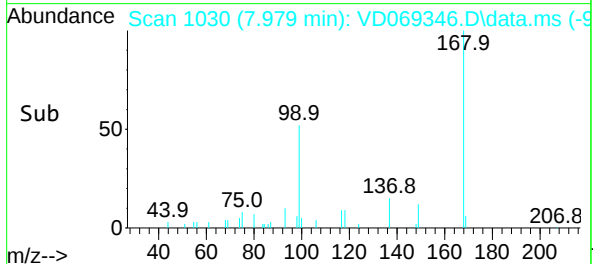
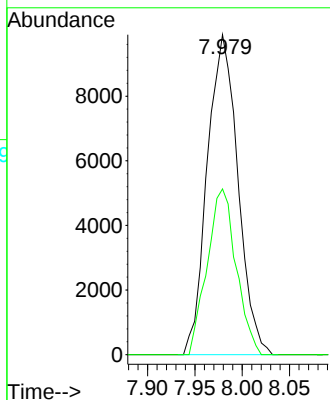
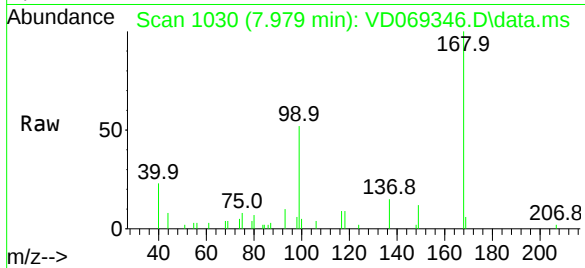




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

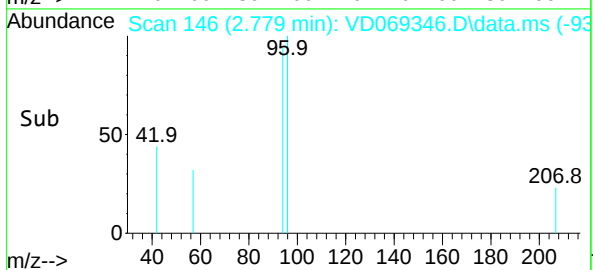
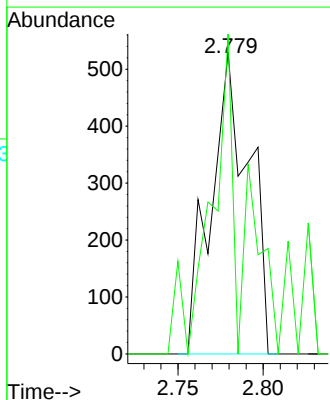
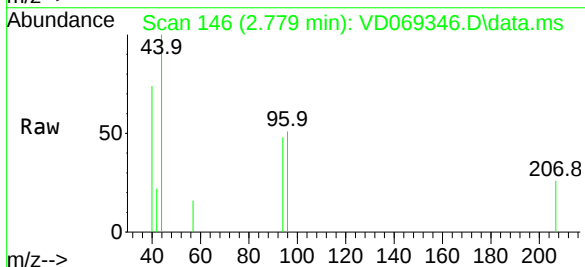
Instrument :
MSVOA_D
ClientSampled :
T-1A

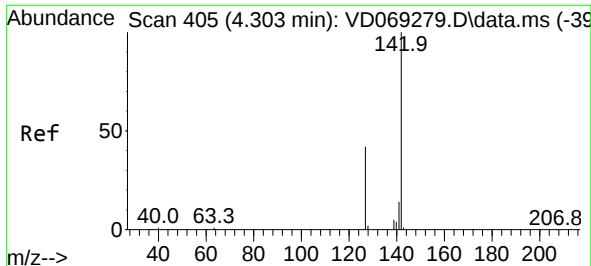
Tgt Ion:168 Resp: 22286
Ion Ratio Lower Upper
168 100
99 51.8 46.2 69.2



#5
Bromomethane
Concen: 6.275 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

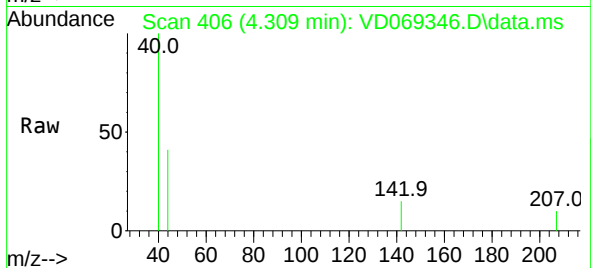
Tgt Ion: 94 Resp: 826
Ion Ratio Lower Upper
94 100
96 106.0 70.3 105.5#



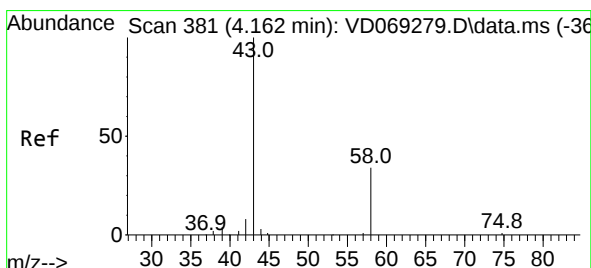
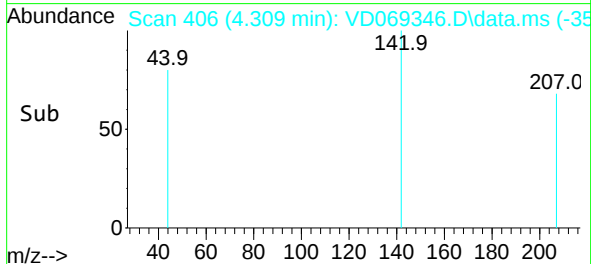
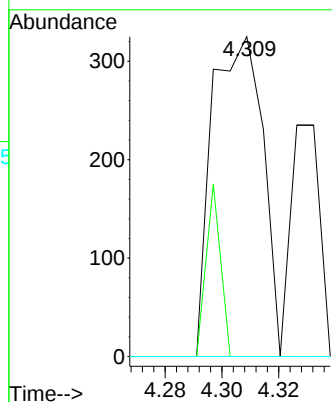


#10
Methyl Iodide
Concen: 4.024 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

Instrument :
MSVOA_D
ClientSampled :
T-1A

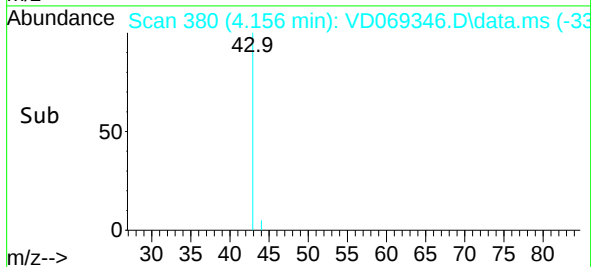
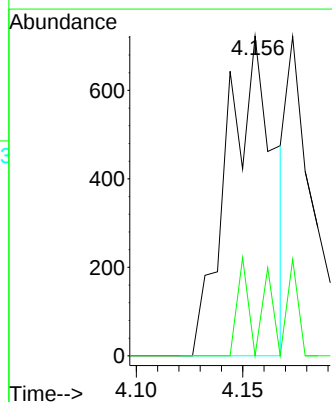
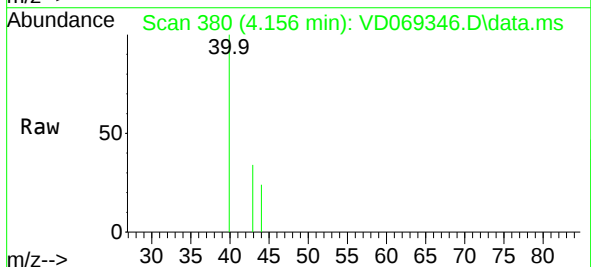


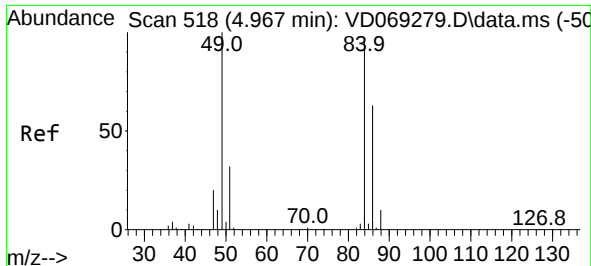
Tgt Ion:142 Resp: 402
Ion Ratio Lower Upper
142 100
127 15.4 36.2 54.2#
141 0.0 12.2 18.2#



#16
Acetone
Concen: 29.290 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 519

Delta R.T. 0.006 min

Lab File: VD069346.D

Acq: 04 Jun 2021 15:23

Instrument :

MSVOA_D

ClientSampled :

T-1A

Tgt Ion: 84 Resp: 596

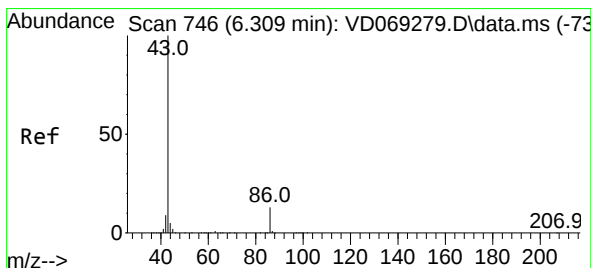
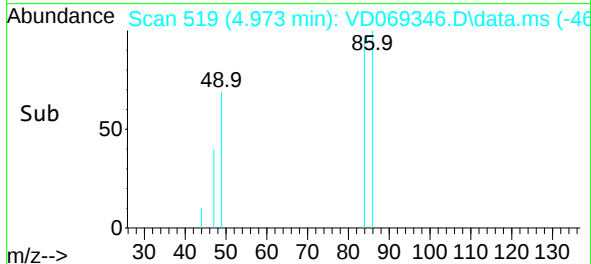
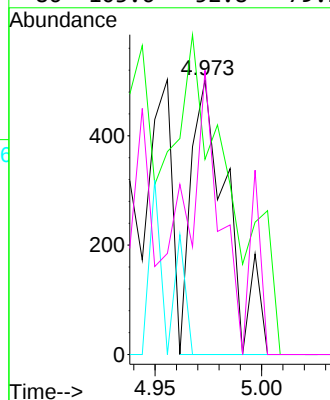
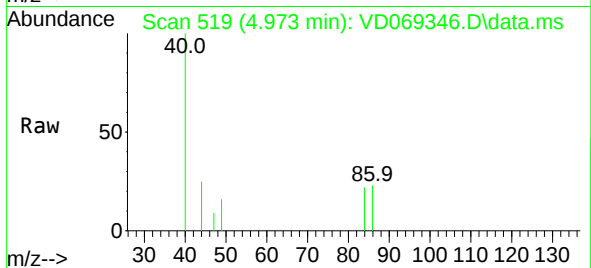
Ion Ratio Lower Upper

84 100

49 71.1 83.7 125.5#

51 0.0 26.4 39.6#

86 103.6 52.8 79.2#



#23

Vinyl Acetate

Concen: 11.926 ug/l

RT: 6.232 min Scan# 733

Delta R.T. -0.077 min

Lab File: VD069346.D

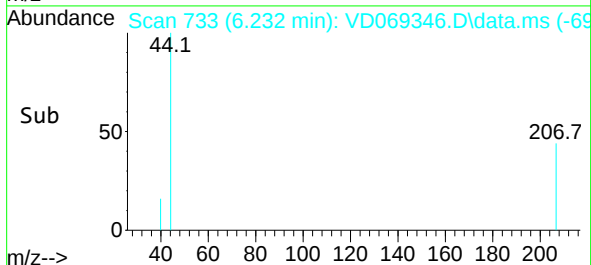
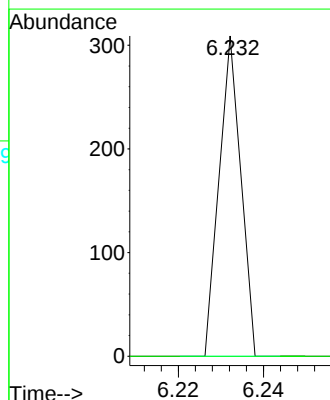
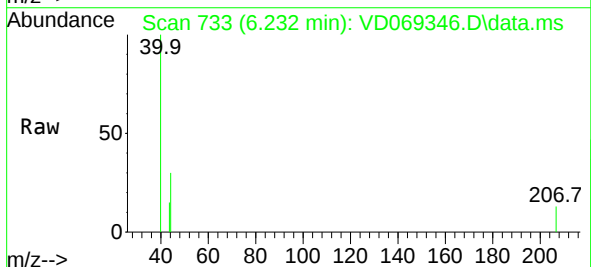
Acq: 04 Jun 2021 15:23

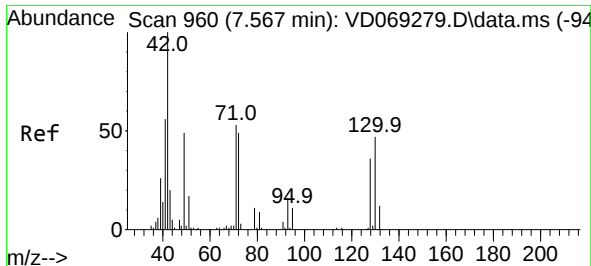
Tgt Ion: 43 Resp: 109

Ion Ratio Lower Upper

43 100

86 0.0 10.5 15.7#





#29

Tetrahydrofuran

Concen: 4.429 ug/l

RT: 7.550 min Scan# 957

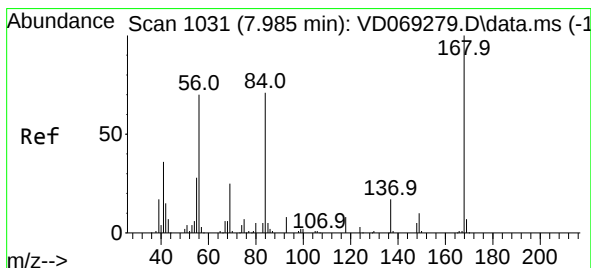
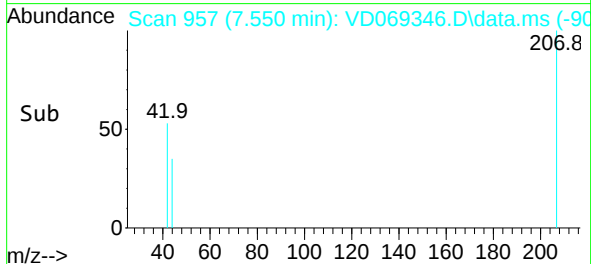
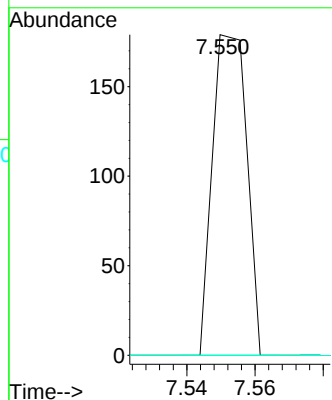
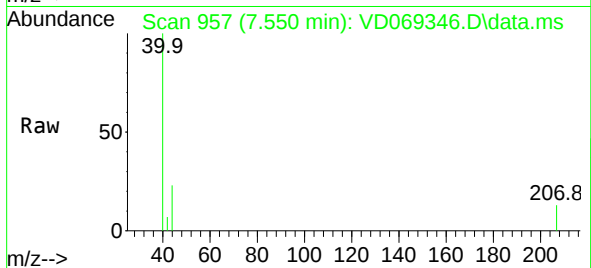
Delta R.T. -0.018 min

Lab File: VD069346.D

Acq: 04 Jun 2021 15:23

Instrument :
MSVOA_D
ClientSampled :
T-1A

Tgt Ion:	42	Resp:	125
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.0	61.6#
71	0.0	38.9	58.3#



#31

Cyclohexane

Concen: 1.348 ug/l

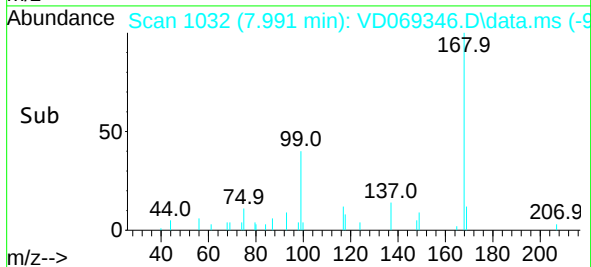
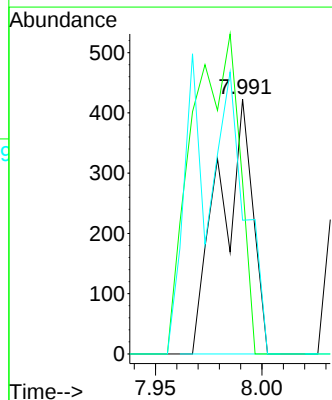
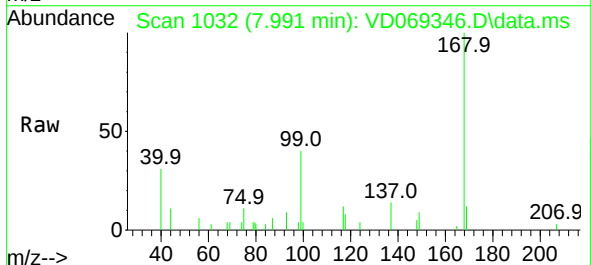
RT: 7.991 min Scan# 1032

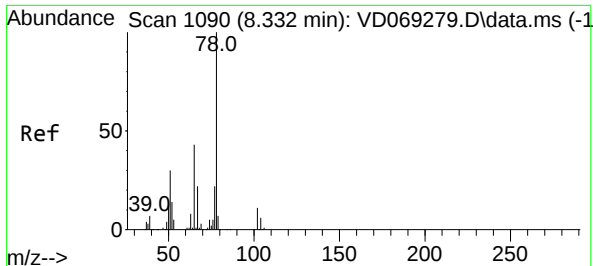
Delta R.T. 0.006 min

Lab File: VD069346.D

Acq: 04 Jun 2021 15:23

Tgt Ion:	56	Resp:	458
Ion	Ratio	Lower	Upper
56	100		
69	67.4	29.0	43.4#
84	52.5	81.1	121.7#



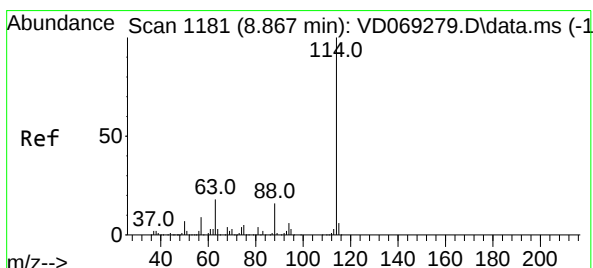
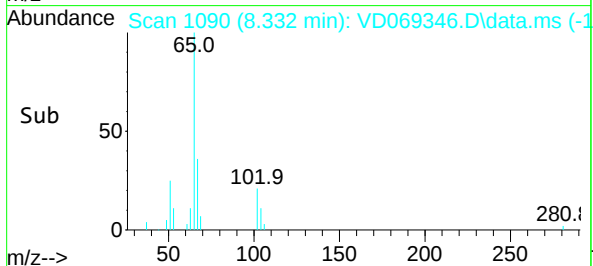
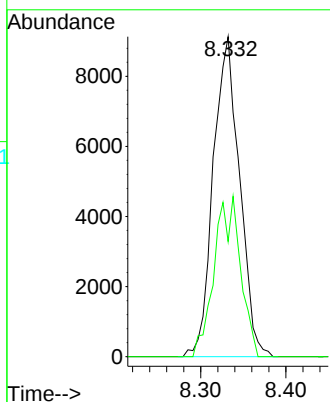
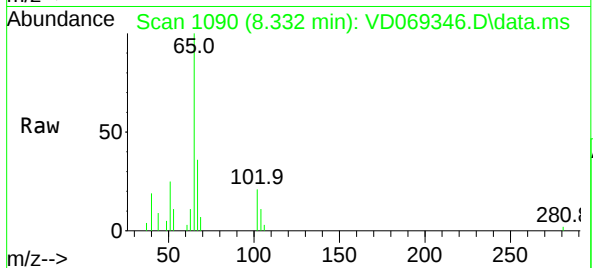


#33
 1,2-Dichloroethane-d4
 Concen: 91.663 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD069346.D
 Acq: 04 Jun 2021 15:23

Instrument :
 MSVOA_D
 ClientSampled :
 T-1A

Tgt Ion: 65 Resp: 19601

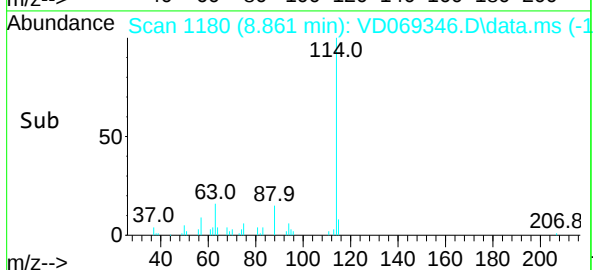
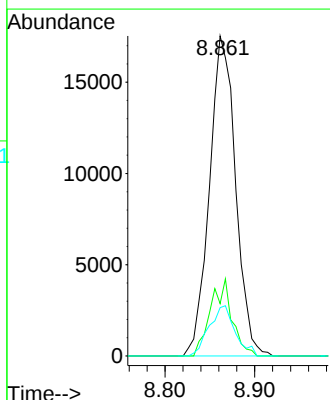
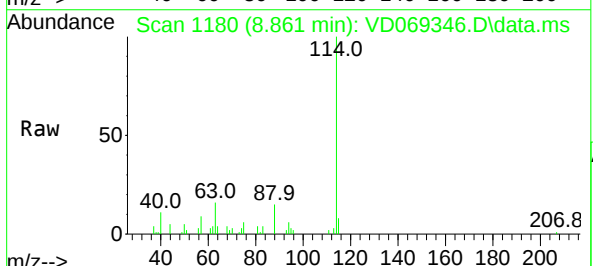
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	105.8

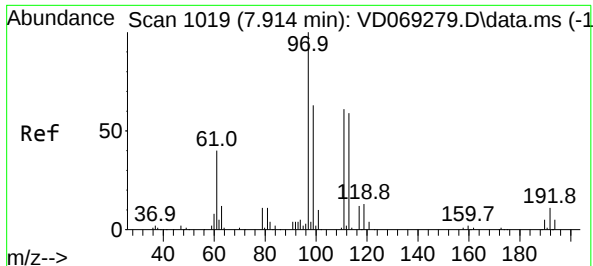


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: VD069346.D
 Acq: 04 Jun 2021 15:23

Tgt Ion: 114 Resp: 35474

Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	35.6
88	15.1	0.0	31.2





#35

Dibromofluoromethane

Concen: 52.871 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069346.D

Acq: 04 Jun 2021 15:23

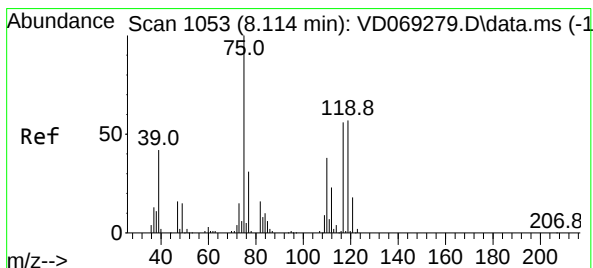
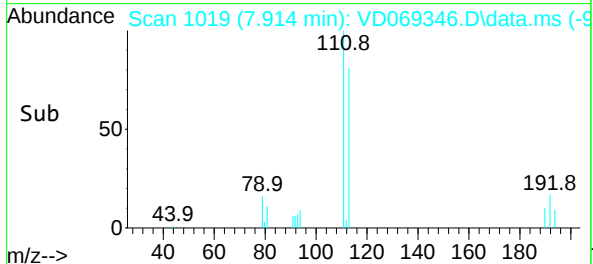
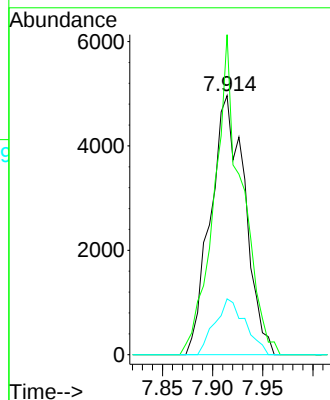
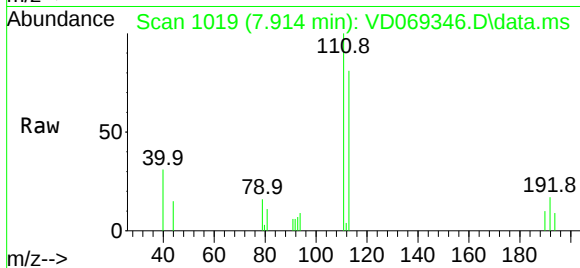
Tgt Ion:113 Resp: 11778

Ion Ratio Lower Upper

113 100

111 100.4 83.0 124.6

192 19.1 15.1 22.7



#36

1,1-Dichloropropene

Concen: 5.365 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD069346.D

Acq: 04 Jun 2021 15:23

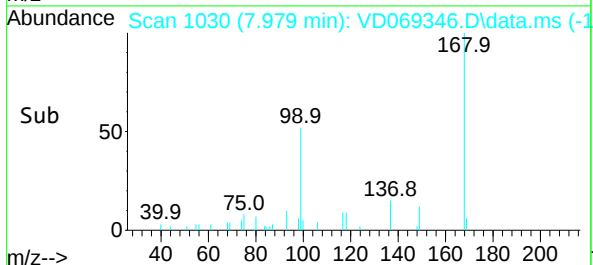
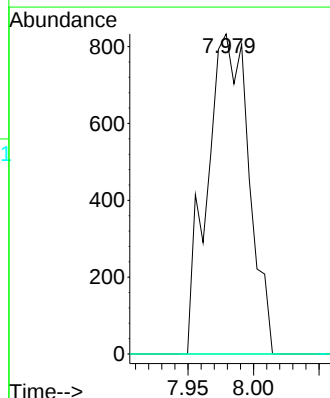
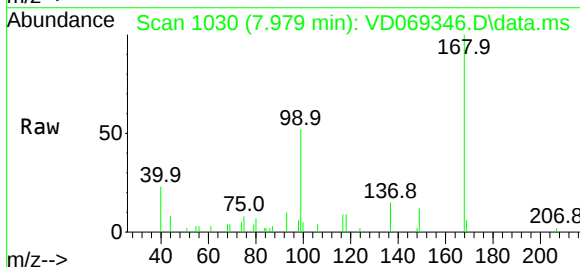
Tgt Ion: 75 Resp: 1850

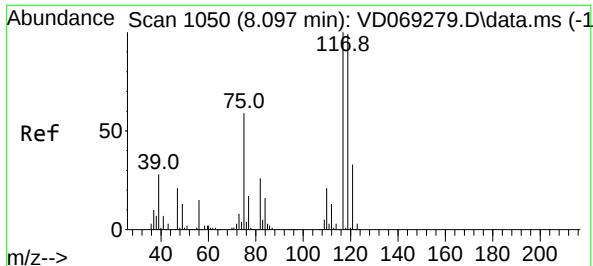
Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.2#

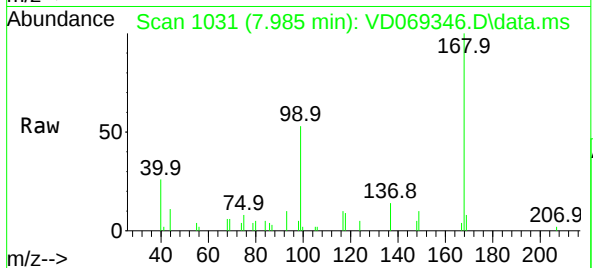
77 0.0 24.9 37.3#



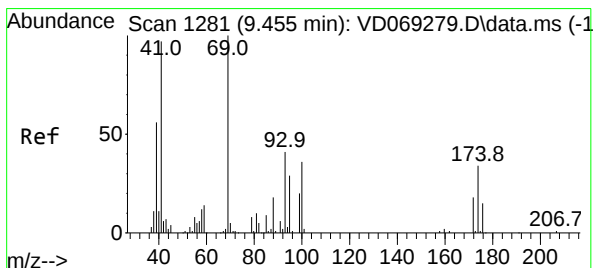
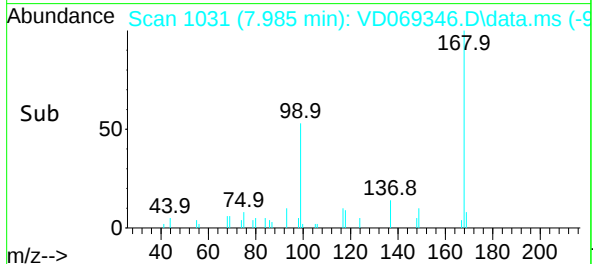
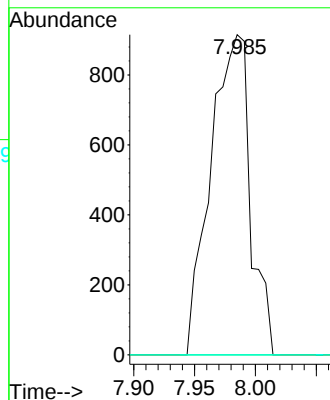


#38
Carbon Tetrachloride
Concen: 5.582 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

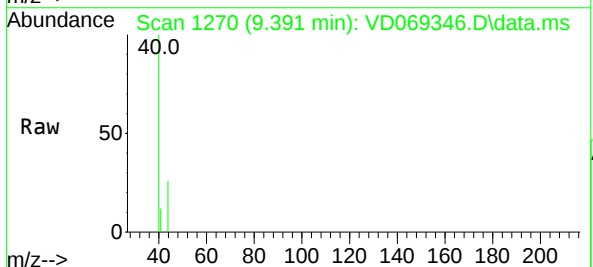
Instrument :
MSVOA_D
ClientSampled :
T-1A



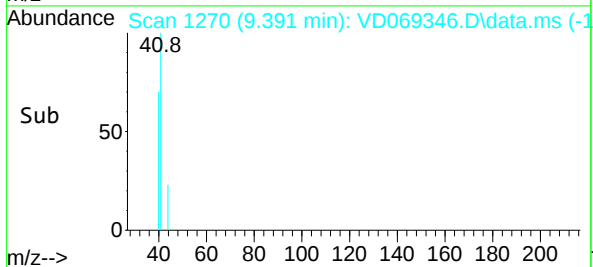
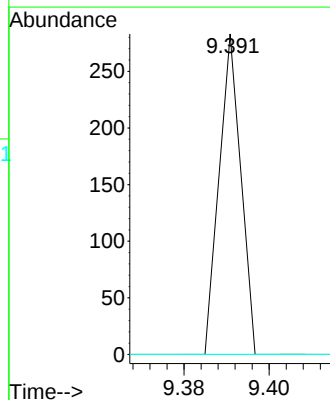
Tgt Ion: 117 Resp: 2078
Ion Ratio Lower Upper
117 100
119 0.0 79.4 119.2#
121 0.0 26.1 39.1#

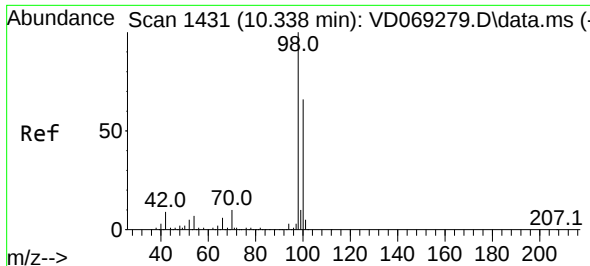


#48
Methyl methacrylate
Concen: 1.011 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.065 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23



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

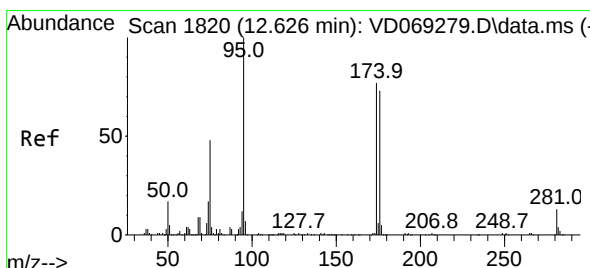
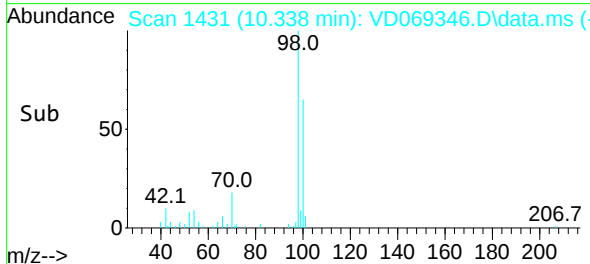
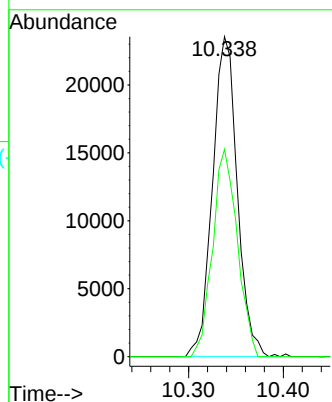
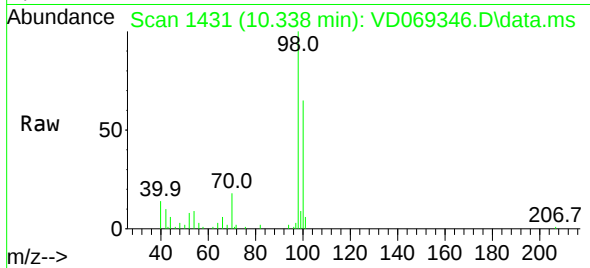




#50
Toluene-d8
Concen: 52.689 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

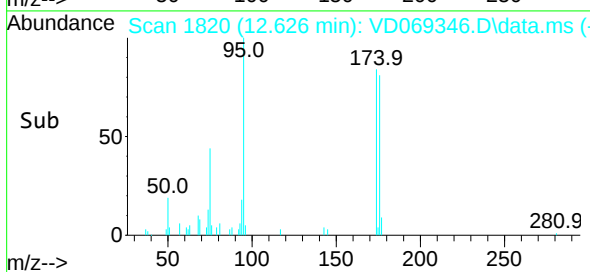
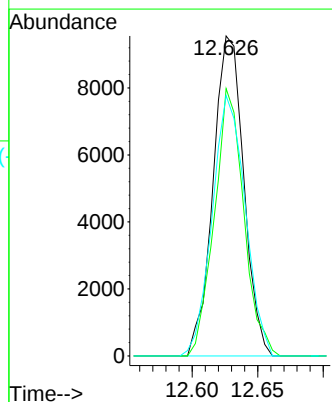
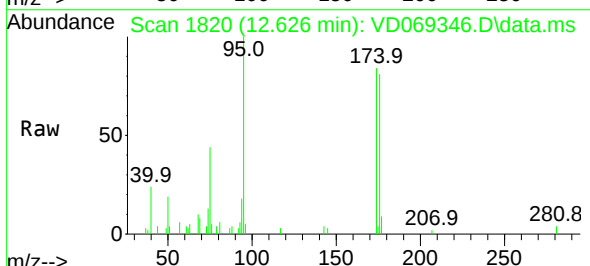
Instrument :
MSVOA_D
ClientSampled :
T-1A

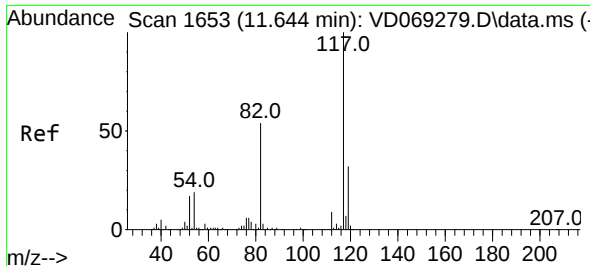
Tgt Ion: 98 Resp: 42682
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 58.349 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

Tgt Ion: 95 Resp: 15488
Ion Ratio Lower Upper
95 100
174 80.3 0.0 162.8
176 87.7 0.0 154.4

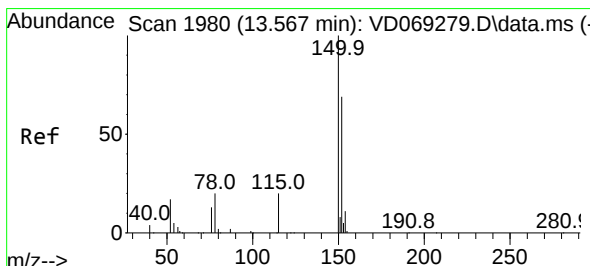
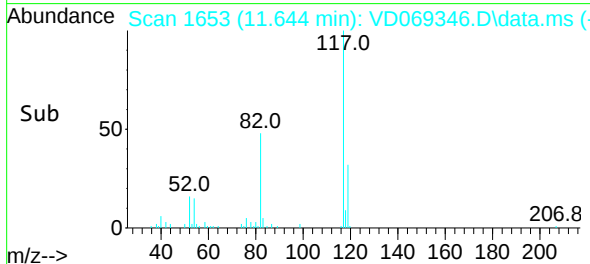
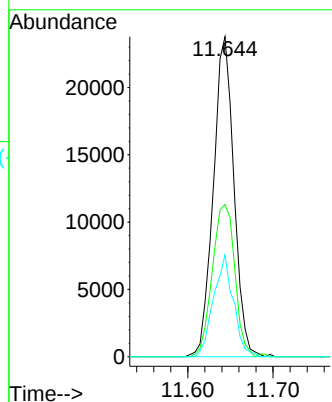
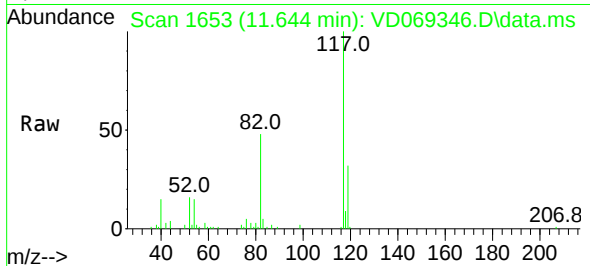




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

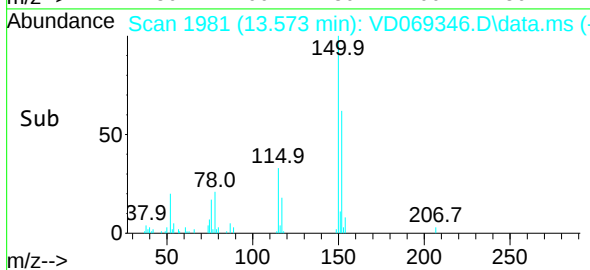
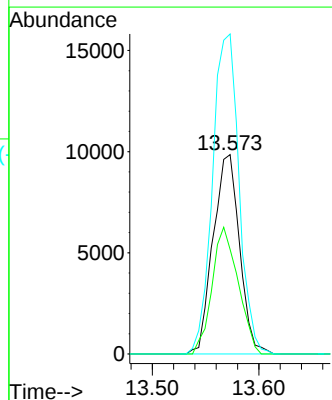
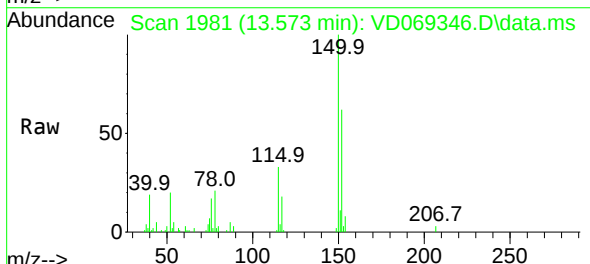
Instrument :
MSVOA_D
ClientSampled :
T-1A

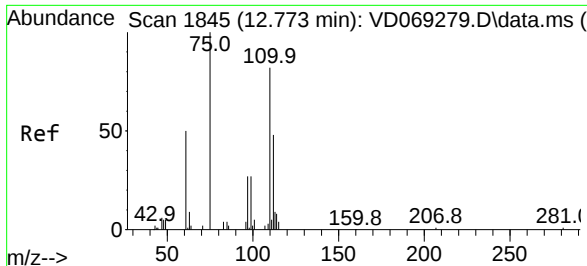
Tgt Ion:	117	Resp:	39908
Ion	Ratio	Lower	Upper
117	100		
82	47.5	43.3	64.9
119	31.8	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

Tgt Ion:	152	Resp:	16973
Ion	Ratio	Lower	Upper
152	100		
115	62.6	29.4	88.3
150	160.7	0.0	355.0

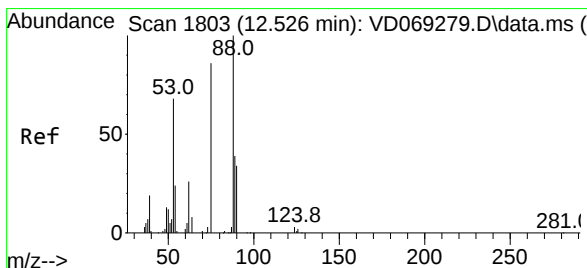
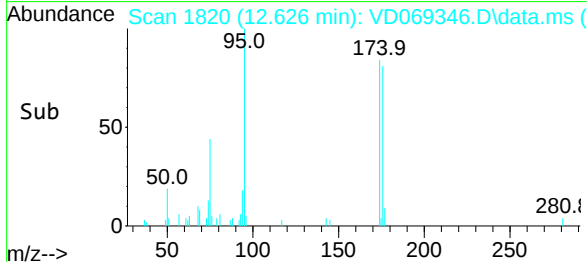
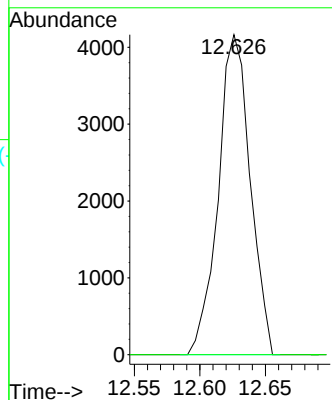
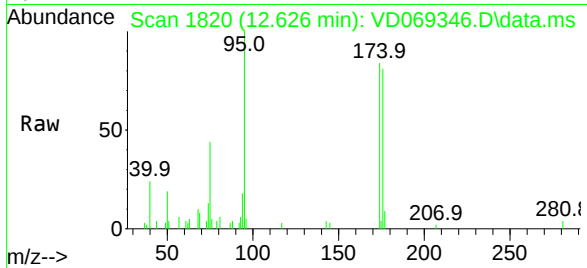




#76
1,2,3-Trichloropropane
Concen: 47.814 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

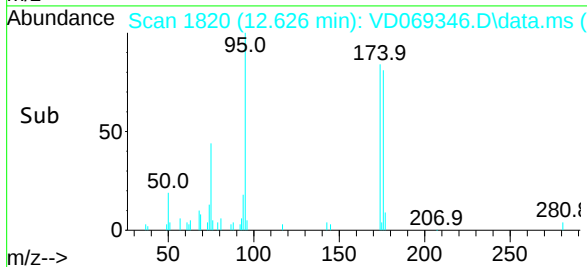
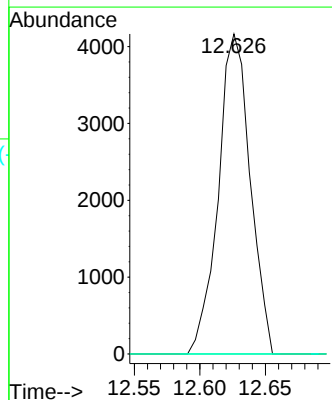
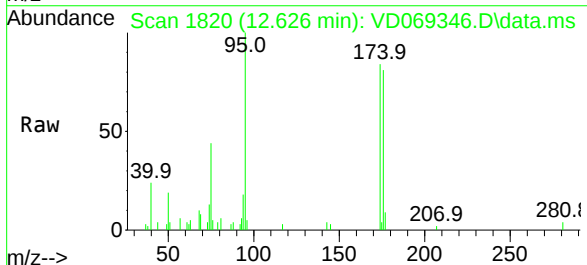
Instrument :
MSVOA_D
ClientSampleId :
T-1A

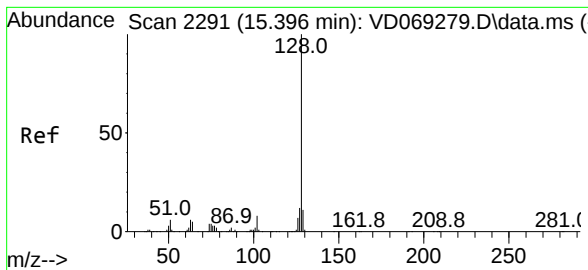
Tgt Ion: 75 Resp: 7051
Ion Ratio Lower Upper
75 100
77 0.0 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.956 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

Tgt Ion: 75 Resp: 7051
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 3.947 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069346.D
Acq: 04 Jun 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
T-1A

Tgt Ion:128 Resp: 400
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.8 13.2#

