

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069767.D
 Acq On : 20 Jul 2021 13:56
 Operator : VA/SY
 Sample : M3043-02
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 21 03:25:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

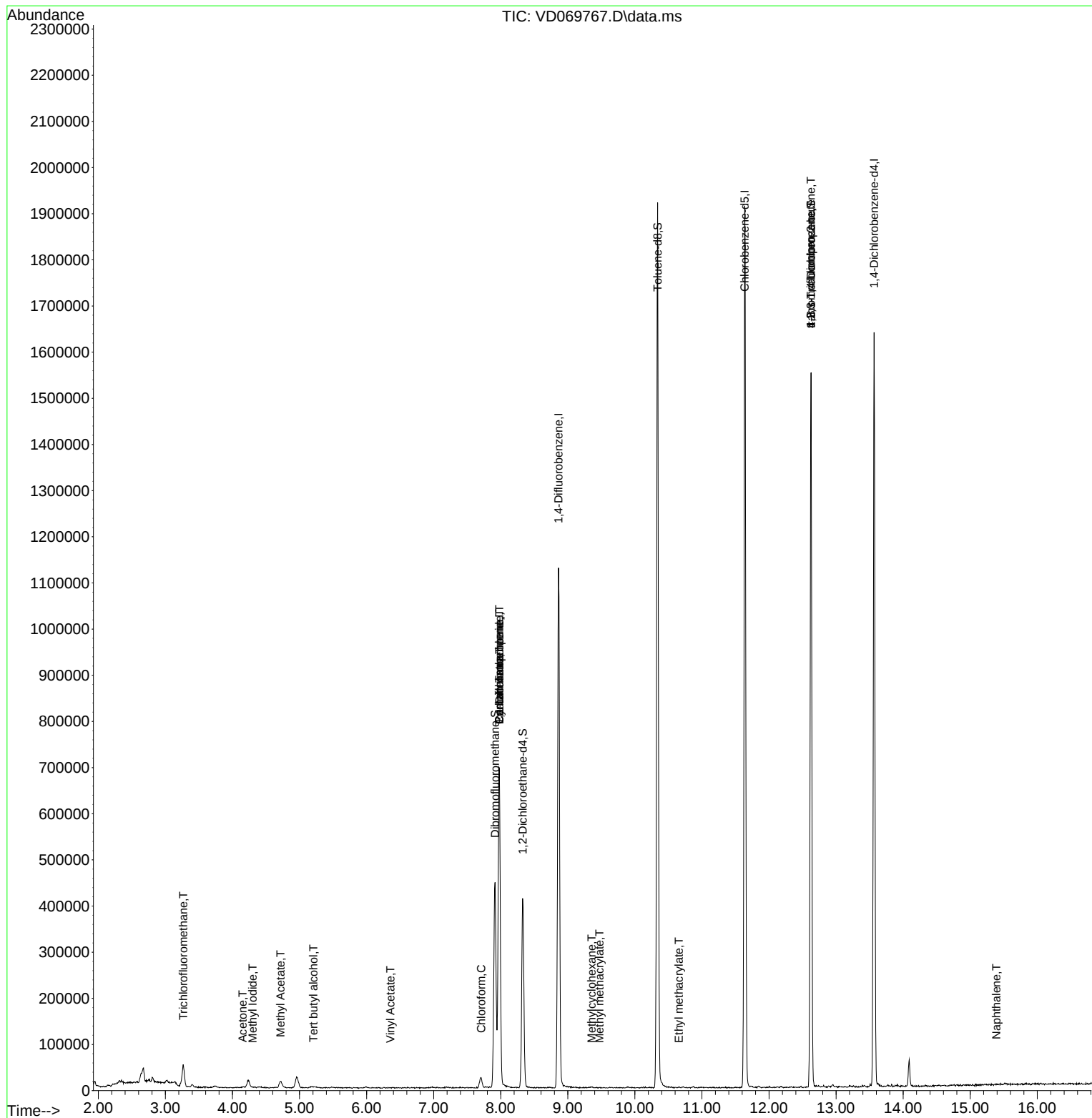
Internal Standards						
1) Pentafluorobenzene	7.979	168	491808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	970944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1091853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	427584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	324347	52.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.640%	
35) Dibromofluoromethane	7.914	113	336185	51.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.338	98	1279854	50.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.626	95	489137	57.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	1655	Below Cal	#	86
5) Bromomethane	2.756	94	4806	Below Cal		88
7) Trichlorofluoromethane	3.268	101	48389	5.129	ug/l	98
10) Methyl Iodide	4.303	142	2284	2.824	ug/l #	69
11) Tert butyl alcohol	5.209	59	3034	3.698	ug/l #	79
16) Acetone	4.150	43	1065	13.890	ug/l #	39
18) Methyl Acetate	4.715	43	29527	4.252	ug/l	92
20) Methylene Chloride	4.962	84	18239	Below Cal		95
23) Vinyl Acetate	6.356	43	189	15.443	ug/l #	72
30) Chloroform	7.709	83	12659	1.062	ug/l	95
31) Cyclohexane	7.979	56	12320	1.574	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	45464	4.539	ug/l #	49
38) Carbon Tetrachloride	7.979	117	54726	5.966	ug/l #	16
39) Methylcyclohexane	9.355	83	620	2.008	ug/l	90
48) Methyl methacrylate	9.473	41	67	1.121	ug/l #	13
56) Ethyl methacrylate	10.655	69	87	1.677	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	241826	58.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	241826	156.456	ug/l #	14
95) Naphthalene	15.390	128	850	2.265	ug/l #	69

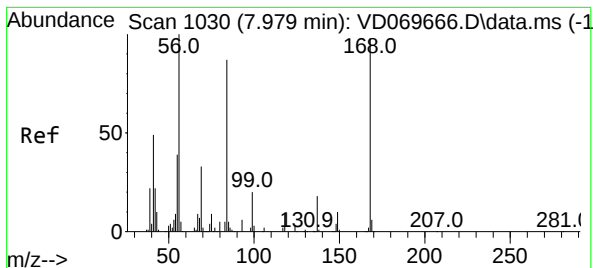
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
Data File : VD069767.D
Acq On : 20 Jul 2021 13:56
Operator : VA/SY
Sample : M3043-02
Misc : 6.33G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 21 03:25:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 14 06:00:31 2021
Response via : Initial Calibration

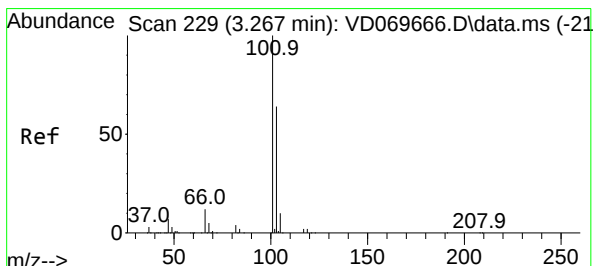
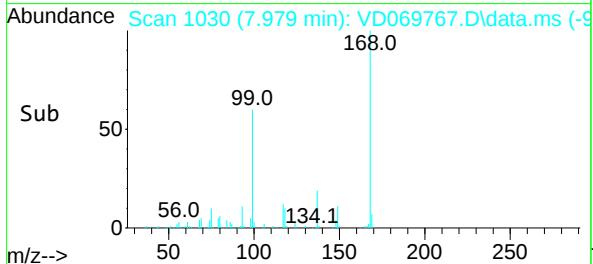
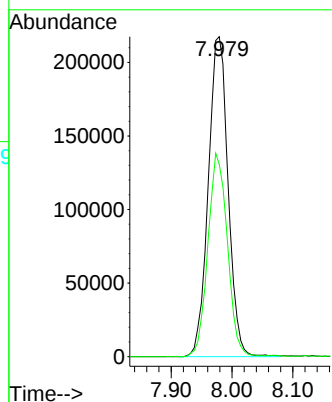
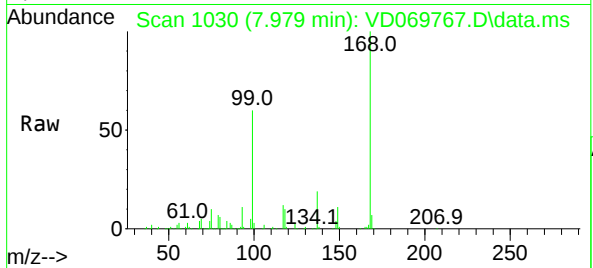




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

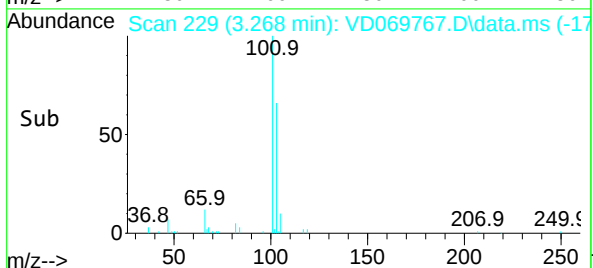
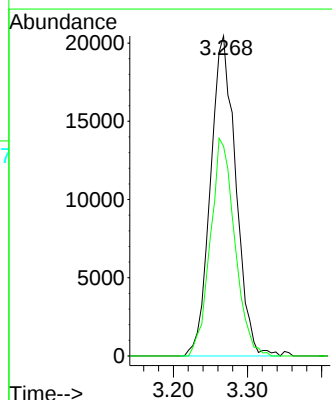
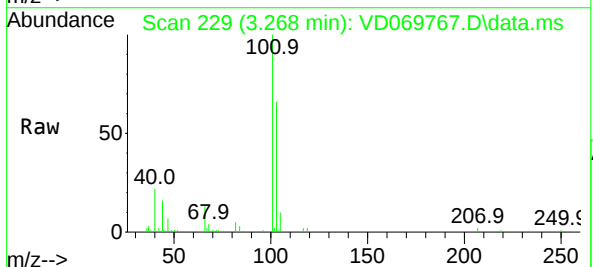
Instrument :
MSVOA_D
ClientSampleId :

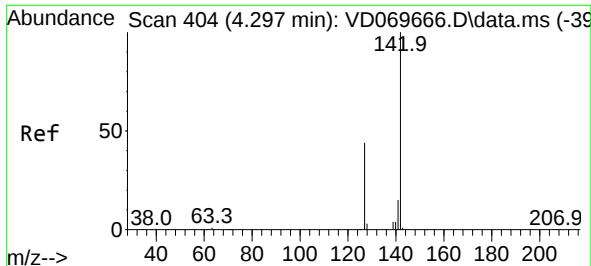
Tgt Ion:168 Resp: 491808
Ion Ratio Lower Upper
168 100
99 60.2 51.8 77.6



#7
Trichlorofluoromethane
Concen: 5.129 ug/l
RT: 3.268 min Scan# 229
Delta R.T. 0.001 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

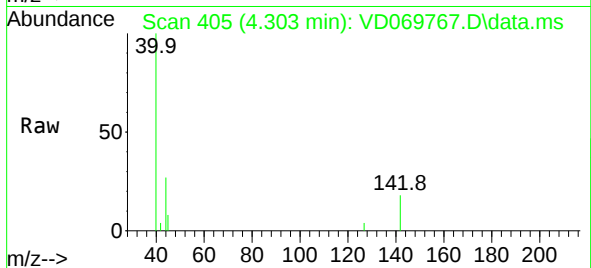
Tgt Ion:101 Resp: 48389
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



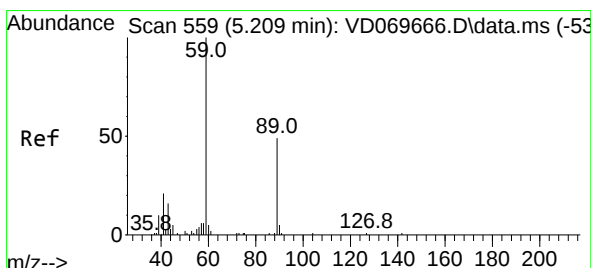
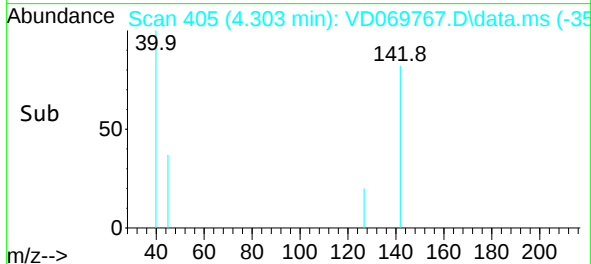
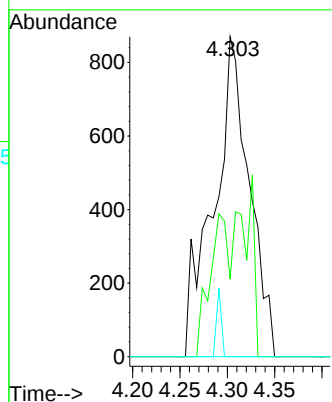


#10
Methyl Iodide
Concen: 2.824 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :

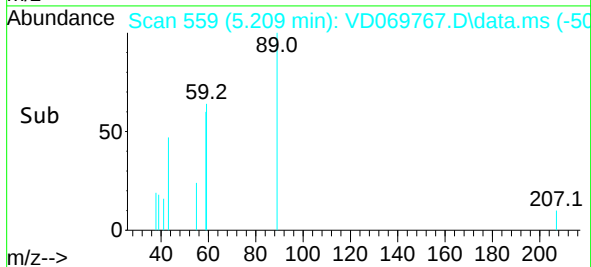
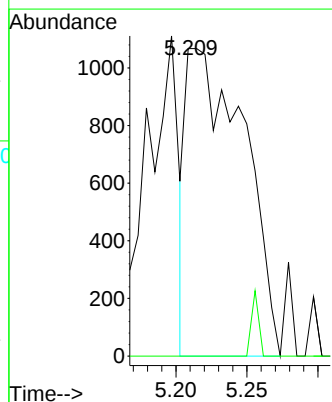
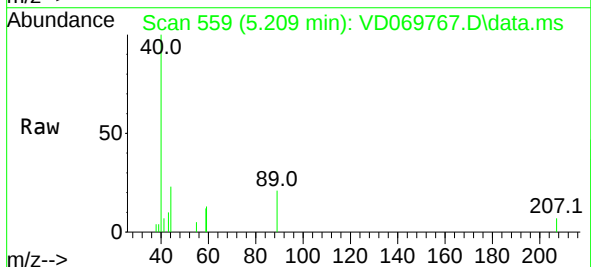


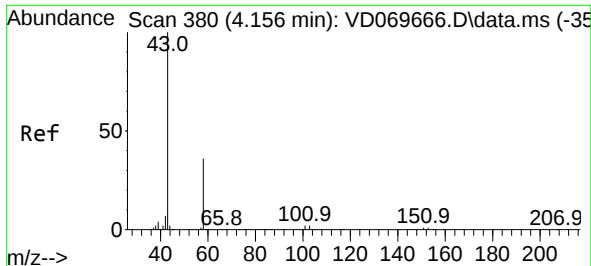
Tgt Ion:142 Resp: 2284
Ion Ratio Lower Upper
142 100
127 24.3 36.1 54.1#
141 2.9 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.698 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.000 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

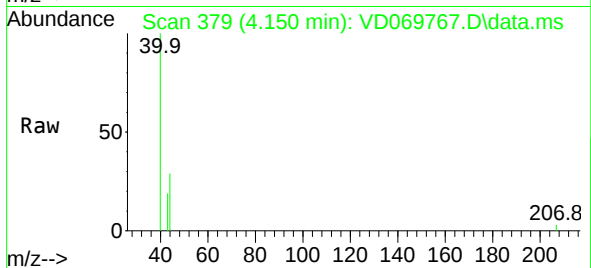
Tgt Ion: 59 Resp: 3034
Ion Ratio Lower Upper
59 100
57 0.0 5.7 8.5#



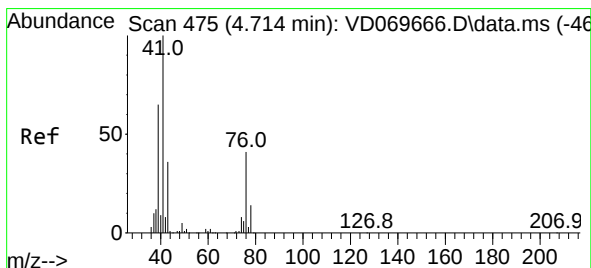
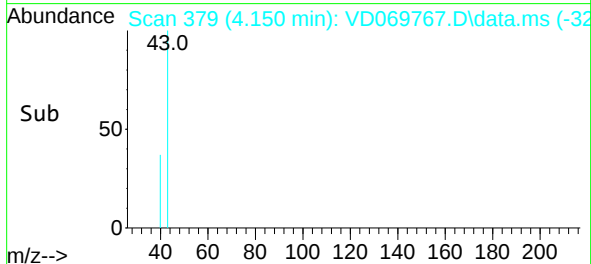
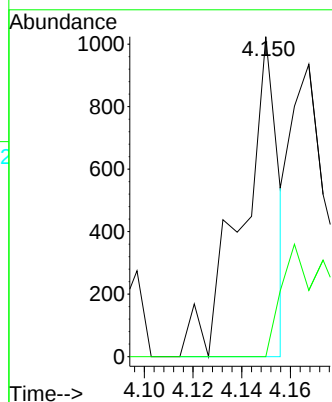


#16
Acetone
Concen: 13.890 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :

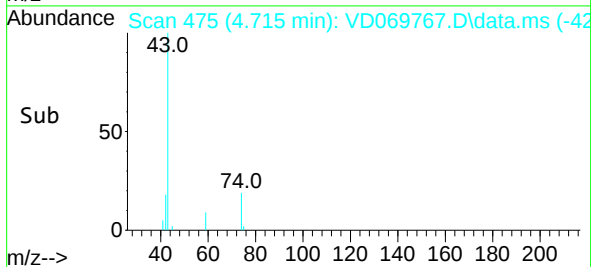
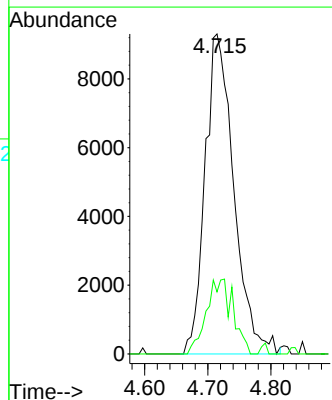
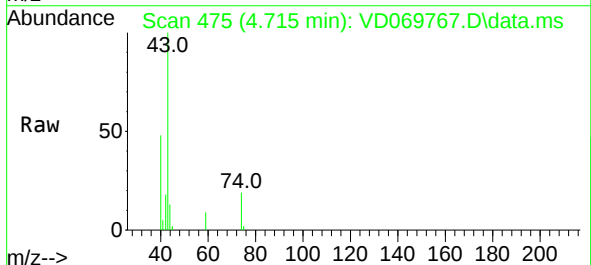


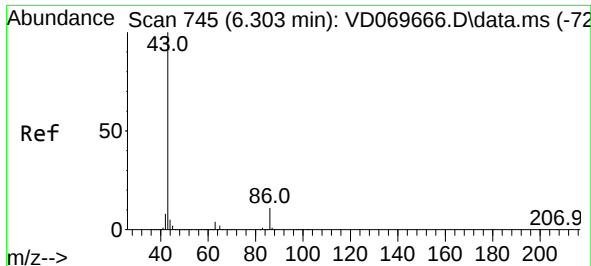
Tgt Ion: 43 Resp: 1065
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#



#18
Methyl Acetate
Concen: 4.252 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

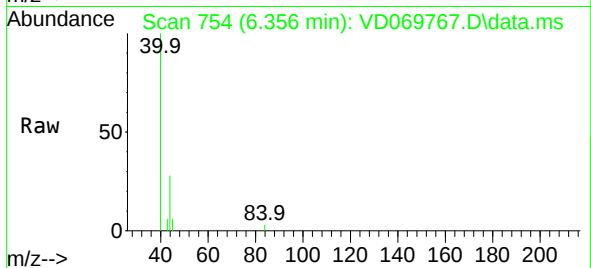
Tgt Ion: 43 Resp: 29527
Ion Ratio Lower Upper
43 100
74 21.6 20.6 30.8



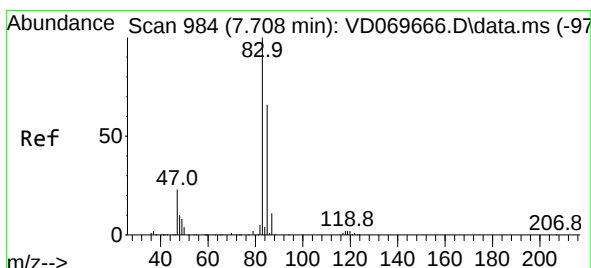
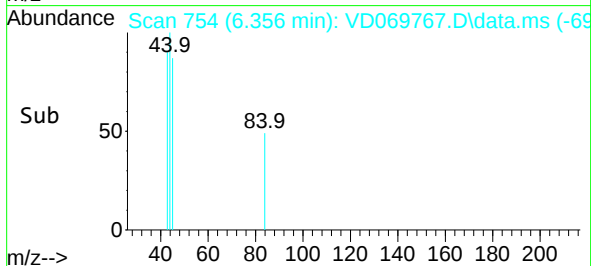
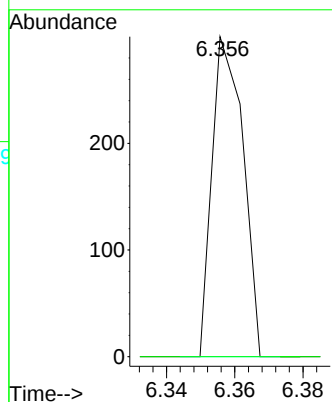


#23
 Vinyl Acetate
 Concen: 15.443 ug/l
 RT: 6.356 min Scan# 754
 Delta R.T. 0.053 min
 Lab File: VD069767.D
 Acq: 20 Jul 2021 13:56

Instrument :
 MSVOA_D
 ClientSampleId :

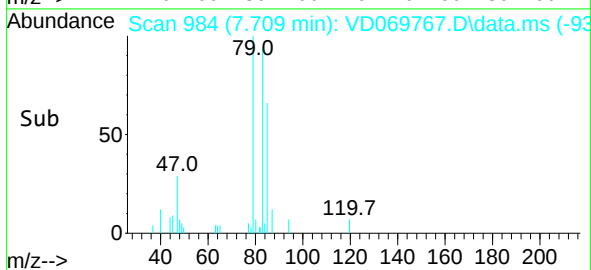
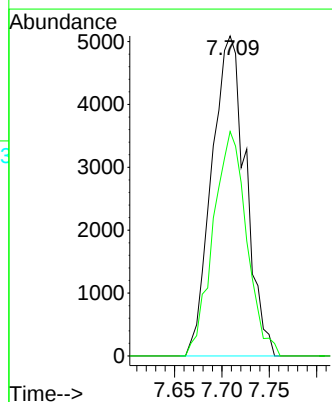
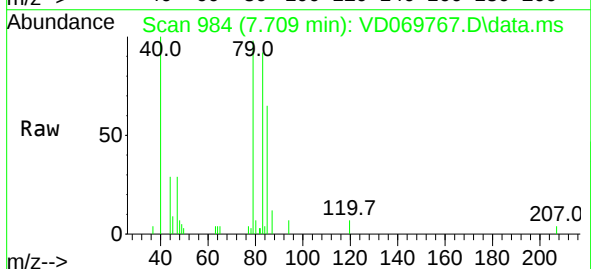


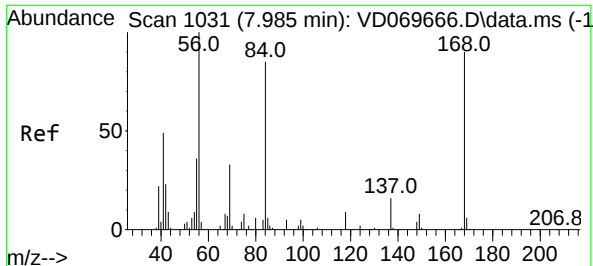
Tgt Ion: 43 Resp: 189
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#30
 Chloroform
 Concen: 1.062 ug/l
 RT: 7.709 min Scan# 984
 Delta R.T. 0.001 min
 Lab File: VD069767.D
 Acq: 20 Jul 2021 13:56

Tgt Ion: 83 Resp: 12659
 Ion Ratio Lower Upper
 83 100
 85 70.2 53.0 79.4

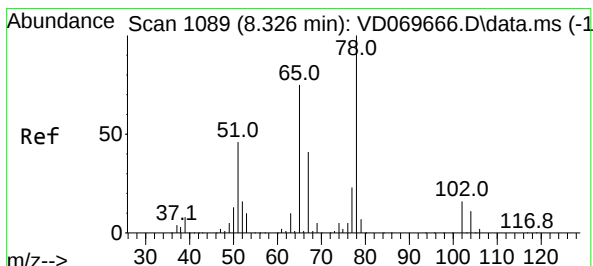
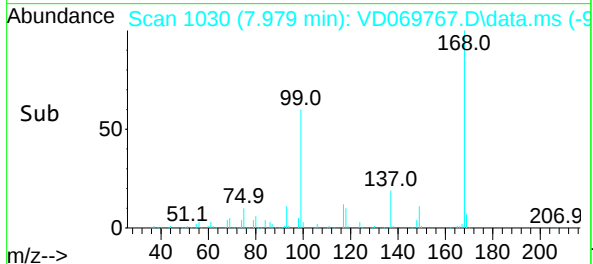
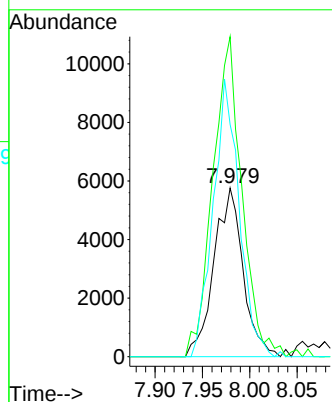
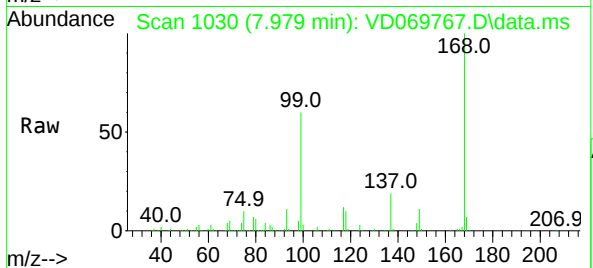




#31
Cyclohexane
Concen: 1.574 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

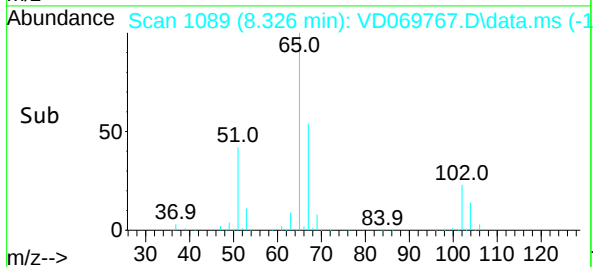
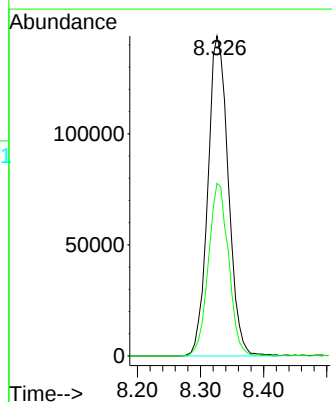
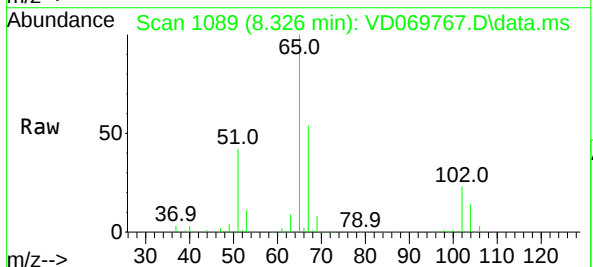
Instrument :
MSVOA_D
ClientSampleId :

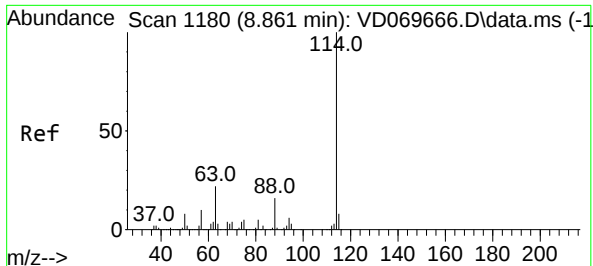
Tgt Ion: 56 Resp: 12320
Ion Ratio Lower Upper
56 100
69 189.8 26.6 39.8#
84 137.7 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 52.818 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Tgt Ion: 65 Resp: 324347
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD069767.D

Acq: 20 Jul 2021 13:56

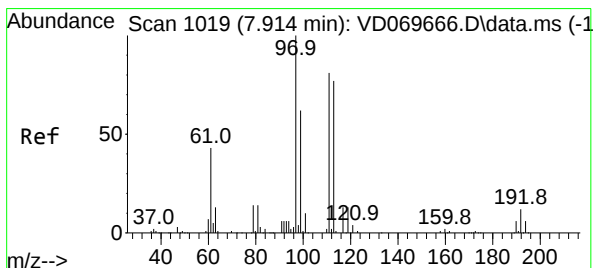
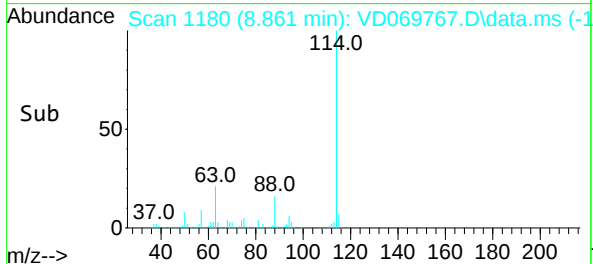
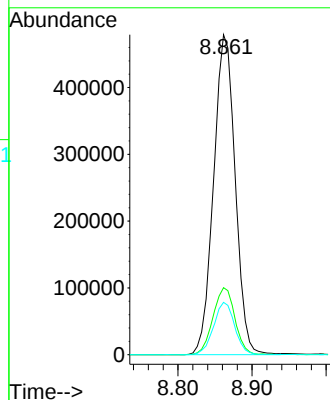
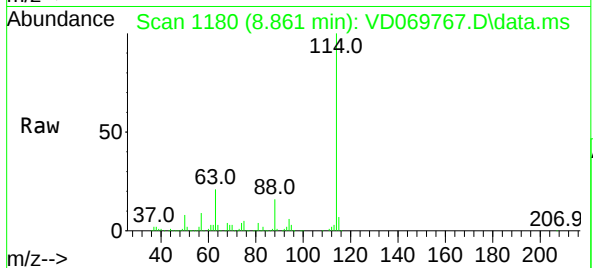
Tgt Ion:114 Resp: 970944

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.4

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 51.610 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069767.D

Acq: 20 Jul 2021 13:56

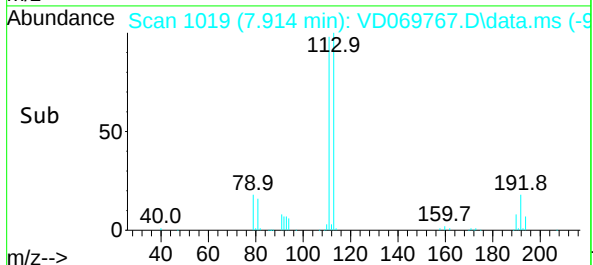
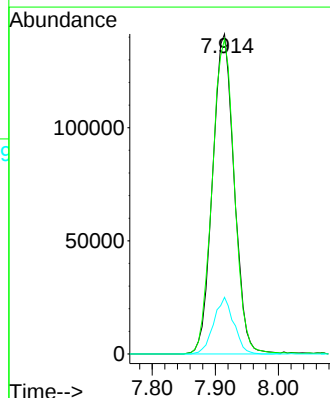
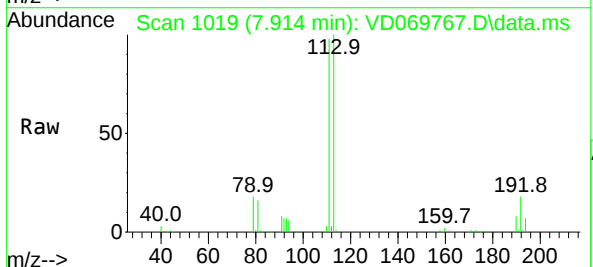
Tgt Ion:113 Resp: 336185

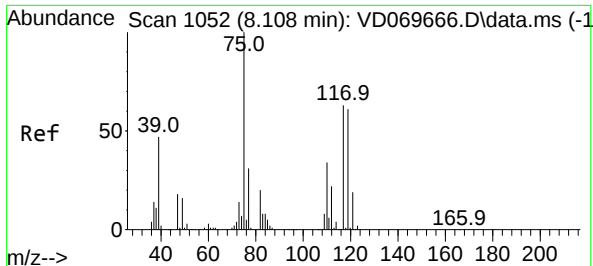
Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

192 16.4 12.7 19.1



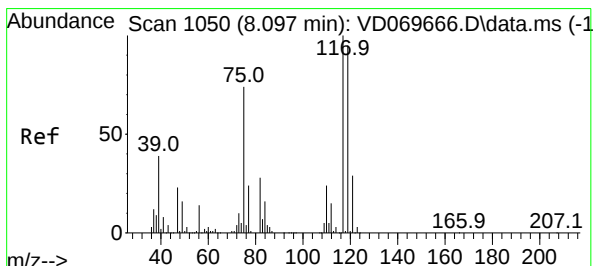
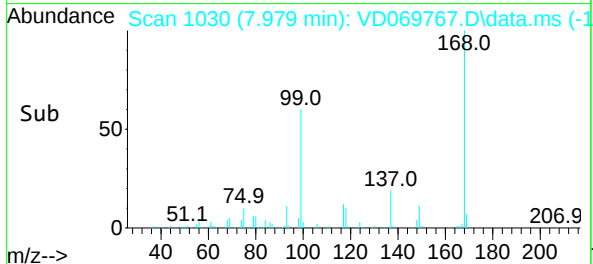
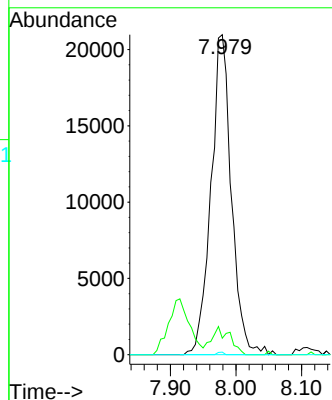
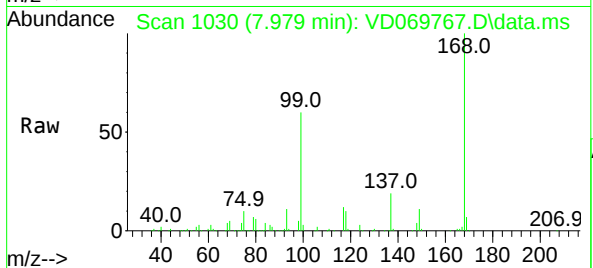


#36

1,1-Dichloropropene
Concen: 4.539 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Instrument :
MSVOA_D
ClientSampled :

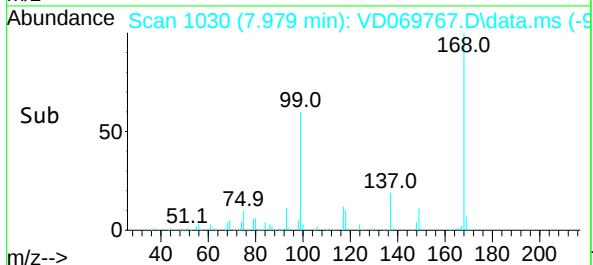
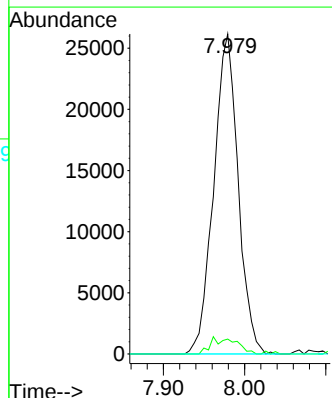
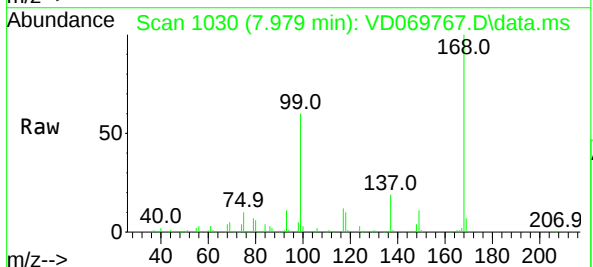
Tgt Ion: 75 Resp: 45464
Ion Ratio Lower Upper
75 100
110 7.9 16.7 50.0#
77 0.3 25.3 37.9#

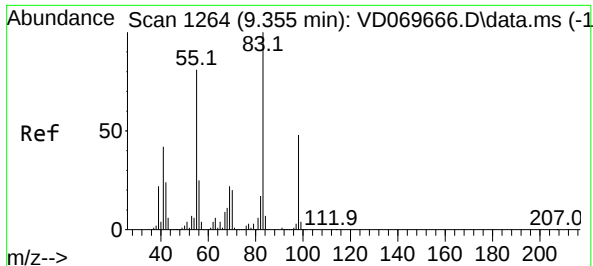


#38

Carbon Tetrachloride
Concen: 5.966 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Tgt Ion: 117 Resp: 54726
Ion Ratio Lower Upper
117 100
119 4.7 75.7 113.5#
121 0.0 23.0 34.6#





#39

Methylcyclohexane

Concen: 2.008 ug/l

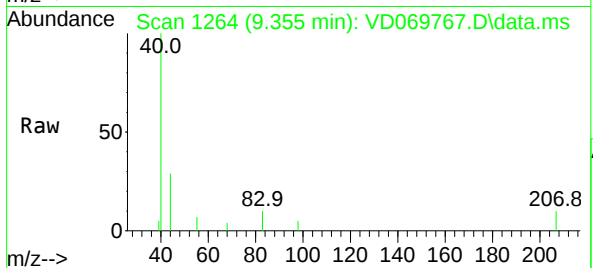
RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

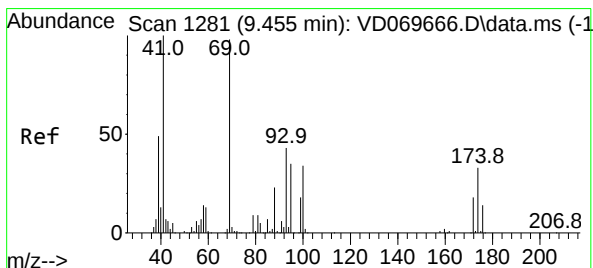
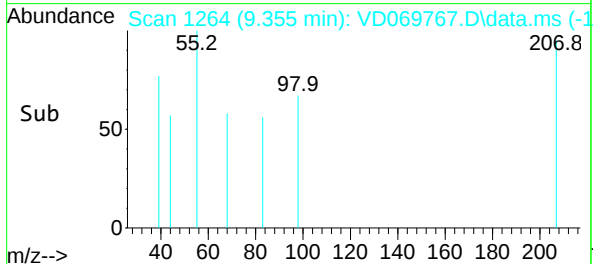
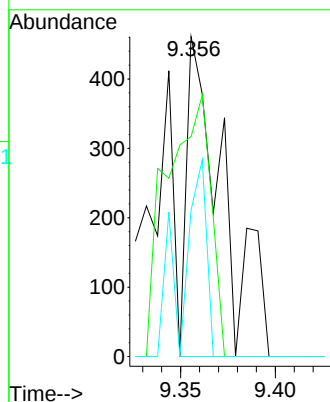
Lab File: VD069767.D

Acq: 20 Jul 2021 13:56

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion:	83	Resp:	620
Ion	Ratio	Lower	Upper
83	100		
55	68.8	64.6	97.0
98	45.8	38.4	57.6



#48

Methyl methacrylate

Concen: 1.121 ug/l

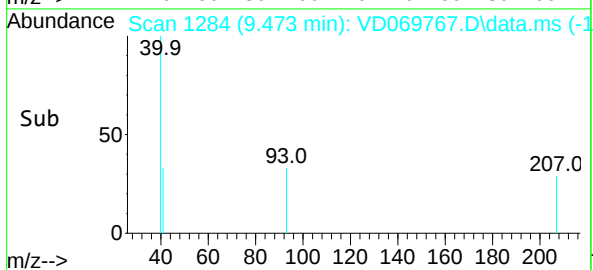
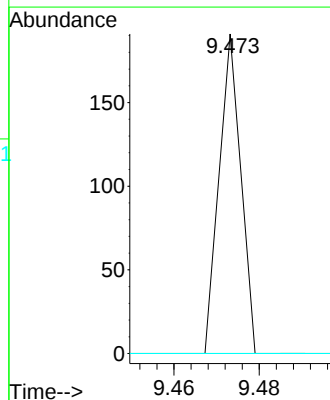
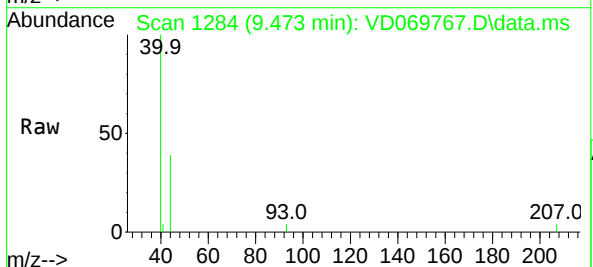
RT: 9.473 min Scan# 1284

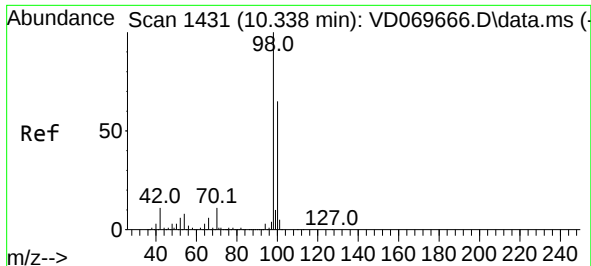
Delta R.T. 0.018 min

Lab File: VD069767.D

Acq: 20 Jul 2021 13:56

Tgt Ion:	41	Resp:	67
Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.6	107.4#
39	0.0	36.7	55.1#

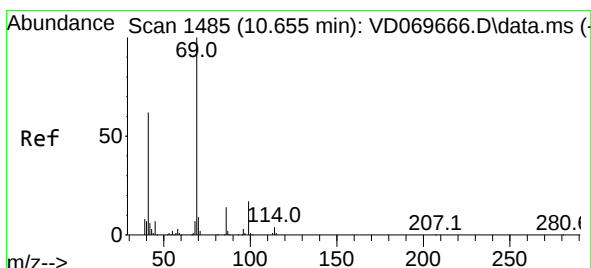
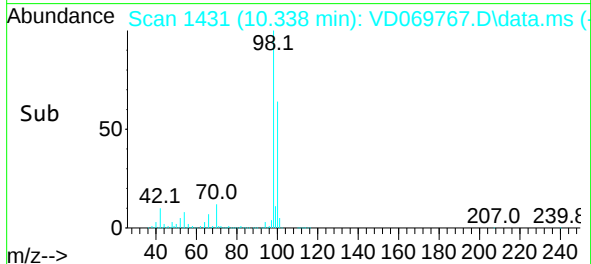
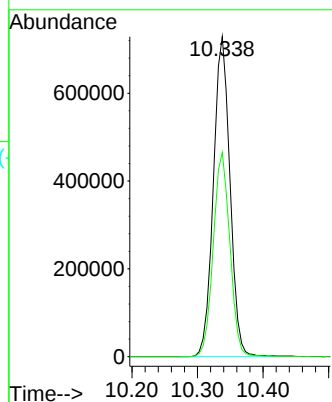
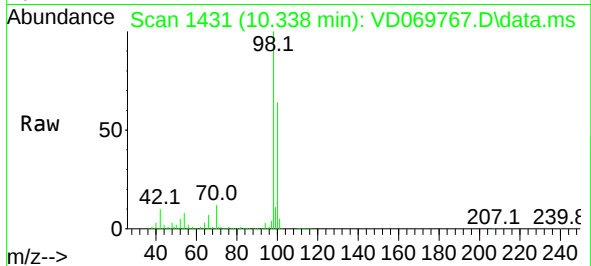




#50
Toluene-d8
Concen: 50.574 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

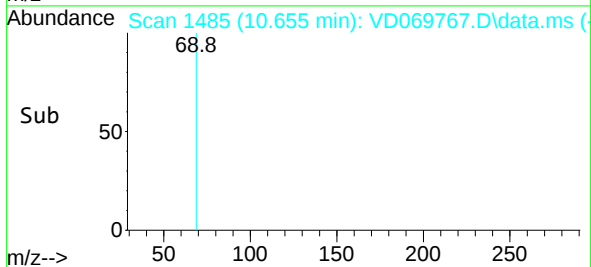
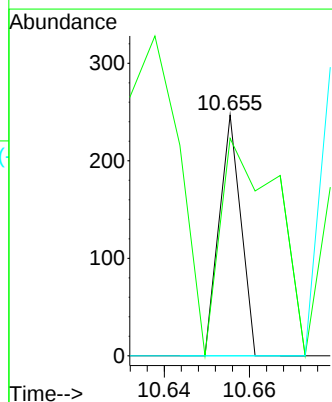
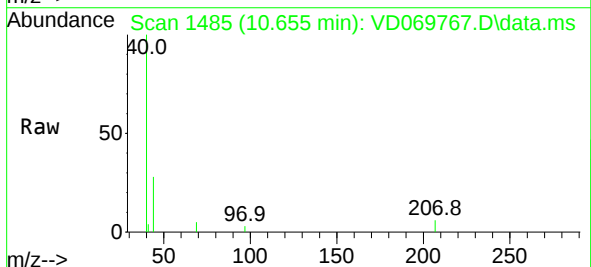
Instrument :
MSVOA_D
ClientSampleId :

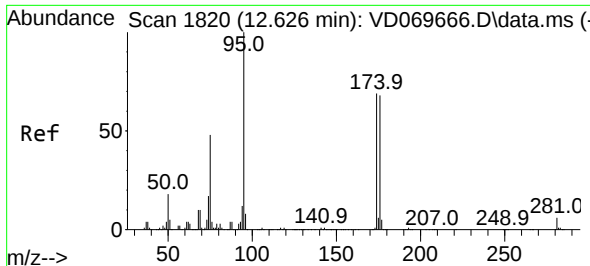
Tgt Ion: 98 Resp: 1279854
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#56
Ethyl methacrylate
Concen: 1.677 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Tgt Ion: 69 Resp: 87
Ion Ratio Lower Upper
69 100
41 304.6 49.5 74.3#
39 0.0 22.5 33.7#

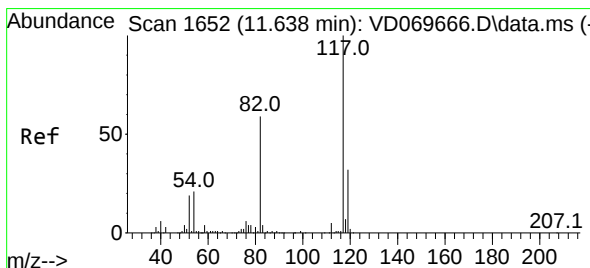
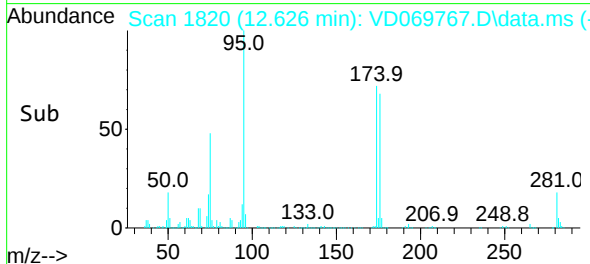
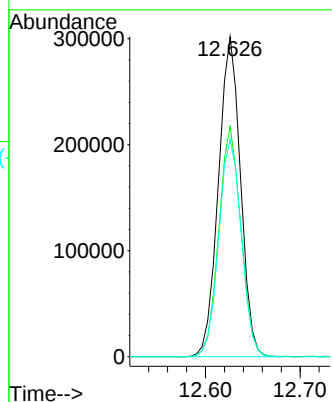
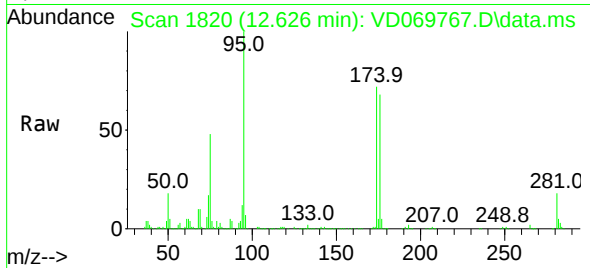




#62
4-Bromofluorobenzene
Concen: 57.955 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

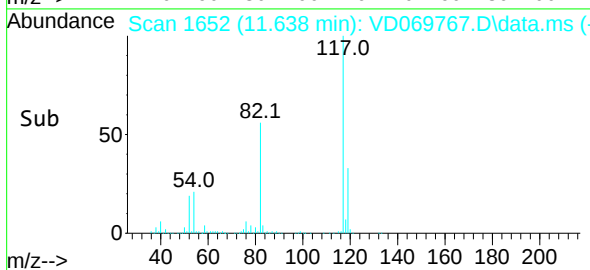
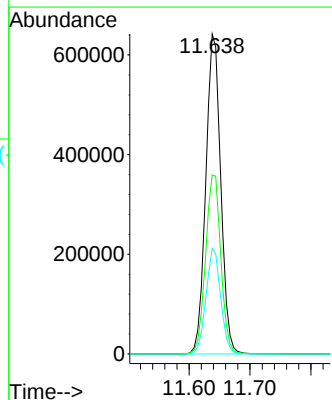
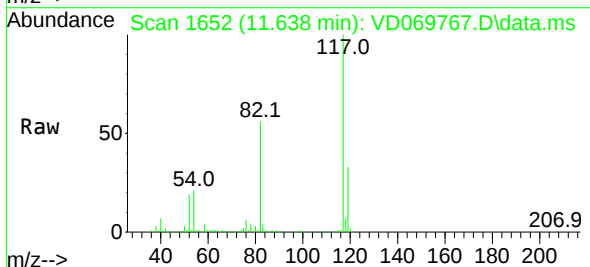
Instrument :
MSVOA_D
ClientSampleId :

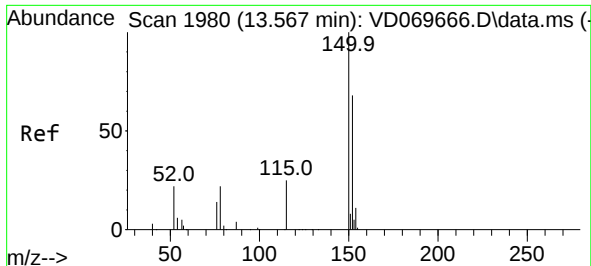
Tgt Ion: 95 Resp: 489137
Ion Ratio Lower Upper
95 100
174 72.0 0.0 140.0
176 69.4 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Tgt Ion: 117 Resp: 1091853
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 32.9 25.5 38.3

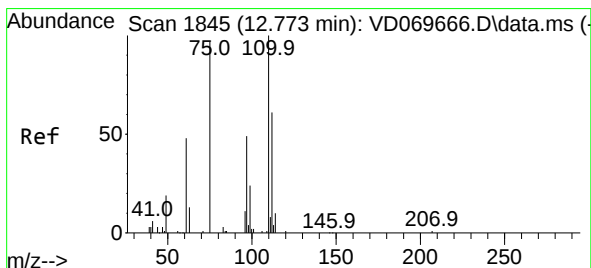
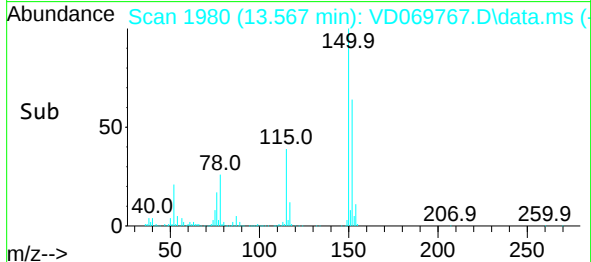
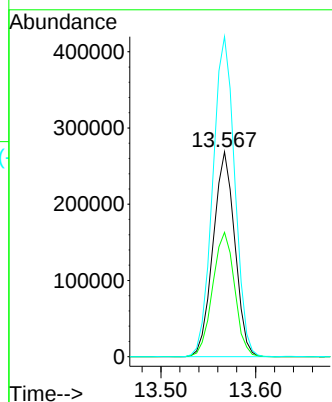
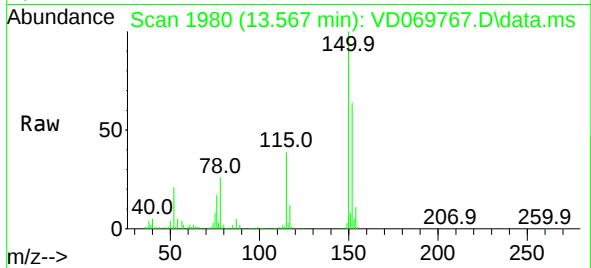




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

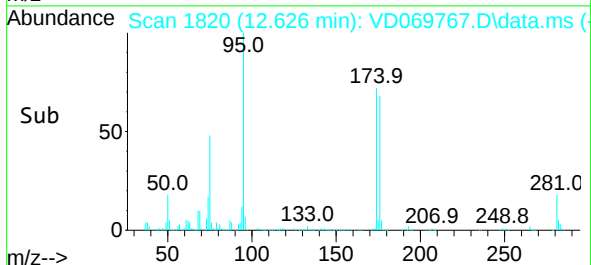
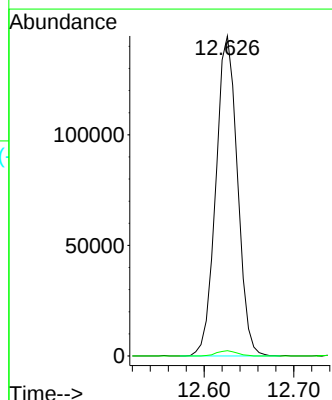
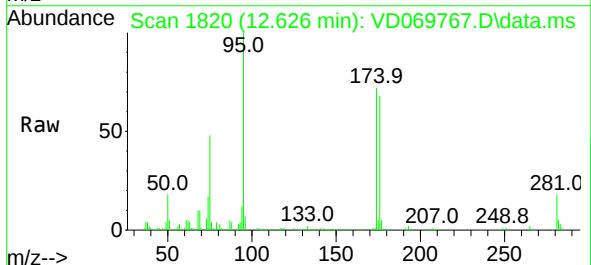
Instrument :
MSVOA_D
ClientSampleId :

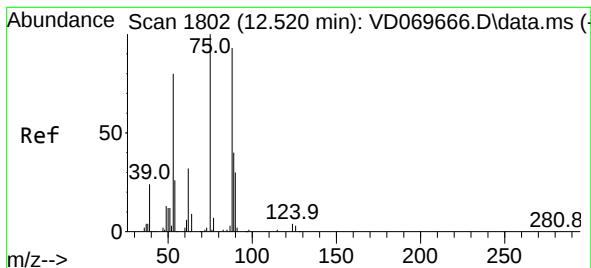
Tgt Ion:152 Resp: 427584
Ion Ratio Lower Upper
152 100
115 61.5 31.7 95.1
150 158.5 0.0 350.4



#76
1,2,3-Trichloropropane
Concen: 58.217 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Tgt Ion: 75 Resp: 241826
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#

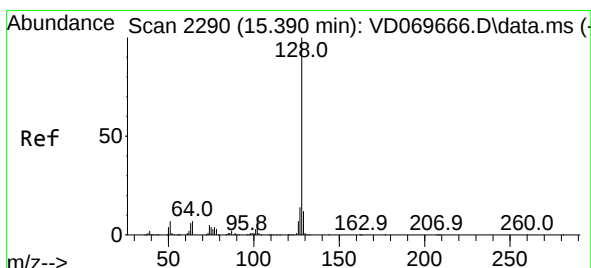
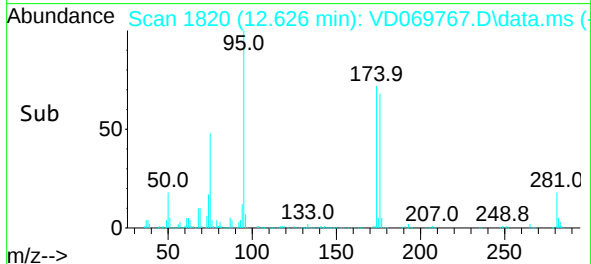
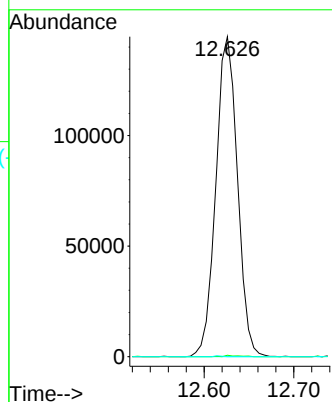
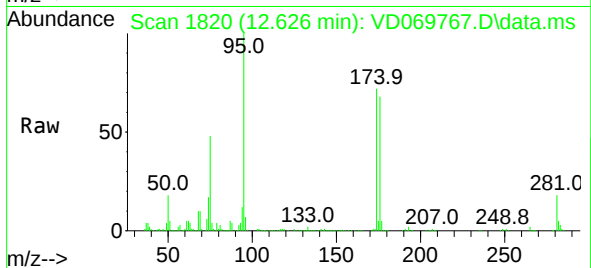




#81
trans-1,4-Dichloro-2-butene
Concen: 156.456 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 241826
Ion Ratio Lower Upper
75 100
53 0.3 70.6 106.0#
89 0.1 35.1 52.7#



#95
Naphthalene
Concen: 2.265 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069767.D
Acq: 20 Jul 2021 13:56

Tgt Ion:128 Resp: 850
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#

