

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070018.D
 Acq On : 11 Aug 2021 12:43
 Operator : VA/SY
 Sample : VD0811SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0811SBL01

Quant Time: Aug 12 05:27:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

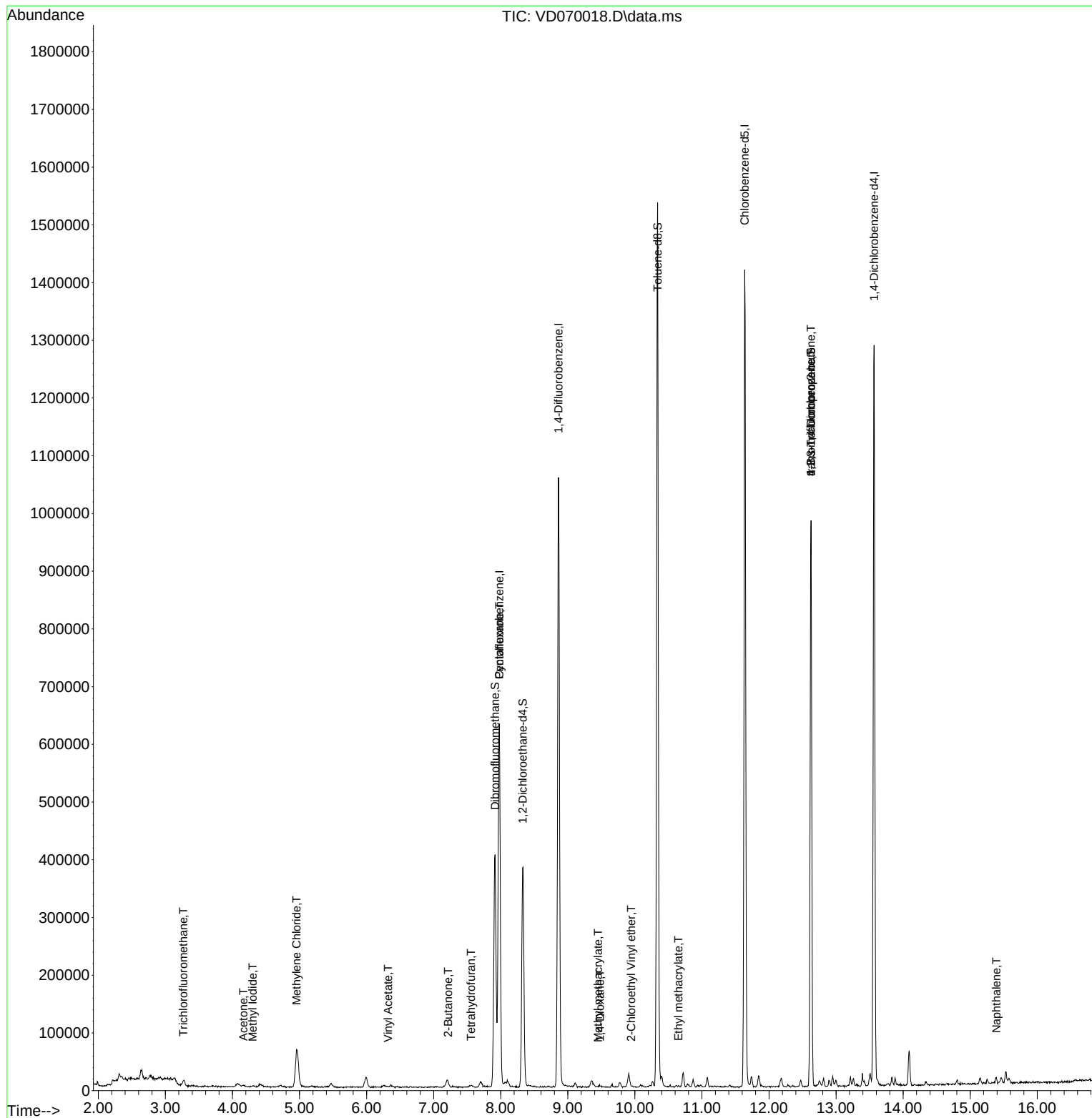
Internal Standards						
1) Pentafluorobenzene	7.979	168	446791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	889408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	823548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	338551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	299965	58.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.760%	
35) Dibromofluoromethane	7.914	113	298449	53.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.460%	
50) Toluene-d8	10.338	98	1040259	48.116	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.240%	
62) 4-Bromofluorobenzene	12.626	95	336384	46.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.774	94	5814	Below Cal	#	67
7) Trichlorofluoromethane	3.268	101	10890	1.229	ug/l	90
10) Methyl Iodide	4.303	142	3903	4.117	ug/l #	76
16) Acetone	4.162	43	4326	4.660	ug/l #	82
20) Methylene Chloride	4.956	84	53595	1.892	ug/l	96
23) Vinyl Acetate	6.320	43	2857	20.642	ug/l #	71
25) 2-Butanone	7.214	43	1738	1.381	ug/l	95
29) Tetrahydrofuran	7.556	42	2100	2.579	ug/l #	78
31) Cyclohexane	7.979	56	13793	1.374	ug/l #	8
48) Methyl methacrylate	9.450	41	1103	3.059	ug/l #	60
49) 1,4-Dioxane	9.479	88	57	1.503	ug/l #	1
56) Ethyl methacrylate	10.650	69	742	4.005	ug/l #	34
58) 2-Chloroethyl Vinyl ether	9.944	63	1598	21.401	ug/l #	87
76) 1,2,3-Trichloropropane	12.626	75	164376	45.678	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	164376	138.576	ug/l #	16
95) Naphthalene	15.390	128	8439	5.685	ug/l #	92

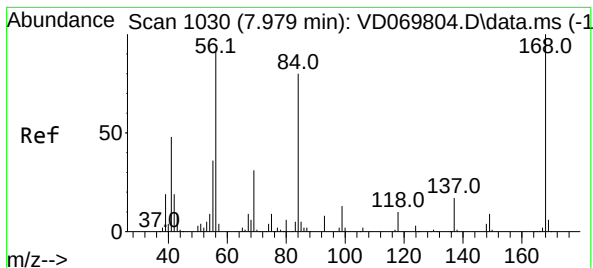
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

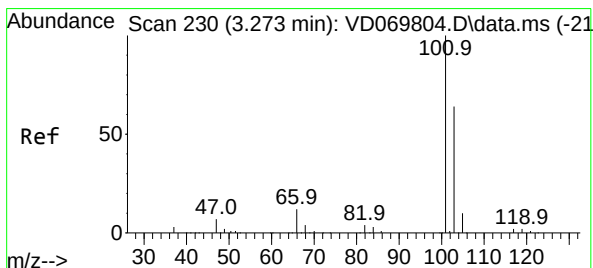
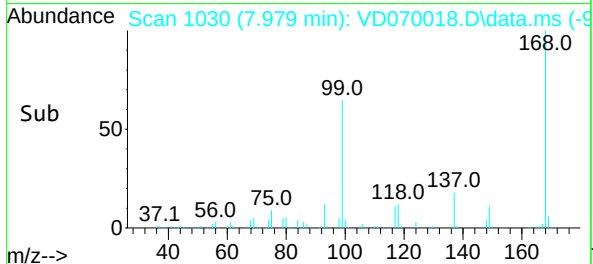
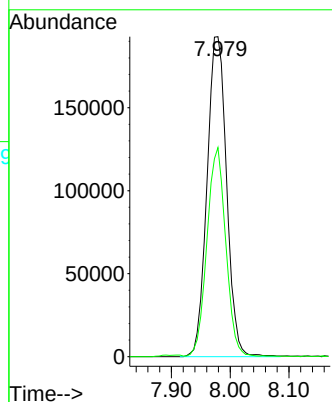
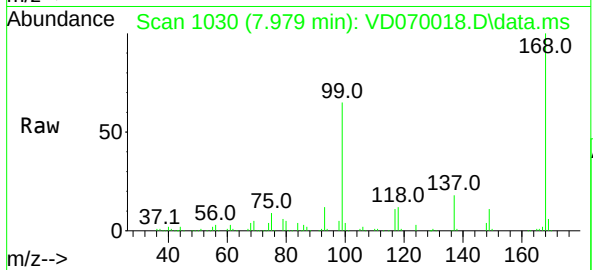




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

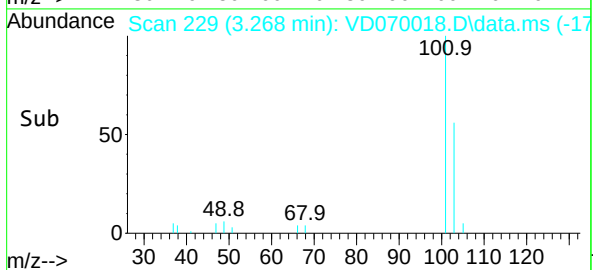
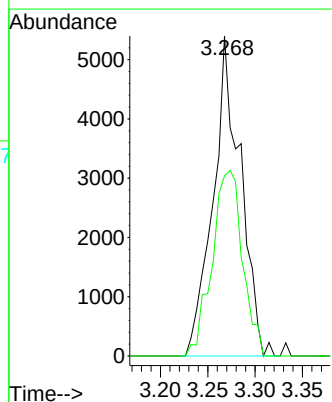
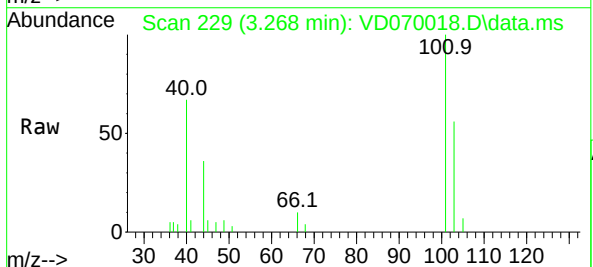
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

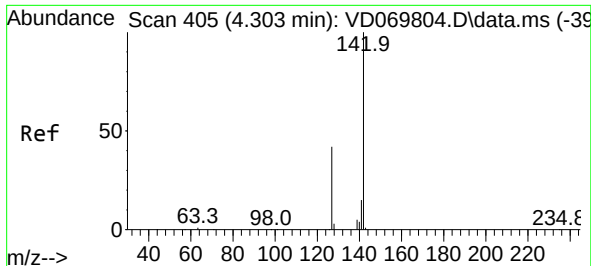
Tgt Ion:168 Resp: 446791
Ion Ratio Lower Upper
168 100
99 65.3 51.1 76.7



#7
Trichlorofluoromethane
Concen: 1.229 ug/l
RT: 3.268 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Tgt Ion:101 Resp: 10890
Ion Ratio Lower Upper
101 100
103 56.3 51.3 76.9

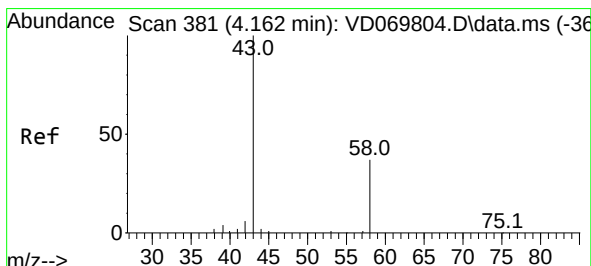
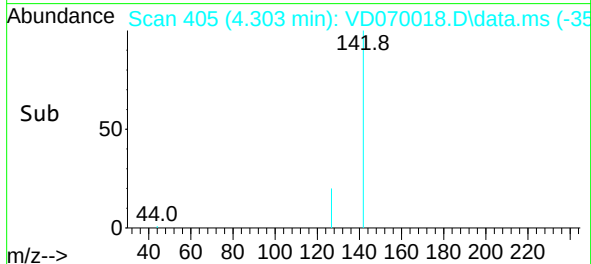
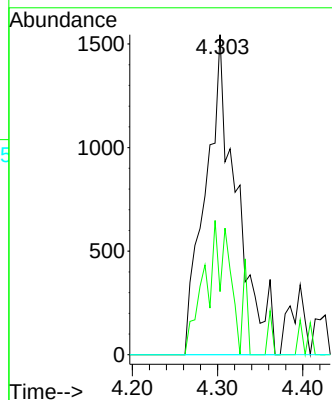
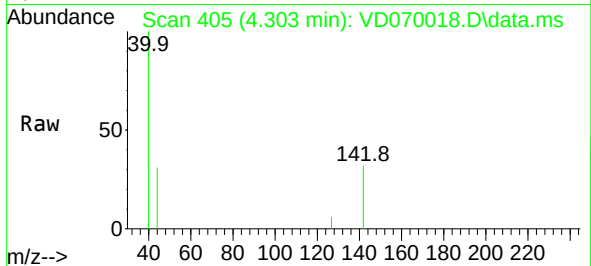




#10
Methyl Iodide
Concen: 4.117 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

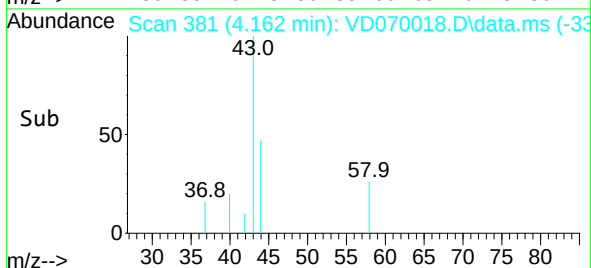
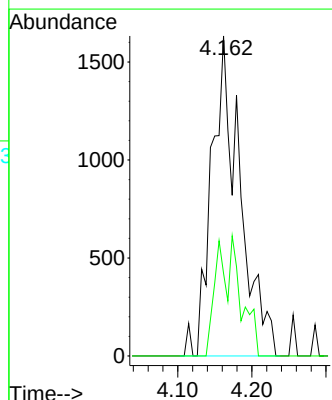
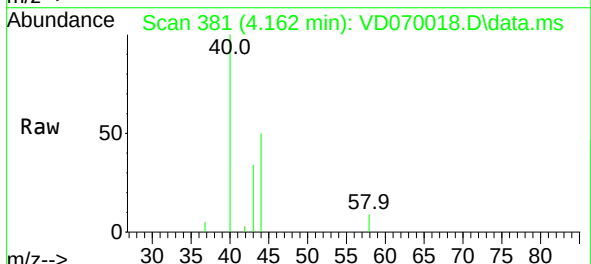
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

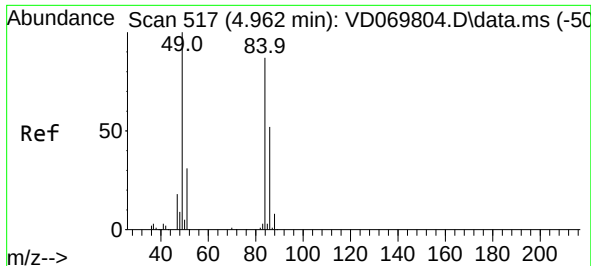
Tgt Ion:142 Resp: 3903
Ion Ratio Lower Upper
142 100
127 31.9 35.7 53.5#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 4.660 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

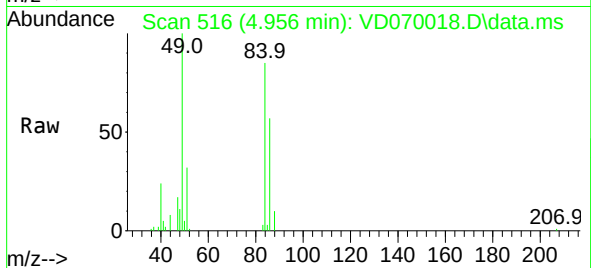
Tgt Ion: 43 Resp: 4326
Ion Ratio Lower Upper
43 100
58 25.8 29.4 44.0#



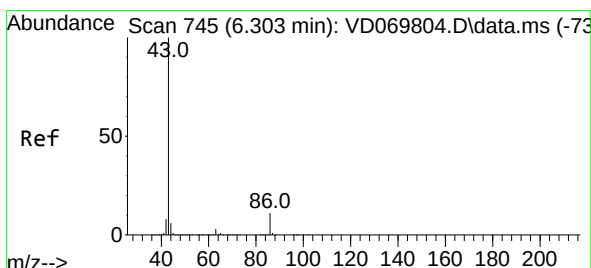
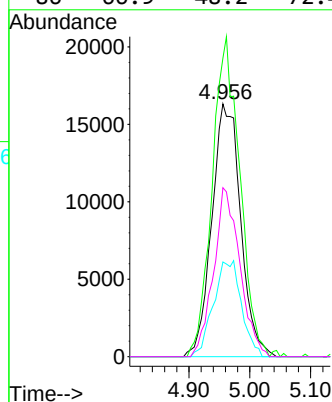
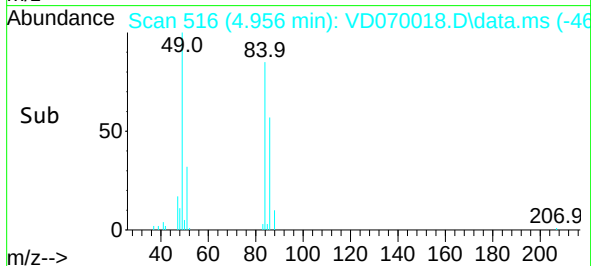


#20
Methylene Chloride
Concen: 1.892 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

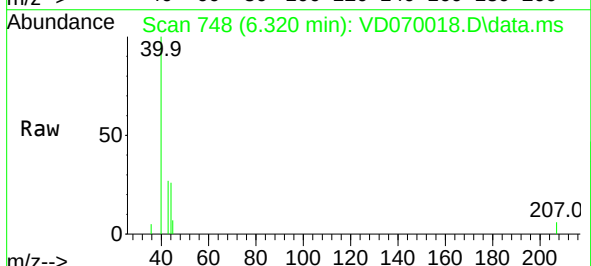
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01



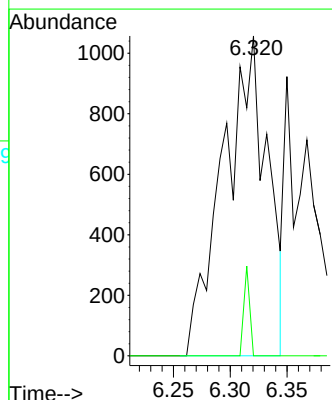
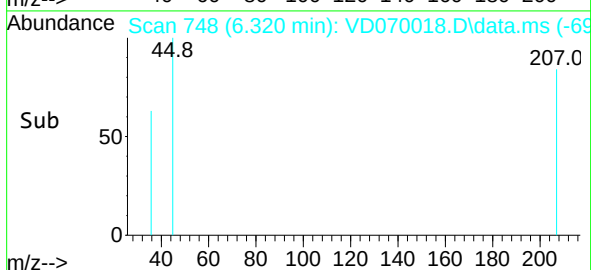
Tgt Ion:	84	Resp:	53595
Ion	Ratio	Lower	Upper
84	100		
49	118.1	92.4	138.6
51	37.5	28.5	42.7
86	66.9	48.2	72.4

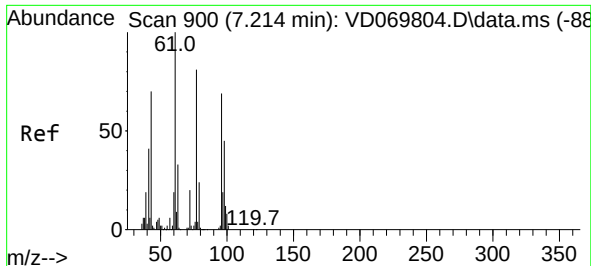


#23
Vinyl Acetate
Concen: 20.642 ug/l
RT: 6.320 min Scan# 748
Delta R.T. 0.017 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43



Tgt Ion:	43	Resp:	2857
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#

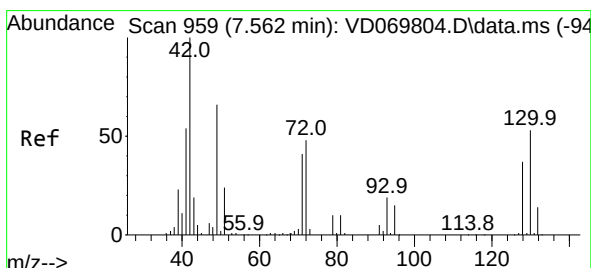
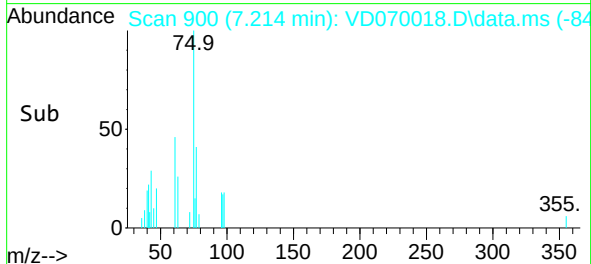
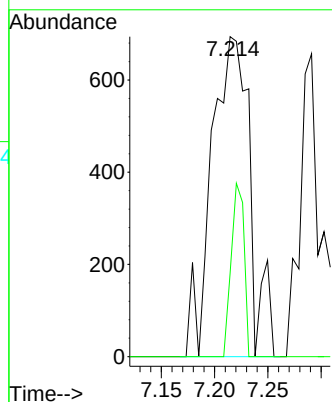
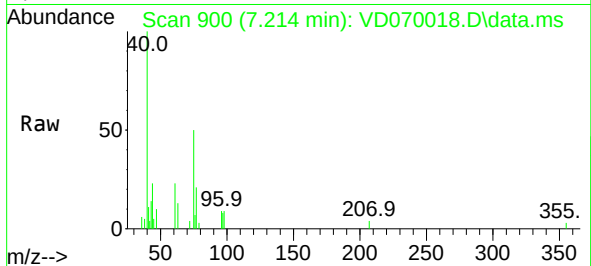




#25
2-Butanone
Concen: 1.381 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

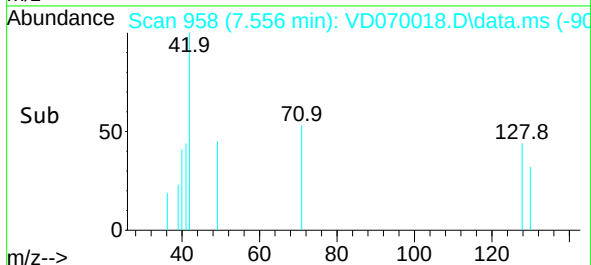
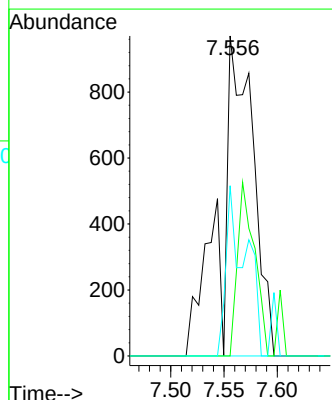
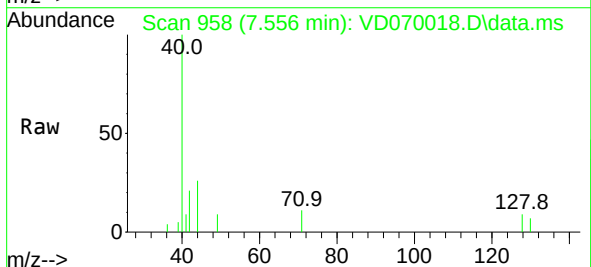
Instrument :
MSVOA_D
ClientSampleId :
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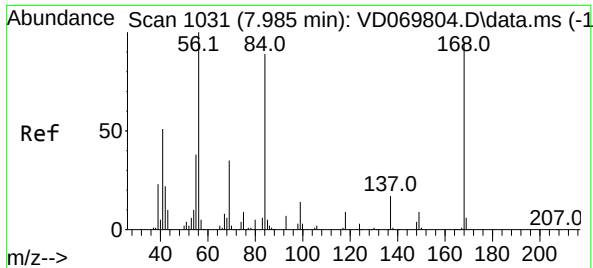
Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
72 26.1 22.8 34.2



#29
Tetrahydrofuran
Concen: 2.579 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

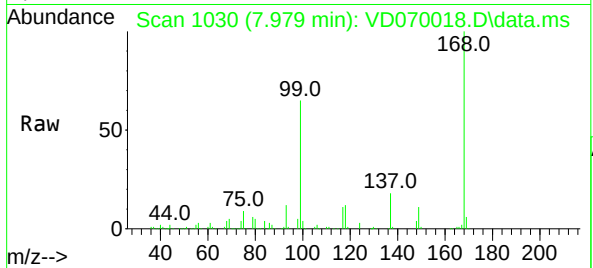
Tgt Ion: 42 Resp: 2100
Ion Ratio Lower Upper
42 100
72 28.0 36.5 54.7#
71 31.4 33.5 50.3#



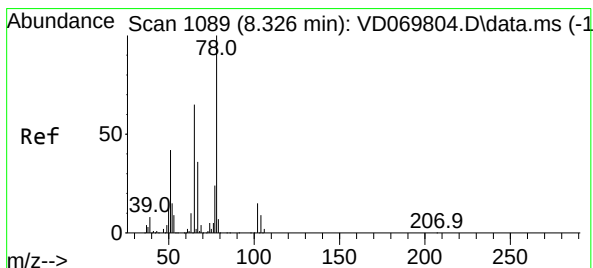
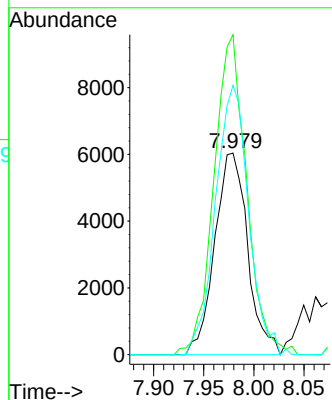
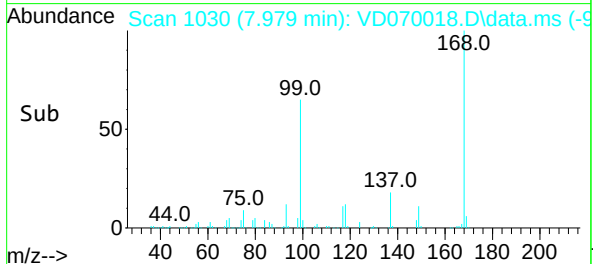


#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

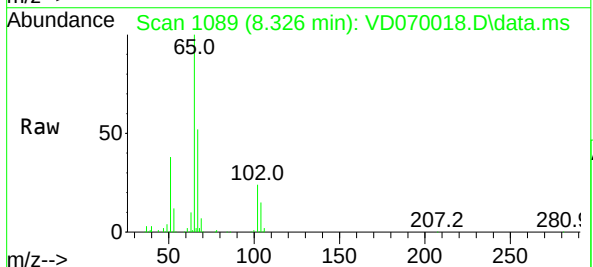
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01



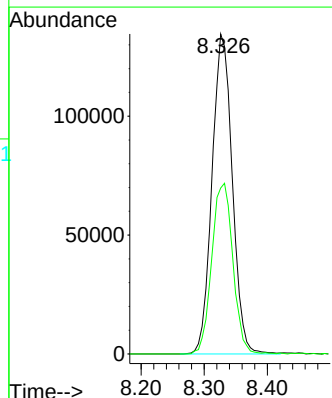
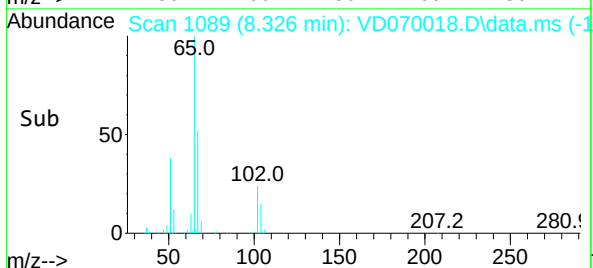
Tgt Ion: 56 Resp: 13793
Ion Ratio Lower Upper
56 100
69 155.7 27.9 41.9#
84 133.5 71.4 107.2#

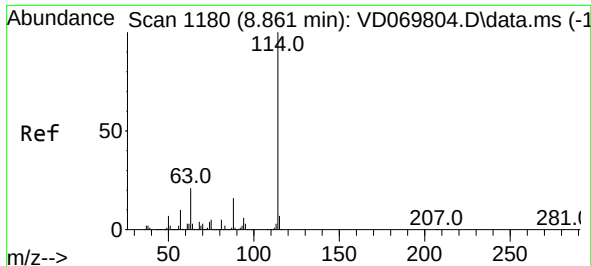


#33
1,2-Dichloroethane-d4
Concen: 58.376 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43



Tgt Ion: 65 Resp: 299965
Ion Ratio Lower Upper
65 100
67 55.6 0.0 111.2

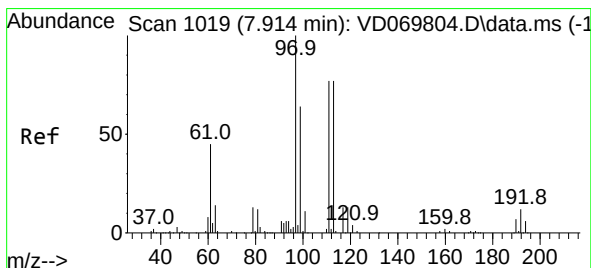
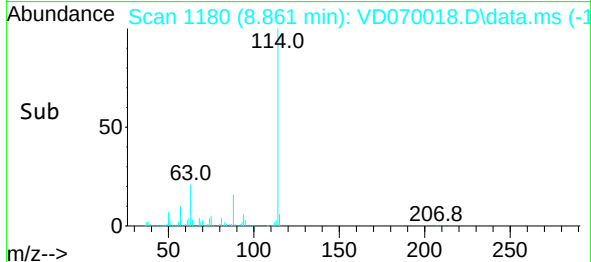
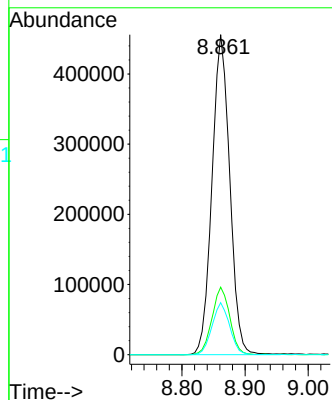
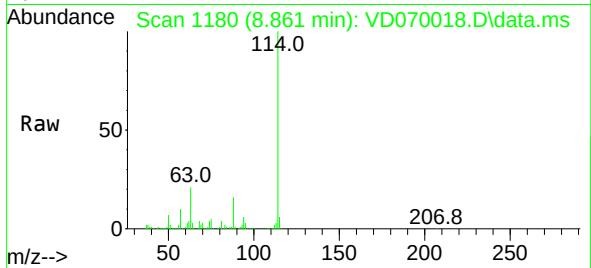




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

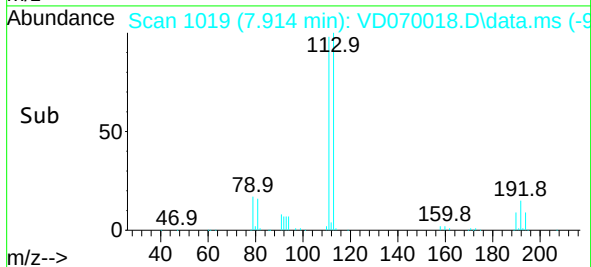
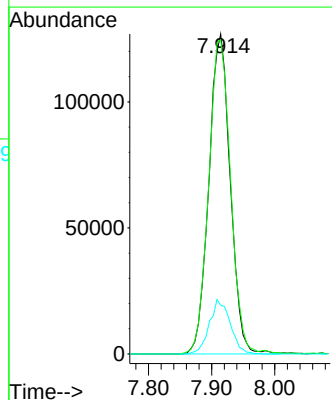
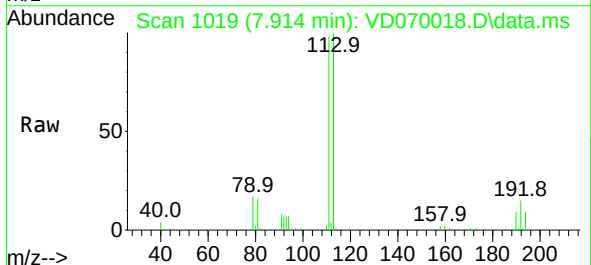
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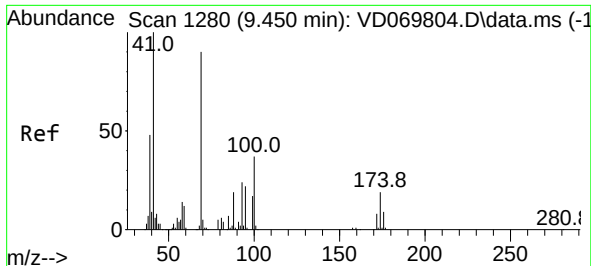
Tgt Ion:	114	Resp:	889408
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	41.6
88	16.3	0.0	31.4



#35
Dibromofluoromethane
Concen: 53.230 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Tgt Ion:	113	Resp:	298449
Ion Ratio	Lower	Upper	
113	100		
111	101.5	80.5	120.7
192	16.5	12.6	19.0

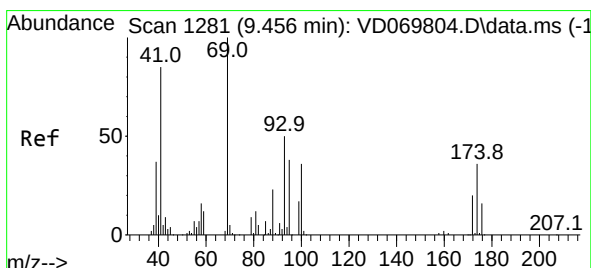
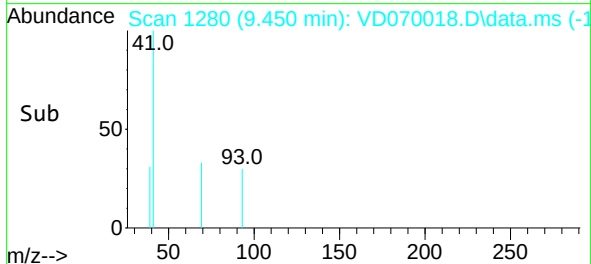
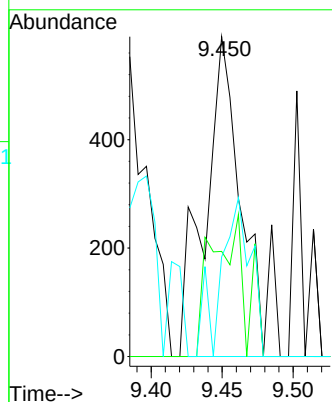
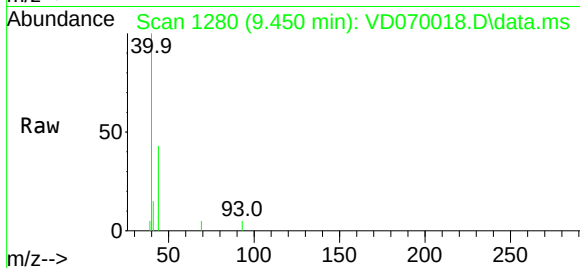




#48
Methyl methacrylate
Concen: 3.059 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

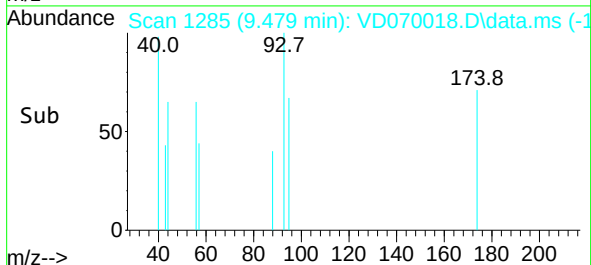
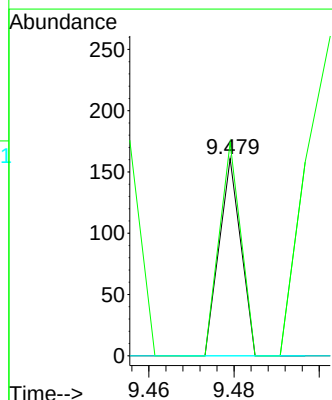
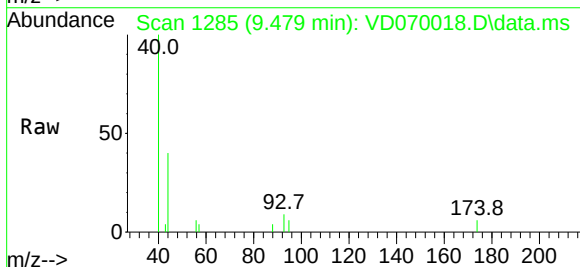
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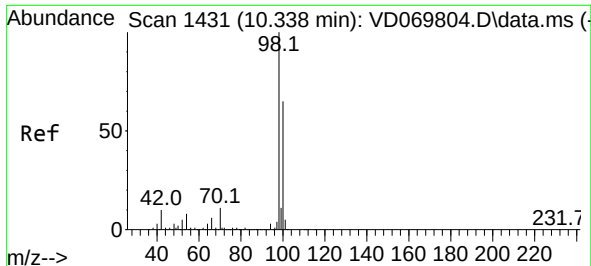
Tgt Ion: 41 Resp: 1103
Ion Ratio Lower Upper
41 100
69 39.9 73.4 110.2#
39 39.5 36.6 55.0



#49
1,4-Dioxane
Concen: 1.503 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.024 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 107.0 26.8 40.2#
58 0.0 59.8 89.6#

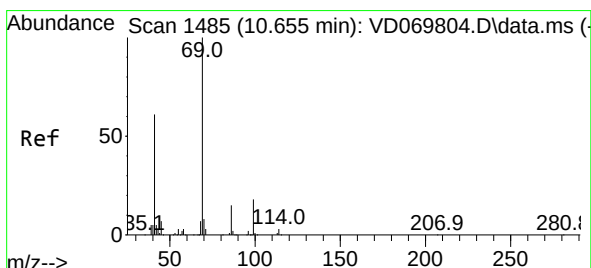
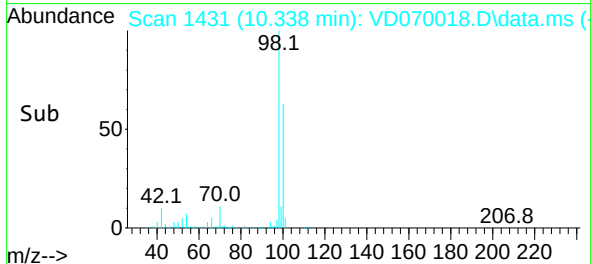
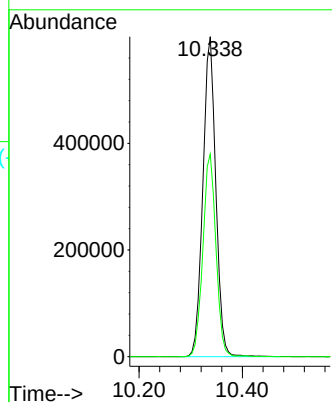
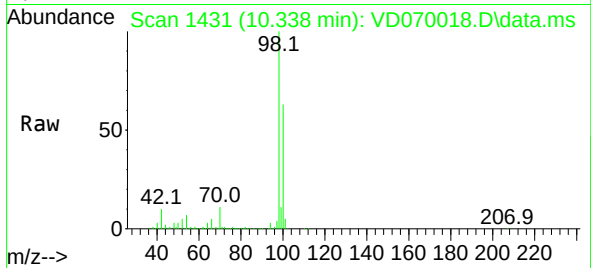




#50
Toluene-d8
Concen: 48.116 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

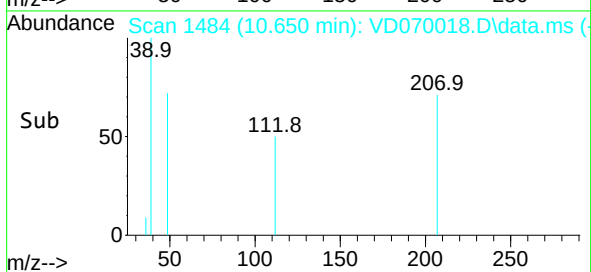
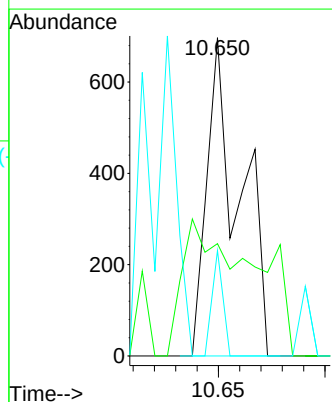
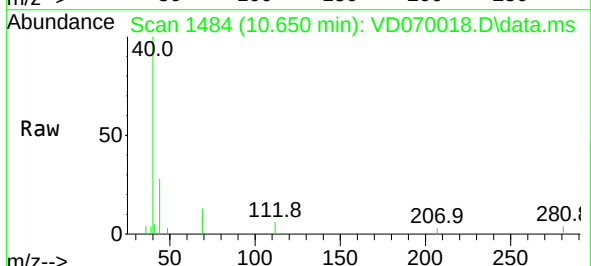
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

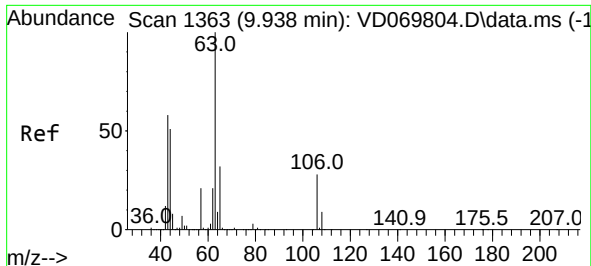
Tgt Ion: 98 Resp: 1040259
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#56
Ethyl methacrylate
Concen: 4.005 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

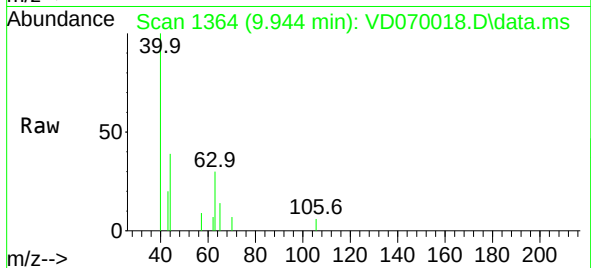
Tgt Ion: 69 Resp: 742
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 11.1 22.0 33.0#



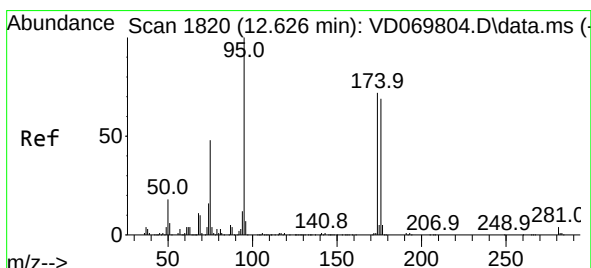
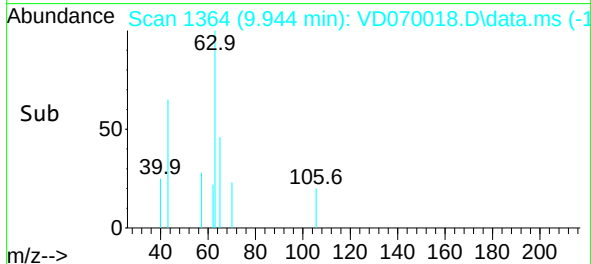
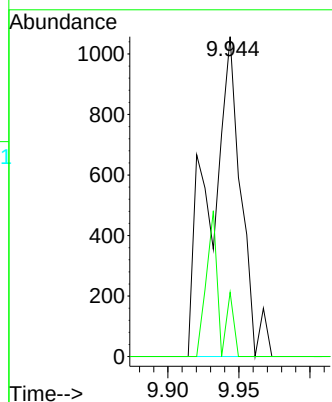


#58
2-Chloroethyl Vinyl ether
Concen: 21.401 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.006 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

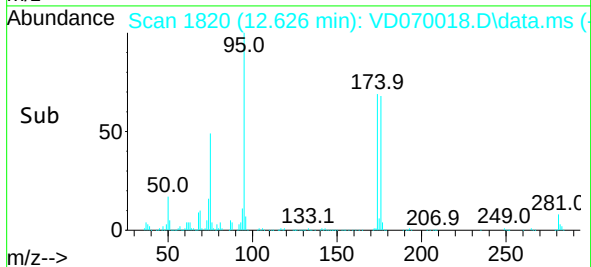
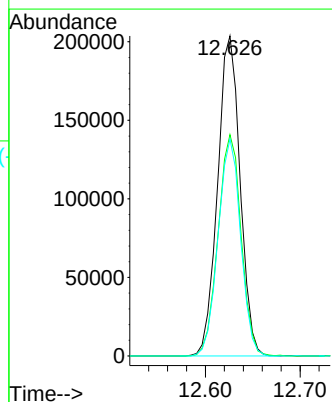
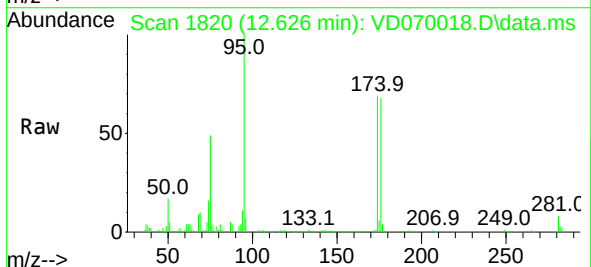


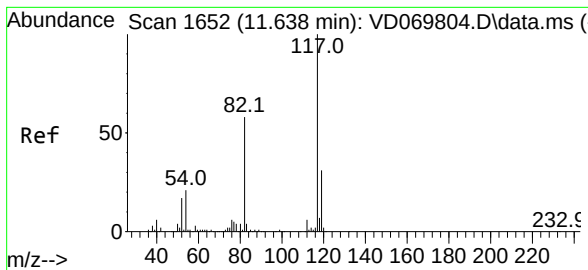
Tgt Ion: 63 Resp: 1598
Ion Ratio Lower Upper
63 100
106 20.2 21.8 32.6#



#62
4-Bromofluorobenzene
Concen: 46.556 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Tgt Ion: 95 Resp: 336384
Ion Ratio Lower Upper
95 100
174 70.8 0.0 142.6
176 67.7 0.0 134.2

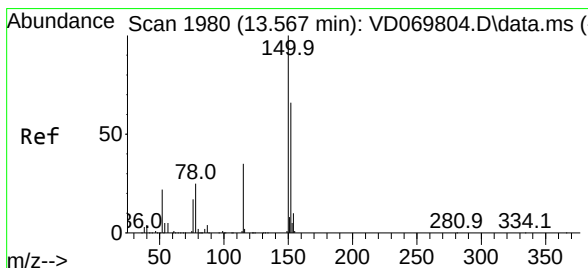
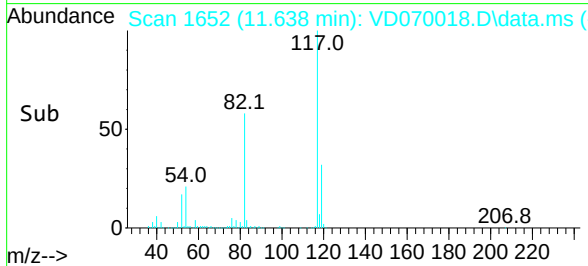
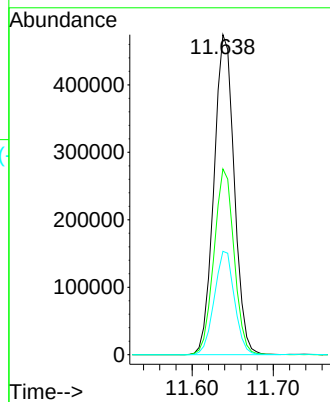
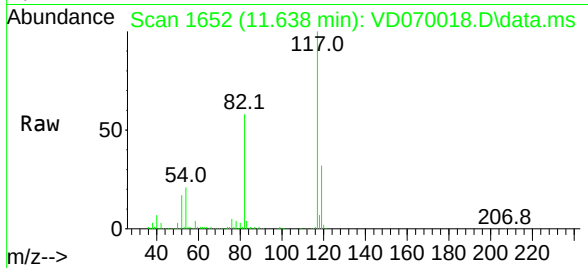




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

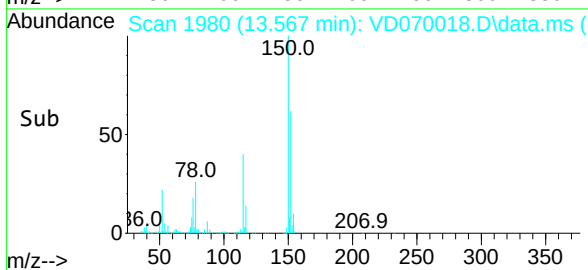
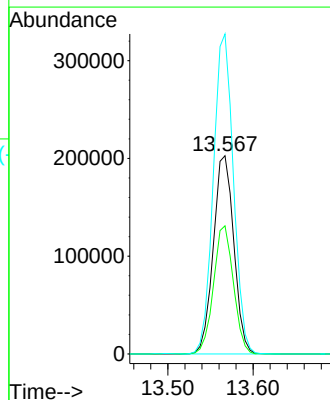
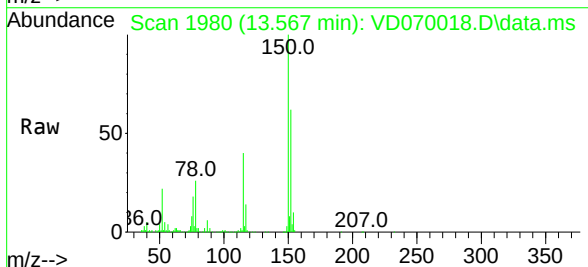
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

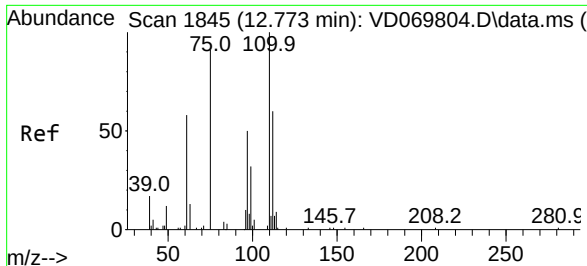
Tgt Ion:117 Resp: 823548
Ion Ratio Lower Upper
117 100
82 58.0 46.3 69.5
119 32.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Tgt Ion:152 Resp: 338551
Ion Ratio Lower Upper
152 100
115 63.0 31.1 93.3
150 158.4 0.0 343.0

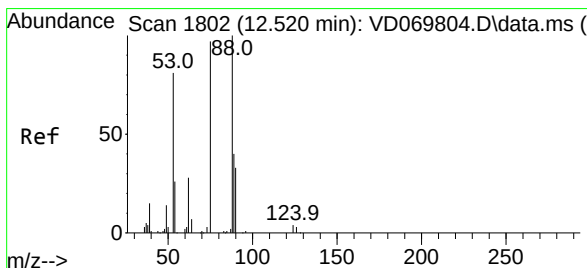
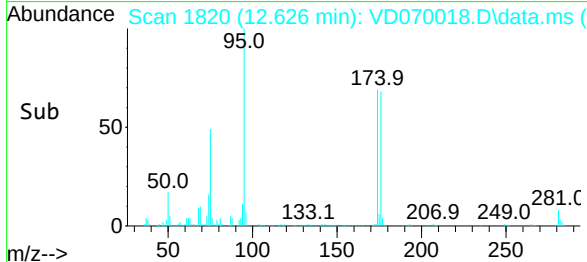
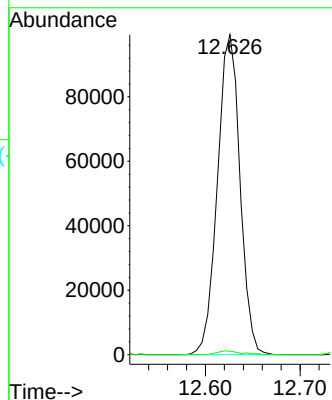
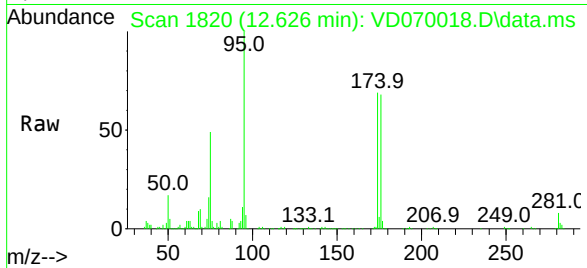




#76
1,2,3-Trichloropropane
Concen: 45.678 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

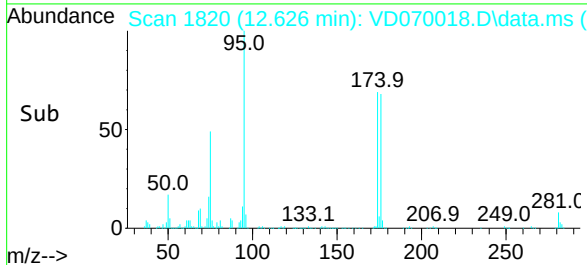
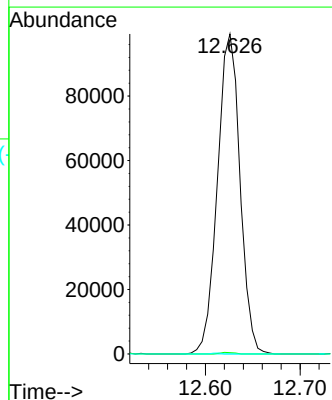
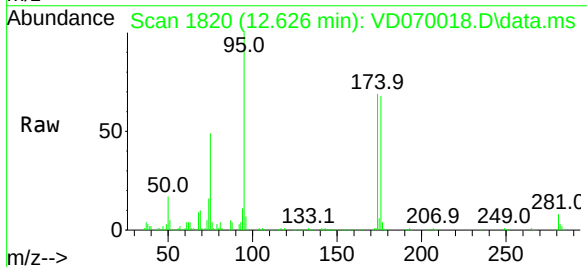
Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01

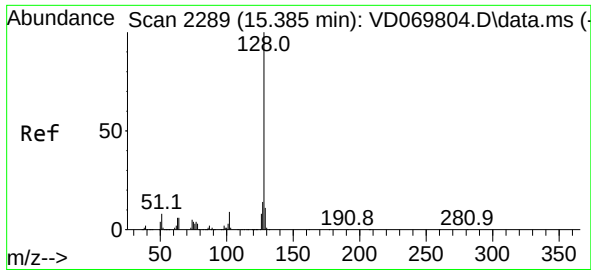
Tgt Ion: 75 Resp: 164376
Ion Ratio Lower Upper
75 100
77 1.2 181.5 544.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.576 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

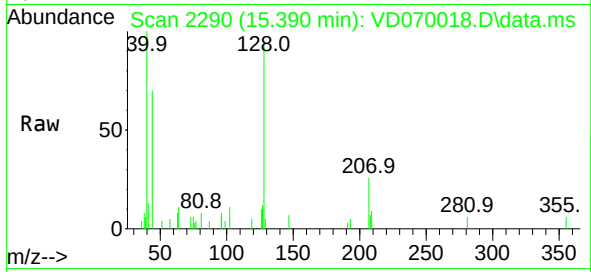
Tgt Ion: 75 Resp: 164376
Ion Ratio Lower Upper
75 100
53 0.3 67.2 100.8#
89 0.1 35.8 53.6#





#95
Naphthalene
Concen: 5.685 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD070018.D
Acq: 11 Aug 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0811SBL01



Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.6	16.0
129	6.1	8.6	12.8#

