

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120621\
 Data File : VD071166.D
 Acq On : 06 Dec 2021 12:41
 Operator : VA/SY
 Sample : M4927-12RE
 Misc : 5.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH1-BOT-13RE

Quant Time: Dec 07 06:51:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

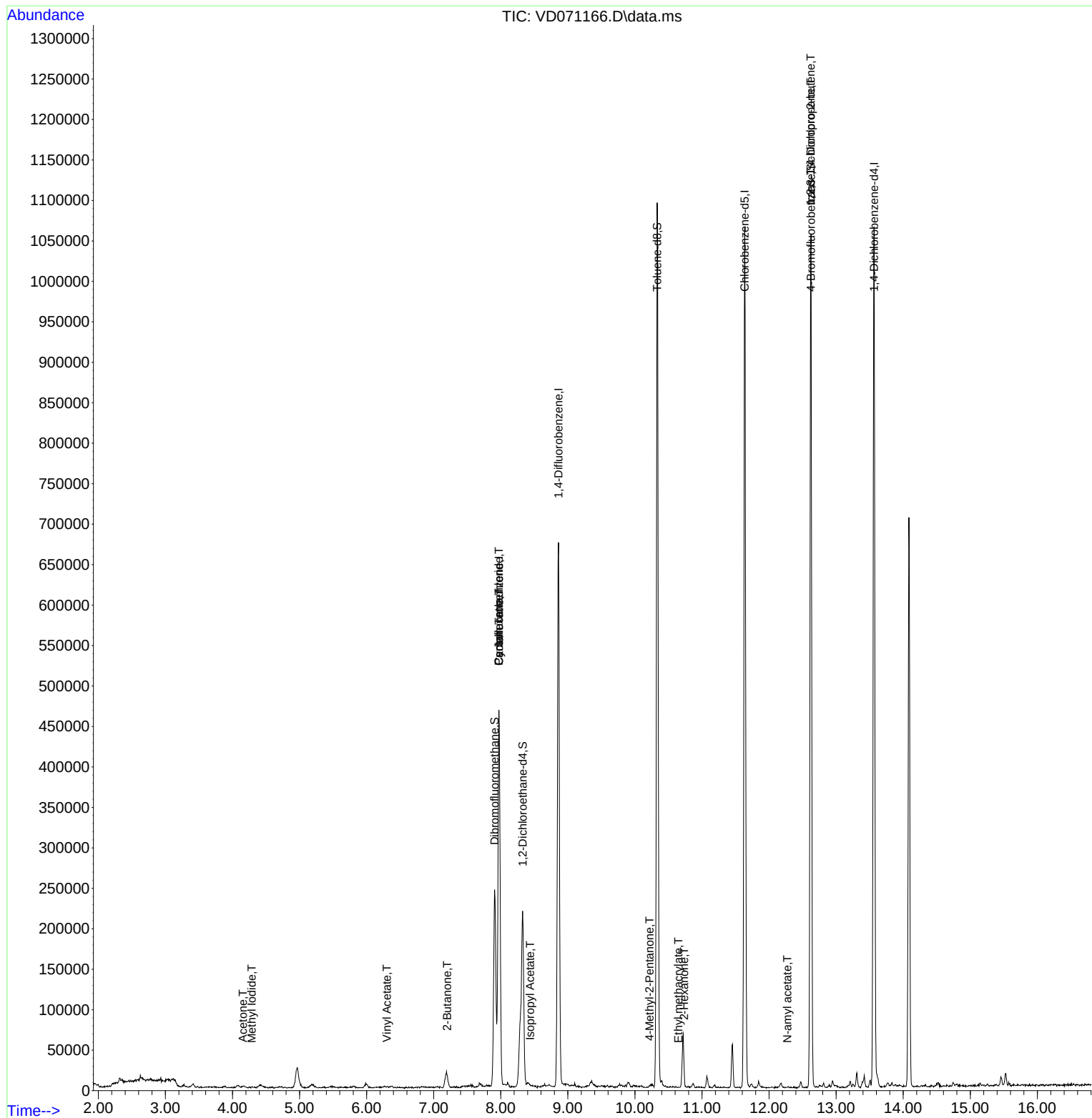
Internal Standards						
1) Pentafluorobenzene	7.973	168	324197	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	543689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	568528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	262058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	162769	42.788	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.580%		
35) Dibromofluoromethane	7.908	113	166312	48.037	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.080%		
50) Toluene-d8	10.332	98	700764	53.188	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.380%		
62) 4-Bromofluorobenzene	12.626	95	273633	59.915	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	119.820%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	291	4.630	ug/l #	87
11) Tert butyl alcohol	5.185	59	2791	Below Cal	#	71
16) Acetone	4.156	43	3845	34.134	ug/l	94
23) Vinyl Acetate	6.303	43	514	27.292	ug/l #	72
25) 2-Butanone	7.203	43	869	29.019	ug/l #	1
31) Cyclohexane	7.973	56	10888	1.683	ug/l #	46
38) Carbon Tetrachloride	7.973	117	34423	6.872	ug/l #	18
41) Methacrylonitrile	7.544	41	245	Below Cal	#	33
43) Isopropyl Acetate	8.438	43	229	5.265	ug/l #	47
51) 4-Methyl-2-Pentanone	10.220	43	1347	31.129	ug/l #	81
56) Ethyl methacrylate	10.649	69	759	6.158	ug/l #	58
59) 2-Hexanone	10.732	43	307	34.716	ug/l	76
74) N-amyl acetate	12.273	43	65	5.712	ug/l #	40
76) 1,2,3-Trichloropropane	12.620	75	155267	62.187	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	155267	134.429	ug/l #	19

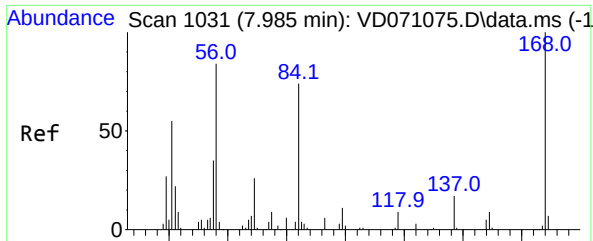
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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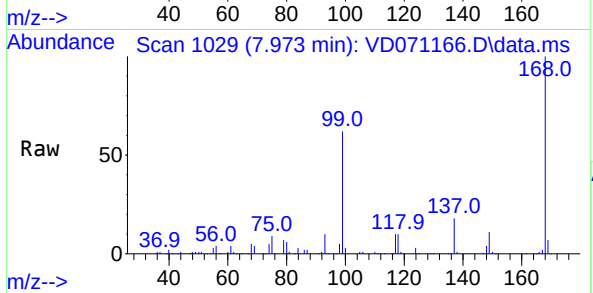
Quant Time: Dec 07 06:51:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration



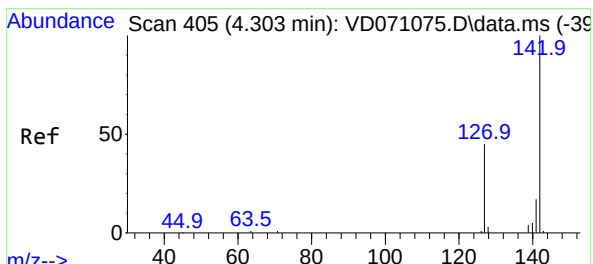
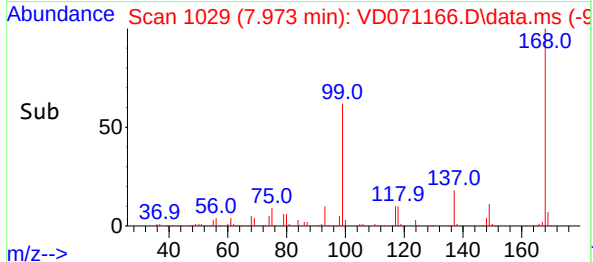
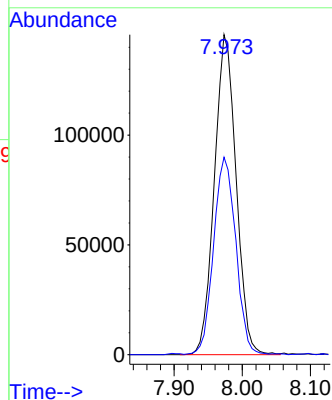


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-13RE

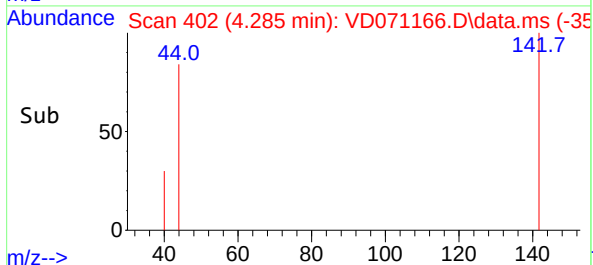
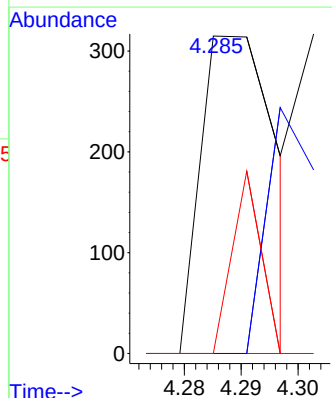
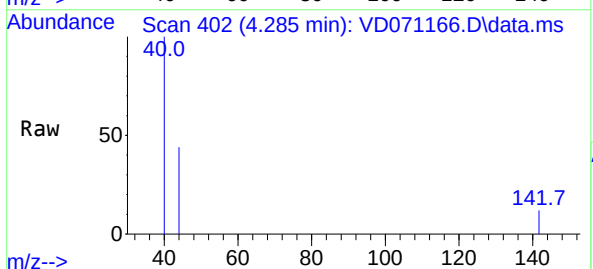


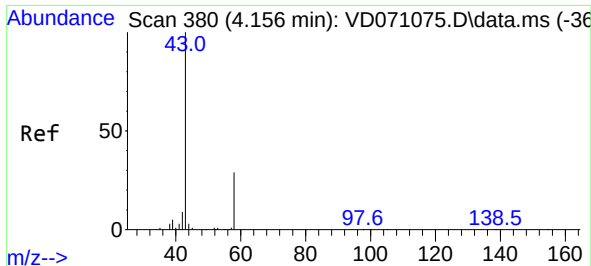
Tgt Ion:168 Resp: 324197
Ion Ratio Lower Upper
168 100
99 61.4 46.6 69.8



#10
Methyl Iodide
Concen: 4.630 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.018 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion:142 Resp: 291
Ion Ratio Lower Upper
142 100
127 51.5 35.0 52.4
141 22.0 12.0 18.0#

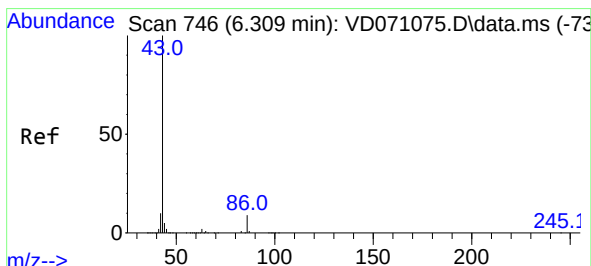
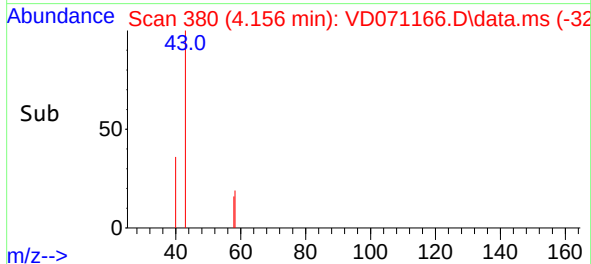
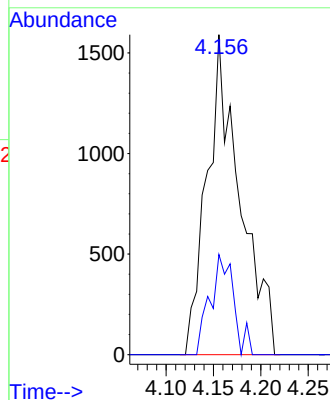
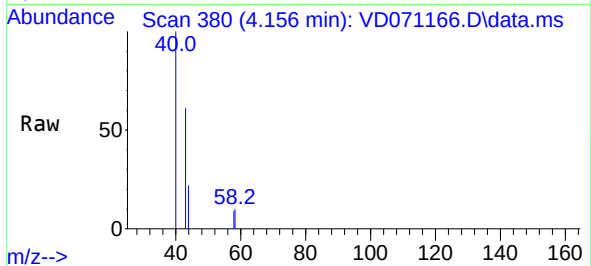




#16
Acetone
Concen: 34.134 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

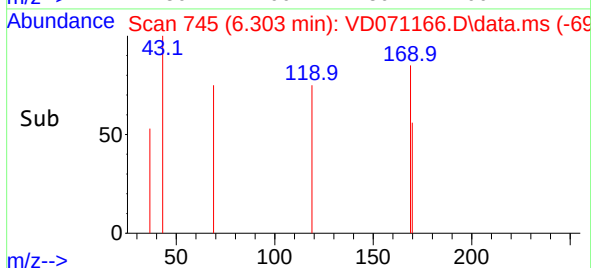
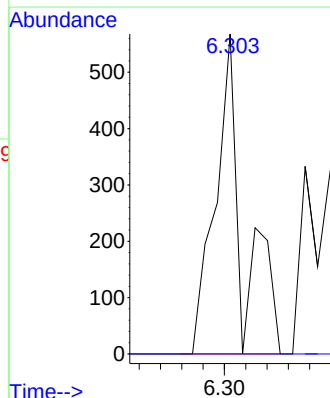
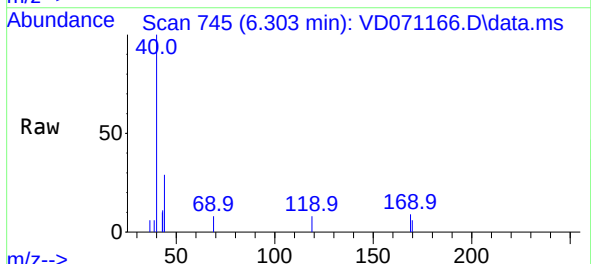
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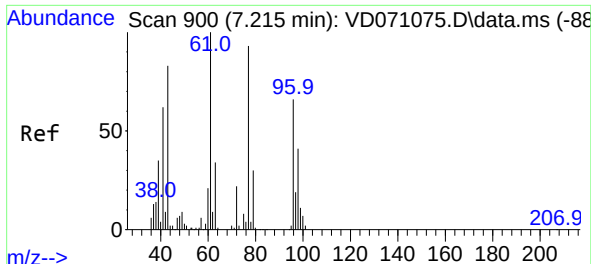
Tgt Ion: 43 Resp: 3845
Ion Ratio Lower Upper
43 100
58 31.3 27.8 41.8



#23
Vinyl Acetate
Concen: 27.292 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.006 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#

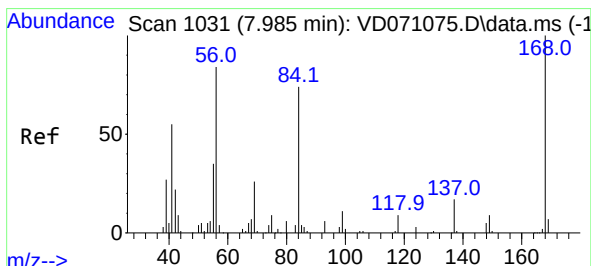
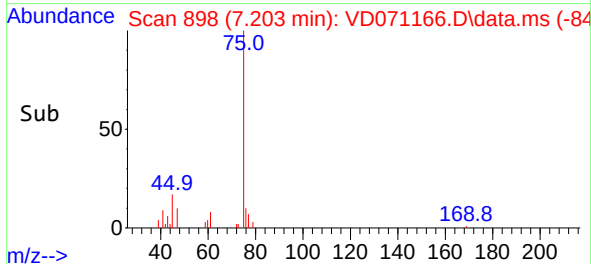
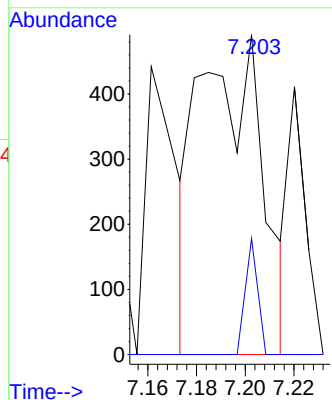
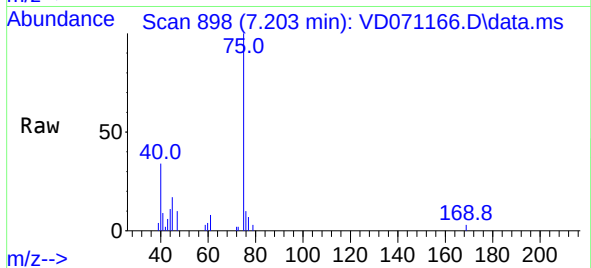




#25
2-Butanone
Concen: 29.019 ug/l
RT: 7.203 min Scan# 89
Delta R.T. -0.012 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

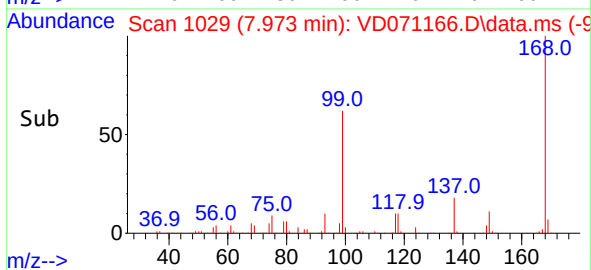
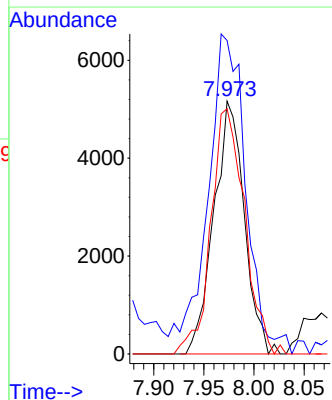
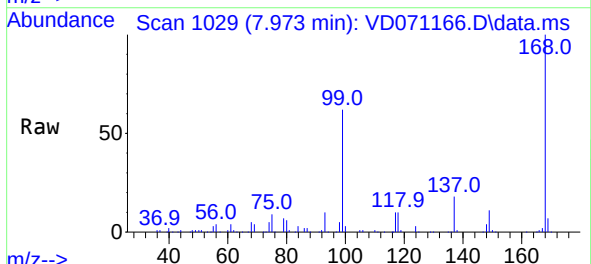
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MSVOA_D
ClientSampleId :
PH1-BOT-13RE

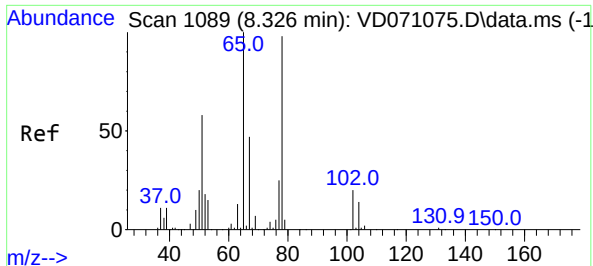
Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
72 105.7 23.8 35.6#



#31
Cyclohexane
Concen: 1.683 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion: 56 Resp: 10888
Ion Ratio Lower Upper
56 100
69 117.3 25.9 38.9#
84 93.7 64.3 96.5

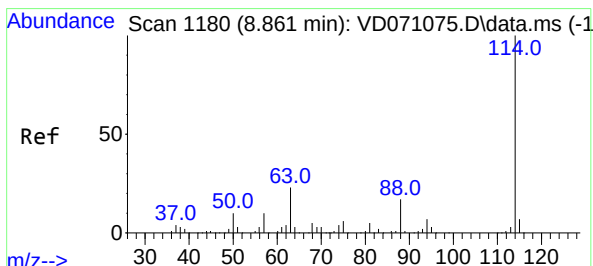
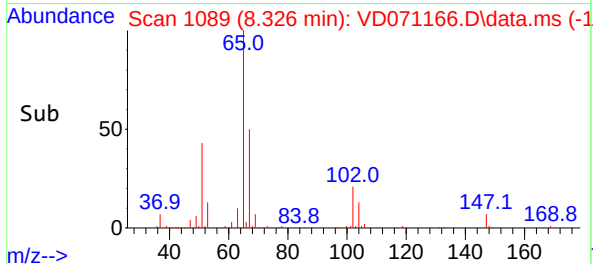
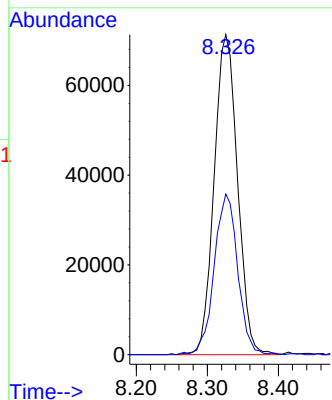
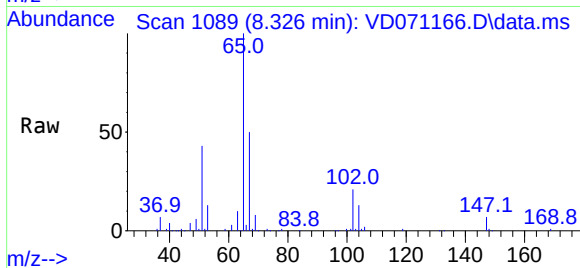




#33
1,2-Dichloroethane-d4
Concen: 42.788 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

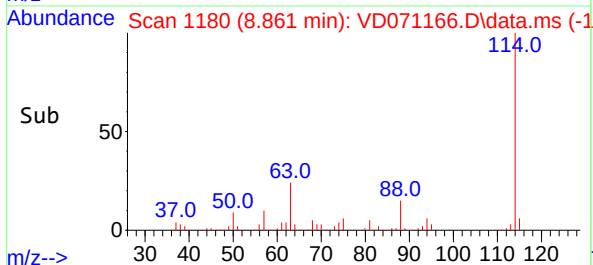
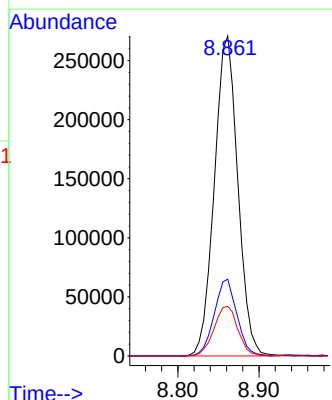
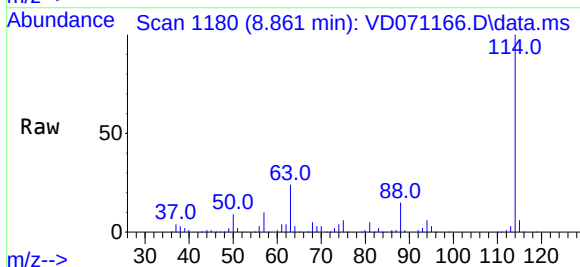
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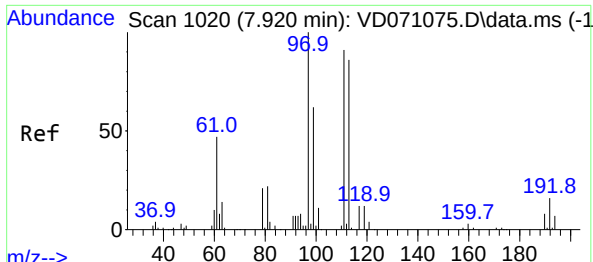
Tgt Ion: 65 Resp: 162769
Ion Ratio Lower Upper
65 100
67 50.6 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion: 114 Resp: 543689
Ion Ratio Lower Upper
114 100
63 24.0 0.0 41.8
88 15.5 0.0 32.8

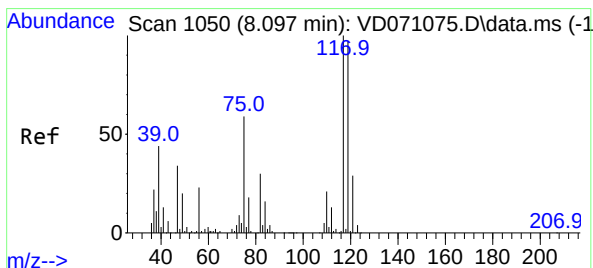
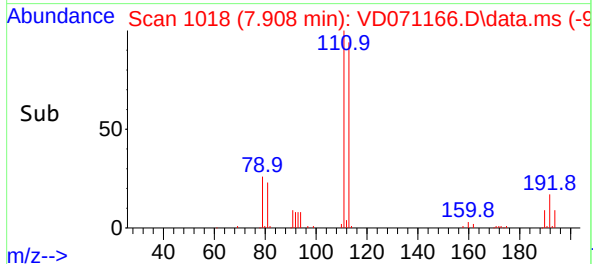
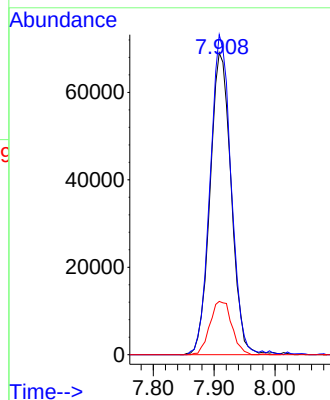
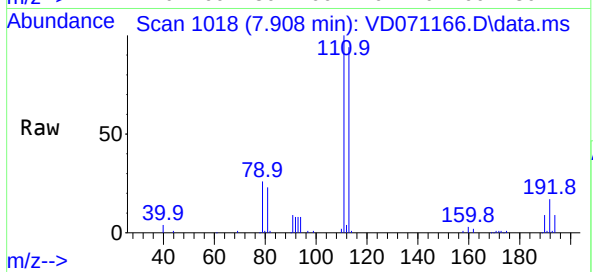




#35
Dibromofluoromethane
Concen: 48.037 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

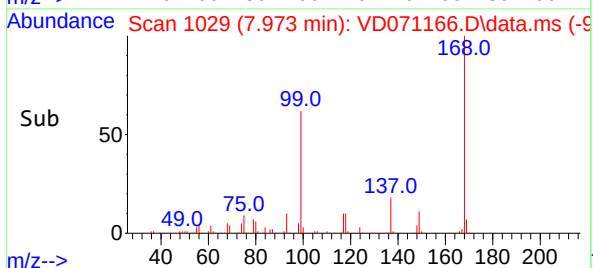
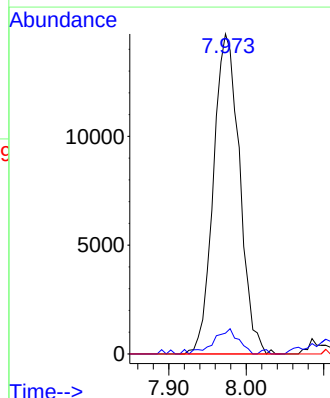
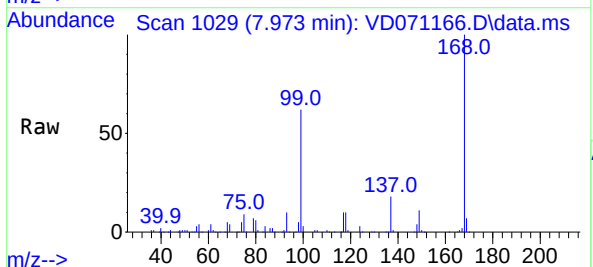
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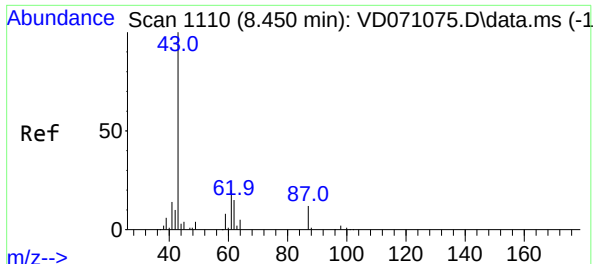
Tgt Ion:113 Resp: 166312
Ion Ratio Lower Upper
113 100
111 104.7 82.0 123.0
192 18.3 15.2 22.8



#38
Carbon Tetrachloride
Concen: 6.872 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion:117 Resp: 34423
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 23.6 35.4#

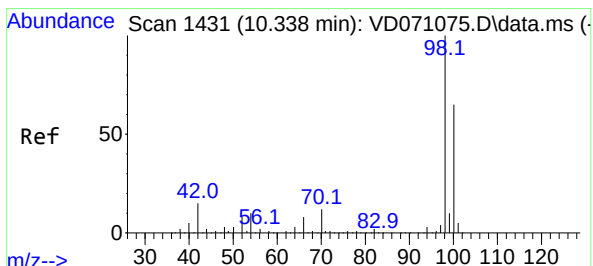
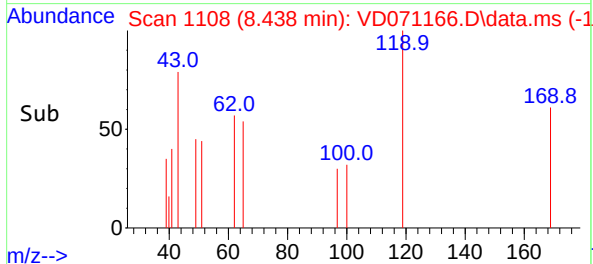
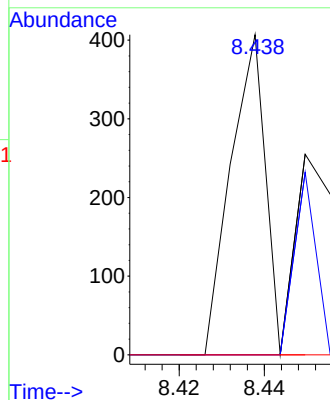
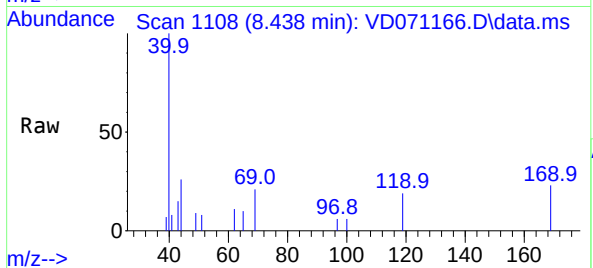




#43
Isopropyl Acetate
Concen: 5.265 ug/l
RT: 8.438 min Scan# 1110
Delta R.T. -0.012 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

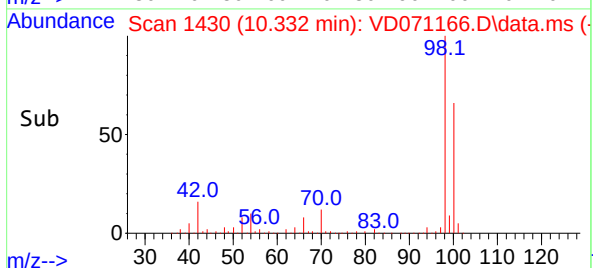
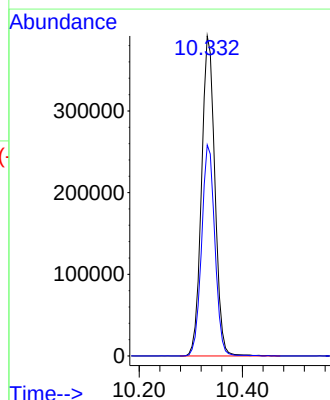
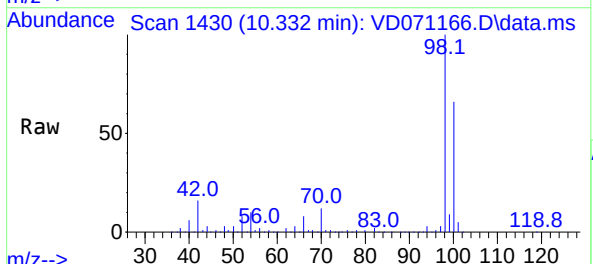
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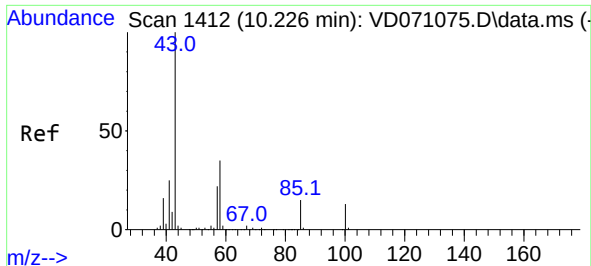
Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.188 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion: 98 Resp: 700764
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6

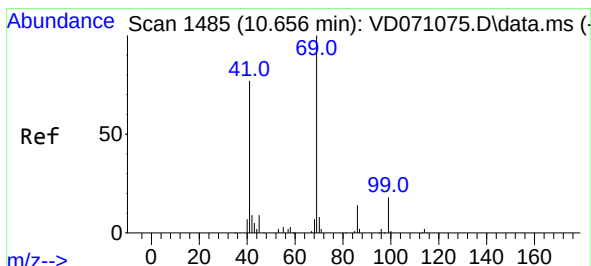
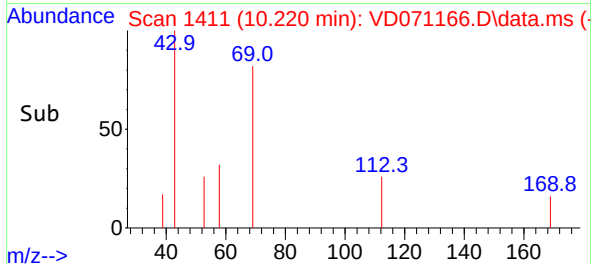
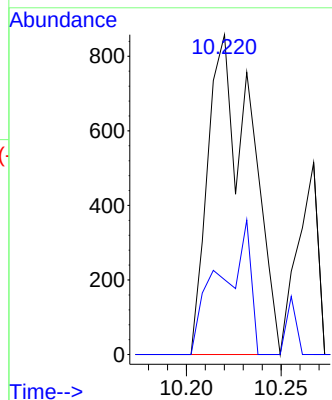
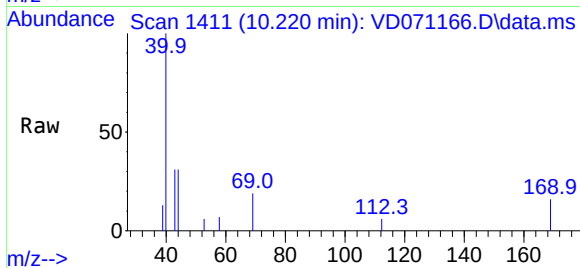




#51
4-Methyl-2-Pentanone
Concen: 31.129 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

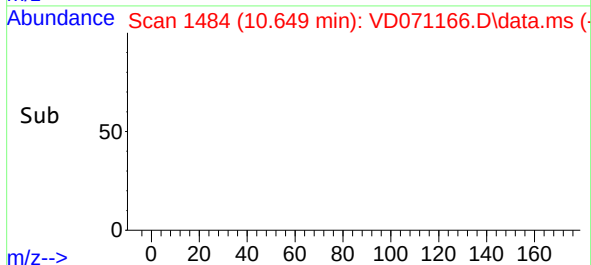
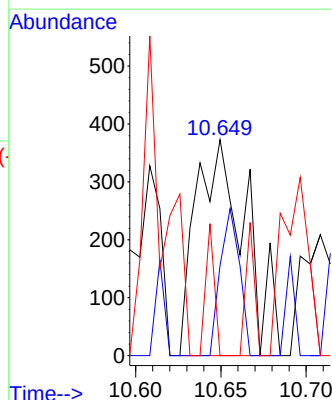
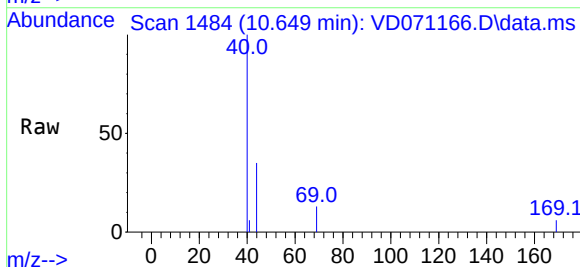
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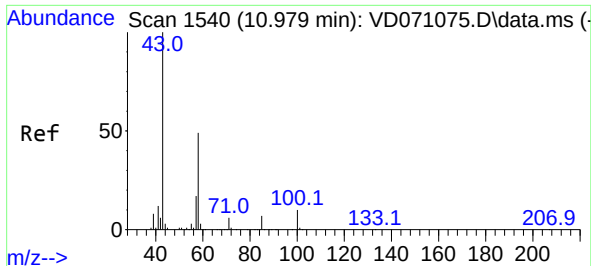
Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 29.6 33.1 49.7#



#56
Ethyl methacrylate
Concen: 6.158 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.007 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion: 69 Resp: 759
Ion Ratio Lower Upper
69 100
41 26.2 50.2 75.2#
39 10.5 19.8 29.8#

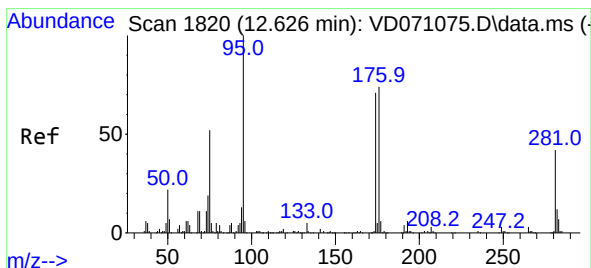
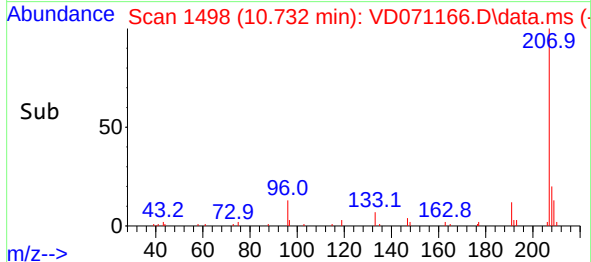
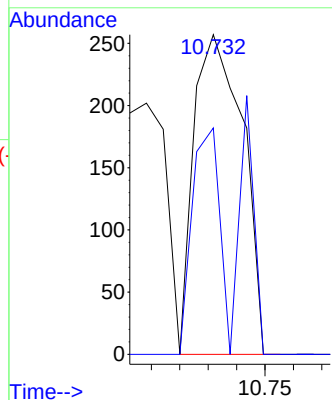
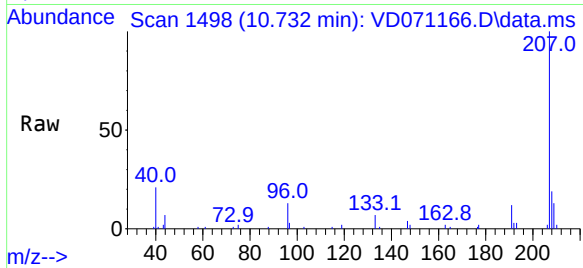




#59
2-Hexanone
Concen: 34.716 ug/l
RT: 10.732 min Scan# 1498
Delta R.T. -0.247 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

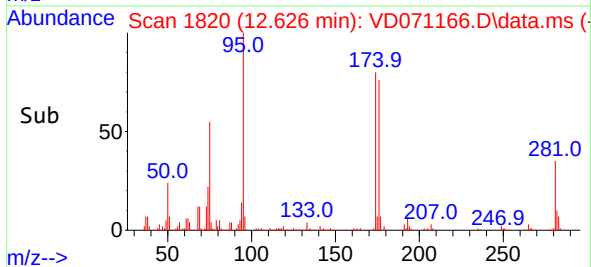
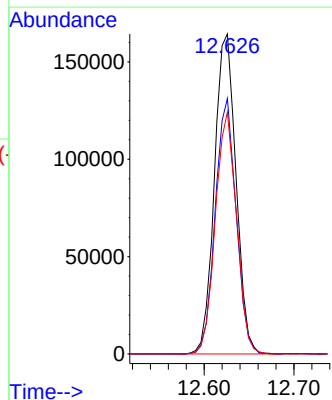
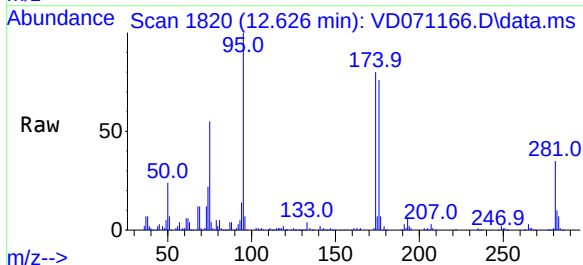
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-13RE

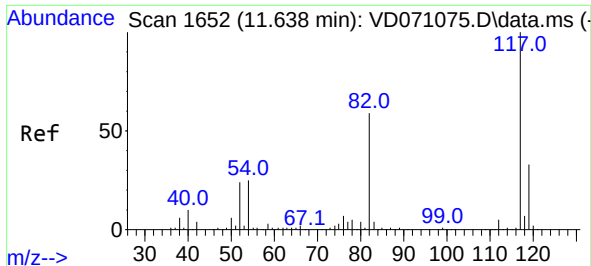
Tgt Ion: 43 Resp: 307
Ion Ratio Lower Upper
43 100
58 39.7 28.7 86.1



#62
4-Bromofluorobenzene
Concen: 59.915 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion: 95 Resp: 273633
Ion Ratio Lower Upper
95 100
174 77.6 0.0 159.4
176 74.3 0.0 154.0

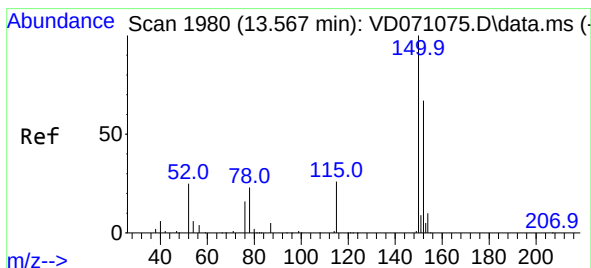
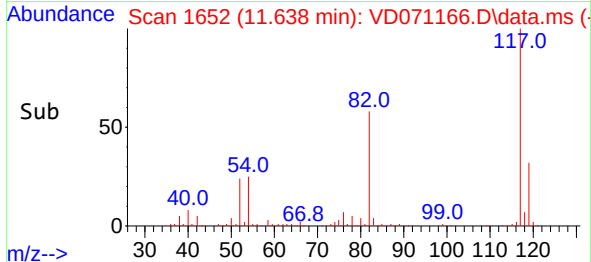
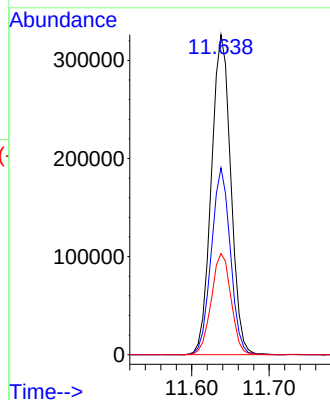
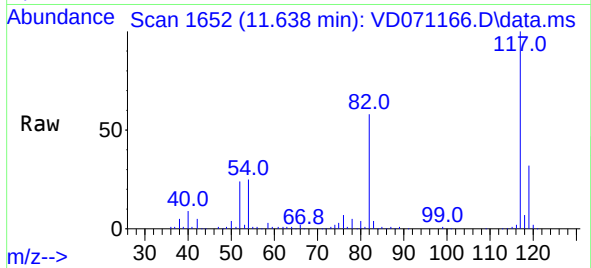




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

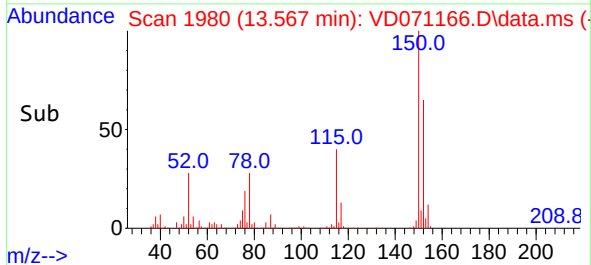
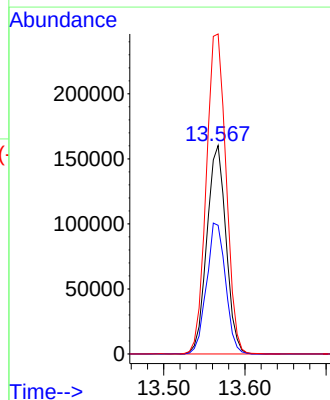
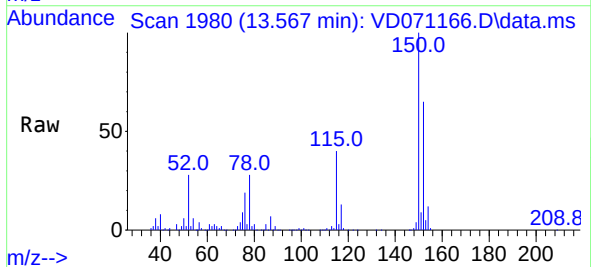
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-13RE

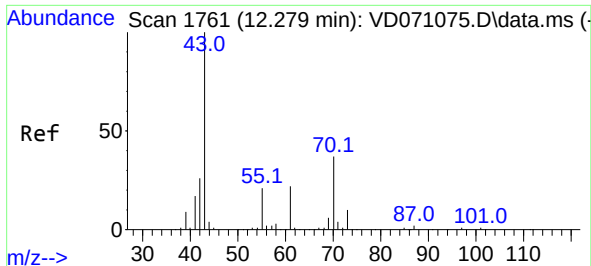
Tgt Ion:117 Resp: 568528
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 31.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Tgt Ion:152 Resp: 262058
Ion Ratio Lower Upper
152 100
115 62.3 29.8 89.3
150 158.5 0.0 349.2

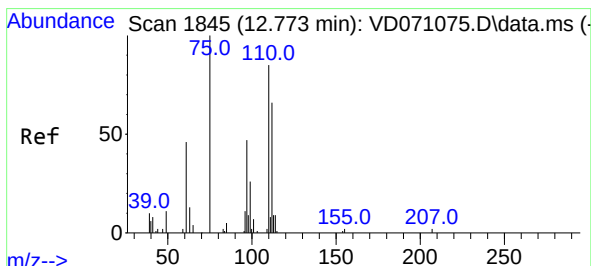
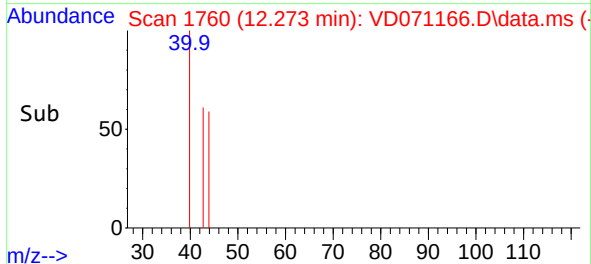
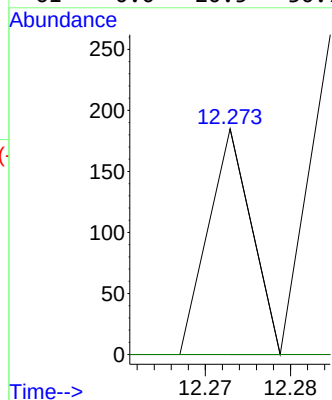
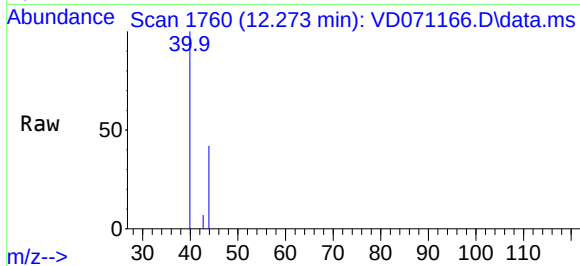




#74
N-amy1 acetate
Concen: 5.712 ug/l
RT: 12.273 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

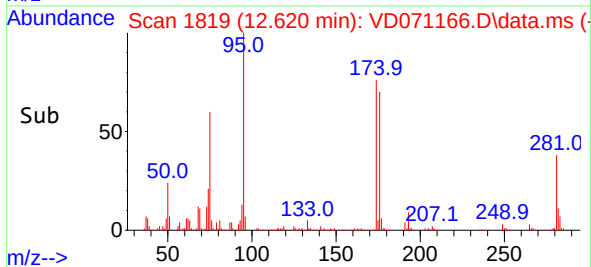
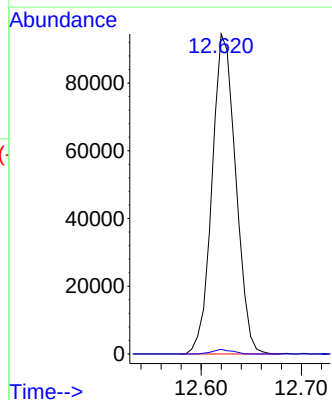
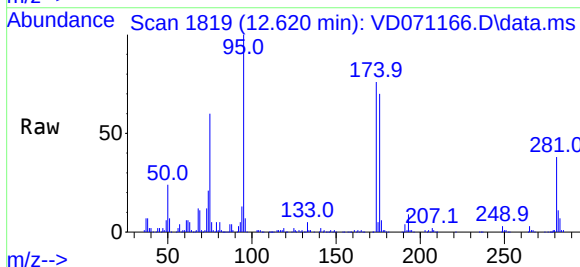
Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-13RE

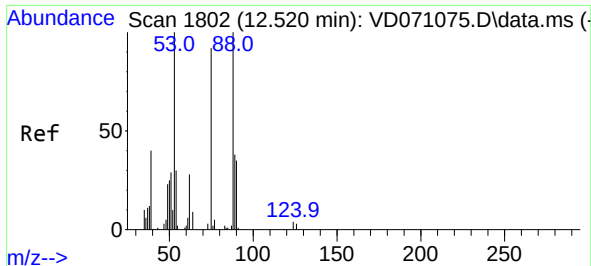
Tgt Ion: 43	Resp: 65
Ion Ratio	Lower Upper
43 100	
70 0.0	36.6 55.0#
55 0.0	22.5 33.7#
61 0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 62.187 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

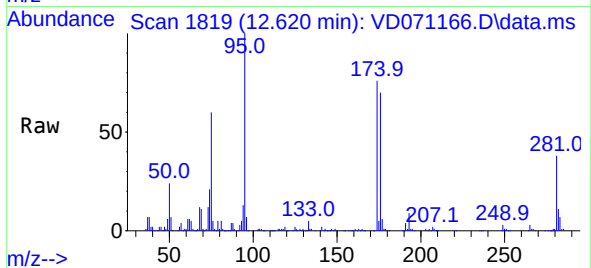
Tgt Ion: 75	Resp: 155267
Ion Ratio	Lower Upper
75 100	
77 1.2	158.4 475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.429 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD071166.D
Acq: 06 Dec 2021 12:41

Instrument :
MSVOA_D
ClientSampleId :
PH1-BOT-13RE



Tgt Ion: 75 Resp: 155267
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.7 34.5 51.7#

