

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071021.D
 Acq On : 15 Nov 2021 11:29
 Operator : VA/SY
 Sample : VD1115SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 14:35:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

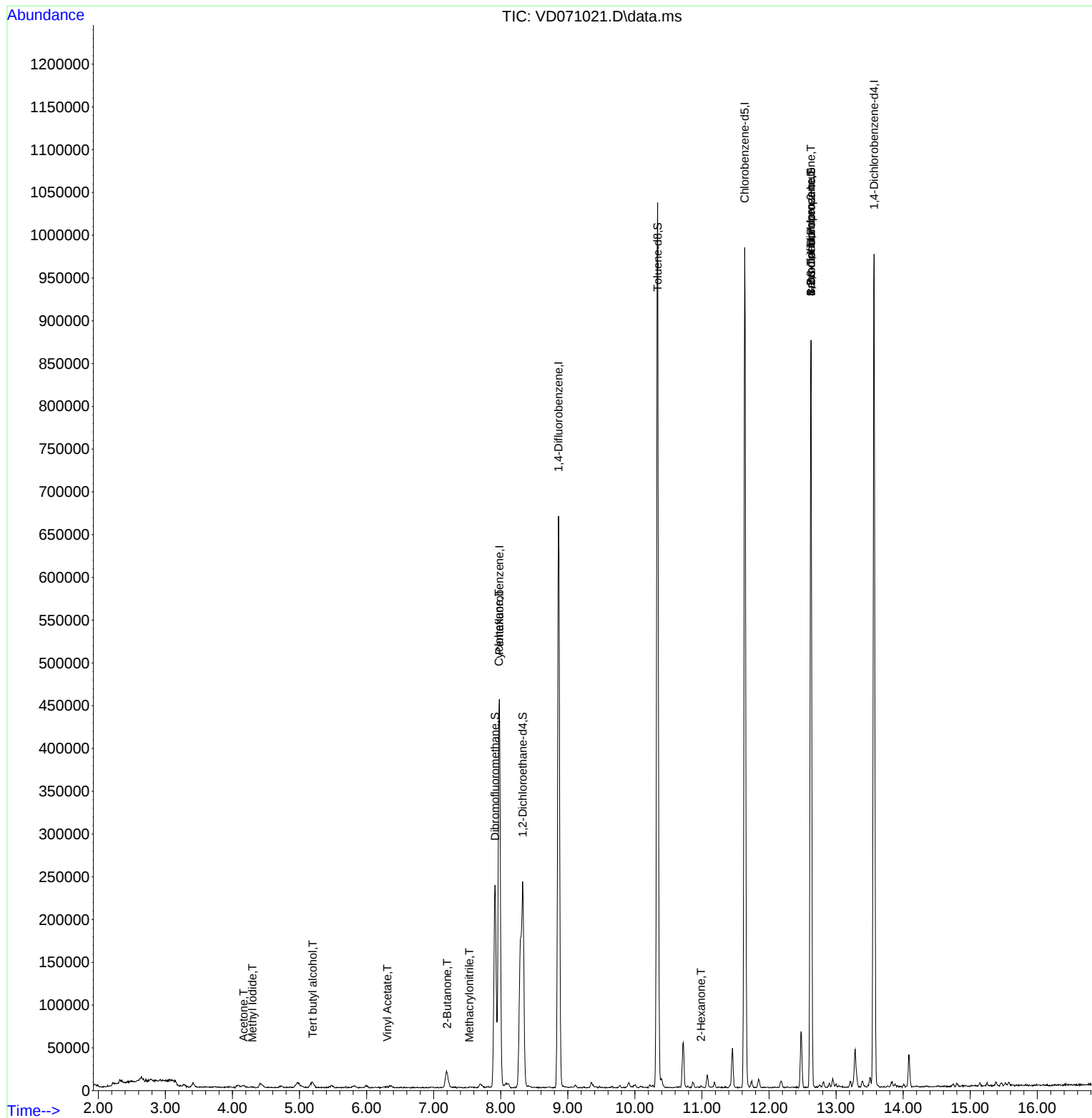
Internal Standards						
1) Pentafluorobenzene	7.979	168	327342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	548146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171008	49.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.140%
35) Dibromofluoromethane	7.914	113	165766	53.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.180%
50) Toluene-d8	10.338	98	678740	56.033	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.060%
62) 4-Bromofluorobenzene	12.626	95	253618	58.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.300%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	365	6.106	ug/l #	80
11) Tert butyl alcohol	5.197	59	6714	26.359	ug/l #	73
13) Acrolein	3.891	56	75	Below Cal	#	13
16) Acetone	4.167	43	4208	23.913	ug/l #	77
23) Vinyl Acetate	6.309	43	1251	21.149	ug/l #	72
25) 2-Butanone	7.203	43	293	20.589	ug/l #	45
31) Cyclohexane	7.973	56	11314	1.579	ug/l #	32
41) Methacrylonitrile	7.532	41	148	3.590	ug/l #	34
59) 2-Hexanone	10.985	43	847	16.377	ug/l	96
71) Bromoform	12.626	173	2347	1.345	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	139723	67.350	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	139723	124.388	ug/l #	18

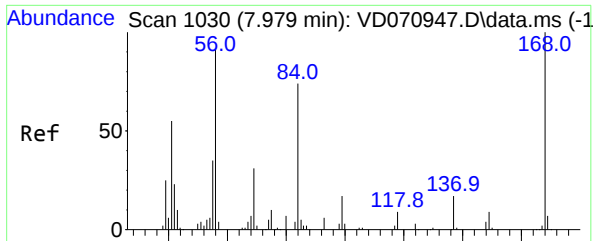
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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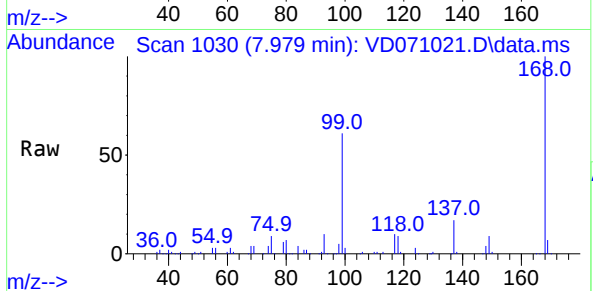
Quant Time: Nov 15 14:35:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



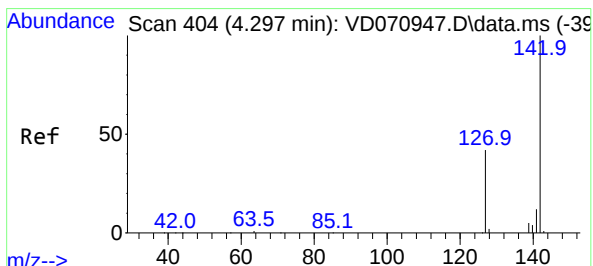
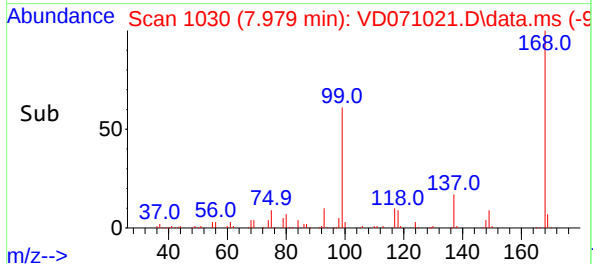
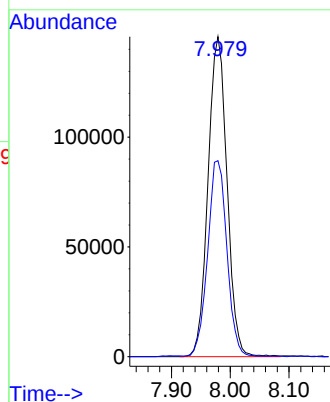


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :

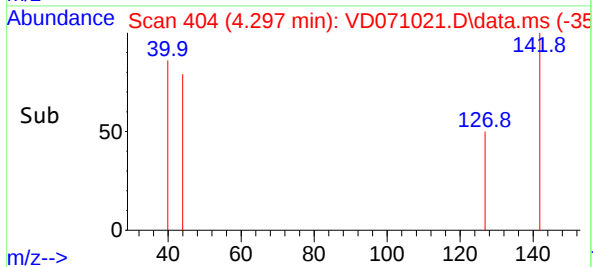
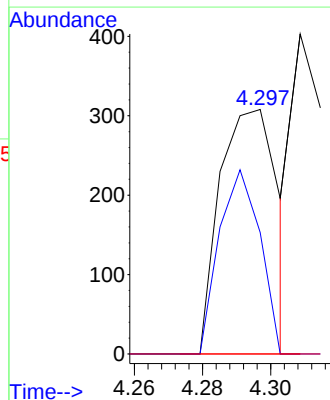
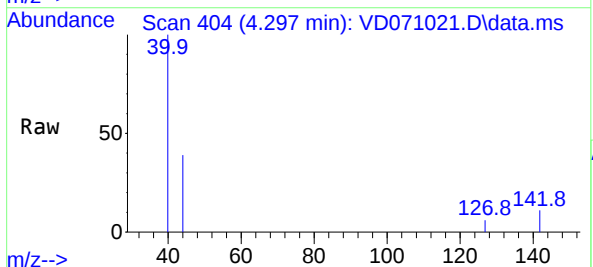


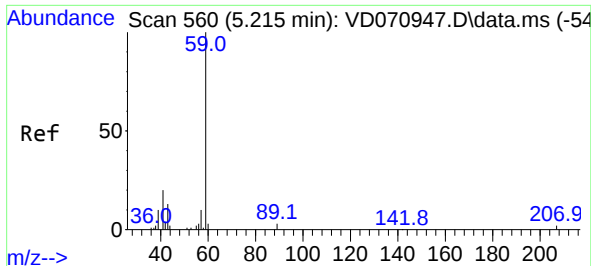
Tgt Ion:168 Resp: 327342
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#10
Methyl Iodide
Concen: 6.106 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

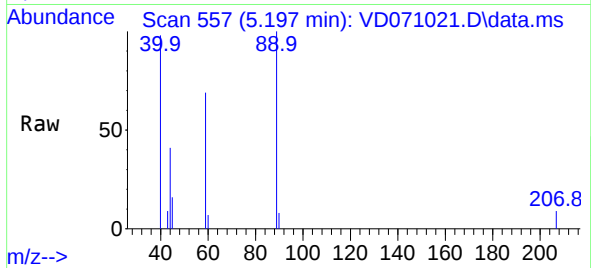
Tgt Ion:142 Resp: 365
Ion Ratio Lower Upper
142 100
127 52.6 35.0 52.4#
141 0.0 12.0 18.0#



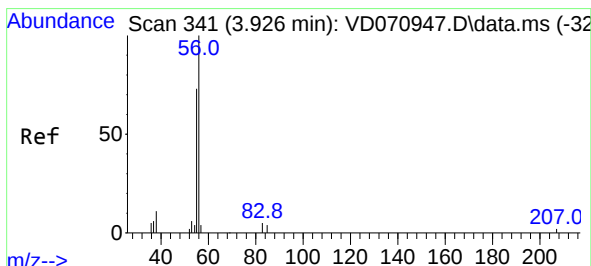
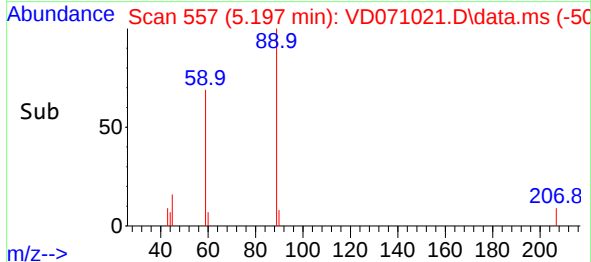
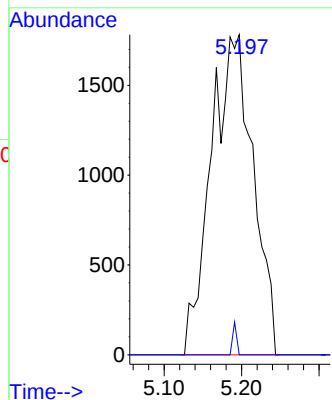


#11
Tert butyl alcohol
Concen: 26.359 ug/l
RT: 5.197 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :

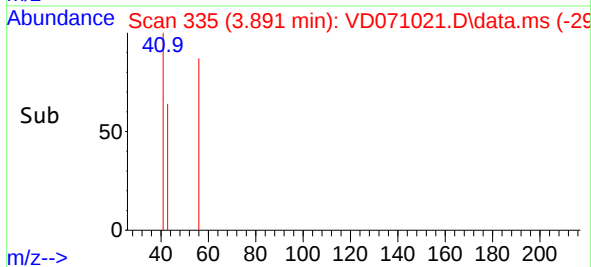
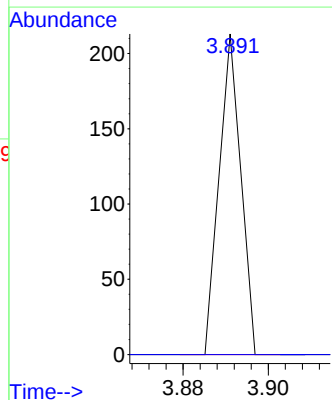
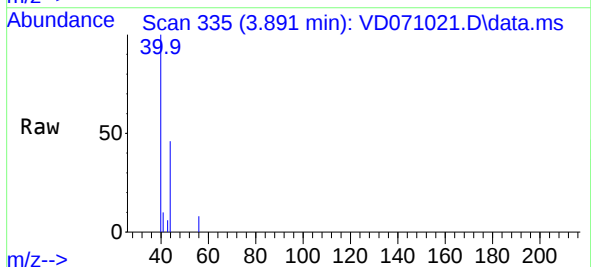


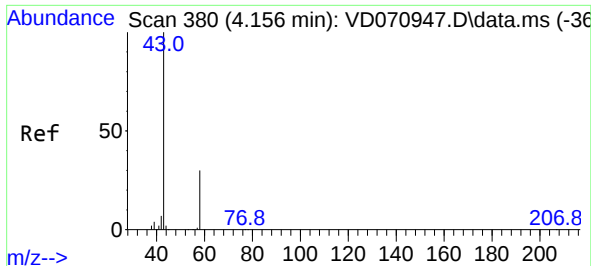
Tgt Ion: 59 Resp: 6714
Ion Ratio Lower Upper
59 100
57 1.0 9.0 13.4#



#13
Acrolein
Concen: Below Cal
RT: 3.891 min Scan# 335
Delta R.T. -0.035 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

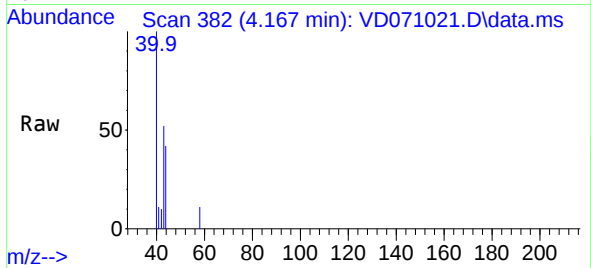
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



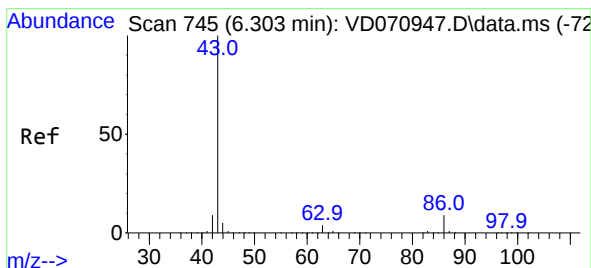
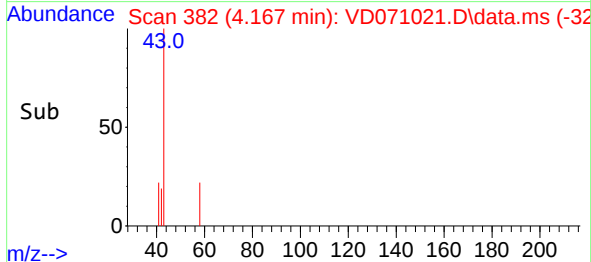
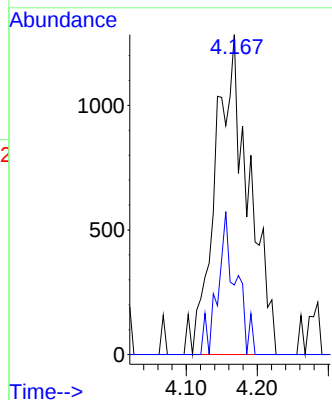


#16
Acetone
Concen: 23.913 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.011 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :

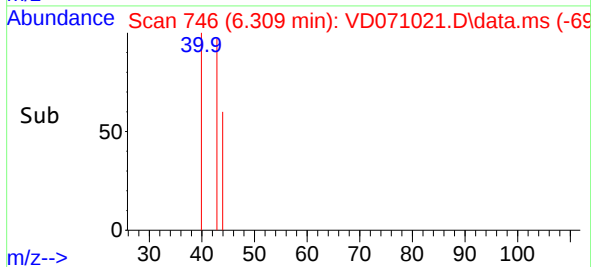
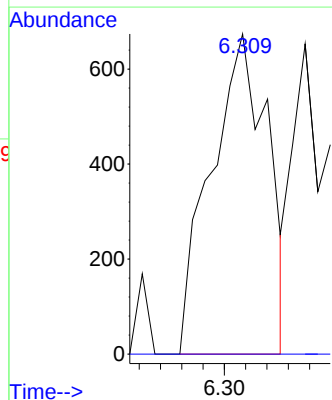
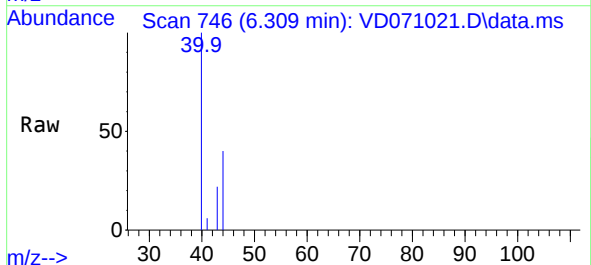


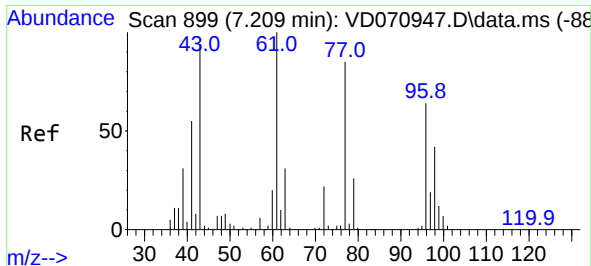
Tgt Ion: 43 Resp: 4208
Ion Ratio Lower Upper
43 100
58 21.7 27.8 41.8#



#23
Vinyl Acetate
Concen: 21.149 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

Tgt Ion: 43 Resp: 1251
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#

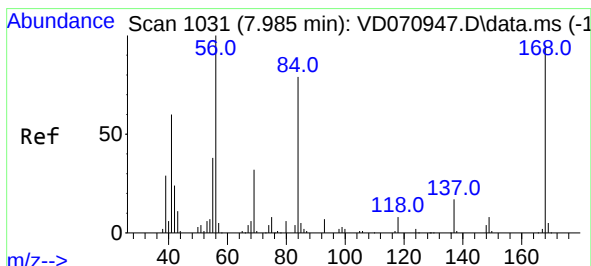
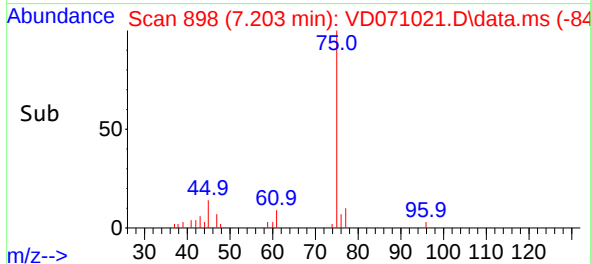
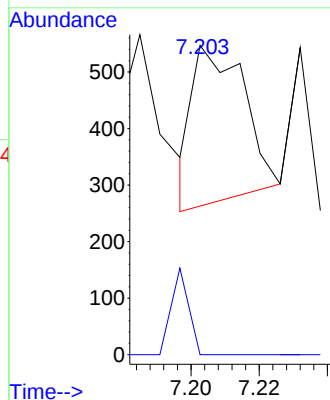
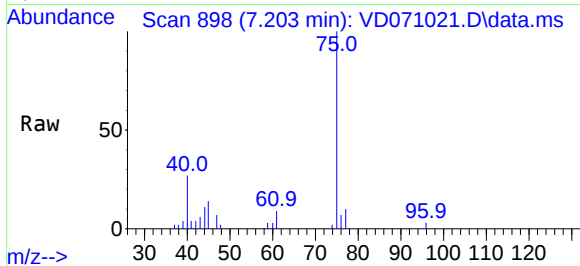




#25
2-Butanone
Concen: 20.589 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

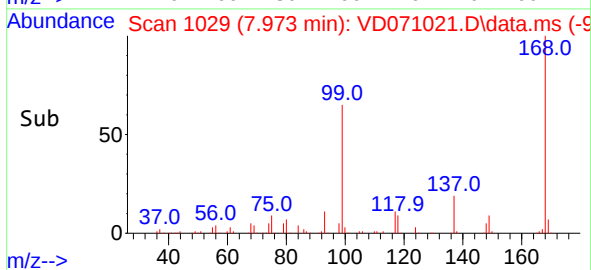
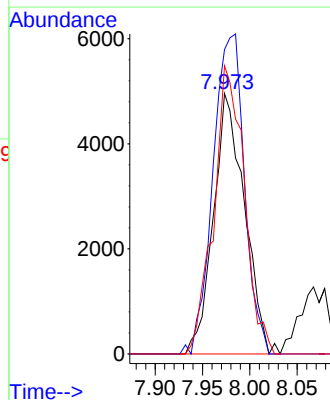
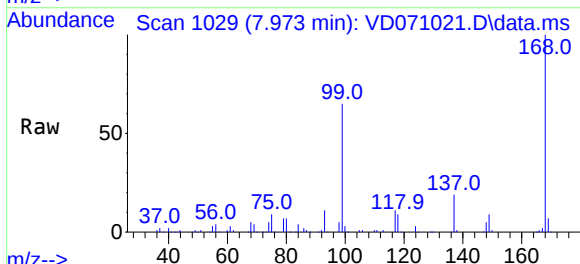
Instrument :
MSVOA_D
ClientSampleId :

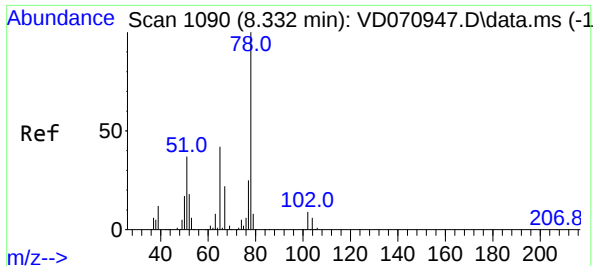
Tgt Ion: 43 Resp: 293
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.579 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

Tgt Ion: 56 Resp: 11314
Ion Ratio Lower Upper
56 100
69 116.9 25.9 38.9#
84 110.6 64.3 96.5#

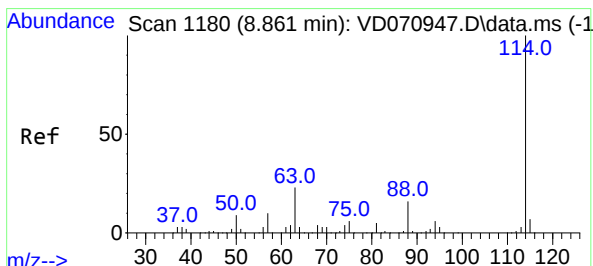
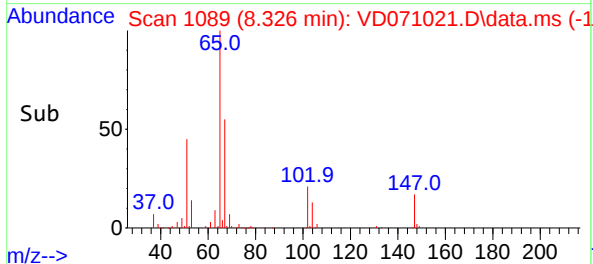
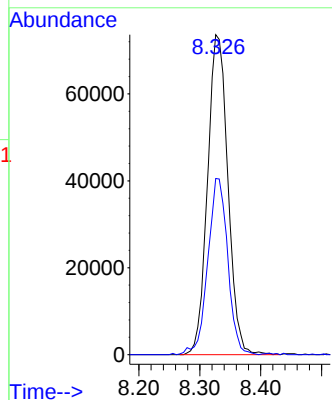
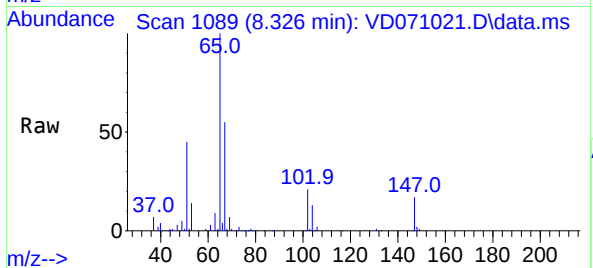




#33
1,2-Dichloroethane-d4
Concen: 49.066 ug/l
RT: 8.326 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

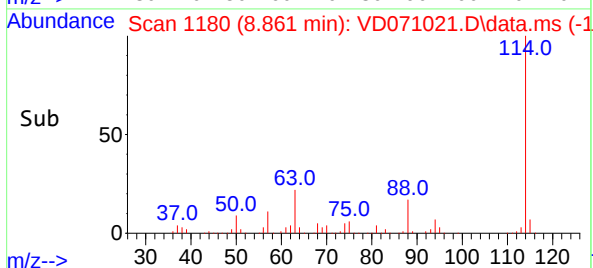
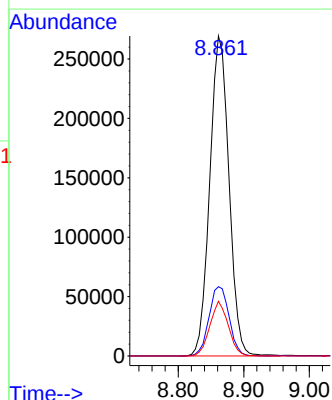
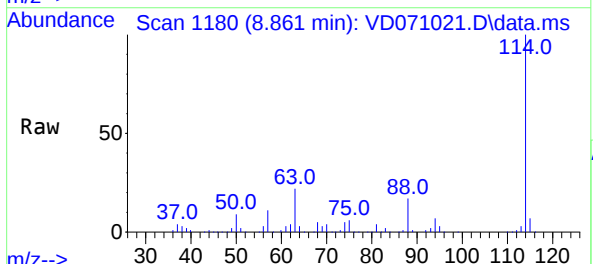
Instrument :
MSVOA_D
ClientSampleId :

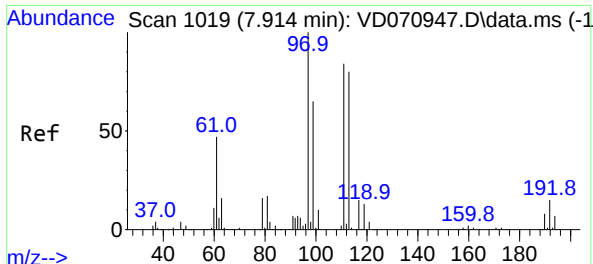
Tgt Ion: 65 Resp: 171008
Ion Ratio Lower Upper
65 100
67 53.9 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

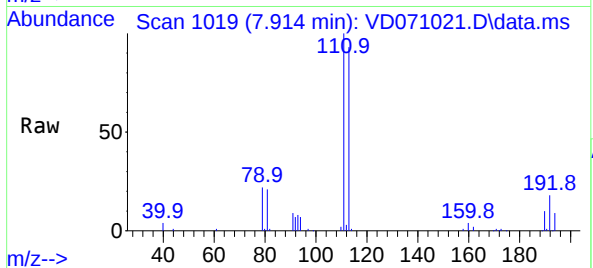
Tgt Ion: 114 Resp: 548146
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 17.1 0.0 32.8



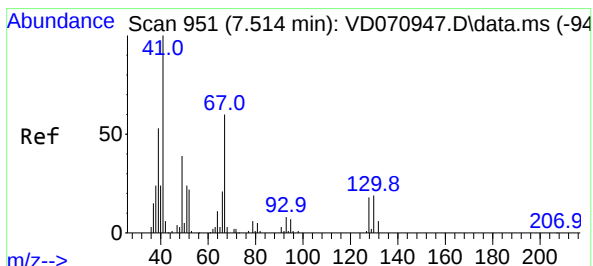
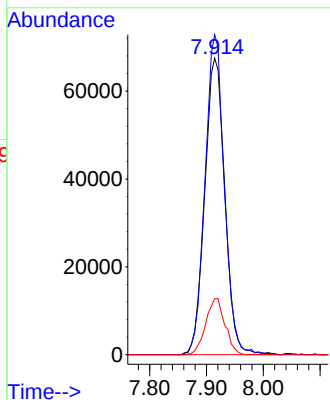
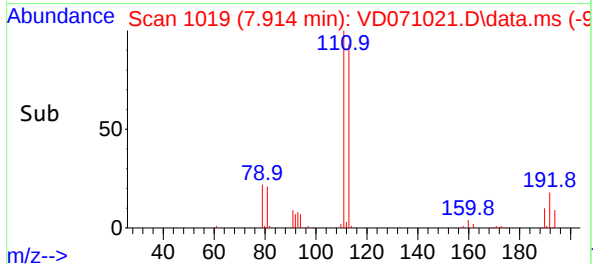


#35
Dibromofluoromethane
Concen: 53.593 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

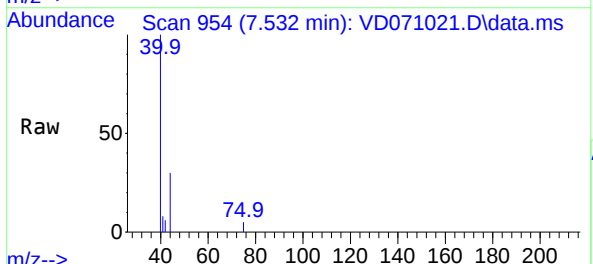
Instrument :
MSVOA_D
ClientSampleId :



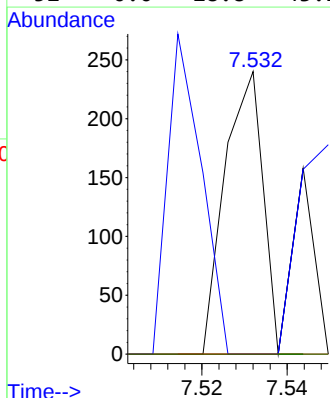
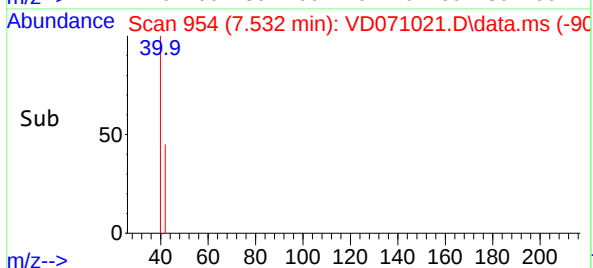
Tgt Ion:113 Resp: 165766
Ion Ratio Lower Upper
113 100
111 103.8 82.0 123.0
192 18.2 15.2 22.8

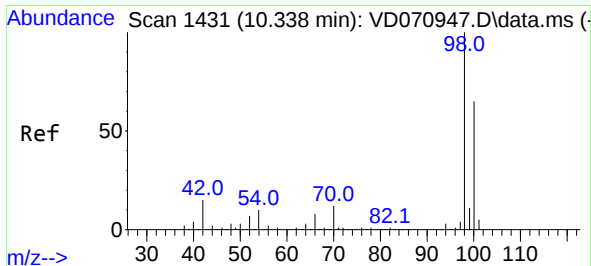


#41
Methacrylonitrile
Concen: 3.590 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.018 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29



Tgt Ion: 41 Resp: 148
Ion Ratio Lower Upper
41 100
39 101.4 60.2 90.4#
67 0.0 74.8 112.2#
52 0.0 28.8 43.2#

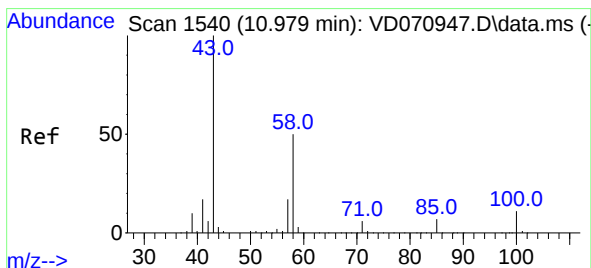
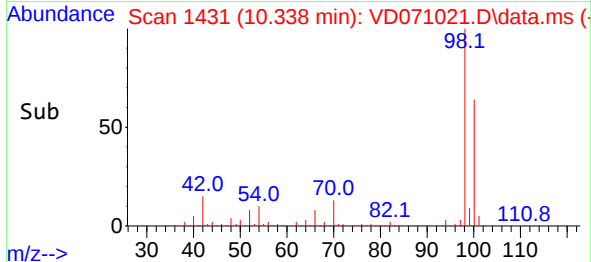
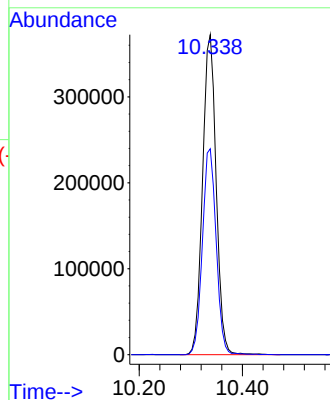
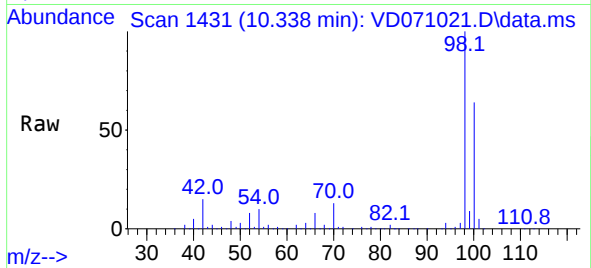




#50
Toluene-d8
Concen: 56.033 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

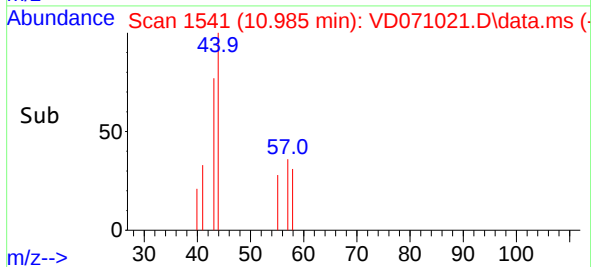
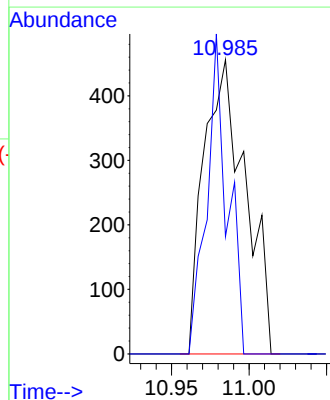
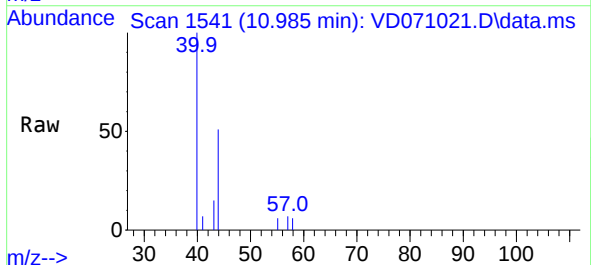
Instrument :
MSVOA_D
ClientSampleId :

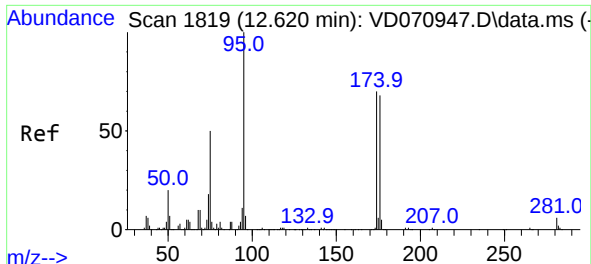
Tgt Ion: 98 Resp: 678740
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#59
2-Hexanone
Concen: 16.377 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 54.3 28.7 86.1

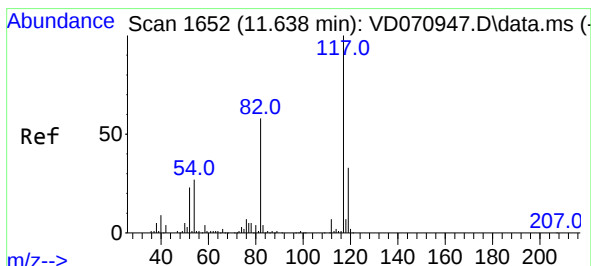
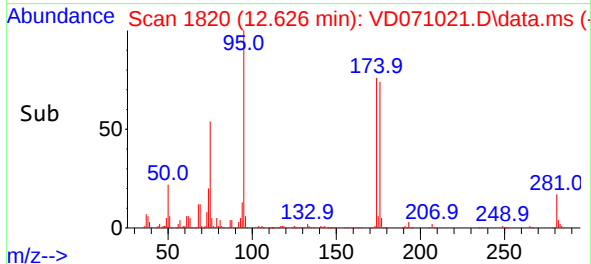
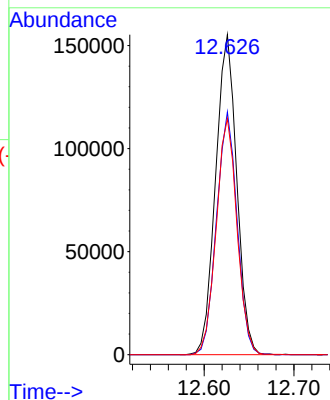
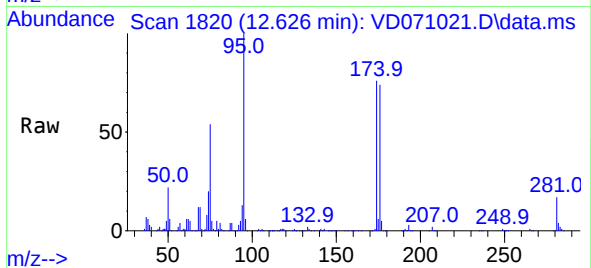




#62
4-Bromofluorobenzene
Concen: 58.149 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

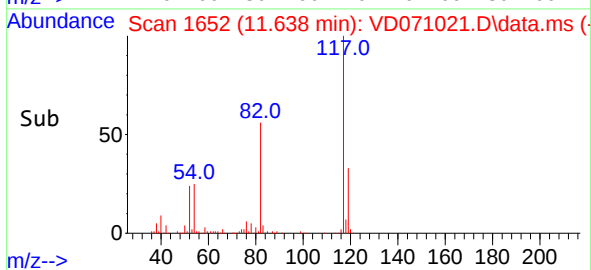
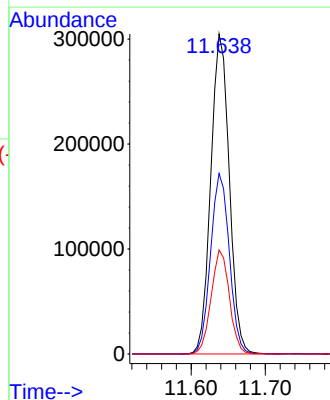
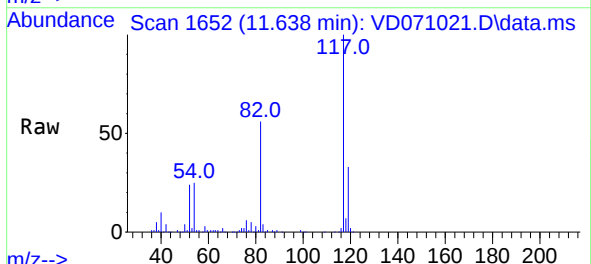
Instrument :
MSVOA_D
ClientSampleId :

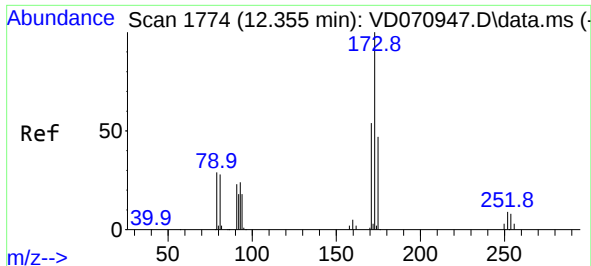
Tgt Ion: 95 Resp: 253618
Ion Ratio Lower Upper
95 100
174 73.9 0.0 159.4
176 72.6 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

Tgt Ion: 117 Resp: 528348
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 32.5 26.2 39.4

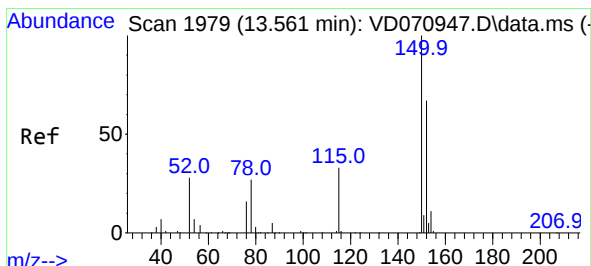
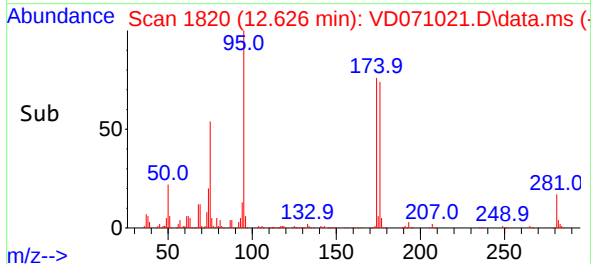
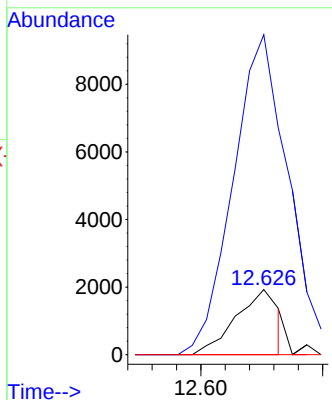
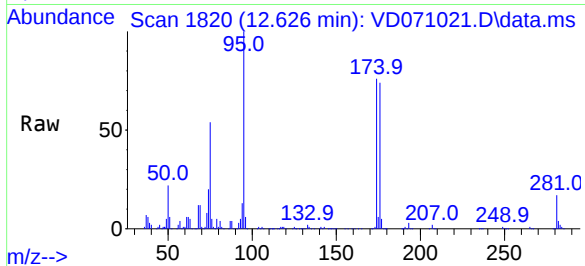




#71
Bromoform
Concen: 1.345 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.271 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

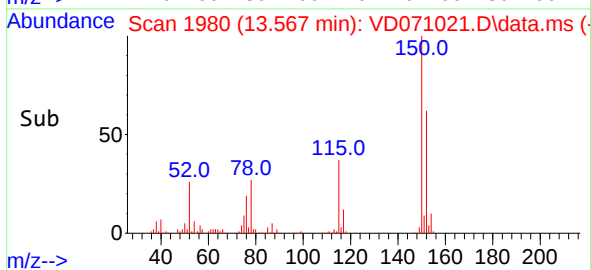
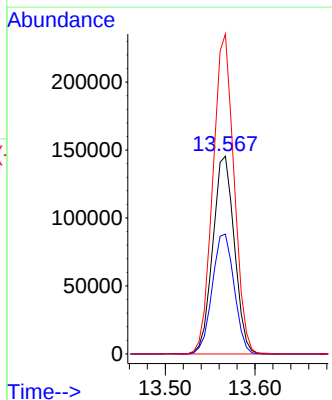
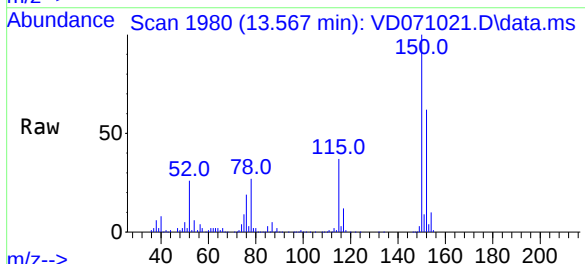
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:173 Resp: 2347
Ion Ratio Lower Upper
173 100
175 517.5 24.1 72.2#
254 0.0 0.1 0.1#

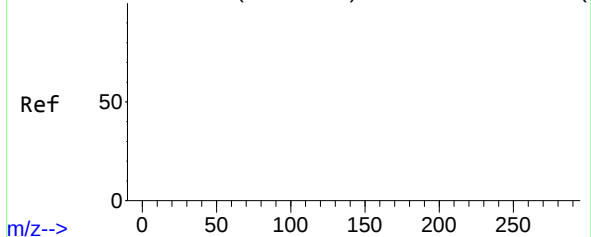


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

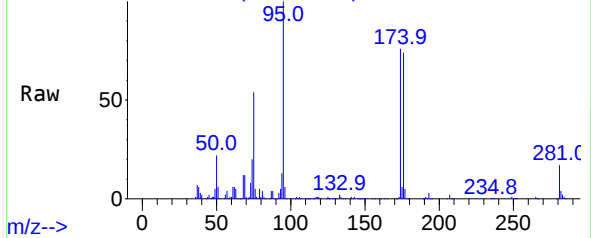
Tgt Ion:152 Resp: 242866
Ion Ratio Lower Upper
152 100
115 61.6 29.8 89.3
150 158.7 0.0 349.2



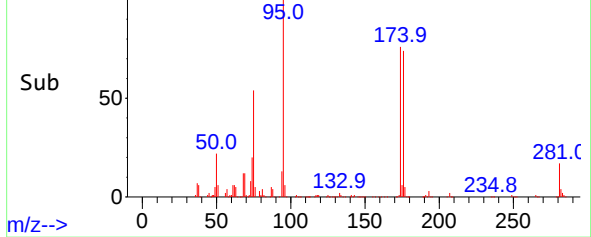
Abundance Scan 1847 (12.785 min): VD070947.D\data.ms (-



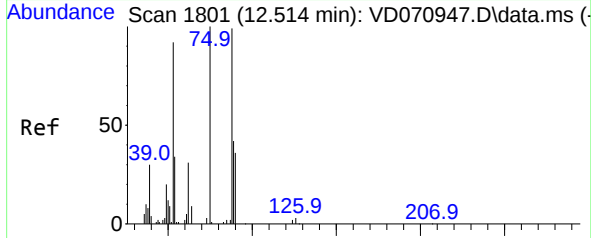
Ref 50



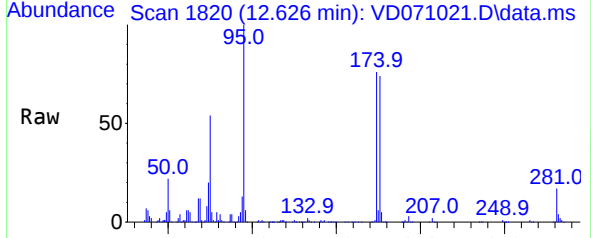
Raw 50



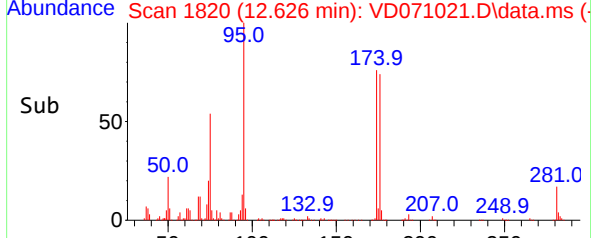
Sub 50



Ref 50



Raw 50

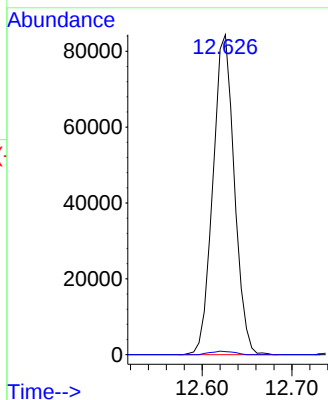


Sub 50

#76
1,2,3-Trichloropropane
Concen: 67.350 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 139723
Ion Ratio Lower Upper
75 100
77 1.2 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.388 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD071021.D
Acq: 15 Nov 2021 11:29

Tgt Ion: 75 Resp: 139723
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.4 34.5 51.7#

