

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071010.D
 Acq On : 12 Nov 2021 03:44
 Operator : VA/SY
 Sample : M4574-06
 Misc : 4.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 12 08:16:19 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)

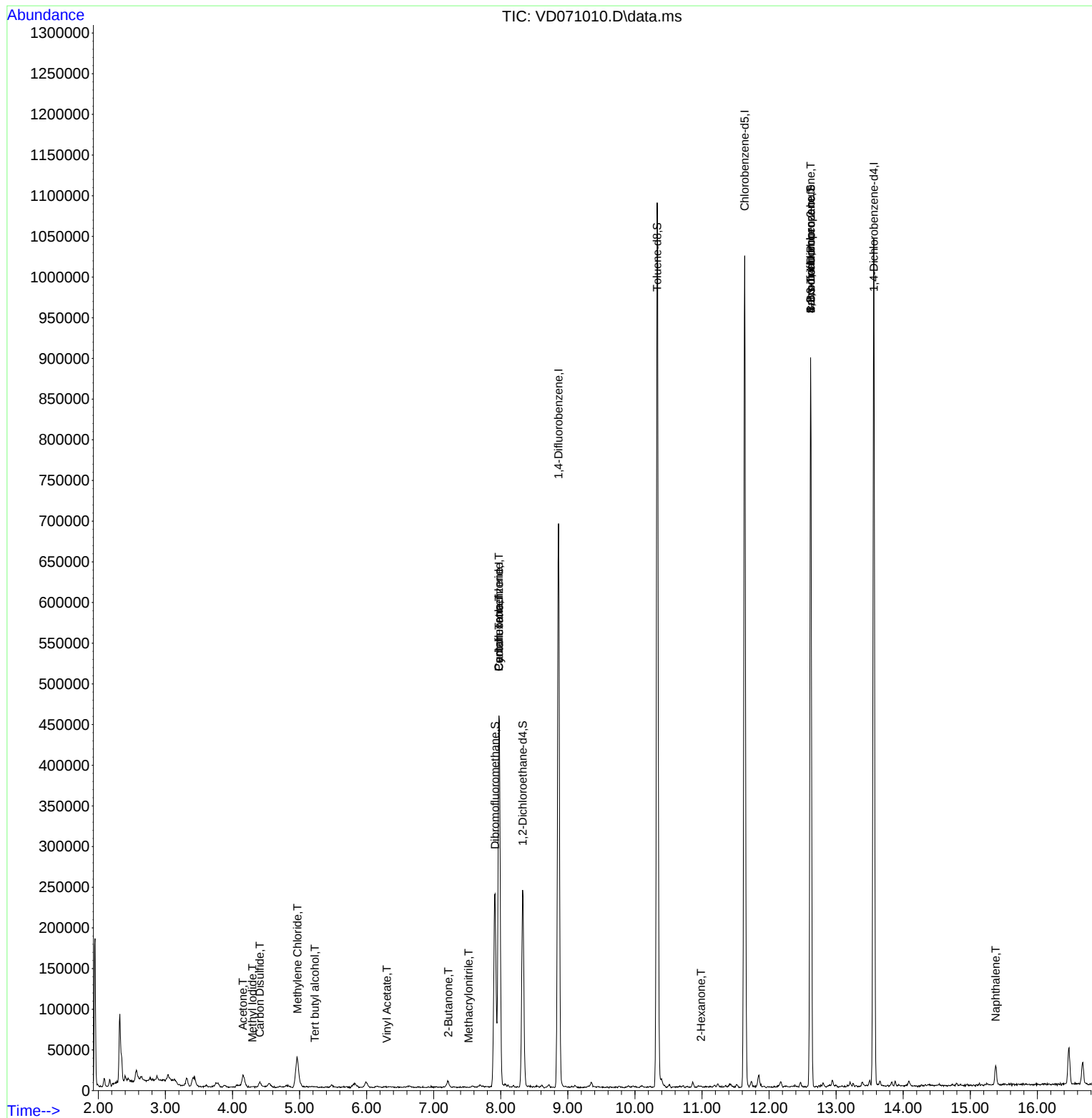
Internal Standards						
1) Pentafluorobenzene	7.973	168	325891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	560969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	554713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185784	53.543	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.080%			
35) Dibromofluoromethane	7.914	113	169926	53.682	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.360%			
50) Toluene-d8	10.332	98	705775	56.933	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.860%			
62) 4-Bromofluorobenzene	12.620	95	269534	60.386	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 120.780%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	692	6.183	ug/l #	33
11) Tert butyl alcohol	5.226	59	1056	4.164	ug/l #	71
13) Acrolein	3.903	56	60	Below Cal	#	1
16) Acetone	4.156	43	25127	44.488	ug/l	90
17) Carbon Disulfide	4.409	76	11524	1.153	ug/l	97
20) Methylene Chloride	4.967	84	26015	6.223	ug/l	94
23) Vinyl Acetate	6.303	43	87	20.994	ug/l #	72
25) 2-Butanone	7.220	43	9214	27.356	ug/l	94
31) Cyclohexane	7.973	56	10869	1.523	ug/l #	11
38) Carbon Tetrachloride	7.973	117	35929	7.790	ug/l #	17
41) Methacrylonitrile	7.520	41	60	3.539	ug/l #	12
59) 2-Hexanone	10.985	43	1055	16.473	ug/l	85
71) Bromoform	12.620	173	2007	1.096	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	146820	67.589	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	146820	124.816	ug/l #	18
95) Naphthalene	15.379	128	20915	2.582	ug/l	98

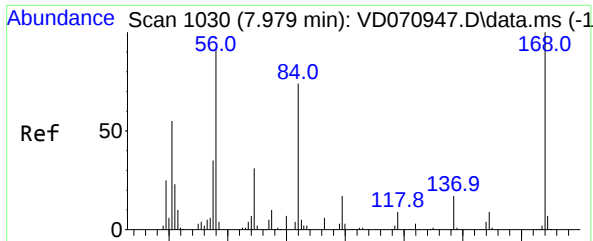
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071010.D
Acq On : 12 Nov 2021 03:44
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Misc : 4.93G/5.00ml/MSVOA_D/SOIL
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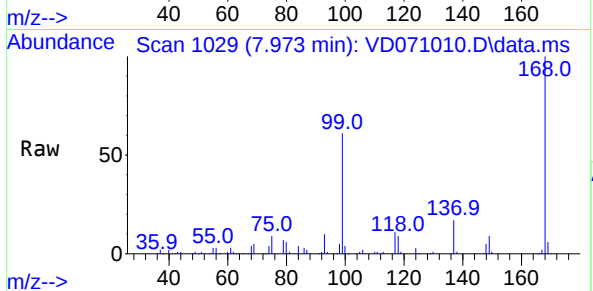
Quant Time: Nov 12 08:16:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



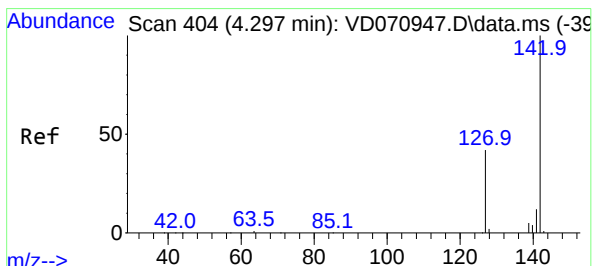
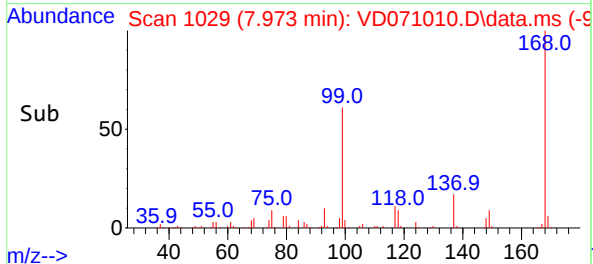
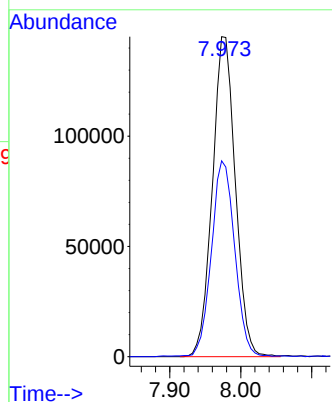


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Instrument :
MSVOA_D
ClientSampleId :

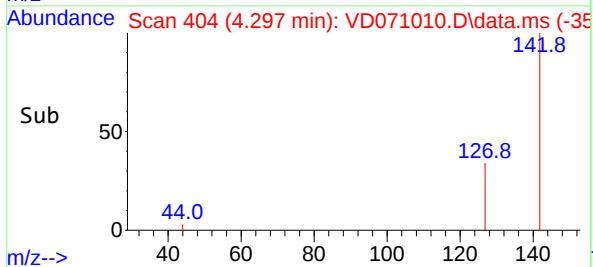
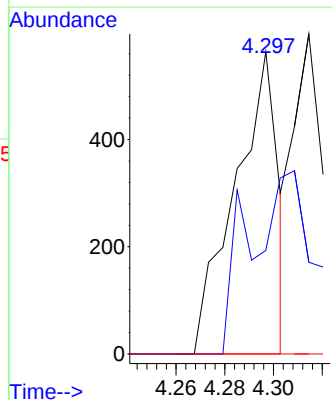
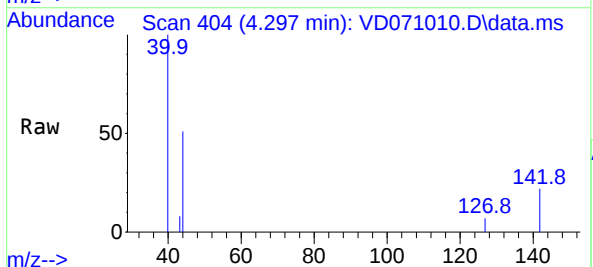


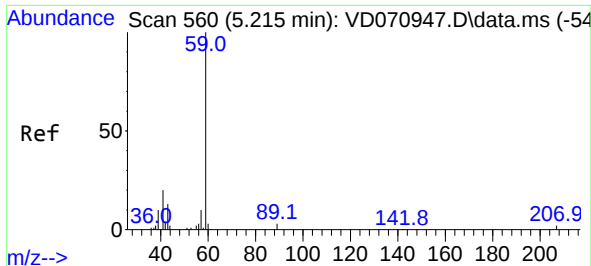
Tgt Ion:168 Resp: 325891
Ion Ratio Lower Upper
168 100
99 61.0 46.6 69.8



#10
Methyl Iodide
Concen: 6.183 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

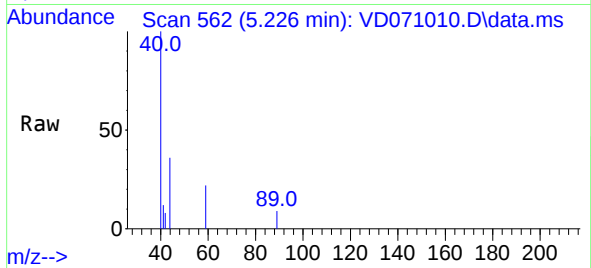
Tgt Ion:142 Resp: 692
Ion Ratio Lower Upper
142 100
127 93.9 35.0 52.4#
141 0.0 12.0 18.0#



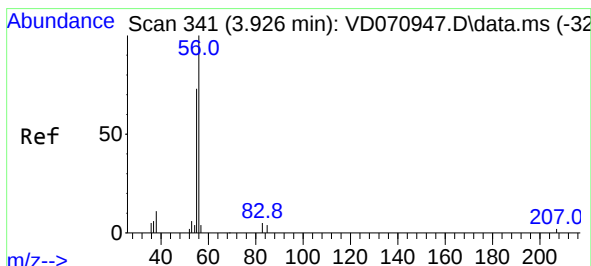
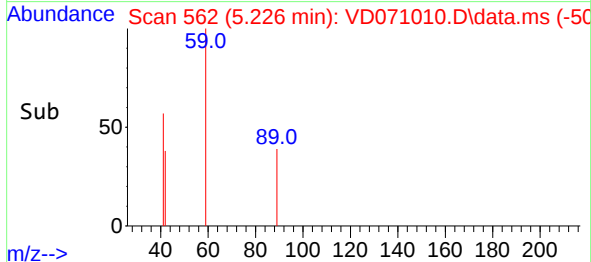
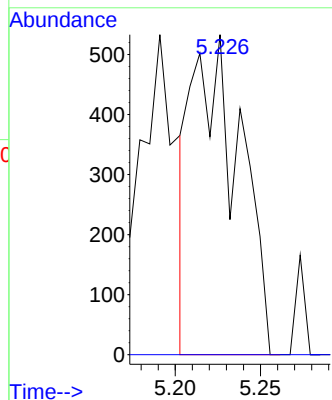


#11
Tert butyl alcohol
Concen: 4.164 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.011 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Instrument :
MSVOA_D
ClientSampleId :

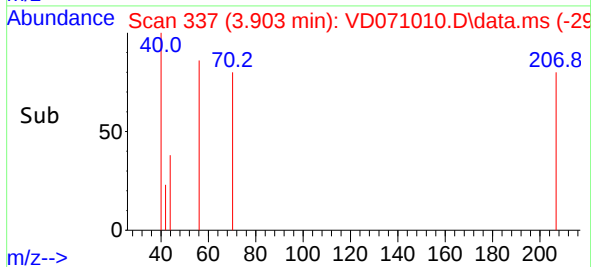
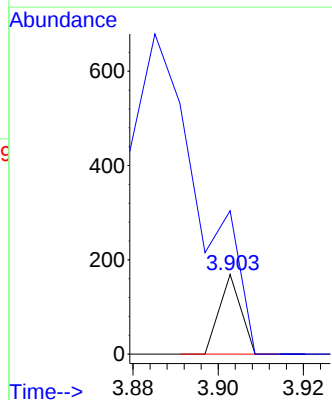
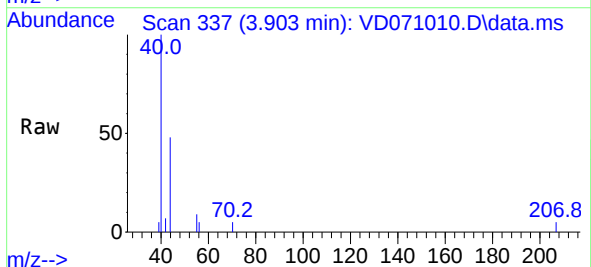


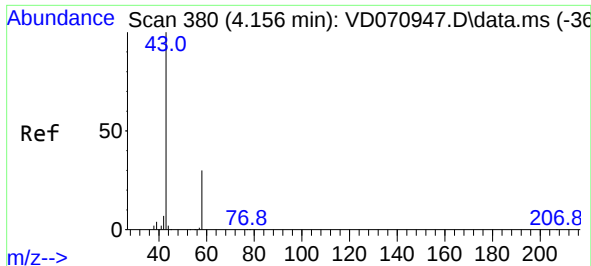
Tgt Ion: 59 Resp: 1056
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#13
Acrolein
Concen: Below Cal
RT: 3.903 min Scan# 337
Delta R.T. -0.023 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 2428.3 58.6 87.8#

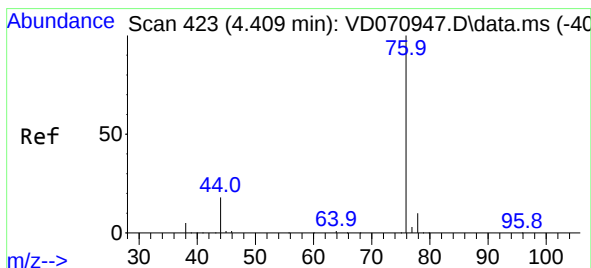
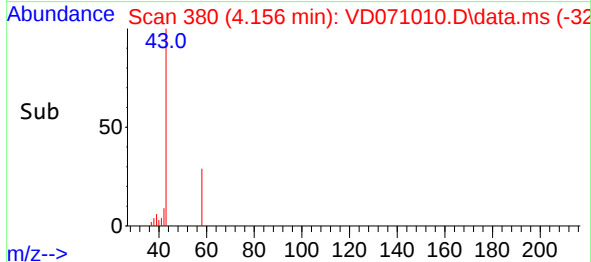
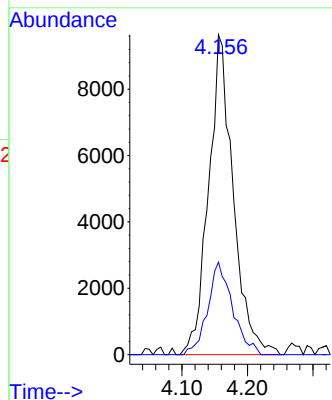
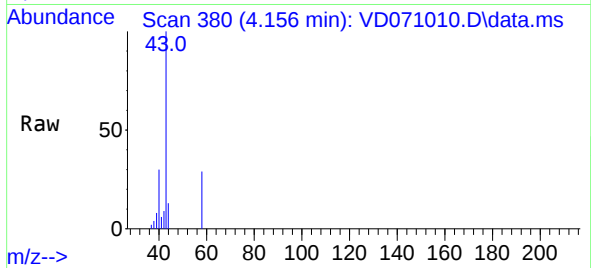




#16
Acetone
Concen: 44.488 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

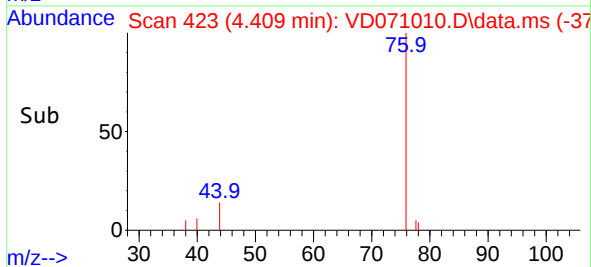
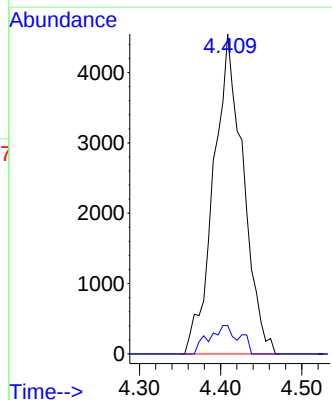
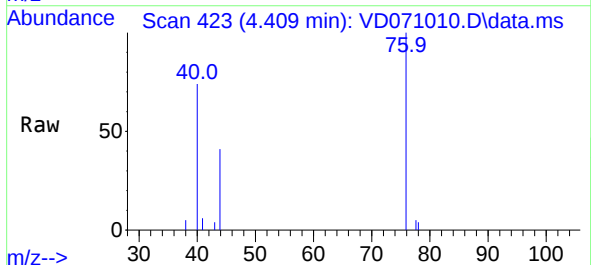
Instrument :
MSVOA_D
ClientSampleId :

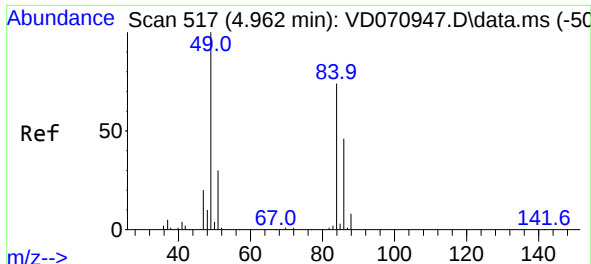
Tgt Ion: 43 Resp: 25127
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8



#17
Carbon Disulfide
Concen: 1.153 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

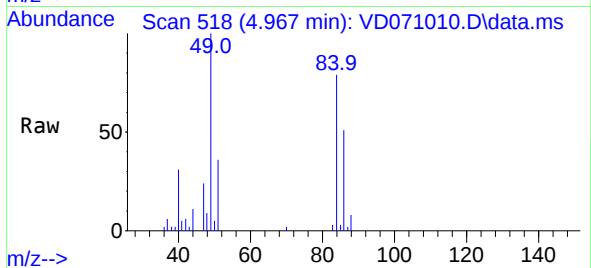
Tgt Ion: 76 Resp: 11524
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





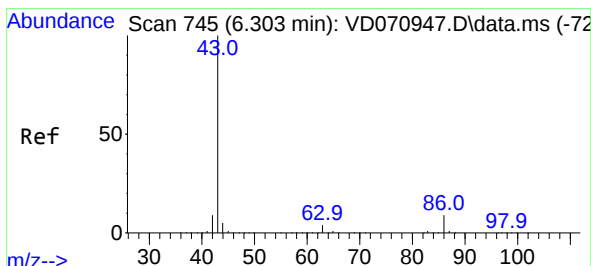
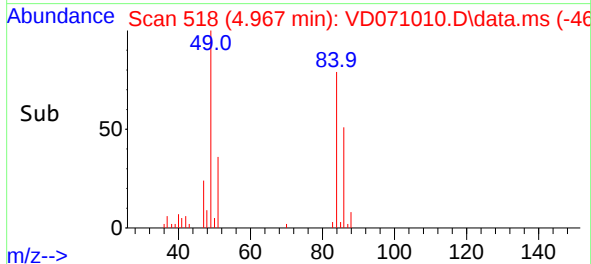
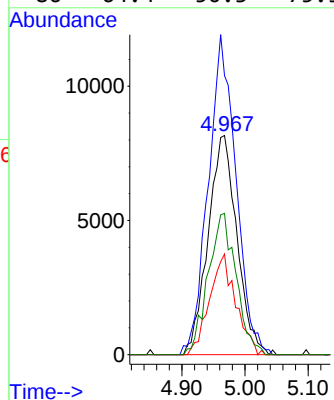
#20
Methylene Chloride
Concen: 6.223 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 26015

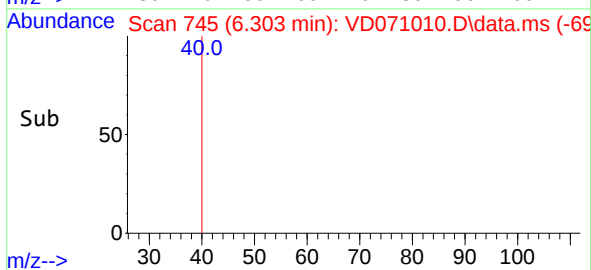
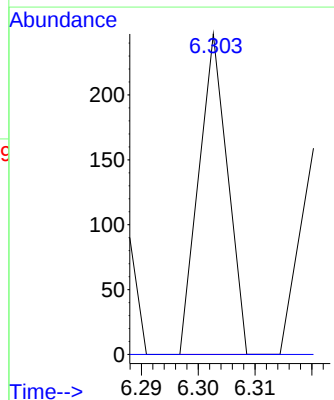
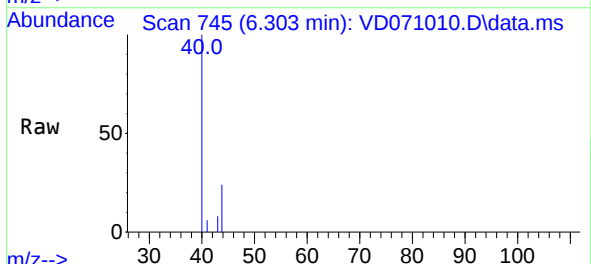
Ion	Ratio	Lower	Upper
84	100		
49	127.3	95.8	143.6
51	45.9	30.9	46.3
86	64.4	50.3	75.5

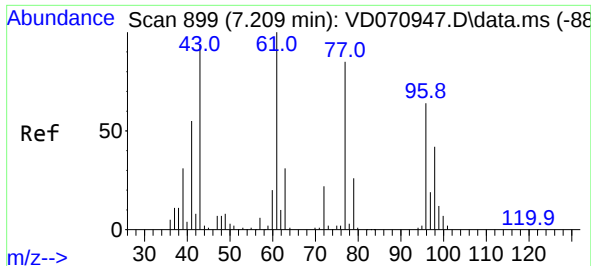


#23
Vinyl Acetate
Concen: 20.994 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.000 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Tgt Ion: 43 Resp: 87

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4

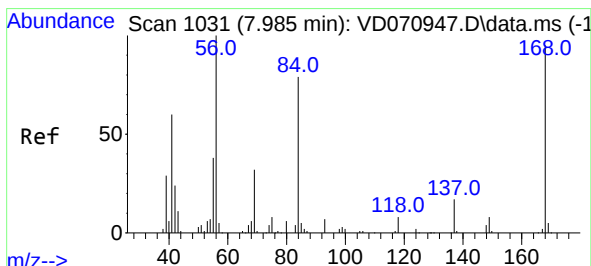
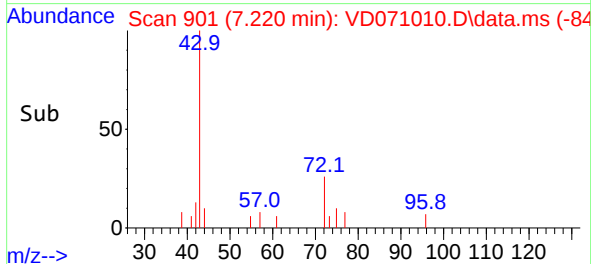
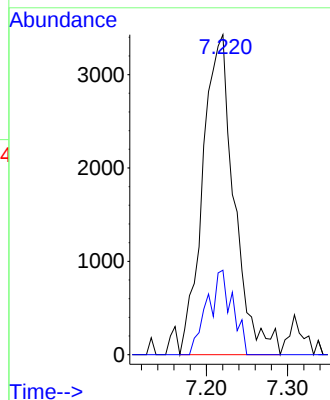
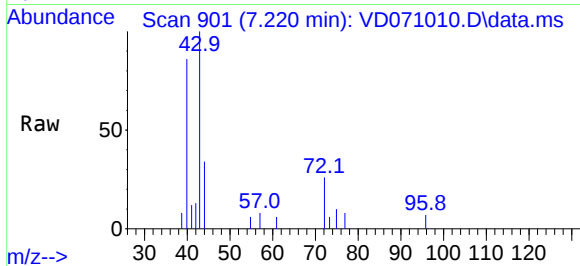




#25
2-Butanone
Concen: 27.356 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.011 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

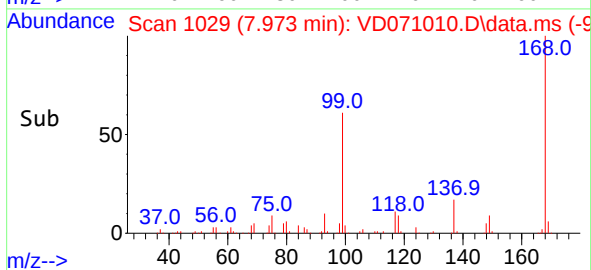
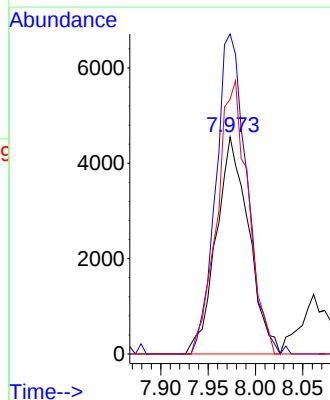
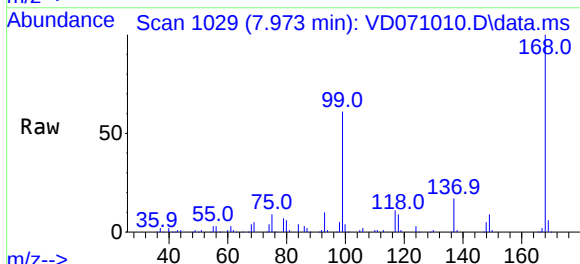
Instrument :
MSVOA_D
ClientSampleId :

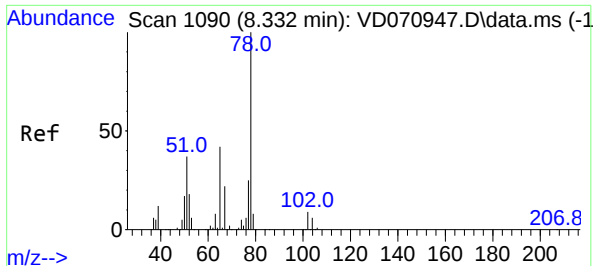
Tgt Ion: 43 Resp: 9214
Ion Ratio Lower Upper
43 100
72 26.4 23.8 35.6



#31
Cyclohexane
Concen: 1.523 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Tgt Ion: 56 Resp: 10869
Ion Ratio Lower Upper
56 100
69 147.5 25.9 38.9#
84 117.5 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 53.543 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD071010.D

Acq: 12 Nov 2021 03:44

Instrument :

MSVOA_D

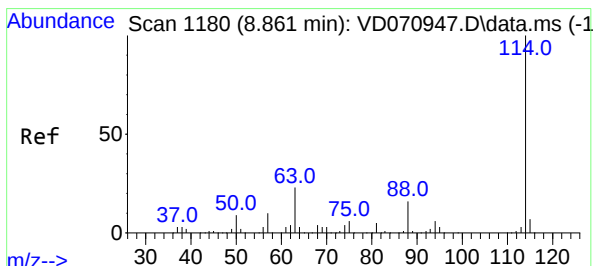
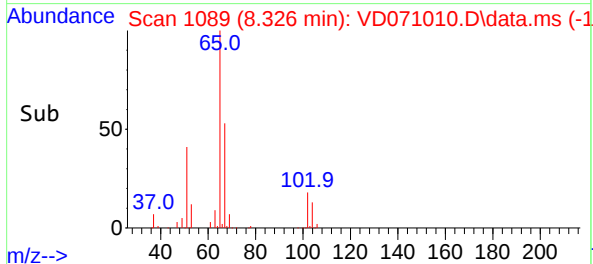
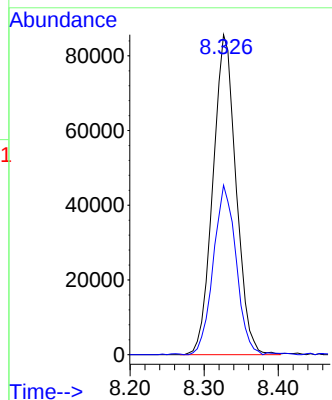
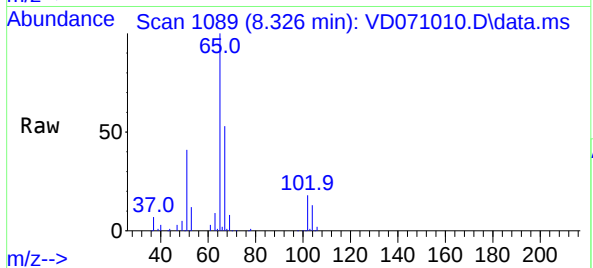
ClientSampleId :

Tgt Ion: 65 Resp: 185784

Ion Ratio Lower Upper

65 100

67 52.0 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: VD071010.D

Acq: 12 Nov 2021 03:44

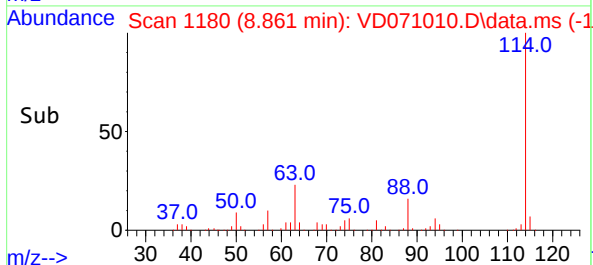
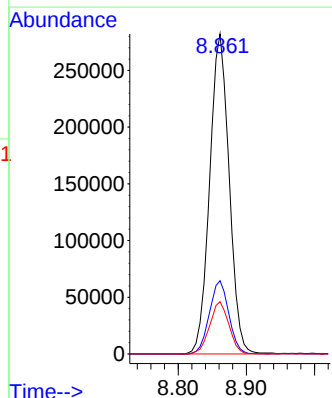
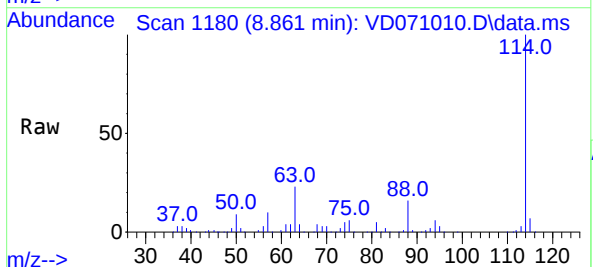
Tgt Ion:114 Resp: 560969

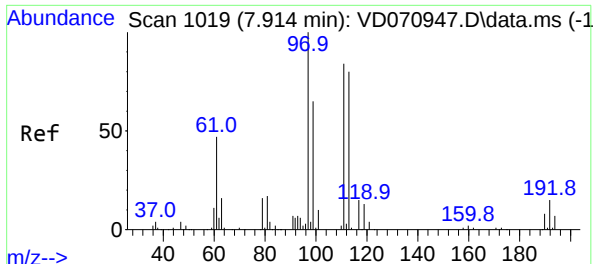
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

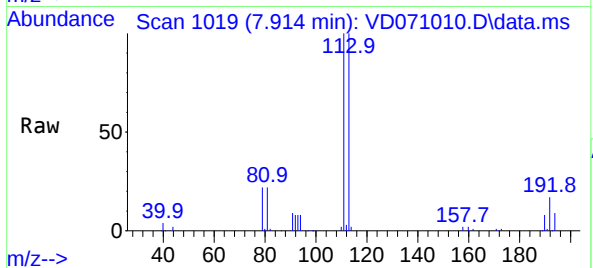
88 16.3 0.0 32.8



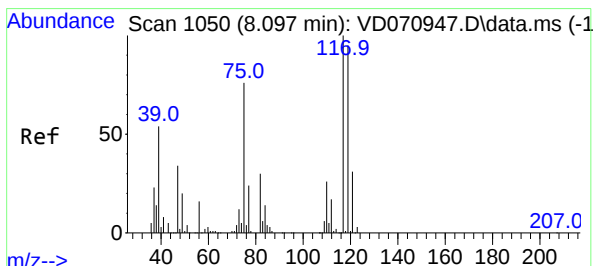
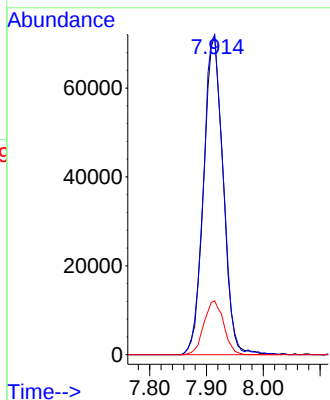
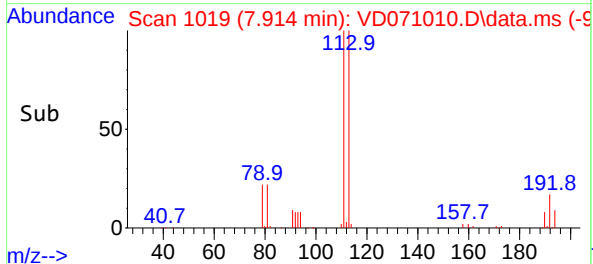


#35
Dibromofluoromethane
Concen: 53.682 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

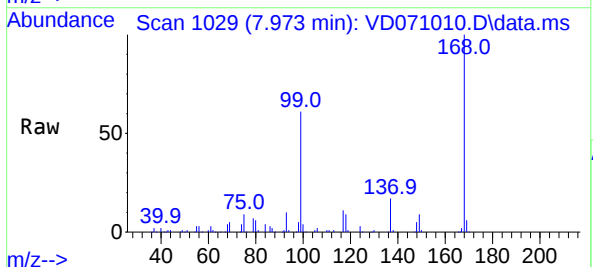
Instrument :
MSVOA_D
ClientSampleId :



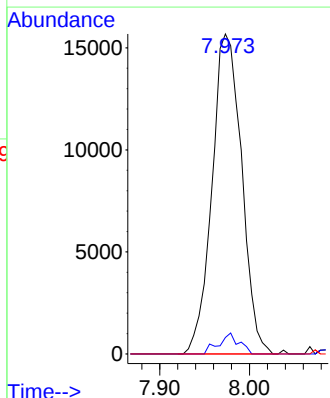
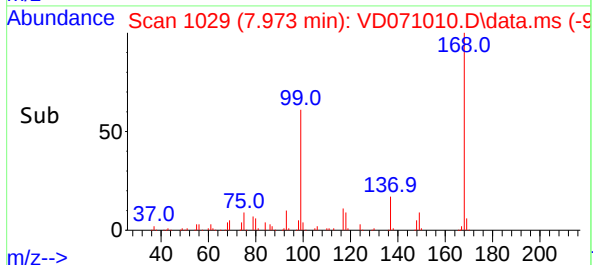
Tgt Ion:113 Resp: 169926
Ion Ratio Lower Upper
113 100
111 101.8 82.0 123.0
192 17.2 15.2 22.8

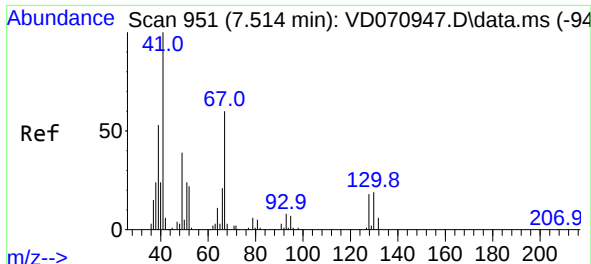


#38
Carbon Tetrachloride
Concen: 7.790 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44



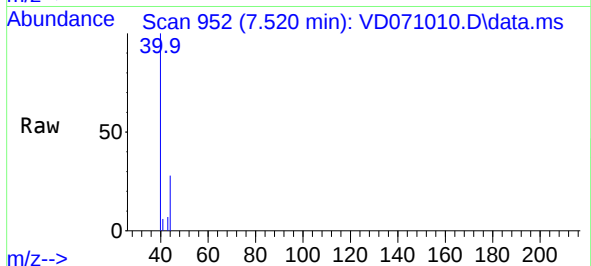
Tgt Ion:117 Resp: 35929
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 23.6 35.4#



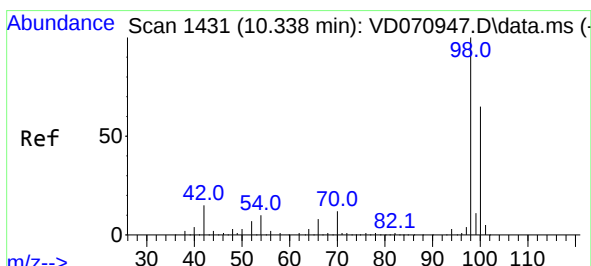
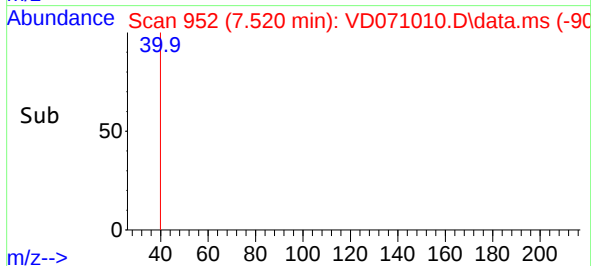
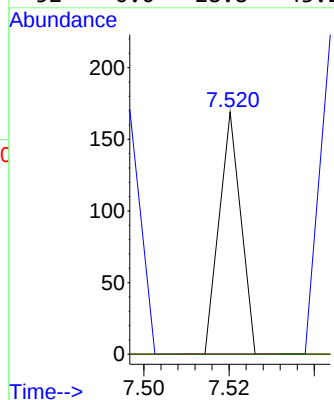


#41
Methacrylonitrile
Concen: 3.539 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Instrument :
MSVOA_D
ClientSampleId :

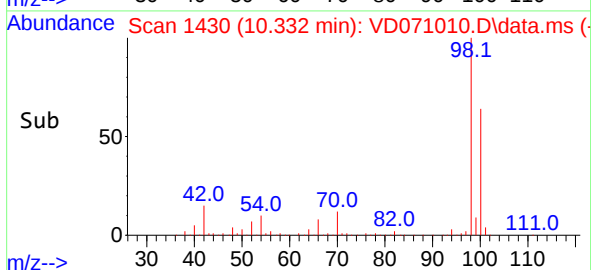
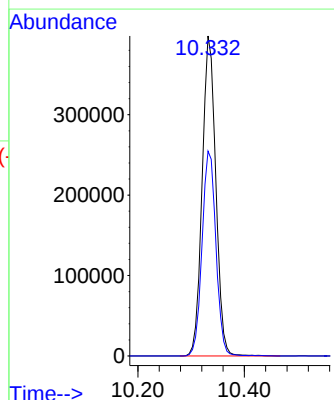
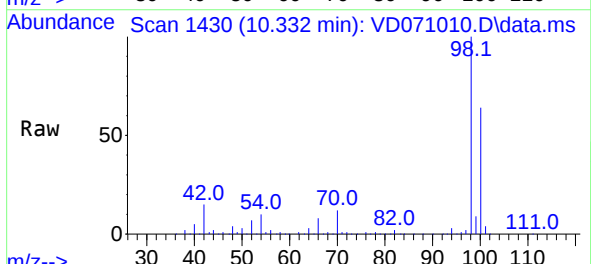


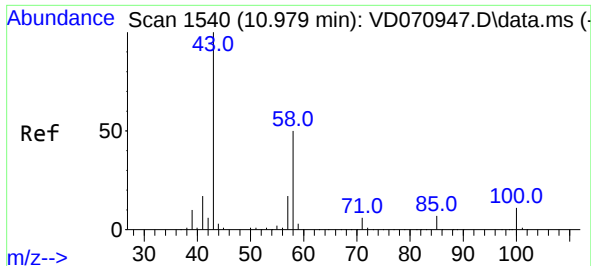
Tgt Ion: 41 Resp: 60
Ion Ratio Lower Upper
41 100
39 0.0 60.2 90.4#
67 0.0 74.8 112.2#
52 0.0 28.8 43.2#



#50
Toluene-d8
Concen: 56.933 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Tgt Ion: 98 Resp: 705775
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

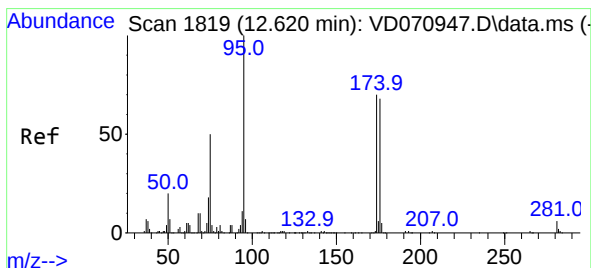
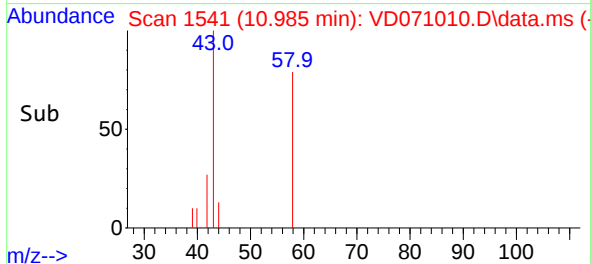
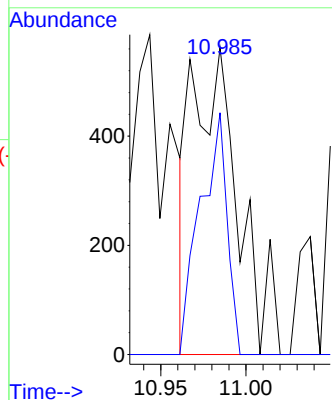
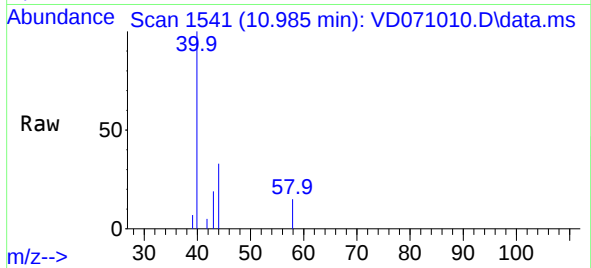




#59
2-Hexanone
Concen: 16.473 ug/l
RT: 10.985 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

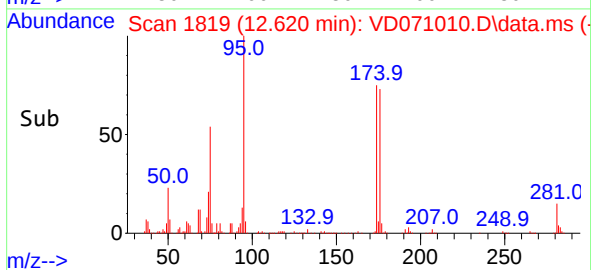
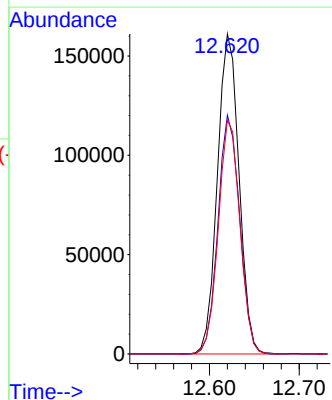
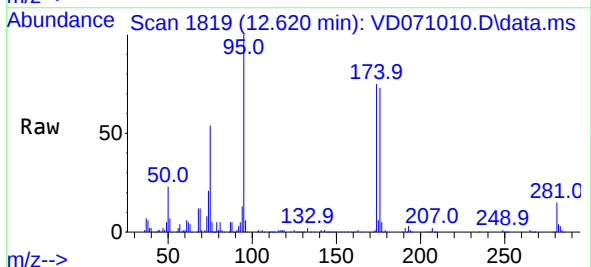
Instrument :
MSVOA_D
ClientSampleId :

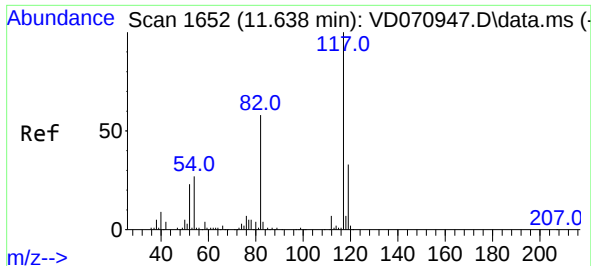
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 46.1 28.7 86.1



#62
4-Bromofluorobenzene
Concen: 60.386 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

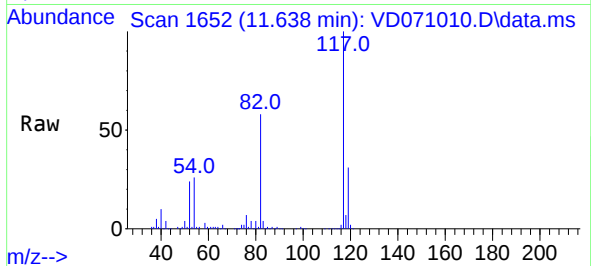
Tgt Ion: 95 Resp: 269534
Ion Ratio Lower Upper
95 100
174 74.9 0.0 159.4
176 72.9 0.0 154.0



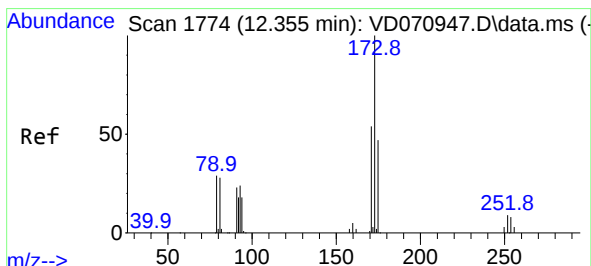
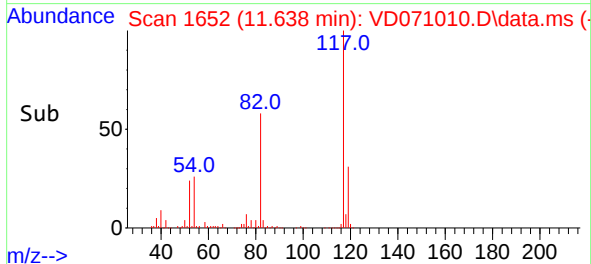
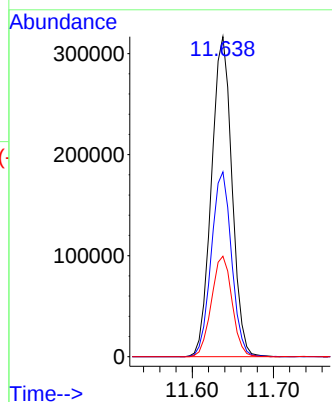


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Instrument :
MSVOA_D
ClientSampleId :

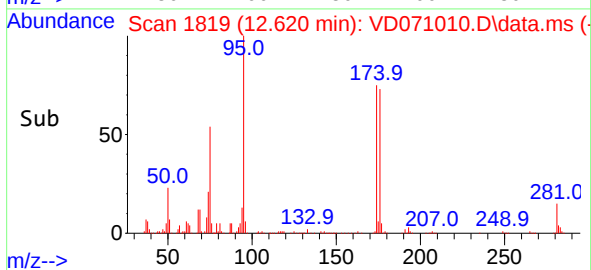
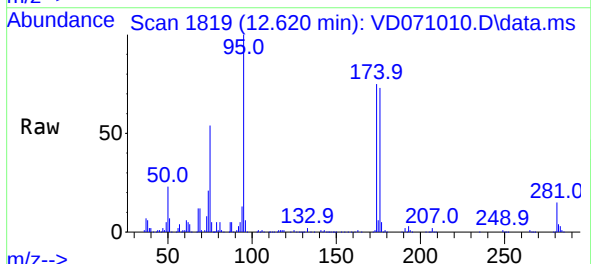
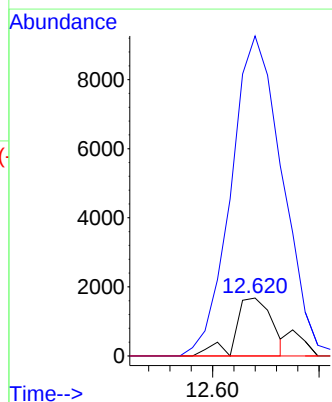


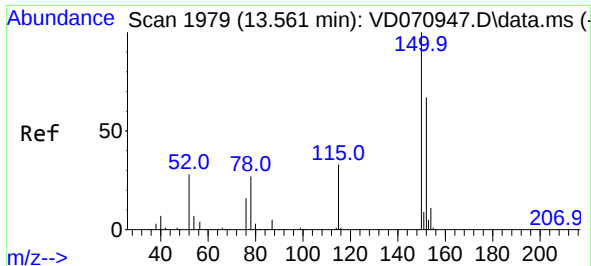
Tgt Ion:117 Resp: 554713
Ion Ratio Lower Upper
117 100
82 57.8 44.7 67.1
119 31.4 26.2 39.4



#71
Bromoform
Concen: 1.096 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

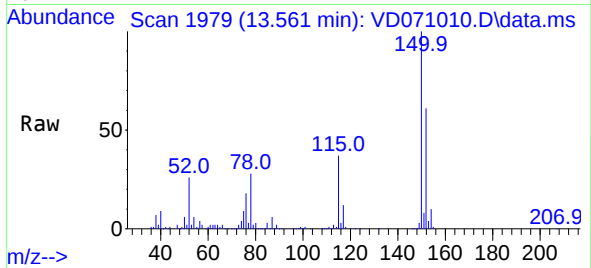
Tgt Ion:173 Resp: 2007
Ion Ratio Lower Upper
173 100
175 682.3 24.1 72.2#
254 0.0 0.1 0.1#



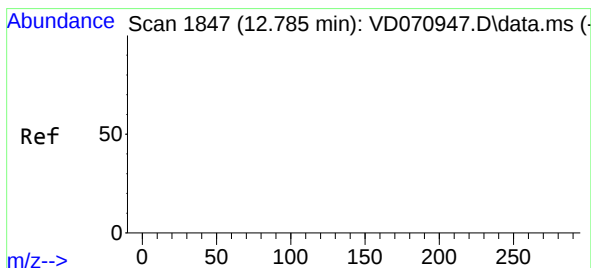
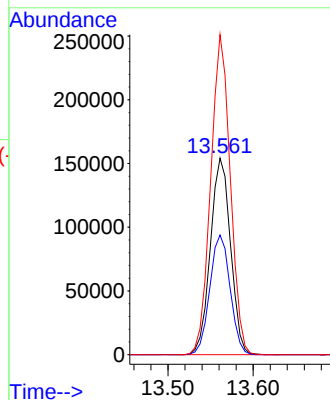
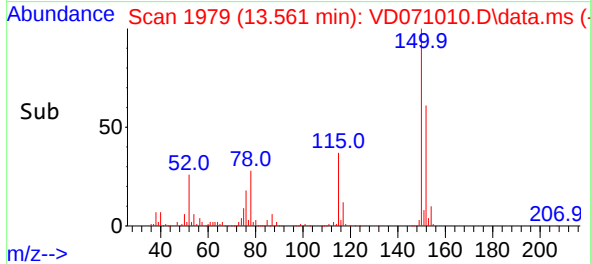


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Instrument :
MSVOA_D
ClientSampleId :

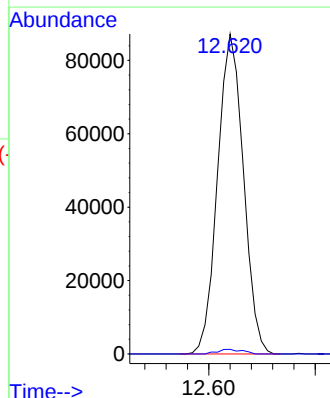
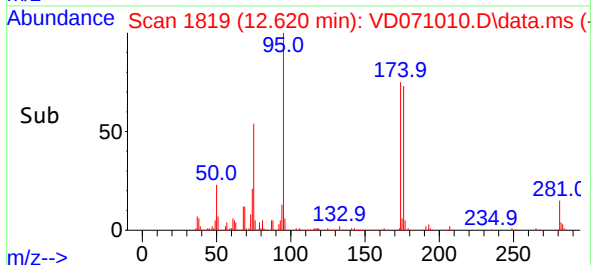
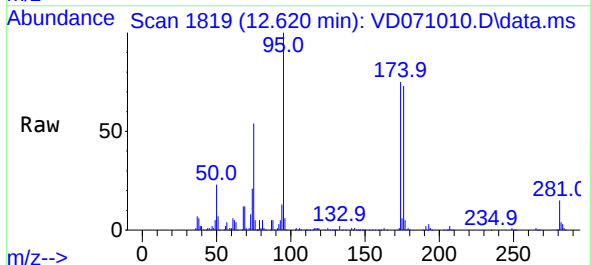


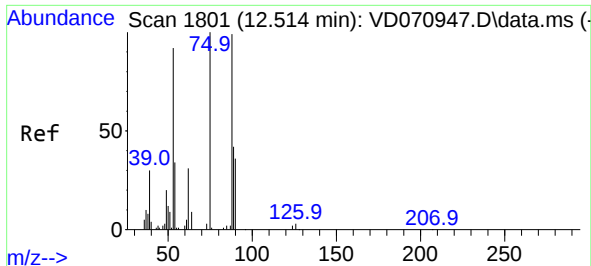
Tgt Ion:152 Resp: 254303
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 158.0 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 67.589 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.165 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Tgt Ion: 75 Resp: 146820
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#

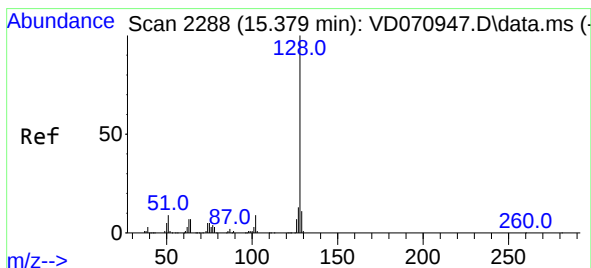
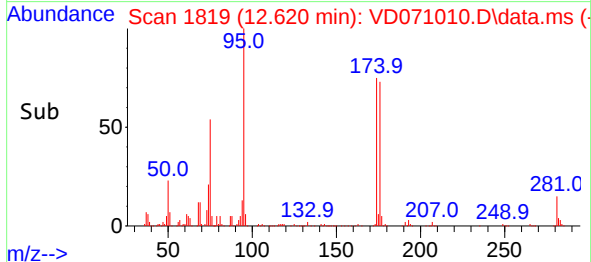
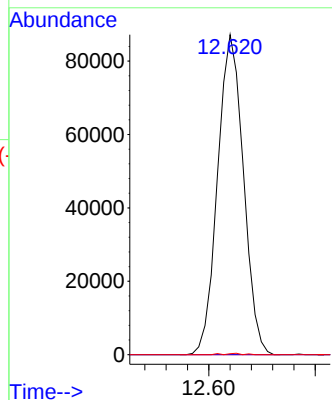
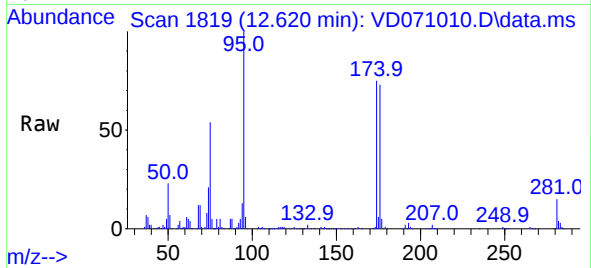




#81
trans-1,4-Dichloro-2-butene
Concen: 124.816 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 146820
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.3 34.5 51.7#



#95
Naphthalene
Concen: 2.582 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD071010.D
Acq: 12 Nov 2021 03:44

Tgt Ion:128 Resp: 20915
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 12.0 8.7 13.1

