

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071260.D
 Acq On : 10 Dec 2021 19:11
 Operator : VA/SY
 Sample : M5018-39
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 11 04:42:50 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)

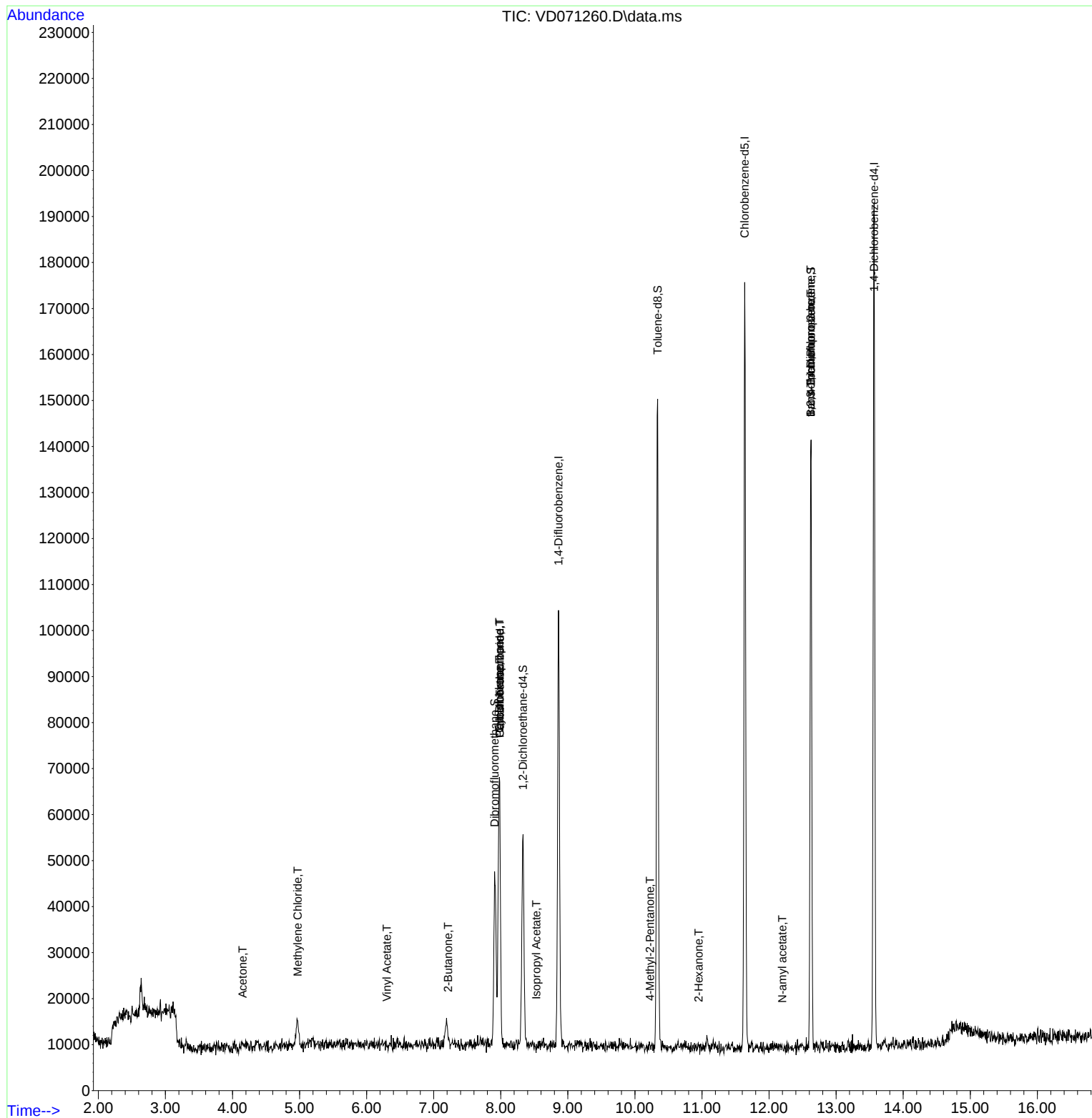
Internal Standards						
1) Pentafluorobenzene	7.985	168	39995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	71934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	86159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	45661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	34823	74.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 148.40%			
35) Dibromofluoromethane	7.908	113	26259	57.33	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.66%			
50) Toluene-d8	10.338	98	90318	51.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.62%			
62) 4-Bromofluorobenzene	12.626	95	40288	66.67	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 133.34%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.238	59	154	Below Cal	#	71
16) Acetone	4.150	43	1002	37.85	ug/l	100
20) Methylene Chloride	4.973	84	3860	4.34	ug/l #	86
23) Vinyl Acetate	6.303	43	80	27.31	ug/l #	72
25) 2-Butanone	7.214	43	64	28.75	ug/l #	45
31) Cyclohexane	7.979	56	1149	1.44	ug/l #	9
36) 1,1-Dichloropropene	7.979	75	3970	5.90	ug/l #	43
38) Carbon Tetrachloride	7.985	117	4766	7.19	ug/l #	20
41) Methacrylonitrile	7.538	41	61	Below Cal	#	1
43) Isopropyl Acetate	8.532	43	54	5.30	ug/l #	47
51) 4-Methyl-2-Pentanone	10.226	43	122	30.98	ug/l #	34
59) 2-Hexanone	10.949	43	66	34.80	ug/l #	22
71) Bromoform	12.620	173	394	1.30	ug/l #	1
74) N-amyl acetate	12.196	43	58	5.76	ug/l #	40
76) 1,2,3-Trichloropropane	12.620	75	24368	56.01	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	24368	121.66	ug/l #	18

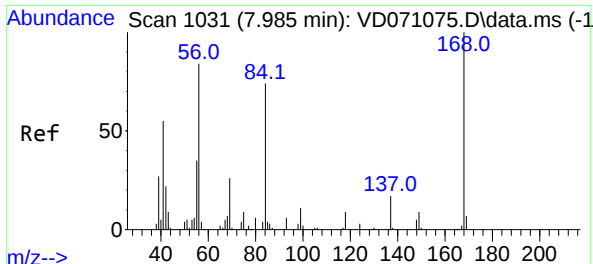
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
Data File : VD071260.D
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Operator : VA/SY
Sample : M5018-39
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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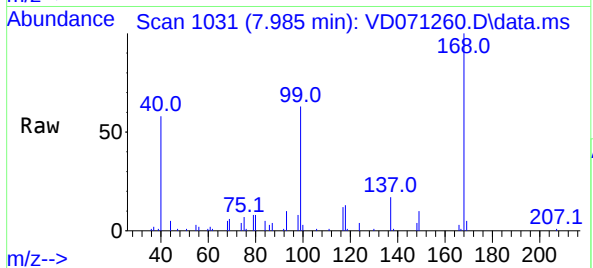
Quant Time: Dec 11 04:42:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
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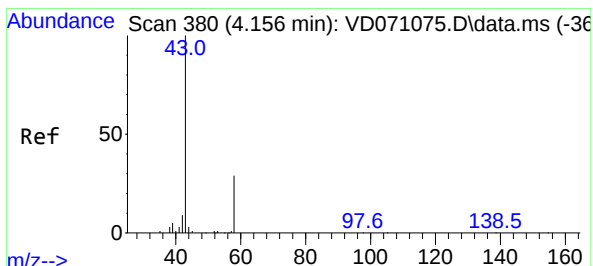
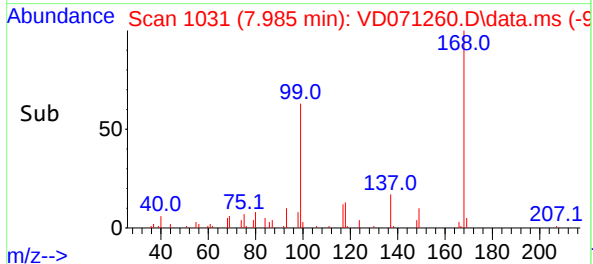
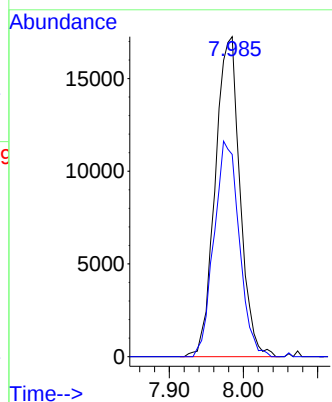


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Instrument :
MSVOA_D
ClientSampleId :

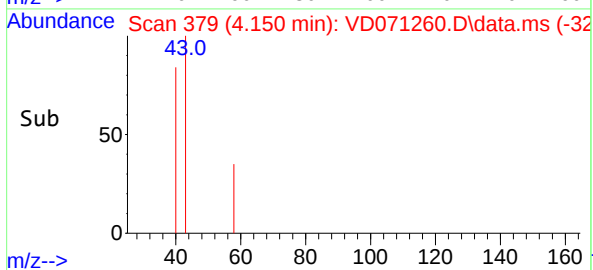
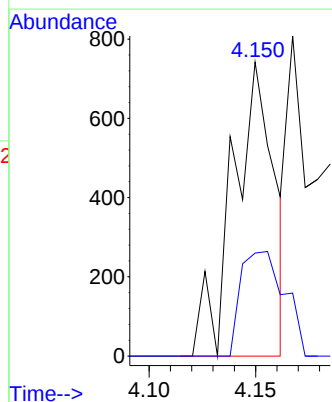
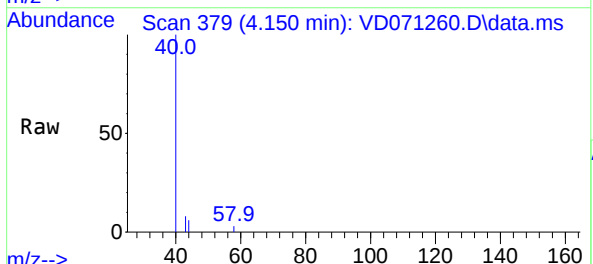


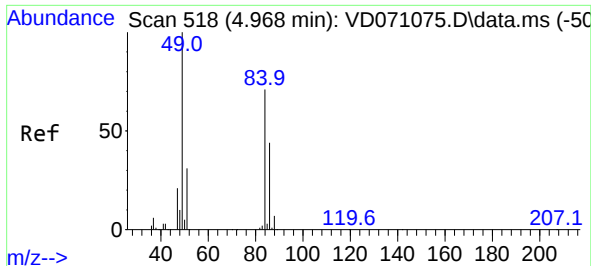
Tgt Ion:168 Resp: 39995
Ion Ratio Lower Upper
168 100
99 63.2 46.6 69.8



#16
Acetone
Concen: 37.85 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

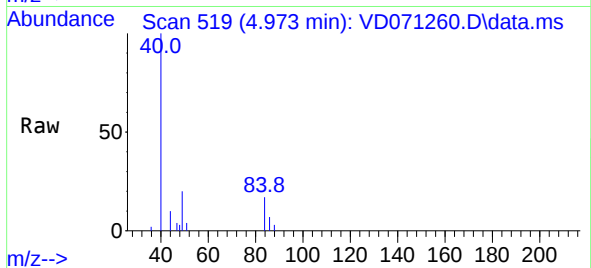
Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.8



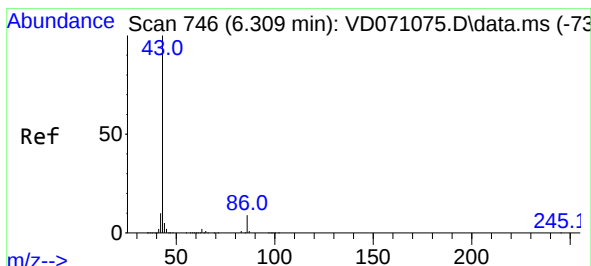
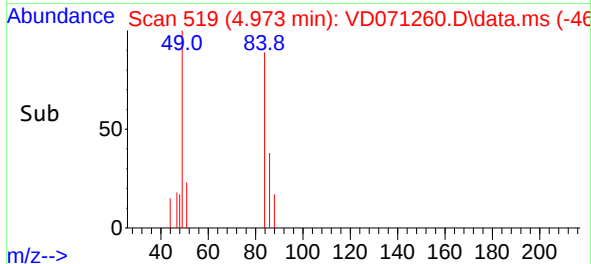
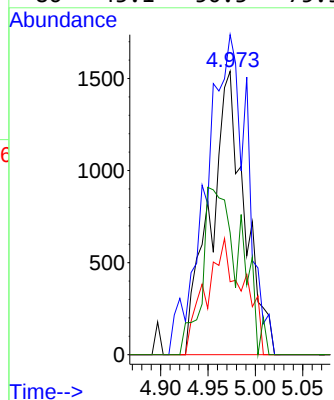


#20
Methylene Chloride
Concen: 4.34 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Instrument :
MSVOA_D
ClientSampleId :

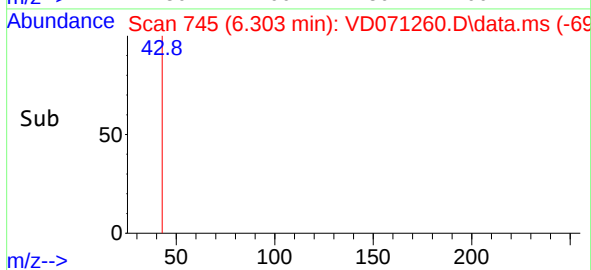
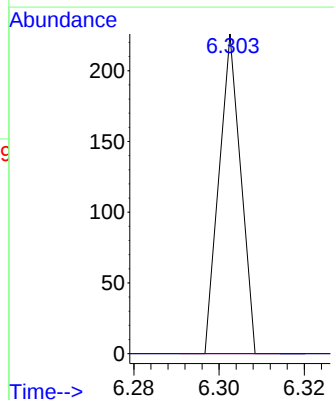
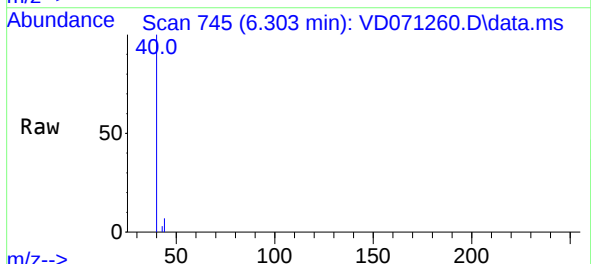


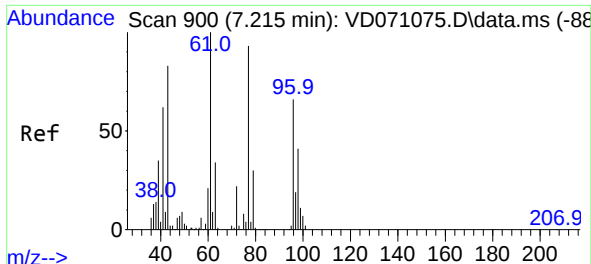
Tgt Ion: 84 Resp: 3860
Ion Ratio Lower Upper
84 100
49 112.9 95.8 143.6
51 25.7 30.9 46.3#
86 43.1 50.3 75.5#



#23
Vinyl Acetate
Concen: 27.31 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.006 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

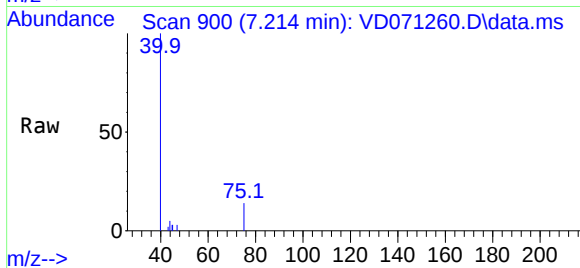
Tgt Ion: 43 Resp: 80
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



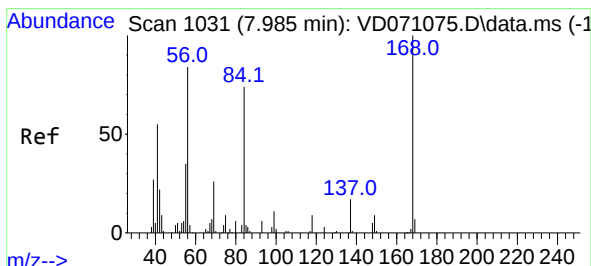
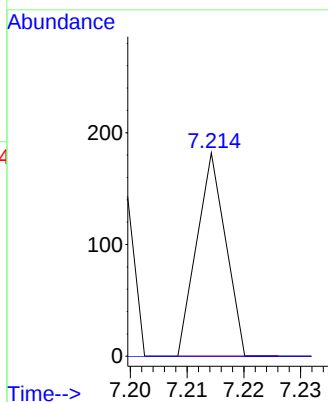
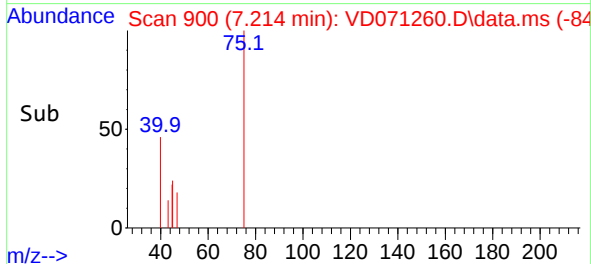


#25
2-Butanone
Concen: 28.75 ug/l
RT: 7.214 min Scan# 90
Delta R.T. -0.001 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

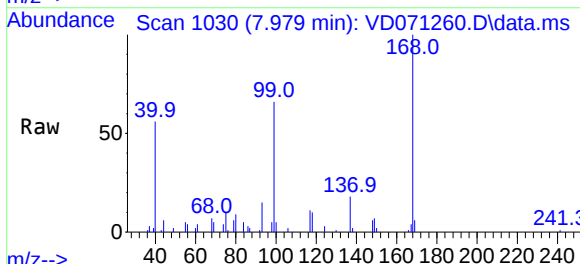
Instrument :
MSVOA_D
ClientSampleId :



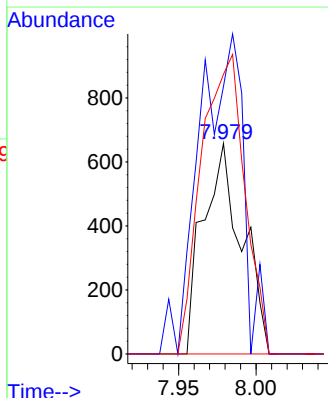
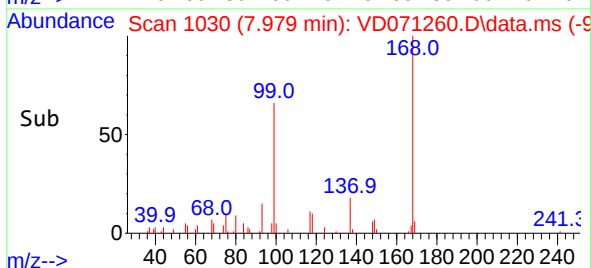
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#

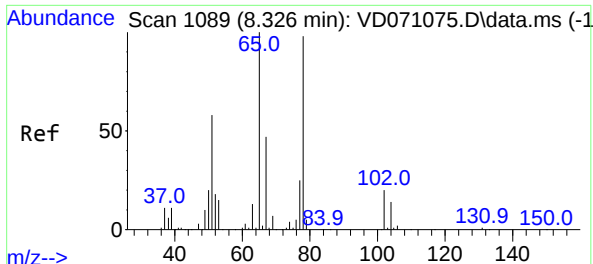


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11



Tgt Ion: 56 Resp: 1149
Ion Ratio Lower Upper
56 100
69 127.1 25.9 38.9#
84 132.8 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 74.20 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071260.D

Acq: 10 Dec 2021 19:11

Instrument :

MSVOA_D

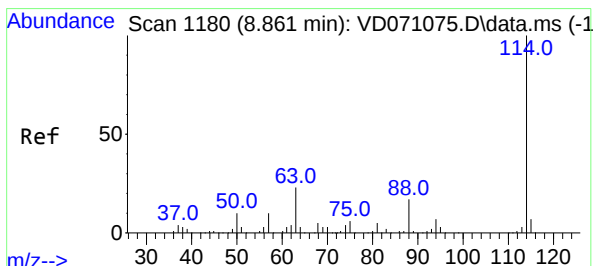
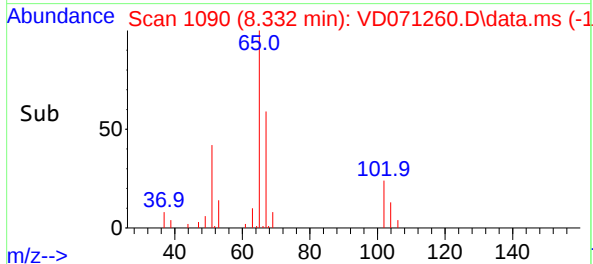
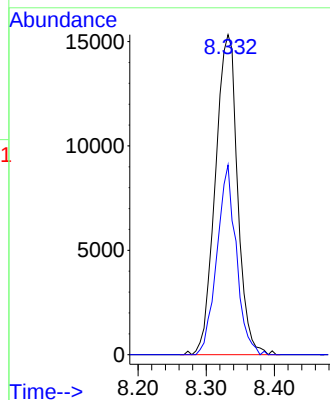
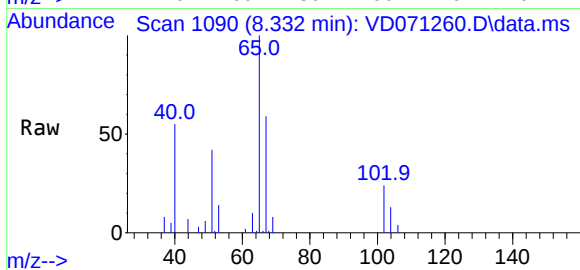
ClientSampleId :

Tgt Ion: 65 Resp: 34823

Ion Ratio Lower Upper

65 100

67 51.7 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071260.D

Acq: 10 Dec 2021 19:11

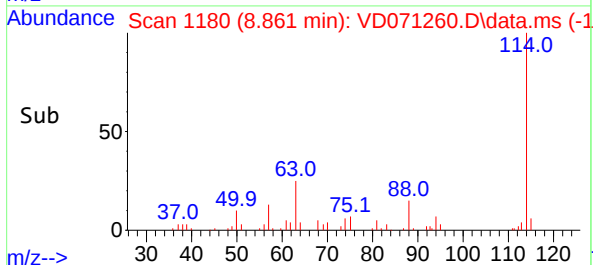
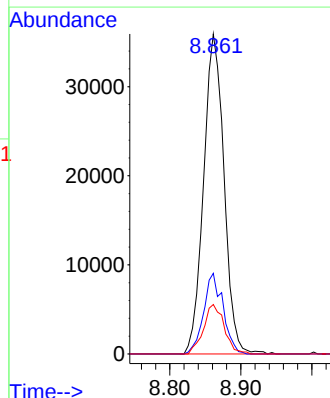
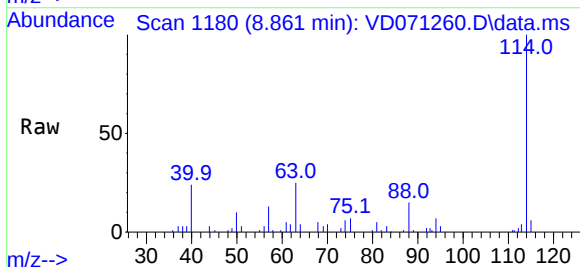
Tgt Ion: 114 Resp: 71934

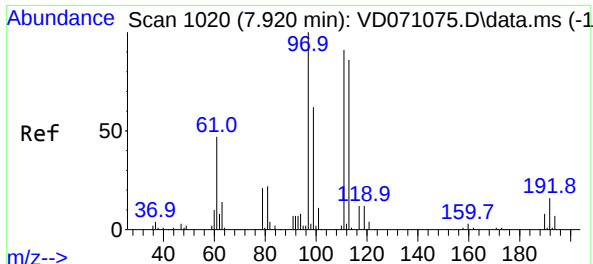
Ion Ratio Lower Upper

114 100

63 25.2 0.0 41.8

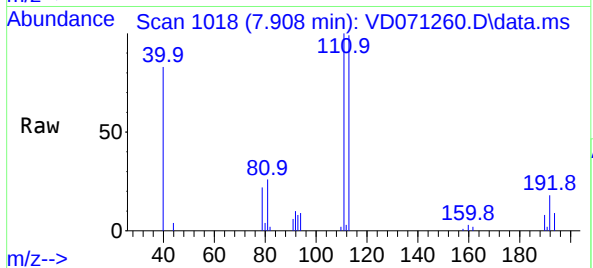
88 15.5 0.0 32.8



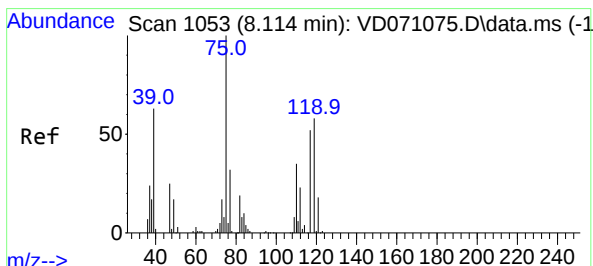
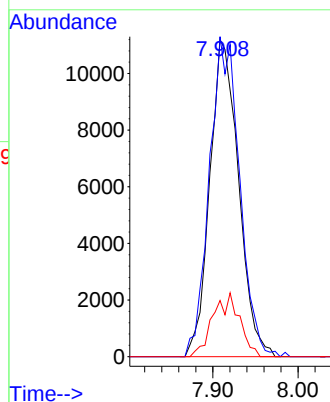
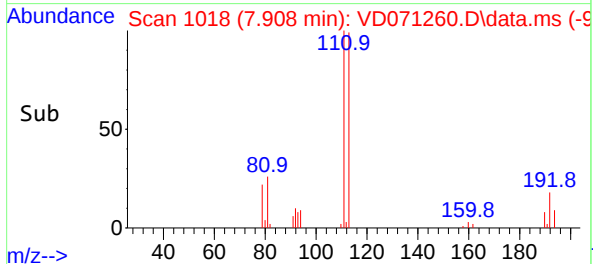


#35
Dibromofluoromethane
Concen: 57.33 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Instrument :
MSVOA_D
ClientSampleId :

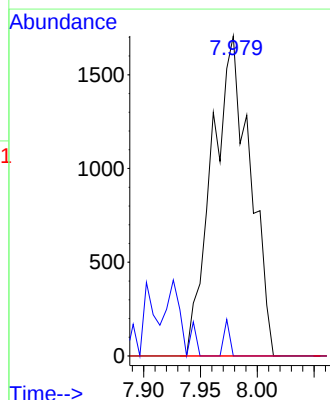
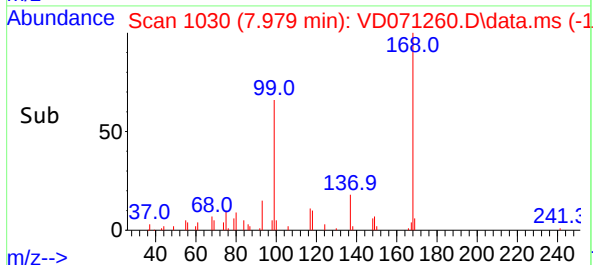
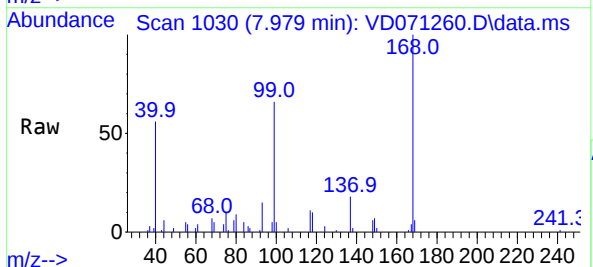


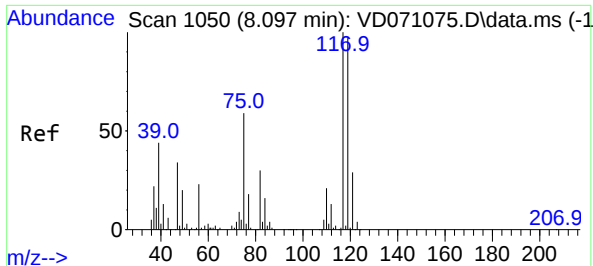
Tgt Ion:113 Resp: 26259
Ion Ratio Lower Upper
113 100
111 105.7 82.0 123.0
192 9.8 15.2 22.8#



#36
1,1-Dichloropropene
Concen: 5.90 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

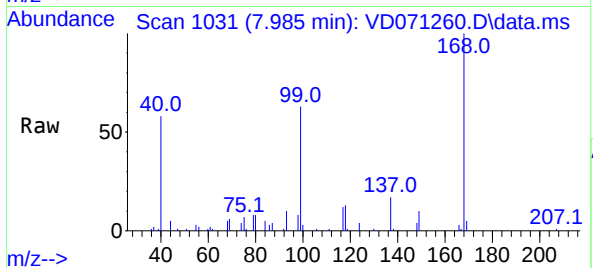
Tgt Ion: 75 Resp: 3970
Ion Ratio Lower Upper
75 100
110 1.7 17.8 53.4#
77 0.0 24.8 37.2#



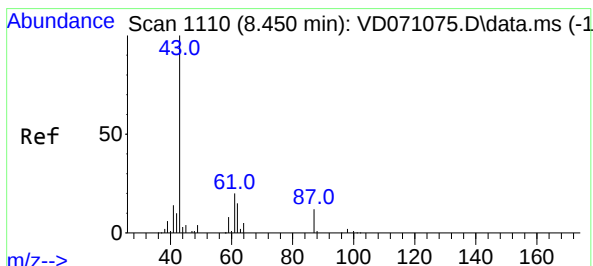
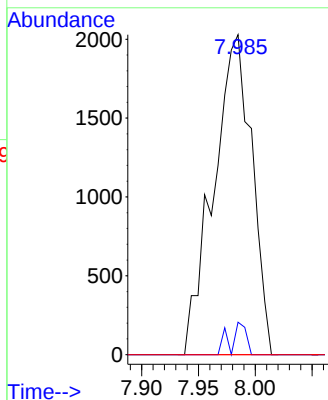
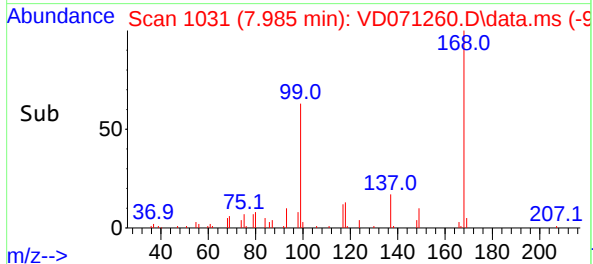


#38
Carbon Tetrachloride
Concen: 7.19 ug/l
RT: 7.985 min Scan# 1104
Delta R.T. -0.112 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

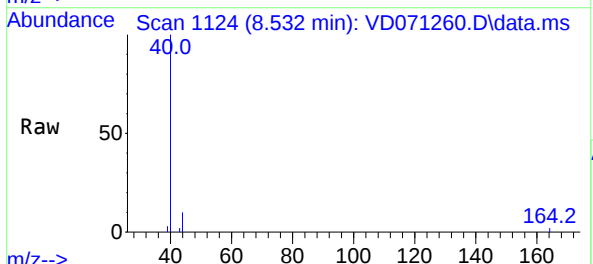
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MSVOA_D
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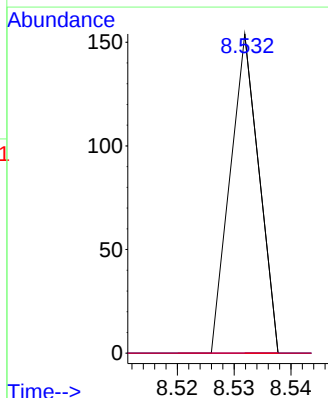
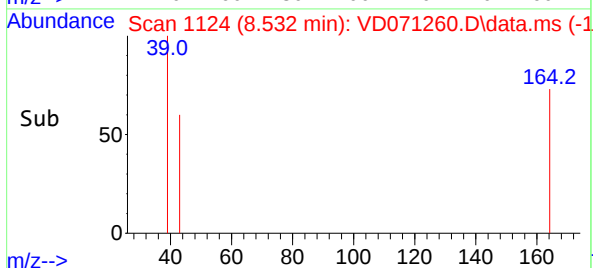
Tgt Ion:117 Resp: 4766
Ion Ratio Lower Upper
117 100
119 10.2 75.8 113.6#
121 0.0 23.6 35.4#

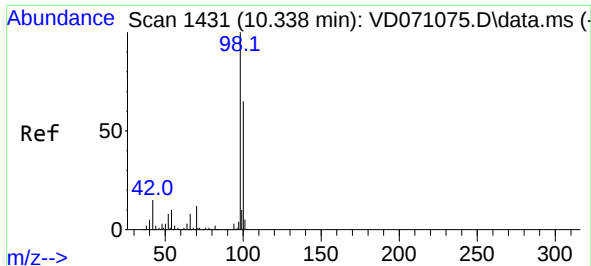


#43
Isopropyl Acetate
Concen: 5.30 ug/l
RT: 8.532 min Scan# 1124
Delta R.T. 0.082 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11



Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#

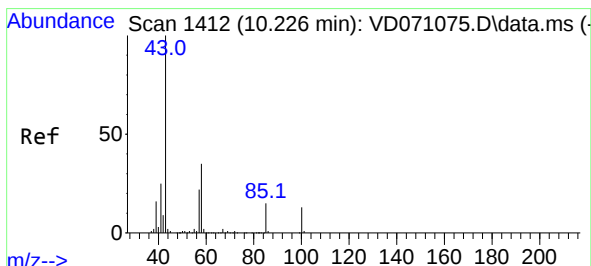
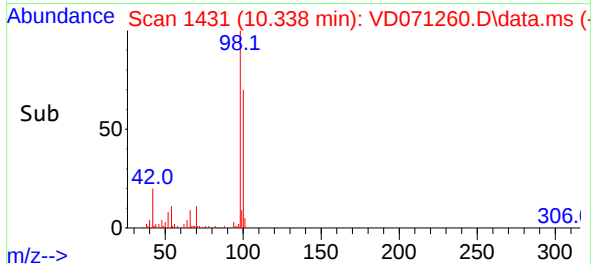
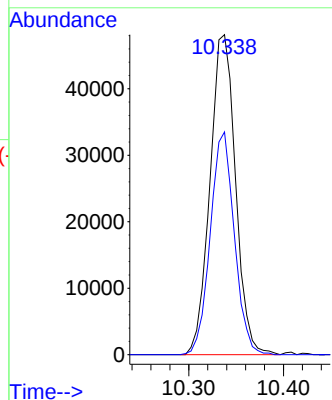
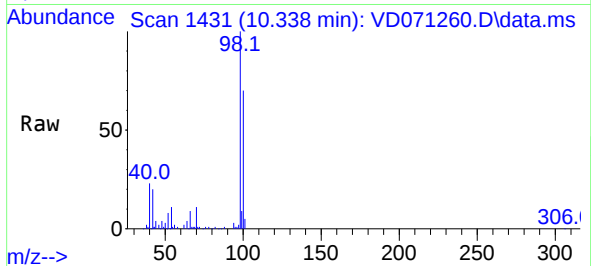




#50
Toluene-d8
Concen: 51.81 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

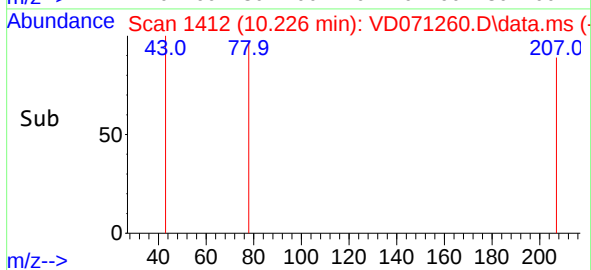
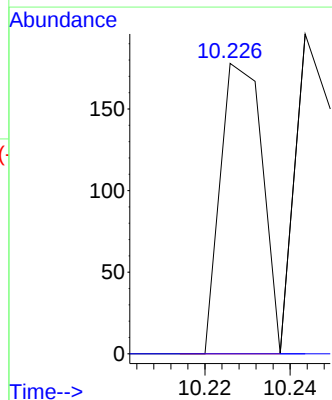
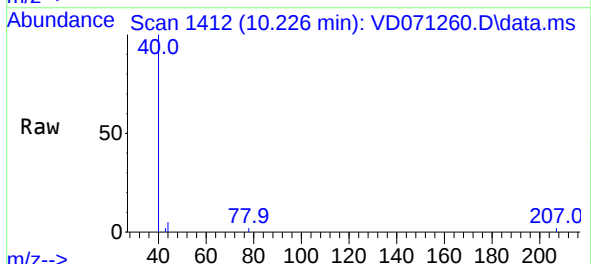
Instrument :
MSVOA_D
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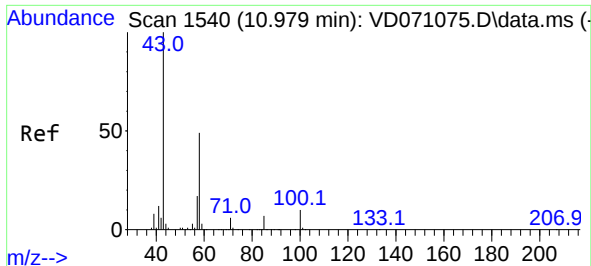
Tgt Ion: 98 Resp: 90318
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 30.98 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Tgt Ion: 43 Resp: 122
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#

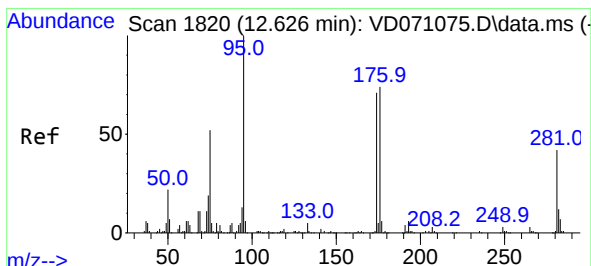
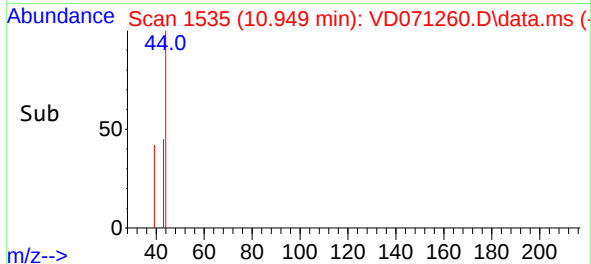
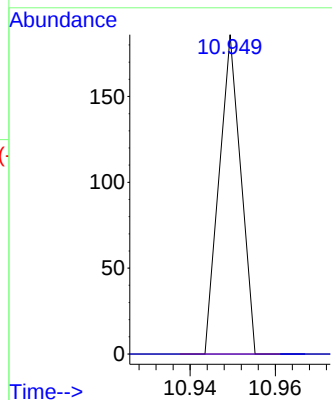
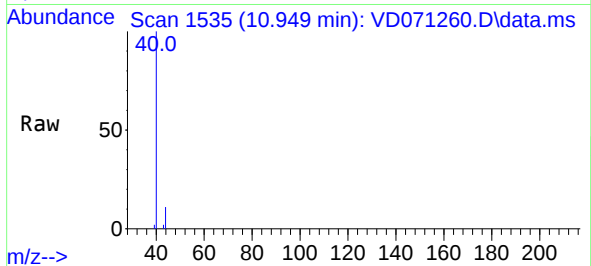




#59
2-Hexanone
Concen: 34.80 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

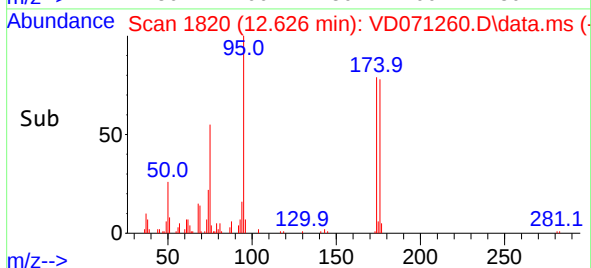
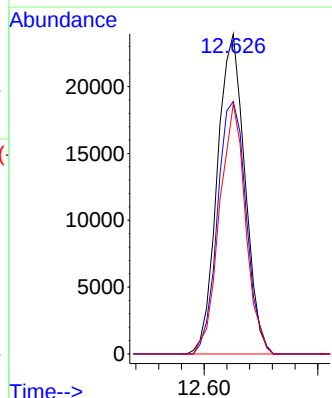
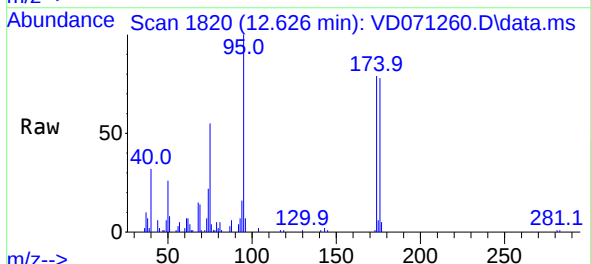
Instrument :
MSVOA_D
ClientSampleId :

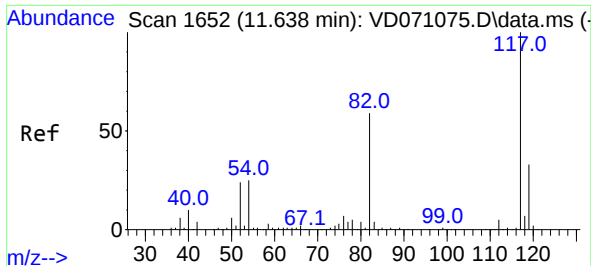
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 66.67 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Tgt Ion: 95 Resp: 40288
Ion Ratio Lower Upper
95 100
174 81.9 0.0 159.4
176 73.9 0.0 154.0

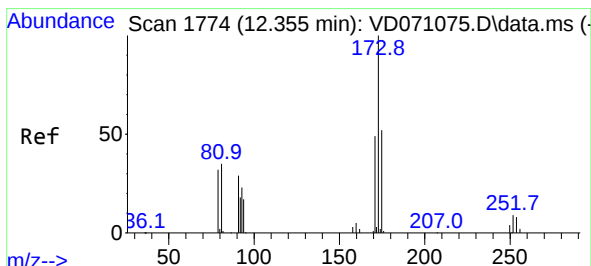
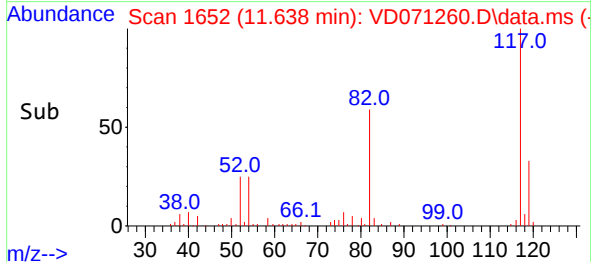
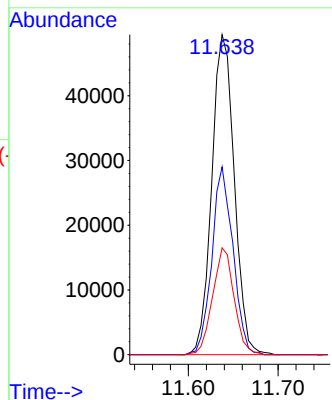
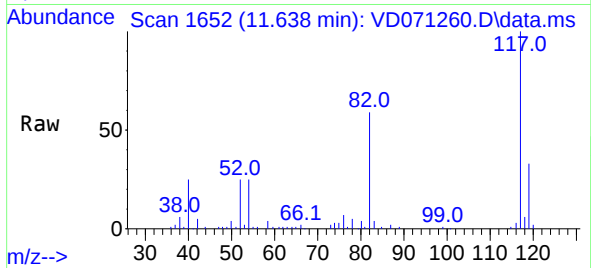




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

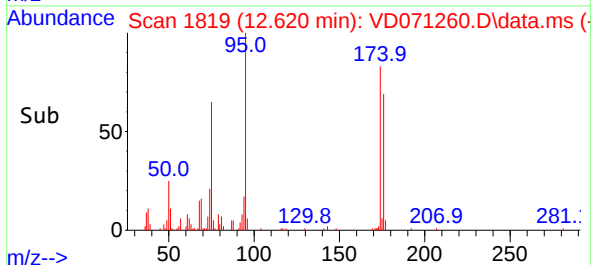
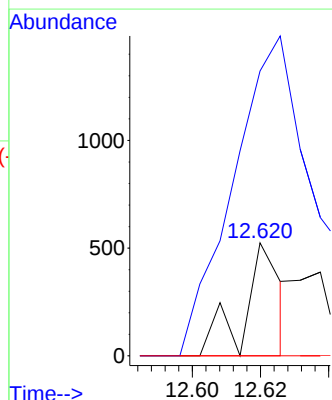
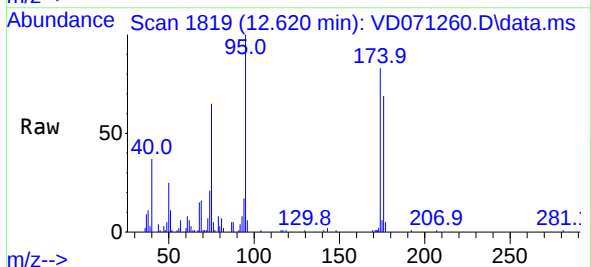
Instrument :
MSVOA_D
ClientSampleId :

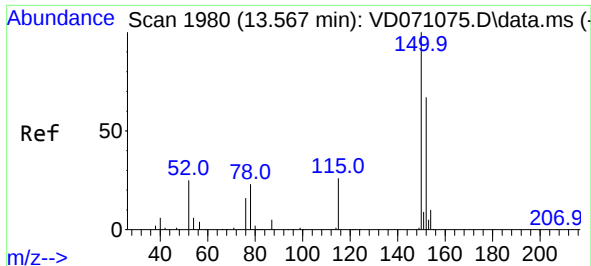
Tgt Ion:117 Resp: 86159
Ion Ratio Lower Upper
117 100
82 58.7 44.7 67.1
119 33.4 26.2 39.4



#71
Bromoform
Concen: 1.30 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

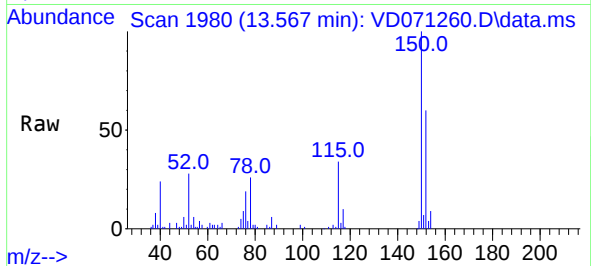
Tgt Ion:173 Resp: 394
Ion Ratio Lower Upper
173 100
175 500.3 24.1 72.2#
254 0.0 0.1 0.1#



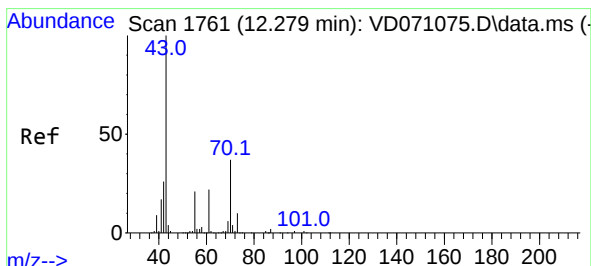
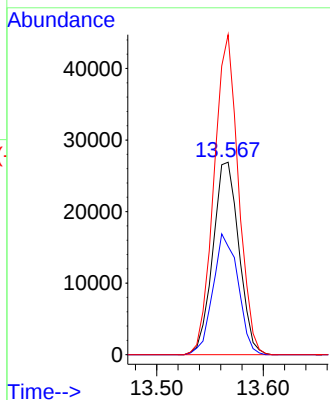
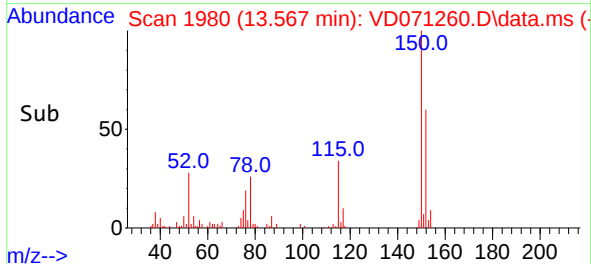


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

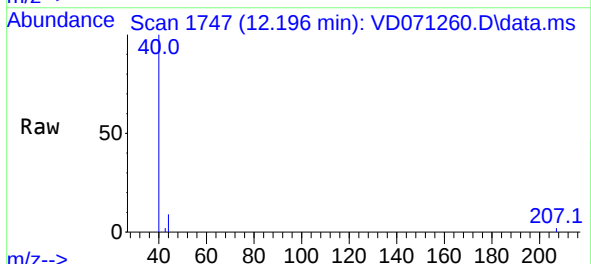
Instrument :
MSVOA_D
ClientSampleId :



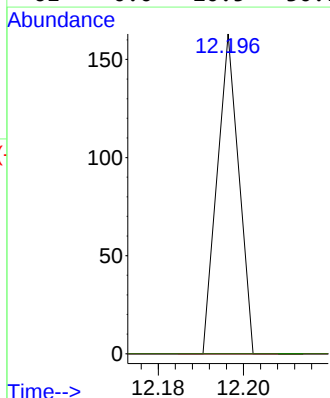
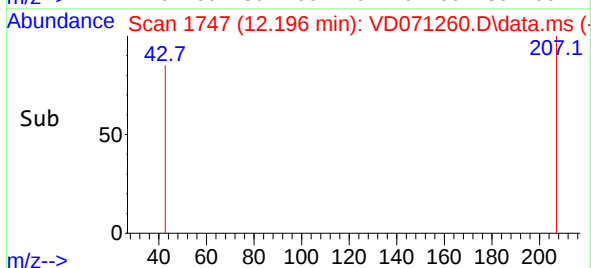
Tgt Ion:152 Resp: 45661
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 155.9 0.0 349.2

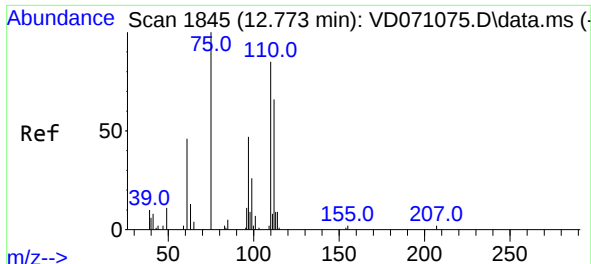


#74
N-ethyl acetate
Concen: 5.76 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.083 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11



Tgt Ion: 43 Resp: 58
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#

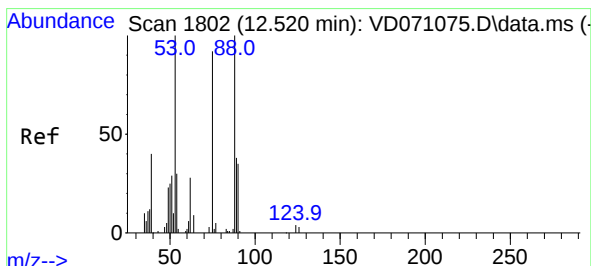
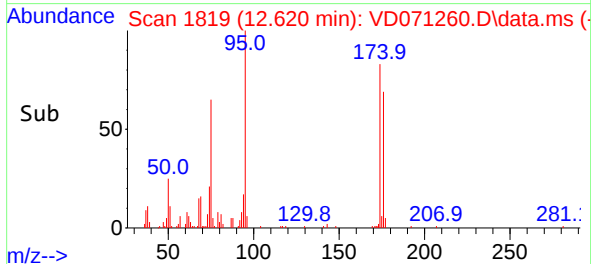
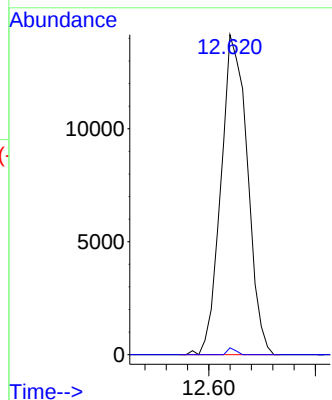
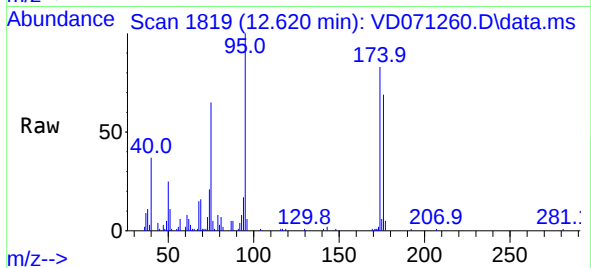




#76
1,2,3-Trichloropropane
Concen: 56.01 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 24368
Ion Ratio Lower Upper
75 100
77 0.7 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.66 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071260.D
Acq: 10 Dec 2021 19:11

Tgt Ion: 75 Resp: 24368
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

