

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071212.D
 Acq On : 08 Dec 2021 18:17
 Operator : VA/SY
 Sample : M4964-01
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 09 10:19:04 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)

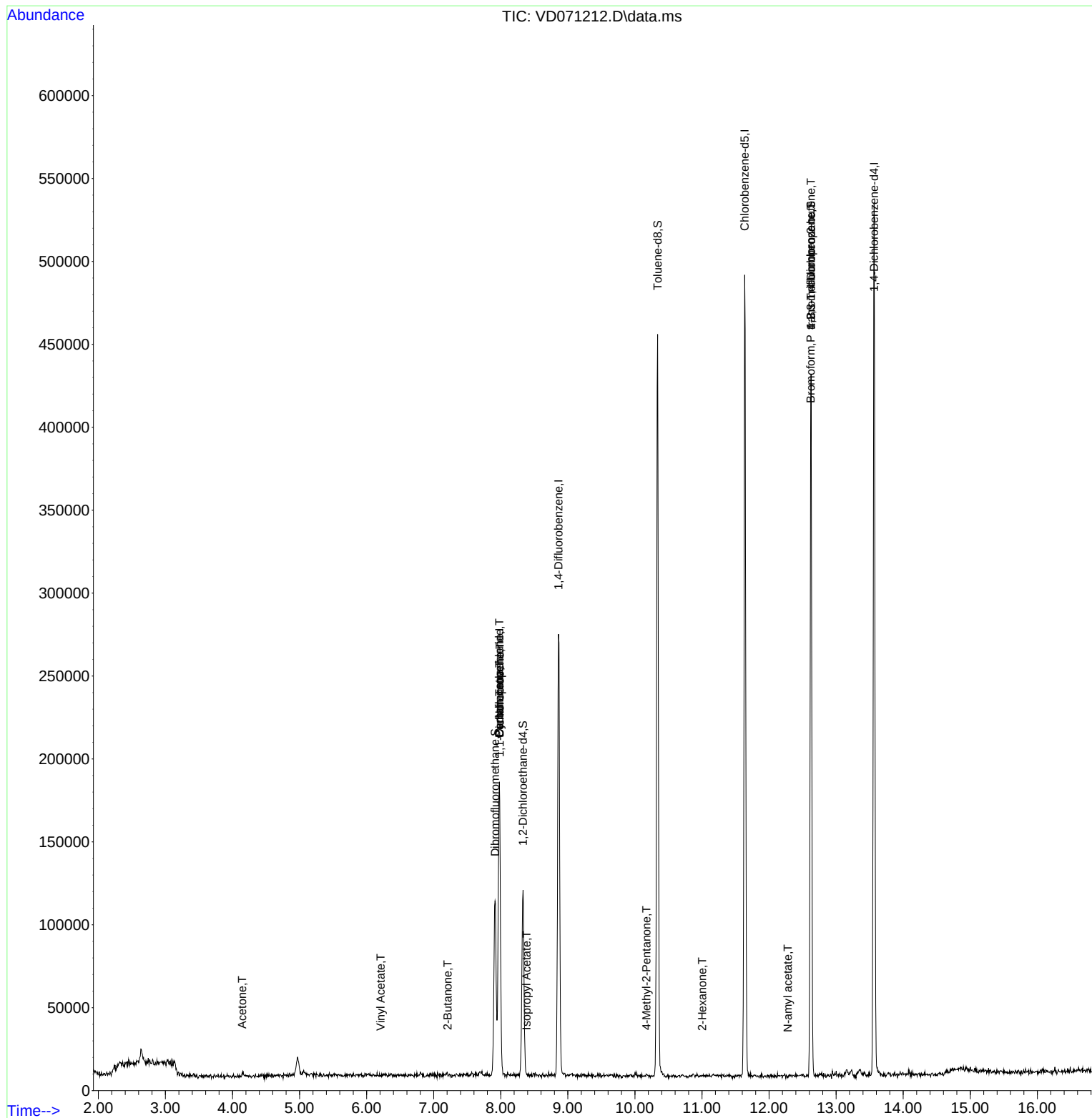
Internal Standards						
1) Pentafluorobenzene	7.979	168	122841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	216885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	255778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	127761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	86546	60.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.080%	
35) Dibromofluoromethane	7.914	113	73623	53.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.620%	
50) Toluene-d8	10.338	98	287450	54.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.626	95	126113	69.222	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 138.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.226	59	490	Below Cal	#	71
16) Acetone	4.144	43	2481	36.480	ug/l #	73
23) Vinyl Acetate	6.208	43	59	27.241	ug/l #	72
25) 2-Butanone	7.208	43	84	28.528	ug/l #	45
31) Cyclohexane	7.979	56	3785	1.544	ug/l #	4
36) 1,1-Dichloropropene	7.985	75	11840	5.841	ug/l #	47
38) Carbon Tetrachloride	7.979	117	14407	7.210	ug/l #	21
41) Methacrylonitrile	7.567	41	261	Below Cal	#	32
43) Isopropyl Acetate	8.385	43	54	5.248	ug/l #	1
51) 4-Methyl-2-Pentanone	10.173	43	54	30.700	ug/l #	34
59) 2-Hexanone	11.002	43	135	34.730	ug/l #	22
71) Bromoform	12.620	173	1310	1.459	ug/l #	1
74) N-amyl acetate	12.279	43	62	5.723	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	68731	56.464	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	68731	122.589	ug/l #	18

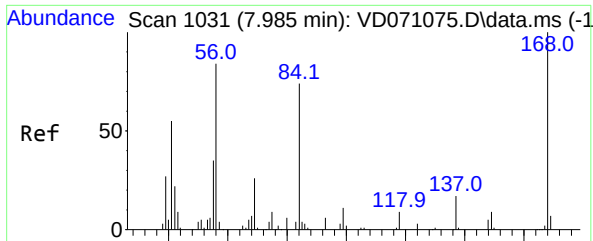
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071212.D
Acq On : 08 Dec 2021 18:17
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Sample : M4964-01
Misc : 6.91G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
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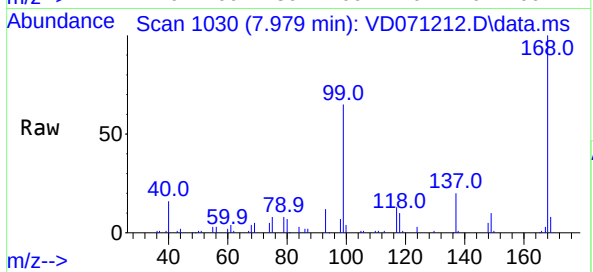
Quant Time: Dec 09 10:19:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration



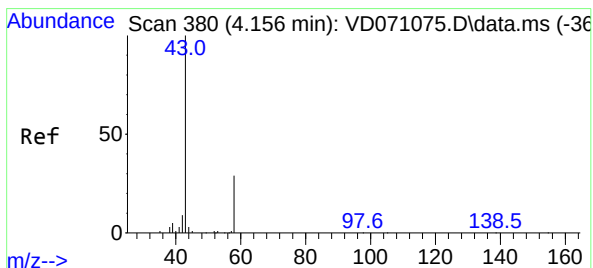
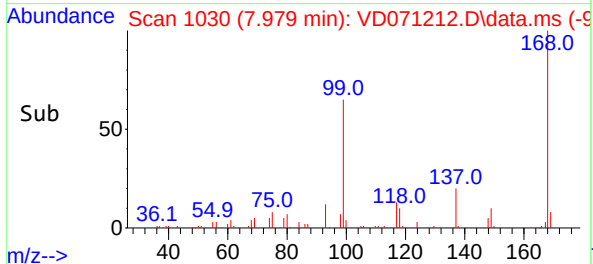
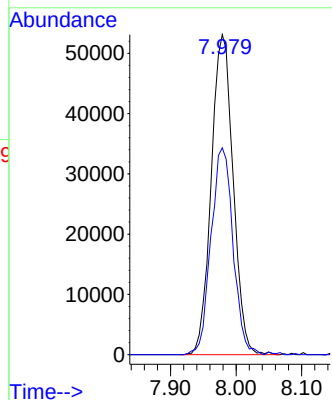


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Instrument :
MSVOA_D
ClientSampleId :

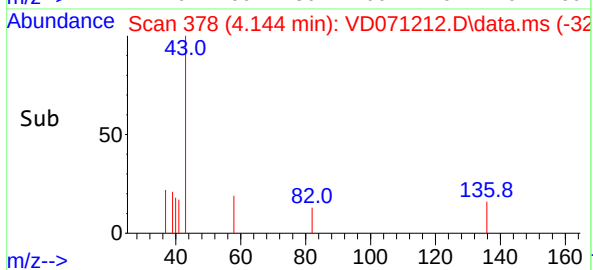
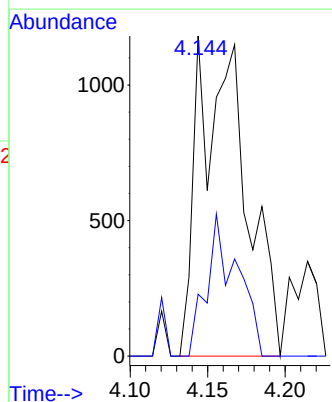
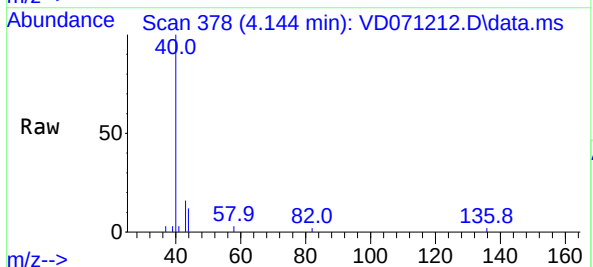


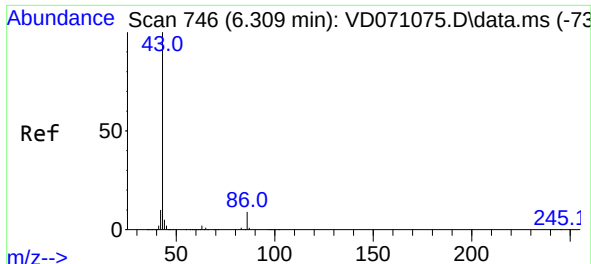
Tgt Ion:168 Resp: 122841
Ion Ratio Lower Upper
168 100
99 64.6 46.6 69.8



#16
Acetone
Concen: 36.480 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

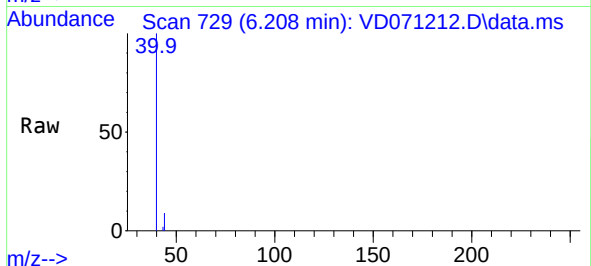
Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
58 19.3 27.8 41.8#



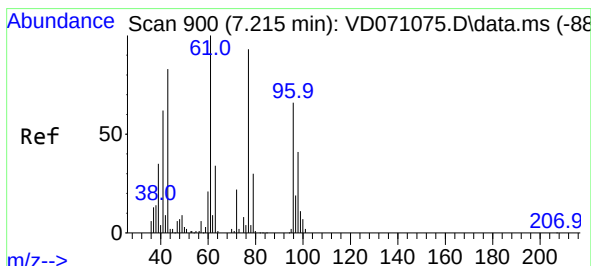
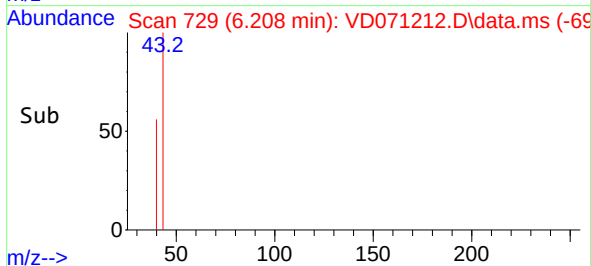
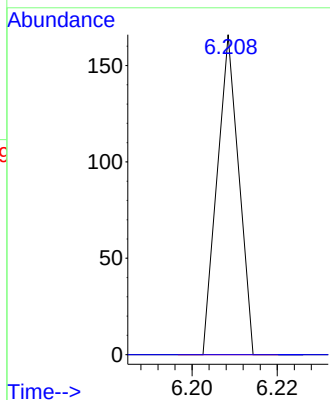


#23
 Vinyl Acetate
 Concen: 27.241 ug/l
 RT: 6.208 min Scan# 71
 Delta R.T. -0.101 min
 Lab File: VD071212.D
 Acq: 08 Dec 2021 18:17

Instrument :
 MSVOA_D
 ClientSampleId :

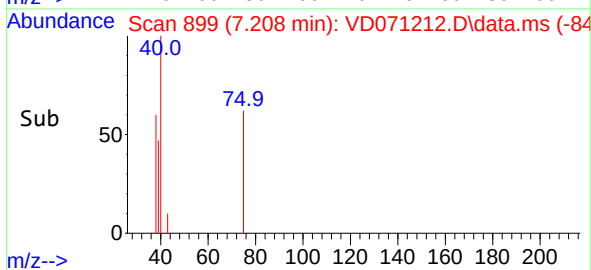
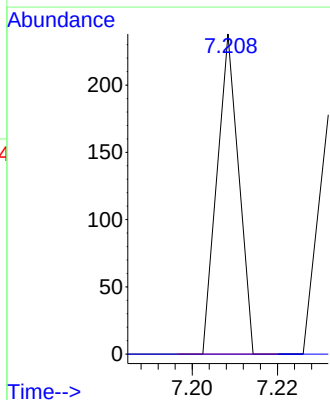
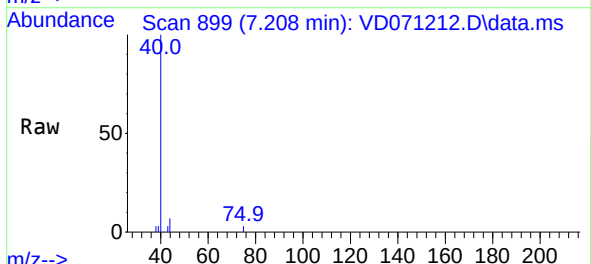


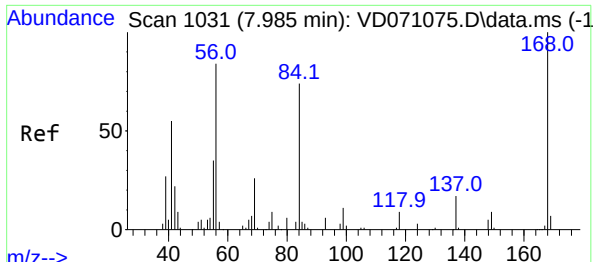
Tgt Ion: 43 Resp: 59
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 28.528 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.007 min
 Lab File: VD071212.D
 Acq: 08 Dec 2021 18:17

Tgt Ion: 43 Resp: 84
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#

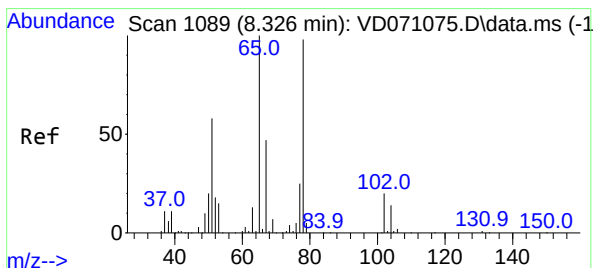
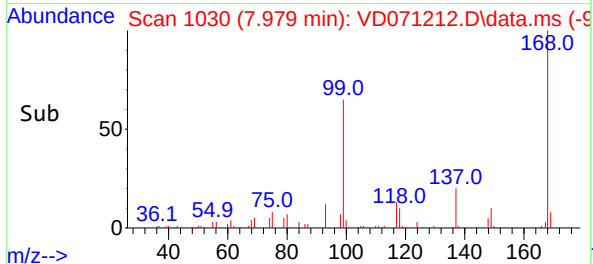
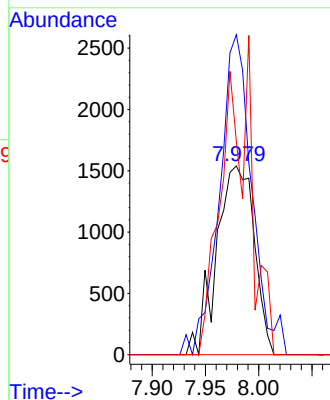
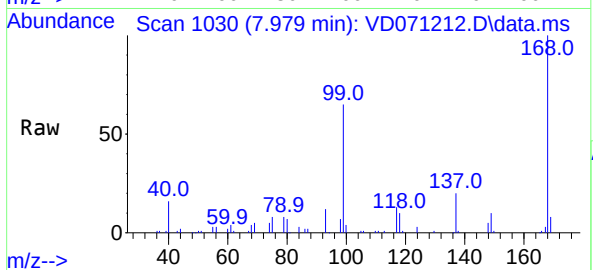




#31
Cyclohexane
Concen: 1.544 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

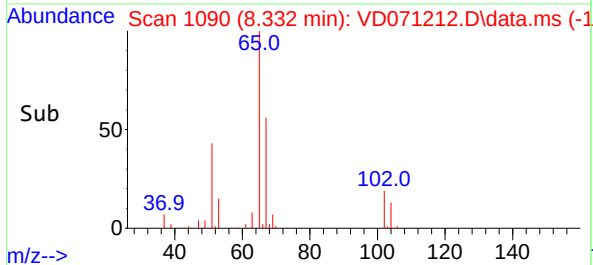
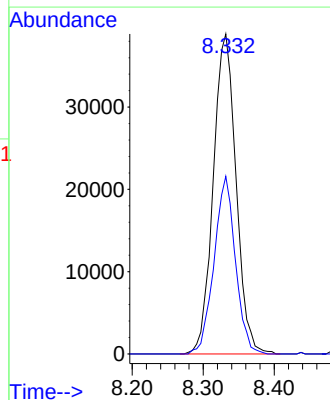
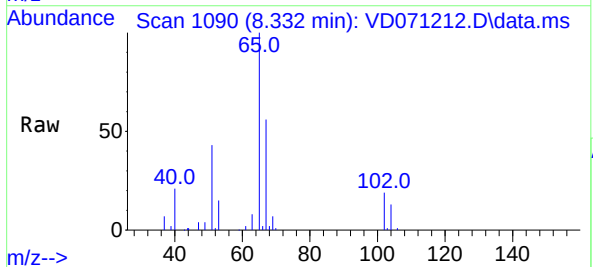
Instrument :
MSVOA_D
ClientSampleId :

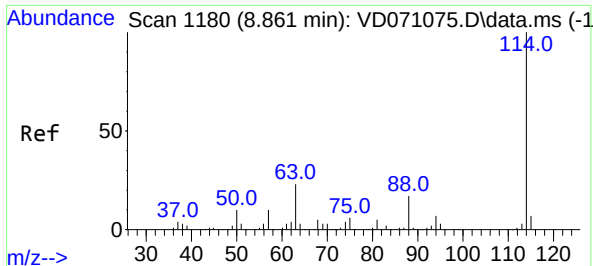
Tgt Ion: 56 Resp: 3785
Ion Ratio Lower Upper
56 100
69 169.5 25.9 38.9#
84 112.9 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 60.043 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Tgt Ion: 65 Resp: 86546
Ion Ratio Lower Upper
65 100
67 51.9 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: VD071212.D

Acq: 08 Dec 2021 18:17

Instrument :

MSVOA_D

ClientSampleId :

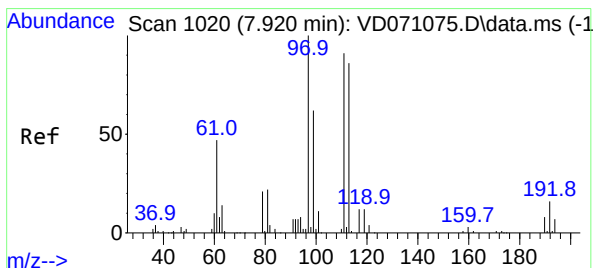
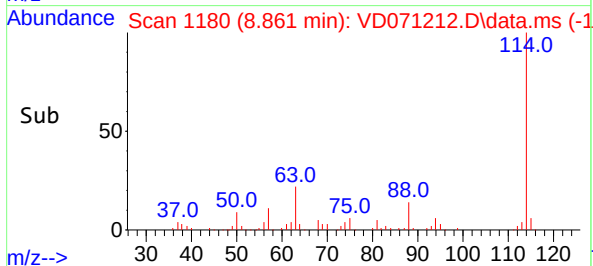
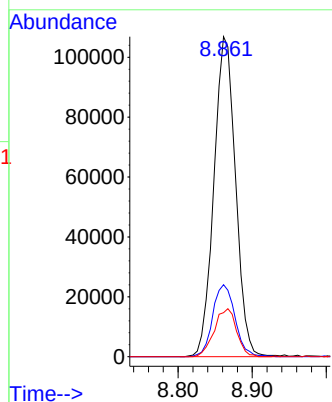
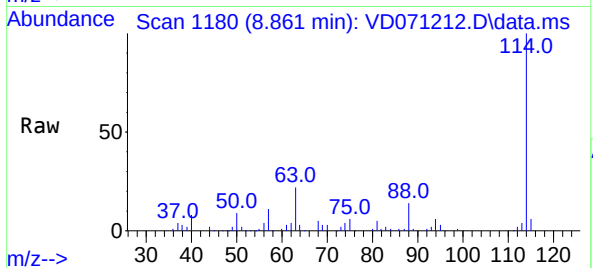
Tgt Ion:114 Resp: 216885

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 13.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.307 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071212.D

Acq: 08 Dec 2021 18:17

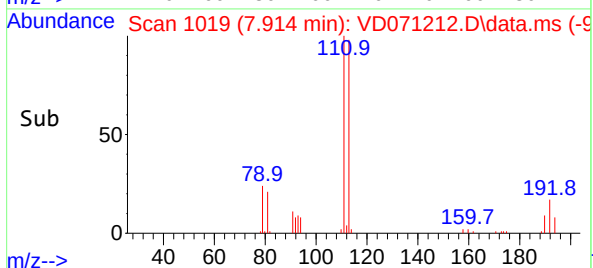
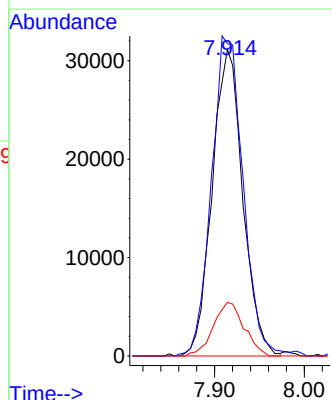
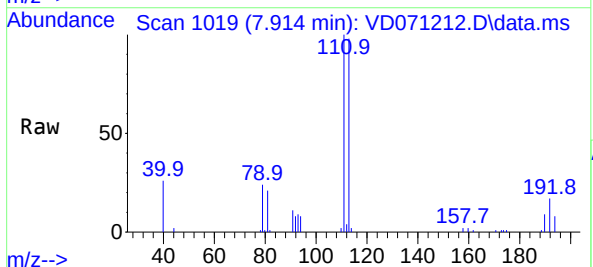
Tgt Ion:113 Resp: 73623

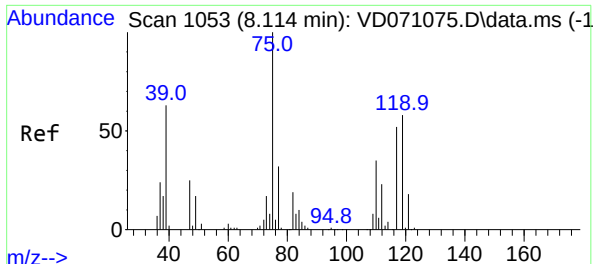
Ion Ratio Lower Upper

113 100

111 108.0 82.0 123.0

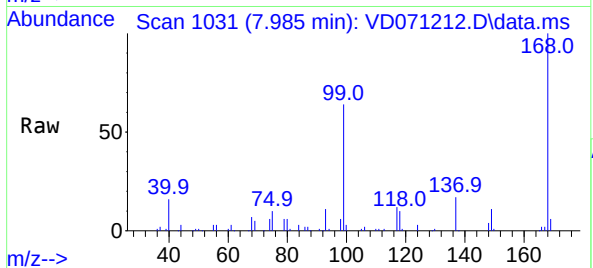
192 17.6 15.2 22.8



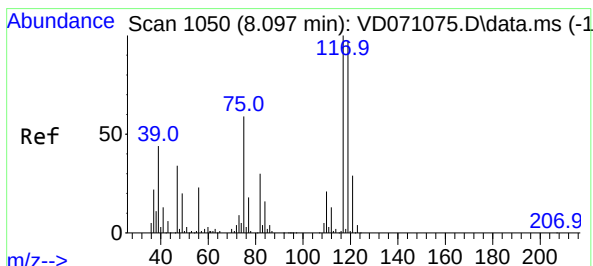
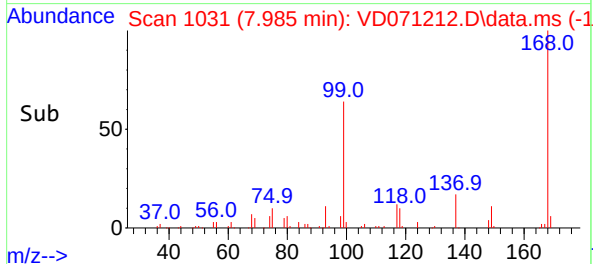
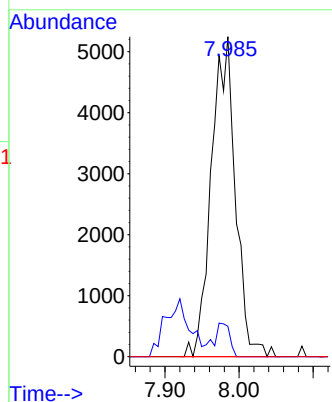


#36
1,1-Dichloropropene
Concen: 5.841 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Instrument :
MSVOA_D
ClientSampleId :

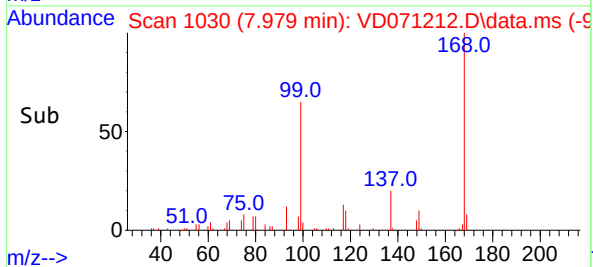
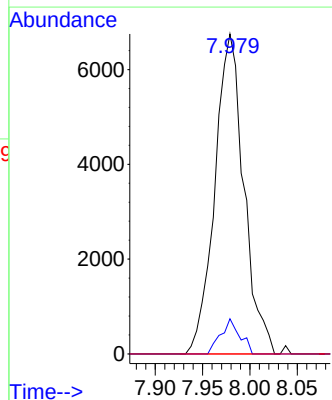
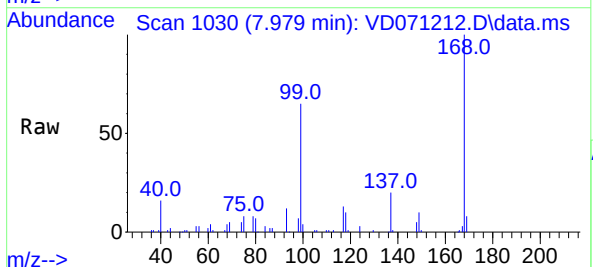


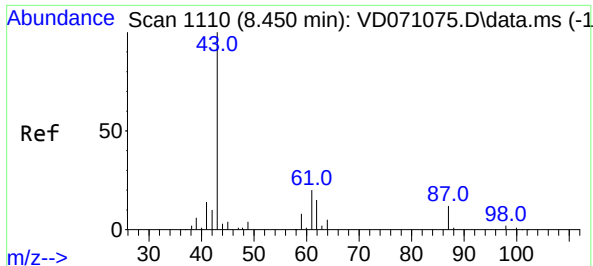
Tgt Ion: 75 Resp: 11840
Ion Ratio Lower Upper
75 100
110 6.6 17.8 53.4#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.210 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Tgt Ion: 117 Resp: 14407
Ion Ratio Lower Upper
117 100
119 11.0 75.8 113.6#
121 0.0 23.6 35.4#





#43

Isopropyl Acetate

Concen: 5.248 ug/l

RT: 8.385 min Scan# 1099

Delta R.T. -0.065 min

Lab File: VD071212.D

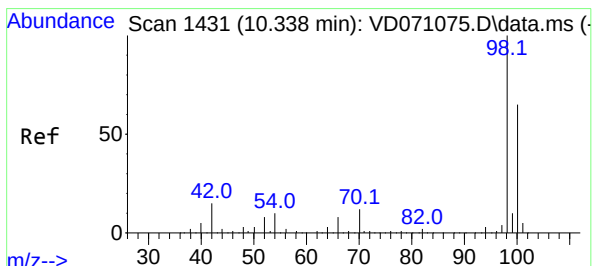
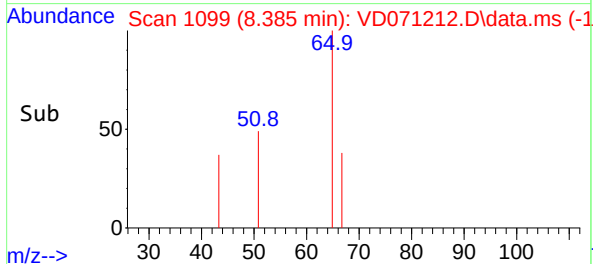
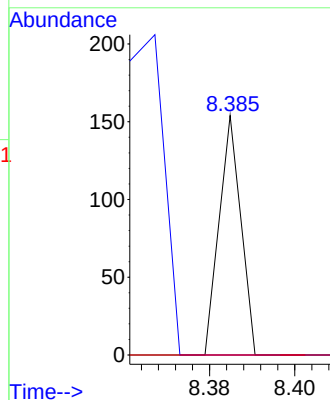
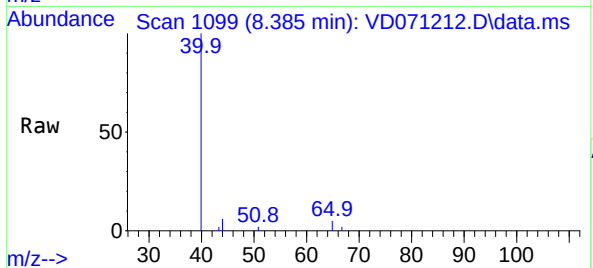
Acq: 08 Dec 2021 18:17

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 54
Ion Ratio	Lower Upper
43	100
61	257.4 28.2 42.4#
87	0.0 10.7 16.1#



#50

Toluene-d8

Concen: 54.692 ug/l

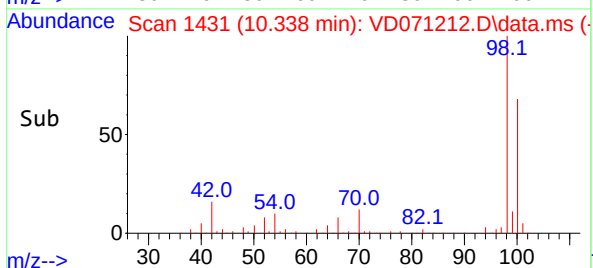
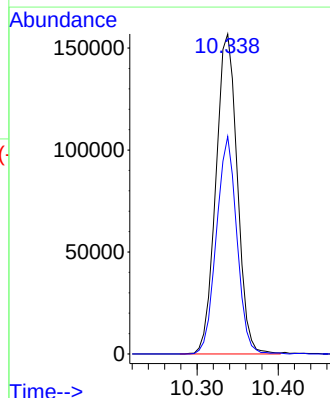
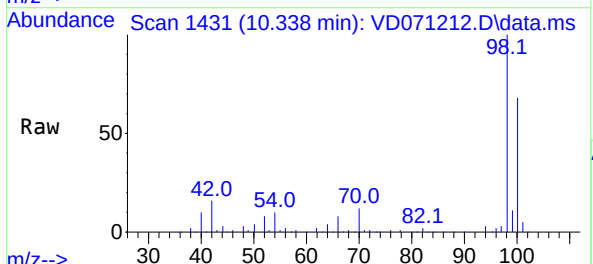
RT: 10.338 min Scan# 1431

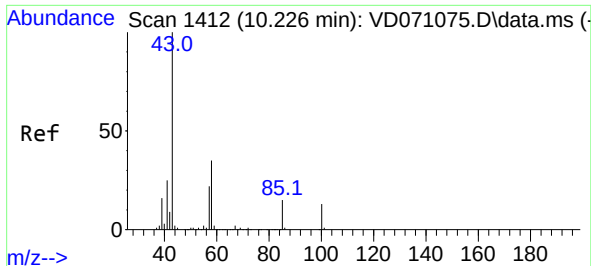
Delta R.T. -0.000 min

Lab File: VD071212.D

Acq: 08 Dec 2021 18:17

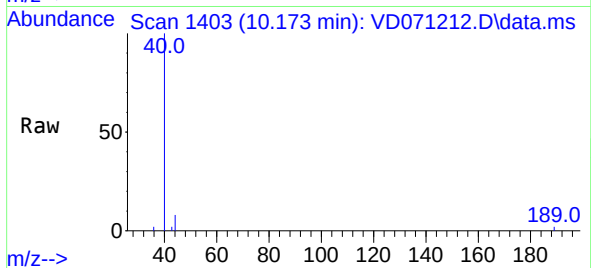
Tgt Ion: 98	Resp: 287450
Ion Ratio	Lower Upper
98	100
100	64.9 51.8 77.6



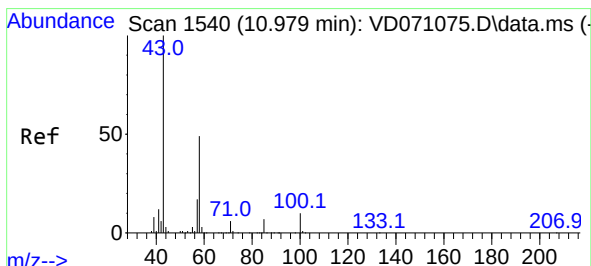
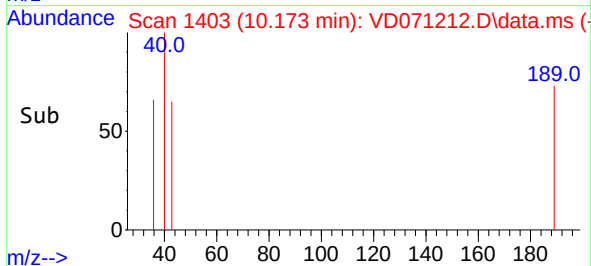
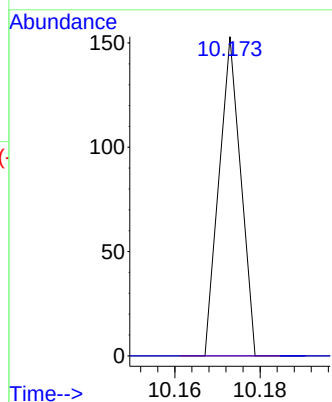


#51
4-Methyl-2-Pentanone
Concen: 30.700 ug/l
RT: 10.173 min Scan# 1412
Delta R.T. -0.053 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Instrument :
MSVOA_D
ClientSampleId :

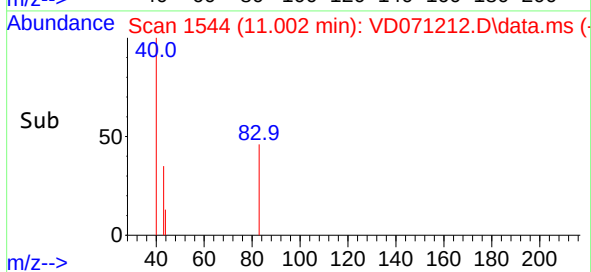
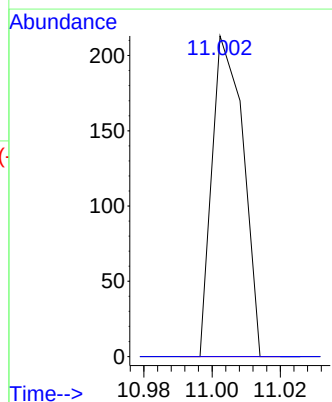
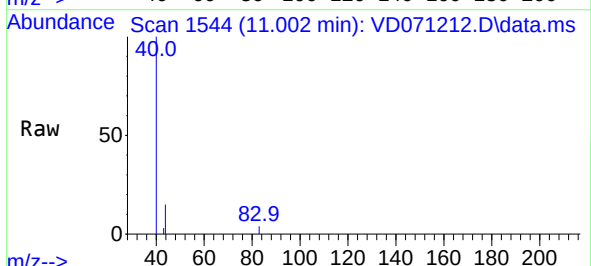


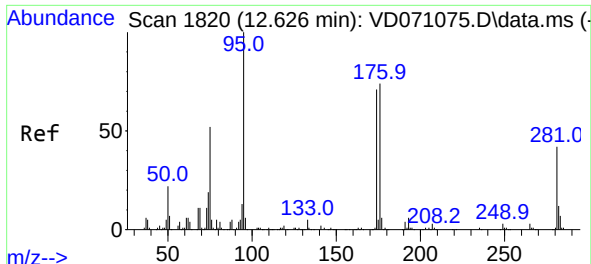
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#



#59
2-Hexanone
Concen: 34.730 ug/l
RT: 11.002 min Scan# 1544
Delta R.T. 0.023 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

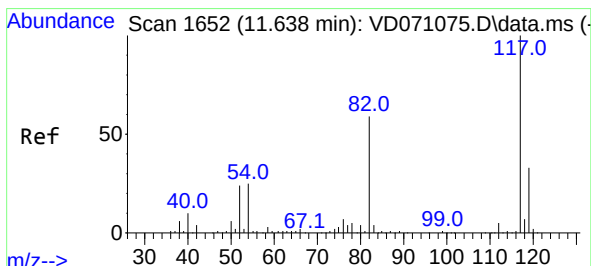
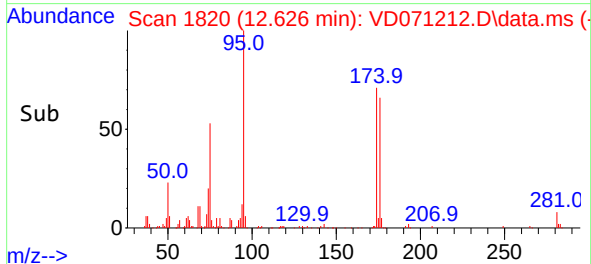
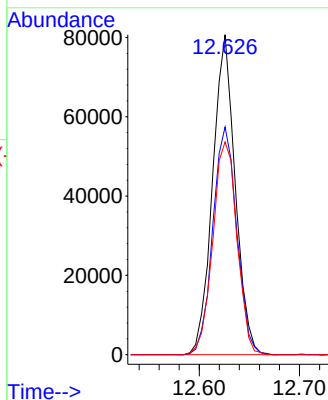
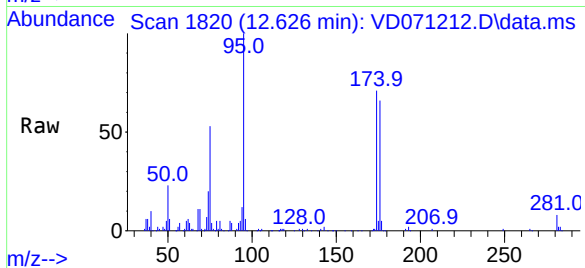




#62
4-Bromofluorobenzene
Concen: 69.222 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

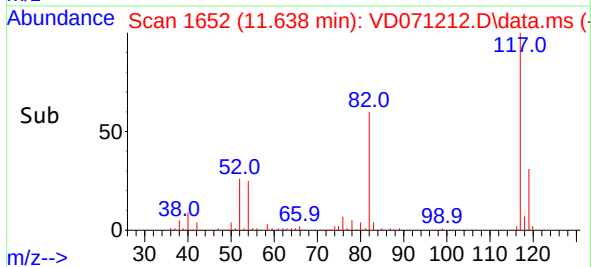
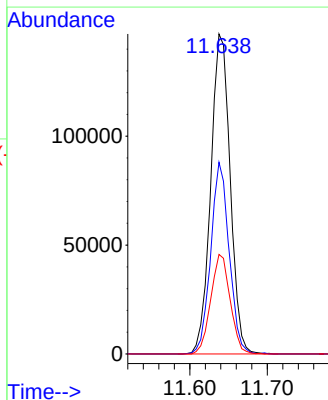
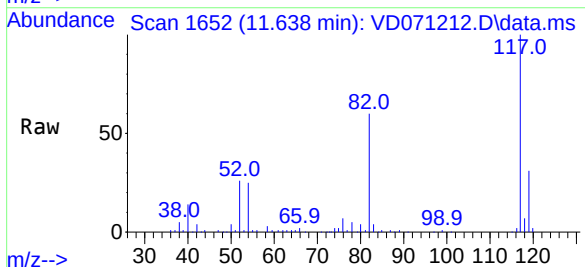
Instrument :
MSVOA_D
ClientSampleId :

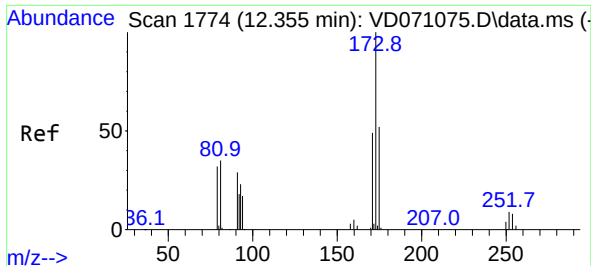
Tgt Ion: 95 Resp: 126113
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 71.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Tgt Ion: 117 Resp: 255778
Ion Ratio Lower Upper
117 100
82 59.9 44.7 67.1
119 31.1 26.2 39.4

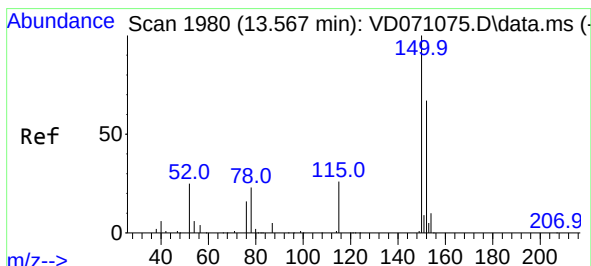
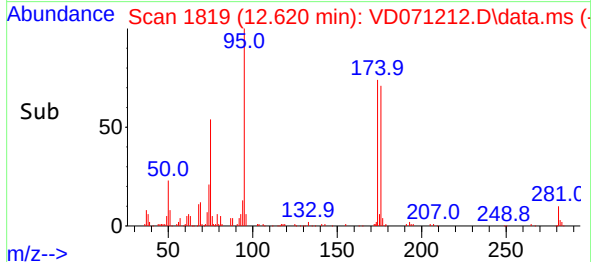
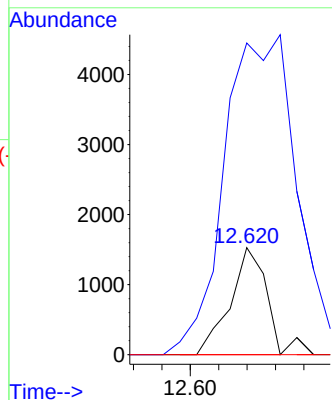
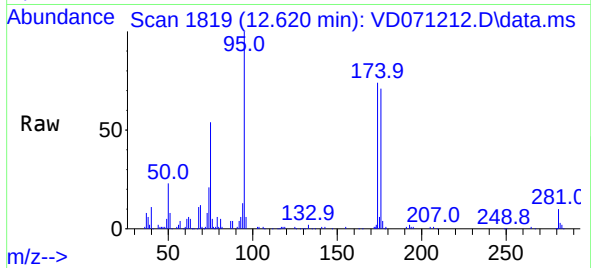




#71
Bromoform
Concen: 1.459 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

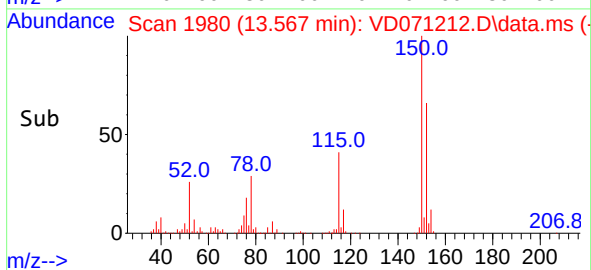
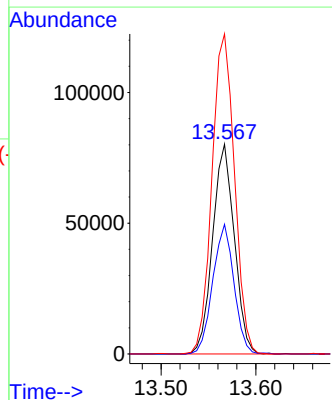
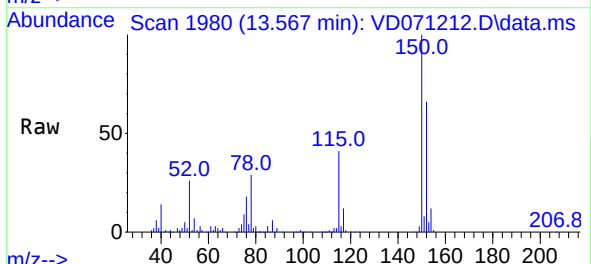
Instrument :
MSVOA_D
ClientSampleId :

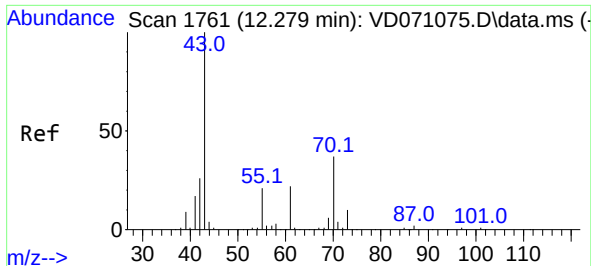
Tgt Ion:173 Resp: 1310
Ion Ratio Lower Upper
173 100
175 382.6 24.1 72.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

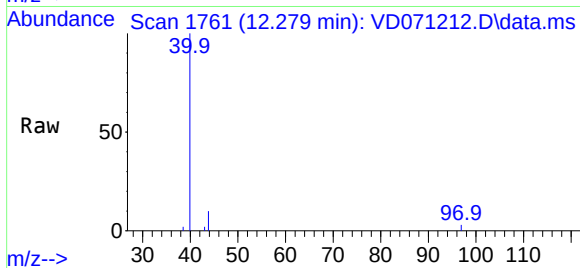
Tgt Ion:152 Resp: 127761
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 158.0 0.0 349.2





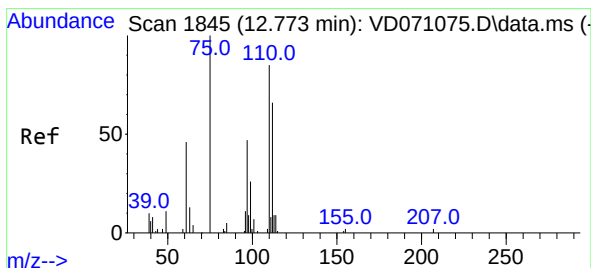
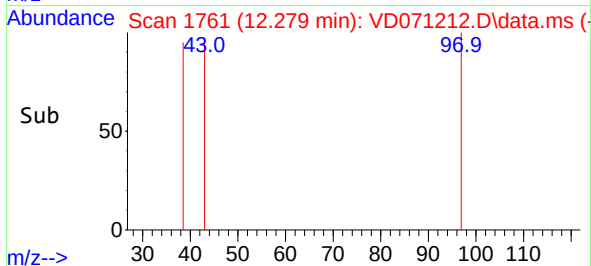
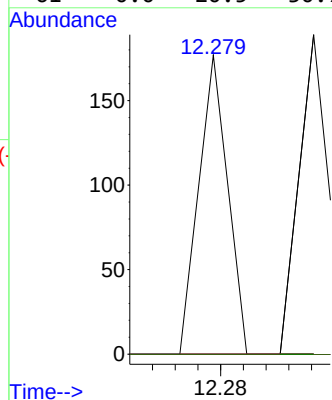
#74
N-amy1 acetate
Concen: 5.723 ug/l
RT: 12.279 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 62

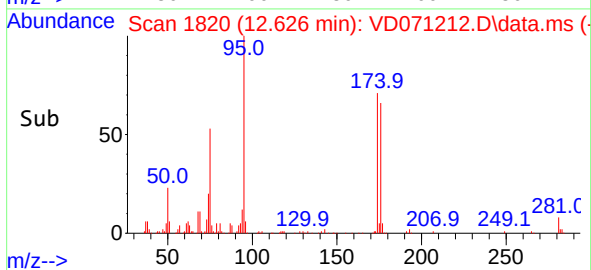
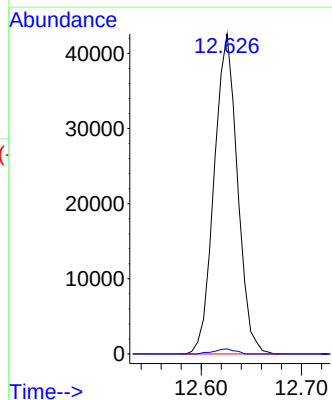
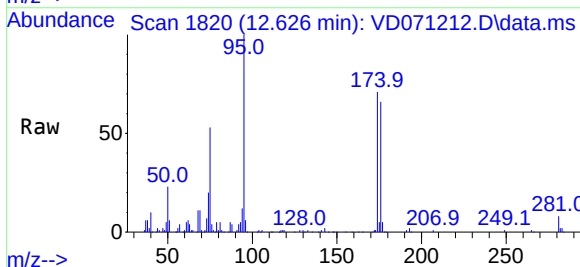
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.6	55.0#
55	0.0	22.5	33.7#
61	0.0	20.5	30.7#

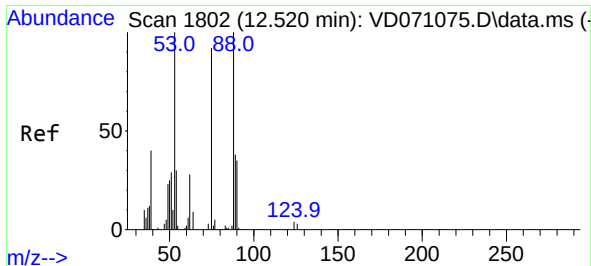


#76
1,2,3-Trichloropropane
Concen: 56.464 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Tgt Ion: 75 Resp: 68731

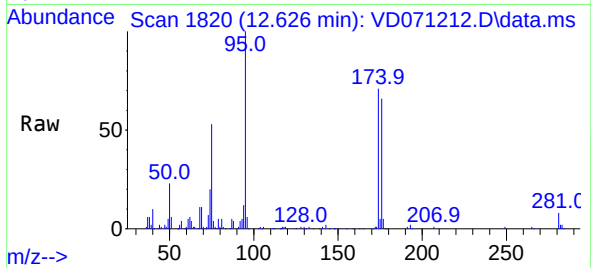
Ion	Ratio	Lower	Upper
75	100		
77	1.4	158.4	475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 122.589 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071212.D
Acq: 08 Dec 2021 18:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 68731
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

