

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071318.D
 Acq On : 14 Dec 2021 14:03
 Operator : VA/SY
 Sample : M5032-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-121021RE

Quant Time: Dec 15 08:29:07 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	7.967	168	2776	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.867	114	4037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	3256	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	866	26.586	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	53.180%
35) Dibromofluoromethane	7.902	113	1183	46.018	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.040%
50) Toluene-d8	10.338	98	4880	49.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.626	95	1507	44.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.238	50	74	2.363	ug/l #	42
6) Chloroethane	2.950	64	85	3.537	ug/l #	39
9) 1,1,2-Trichlorotrifluo...	3.879	101	56	2.005	ug/l #	19
11) Tert butyl alcohol	4.991	59	56	Below Cal	#	71
12) 1,1-Dichloroethene	4.232	96	104	4.036	ug/l #	1
13) Acrolein	3.750	56	62	27.853	ug/l #	64
14) Allyl chloride	4.708	41	70	1.430	ug/l #	49
16) Acetone	4.173	43	94	40.325	ug/l #	40
18) Methyl Acetate	4.697	43	64	2.663	ug/l #	51
21) trans-1,2-Dichloroethene	5.544	96	54	1.861	ug/l #	1
22) Diisopropyl ether	6.379	45	133	1.356	ug/l #	40
23) Vinyl Acetate	6.291	43	115	29.151	ug/l #	72
24) 1,1-Dichloroethane	6.061	63	62	1.099	ug/l #	82
25) 2-Butanone	7.191	43	60	33.684	ug/l #	45
27) cis-1,2-Dichloroethene	7.079	96	60	1.828	ug/l #	1
28) Bromochloromethane	7.608	49	77	3.143	ug/l #	14
29) Tetrahydrofuran	7.567	42	119	23.007	ug/l #	20
31) Cyclohexane	7.697	56	69	1.245	ug/l #	19
32) 1,1,1-Trichloroethane	7.773	97	66	1.299	ug/l #	19
36) 1,1-Dichloropropene	8.191	75	62	1.643	ug/l #	41
37) Ethyl Acetate	7.273	43	133	8.160	ug/l #	66
41) Methacrylonitrile	7.508	41	65	3.550	ug/l #	40
43) Isopropyl Acetate	8.479	43	98	7.670	ug/l #	47
48) Methyl methacrylate	9.461	41	79	4.952	ug/l #	1
51) 4-Methyl-2-Pentanone	10.208	43	60	33.516	ug/l #	34
53) t-1,3-Dichloropropene	10.508	75	70	2.059	ug/l #	44
57) 1,3-Dichloropropane	10.979	76	65	2.017	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.802	63	60	4.807	ug/l #	1
59) 2-Hexanone	10.820	43	112	41.543	ug/l	87
64) Tetrachloroethene	10.626	164	62	2.999	ug/l #	1
67) Ethyl Benzene	11.720	91	164	1.442	ug/l #	44
68) m/p-Xylenes	11.855	106	57	1.328	ug/l #	1
69) o-Xylene	12.167	106	59	1.462	ug/l	97
74) N-amyl acetate	12.320	43	59	7.889	ug/l #	40
76) 1,2,3-Trichloropropane	12.790	75	78	6.794	ug/l #	1
77) Bromobenzene	12.737	156	56	2.963	ug/l #	1

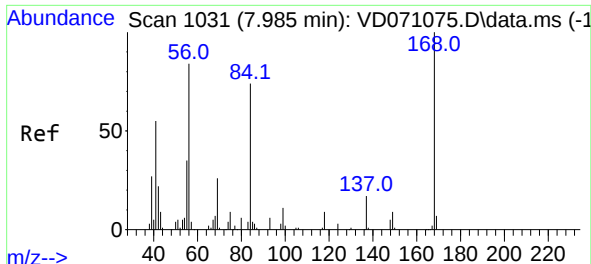
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
Data File : VD071318.D
Acq On : 14 Dec 2021 14:03
Operator : VA/SY
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TR-04-121021RE

Quant Time: Dec 15 08:29:07 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)
81) trans-1,4-Dichloro-2-b...	12.614	75	1545	284.186	ug/l #	18
83) tert-Butylbenzene	13.208	119	76	1.230	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.261	105	269	3.829	ug/l #	31
85) sec-Butylbenzene	13.261	105	269	2.850	ug/l #	57
86) p-Isopropyltoluene	13.455	119	122	1.581	ug/l #	51
90) Hexachloroethane	14.231	117	88	6.014	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.343	75	58	24.787	ug/l #	4
95) Naphthalene	15.467	128	56	1.592	ug/l #	69

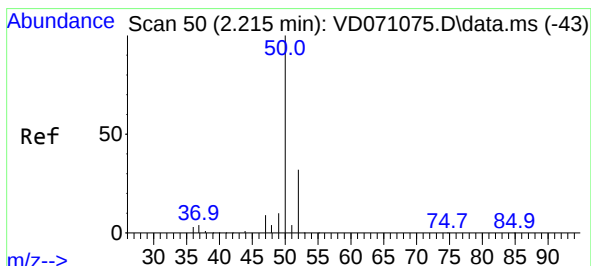
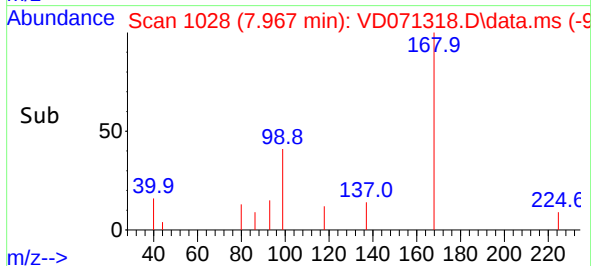
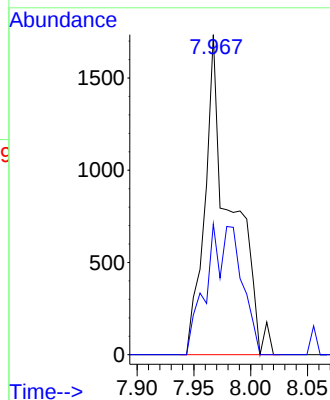
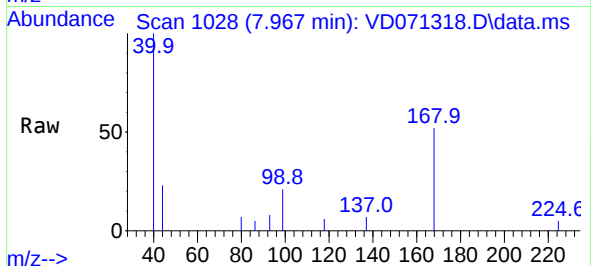
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1031
Delta R.T. -0.018 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

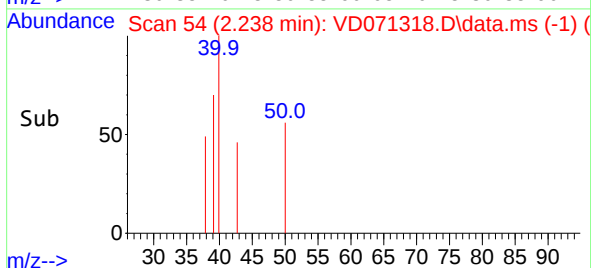
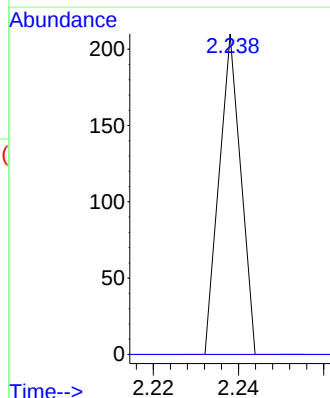
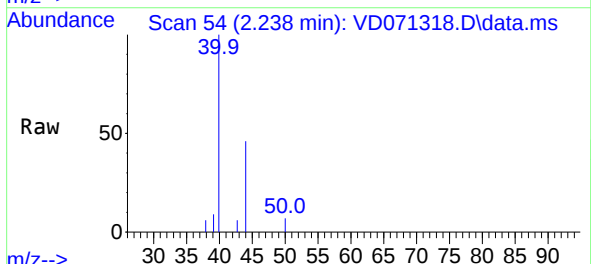
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

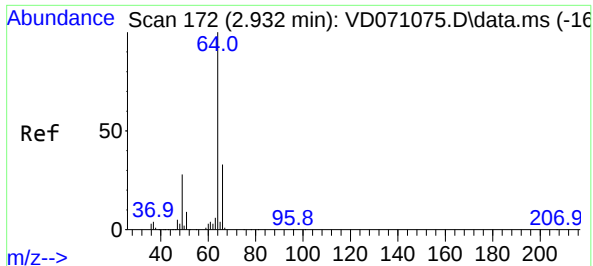
Tgt Ion:168 Resp: 2776
Ion Ratio Lower Upper
168 100
99 40.9 46.6 69.8#



#3
Chloromethane
Concen: 2.363 ug/l
RT: 2.238 min Scan# 54
Delta R.T. 0.023 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 50 Resp: 74
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.8#

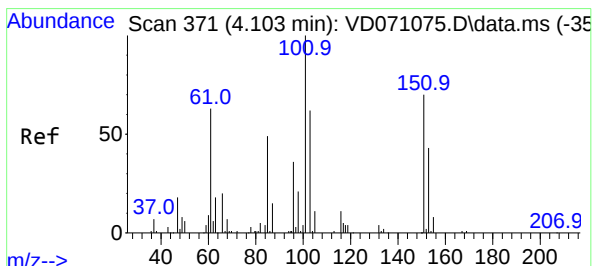
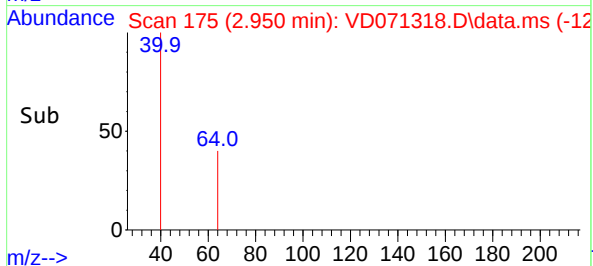
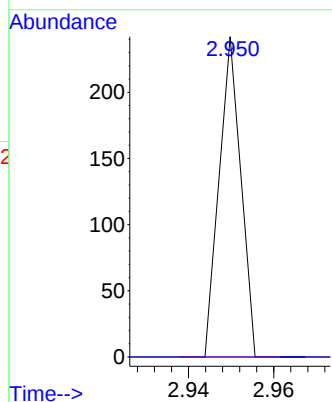
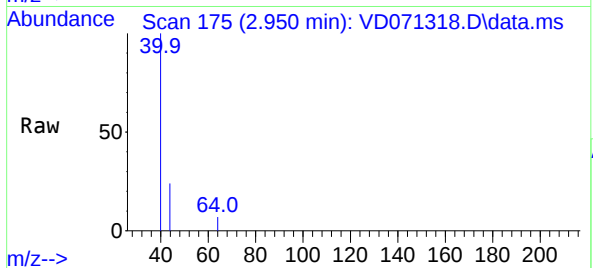




#6
Chloroethane
Concen: 3.537 ug/l
RT: 2.950 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

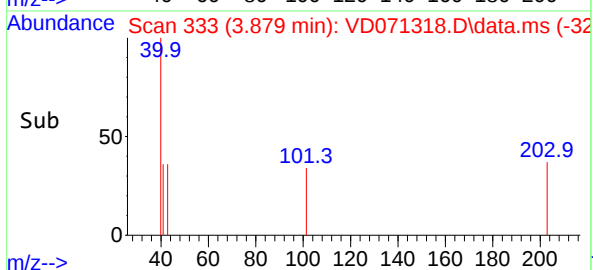
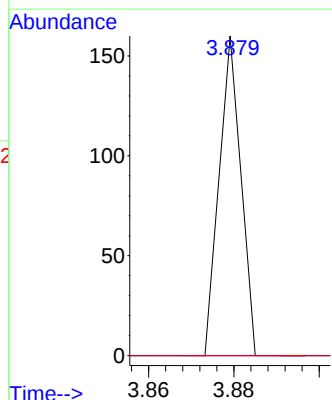
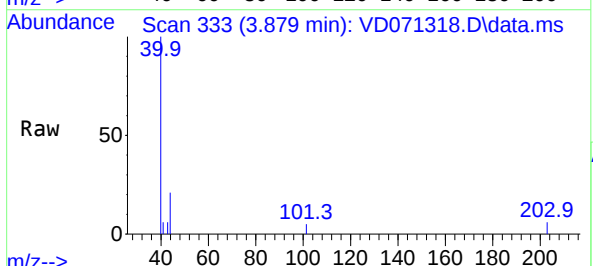
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

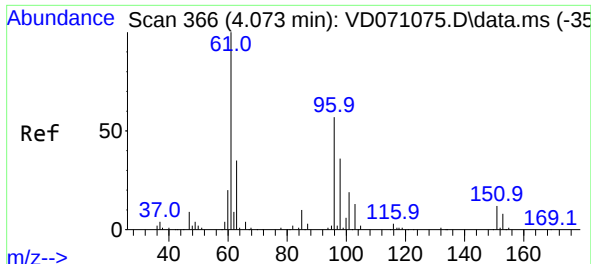
Tgt Ion: 64 Resp: 85
Ion Ratio Lower Upper
64 100
66 0.0 29.0 43.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.005 ug/l
RT: 3.879 min Scan# 333
Delta R.T. -0.224 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 101 Resp: 56
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 60.4 90.6#





#12

1,1-Dichloroethene

Concen: 4.036 ug/l

RT: 4.232 min Scan# 311

Delta R.T. 0.159 min

Lab File: VD071318.D

Acq: 14 Dec 2021 14:03

Instrument :

MSVOA_D

ClientSampleId :

TR-04-121021RE

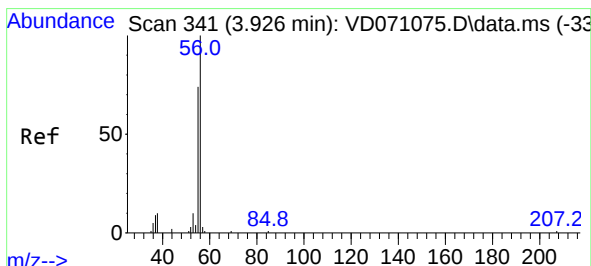
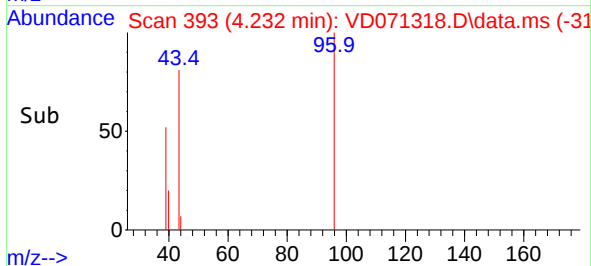
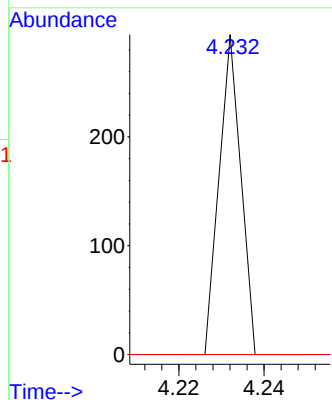
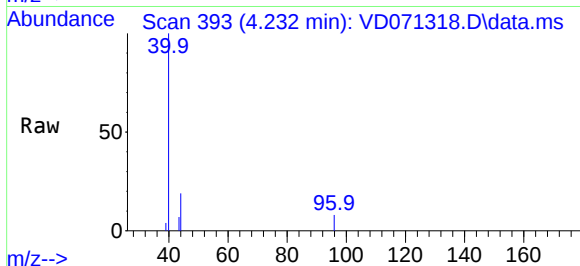
Tgt Ion: 96 Resp: 104

Ion Ratio Lower Upper

96 100

61 0.0 120.3 180.5#

98 0.0 54.4 81.6#



#13

Acrolein

Concen: 27.853 ug/l

RT: 3.750 min Scan# 311

Delta R.T. -0.176 min

Lab File: VD071318.D

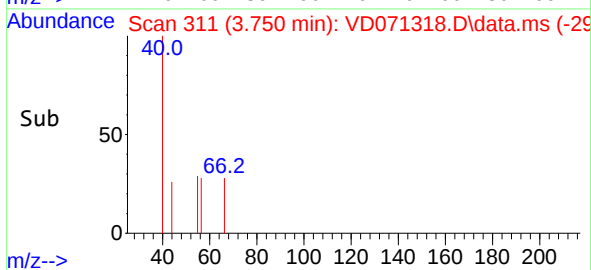
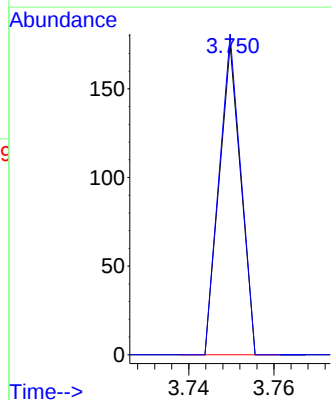
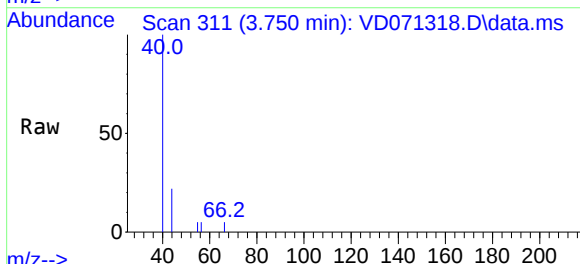
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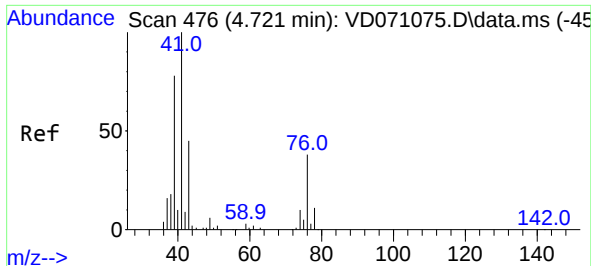
Tgt Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 103.2 58.6 87.8#

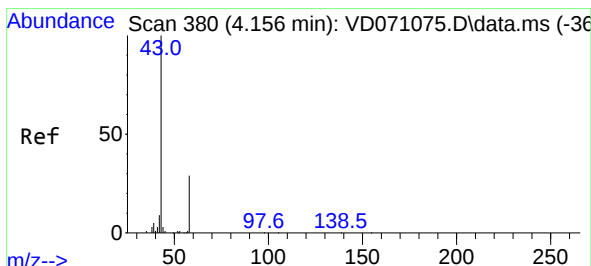
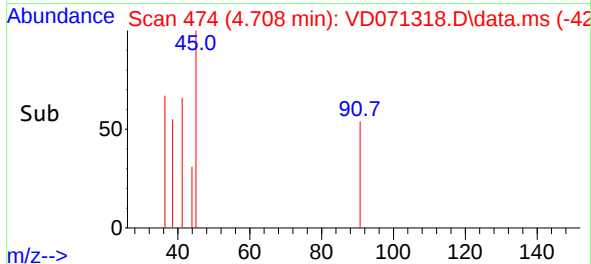
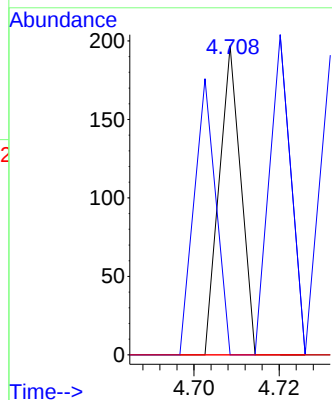
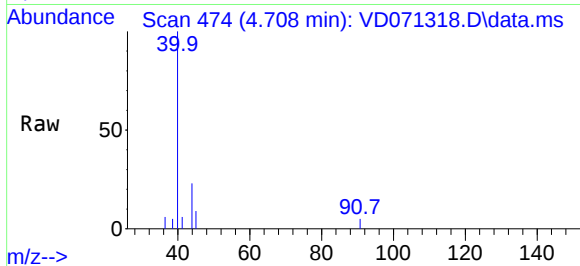




#14
 Allyl chloride
 Concen: 1.430 ug/l
 RT: 4.708 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VD071318.D
 Acq: 14 Dec 2021 14:03

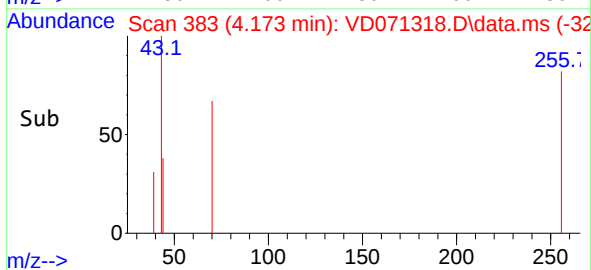
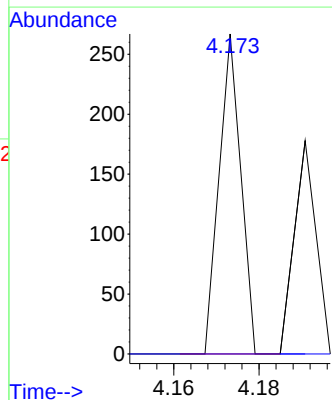
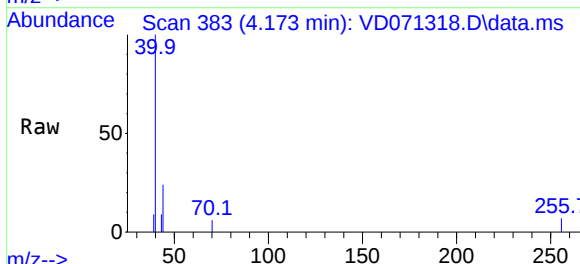
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-121021RE

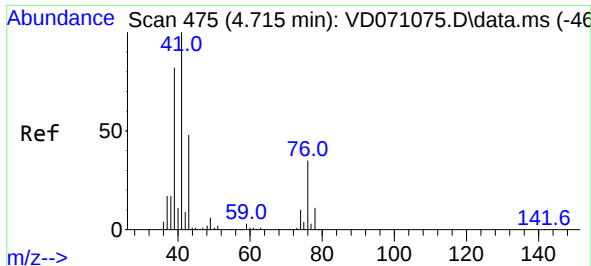
Tgt Ion: 41	Resp: 70
Ion Ratio	Lower Upper
41 100	
39 88.6	45.6 68.4#
76 0.0	30.2 45.4#



#16
 Acetone
 Concen: 40.325 ug/l
 RT: 4.173 min Scan# 383
 Delta R.T. 0.017 min
 Lab File: VD071318.D
 Acq: 14 Dec 2021 14:03

Tgt Ion: 43	Resp: 94
Ion Ratio	Lower Upper
43 100	
58 0.0	27.8 41.8#

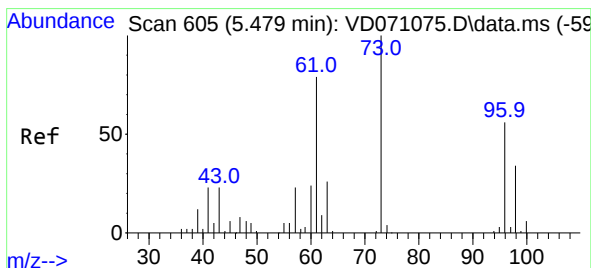
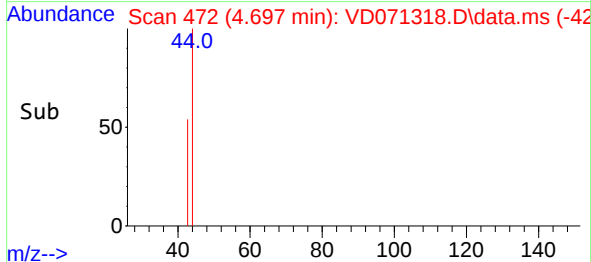
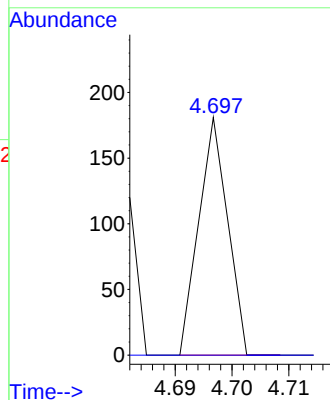
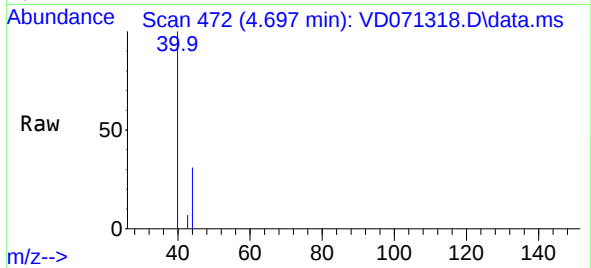




#18
Methyl Acetate
Concen: 2.663 ug/l
RT: 4.697 min Scan# 41
Delta R.T. -0.018 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

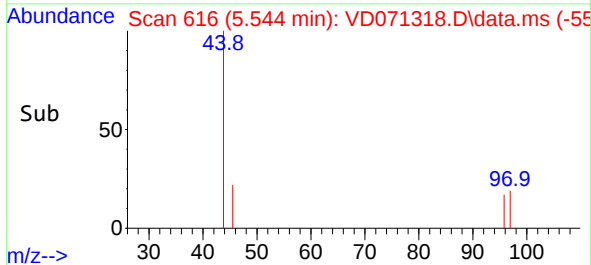
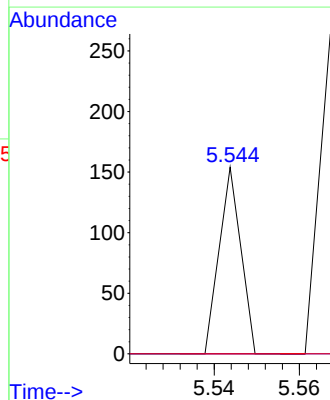
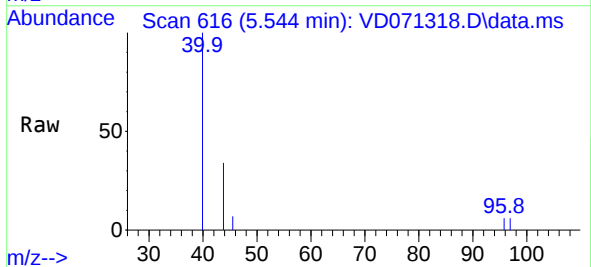
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

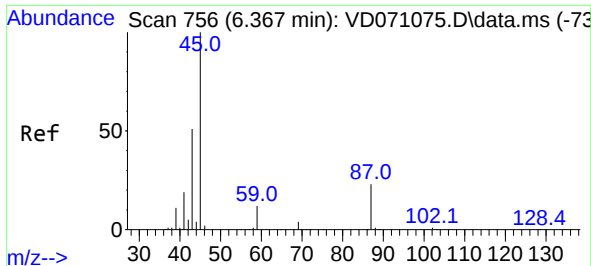
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#



#21
trans-1,2-Dichloroethene
Concen: 1.861 ug/l
RT: 5.544 min Scan# 616
Delta R.T. 0.065 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 96 Resp: 54
Ion Ratio Lower Upper
96 100
61 0.0 102.1 153.1#
98 0.0 50.1 75.1#





#22

Diisopropyl ether

Concen: 1.356 ug/l

RT: 6.379 min Scan# 71

Delta R.T. 0.012 min

Lab File: VD071318.D

Acq: 14 Dec 2021 14:03

Instrument :

MSVOA_D

ClientSampleId :

TR-04-121021RE

Tgt Ion: 45 Resp: 133

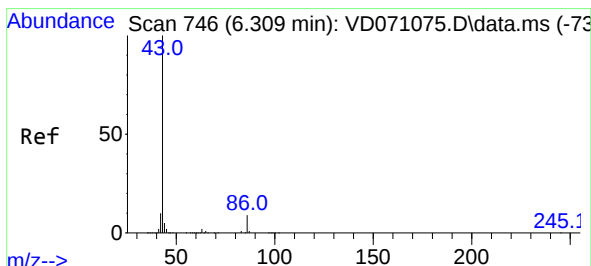
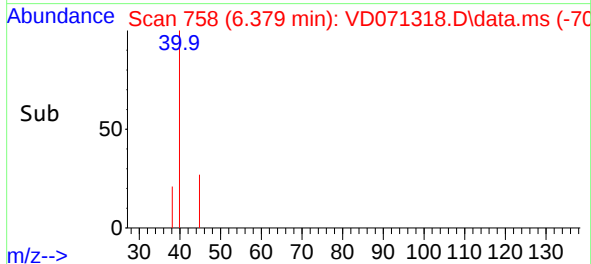
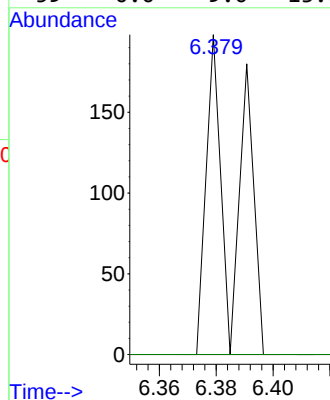
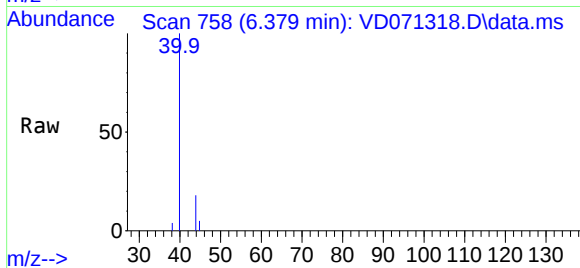
Ion Ratio Lower Upper

45 100

43 0.0 39.6 59.4#

87 0.0 21.2 31.8#

59 0.0 9.0 13.6#



#23

Vinyl Acetate

Concen: 29.151 ug/l

RT: 6.291 min Scan# 743

Delta R.T. -0.018 min

Lab File: VD071318.D

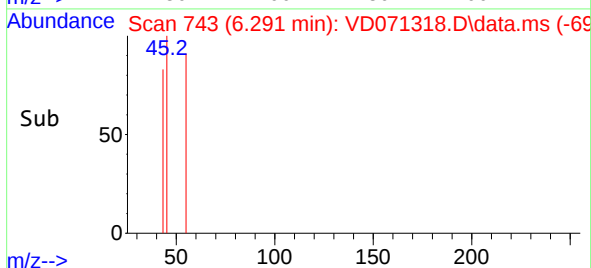
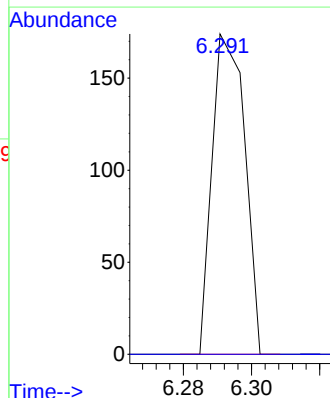
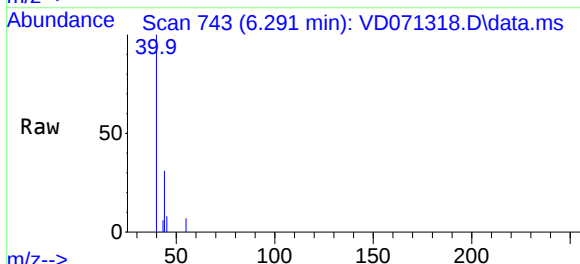
Acq: 14 Dec 2021 14:03

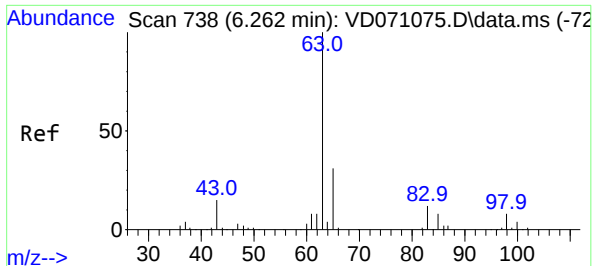
Tgt Ion: 43 Resp: 115

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.4#

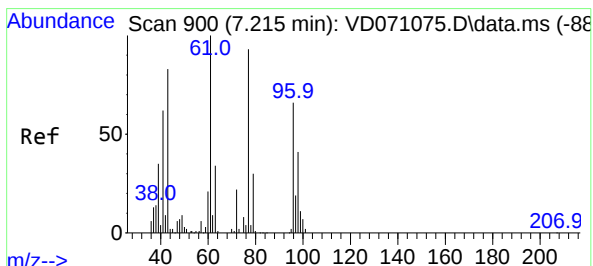
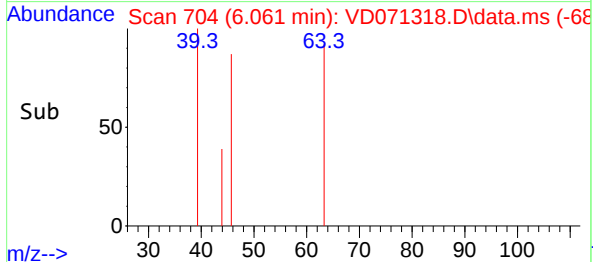
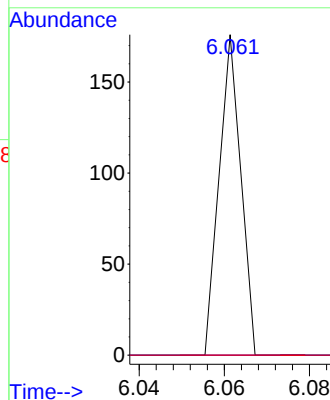
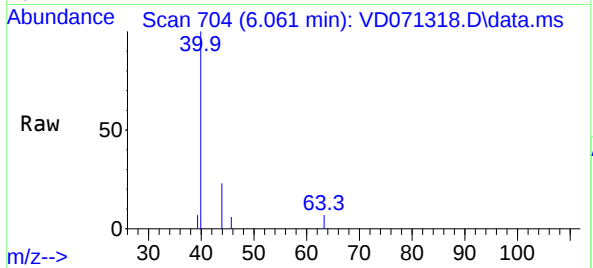




#24
1,1-Dichloroethane
Concen: 1.099 ug/l
RT: 6.061 min Scan# 704
Delta R.T. -0.201 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

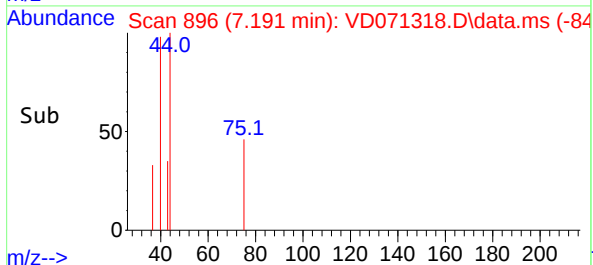
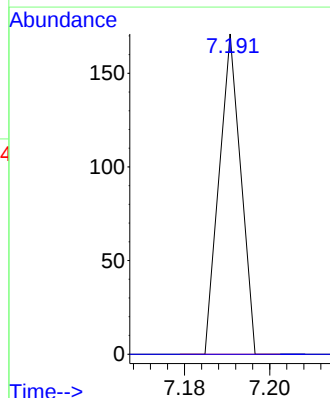
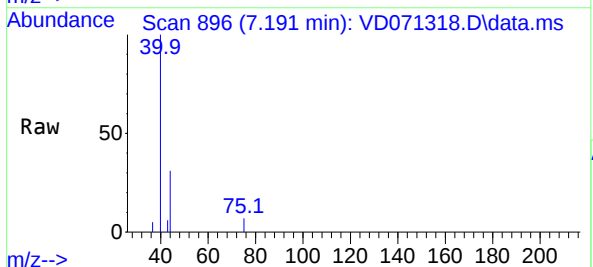
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

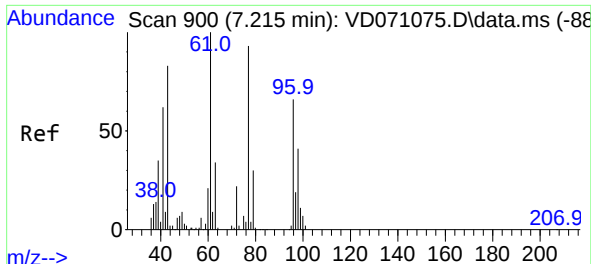
Tgt Ion: 63 Resp: 62
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.6#
100 0.0 2.1 6.3#



#25
2-Butanone
Concen: 33.684 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.024 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#

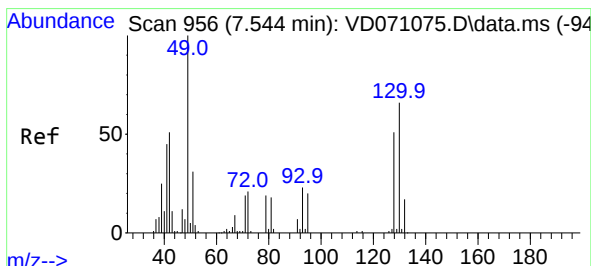
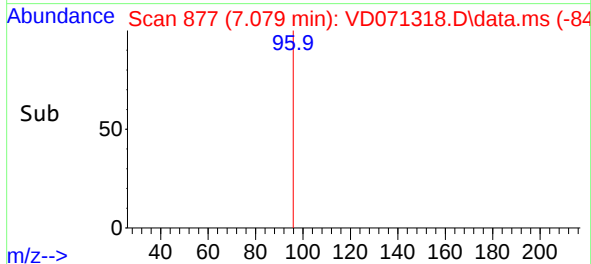
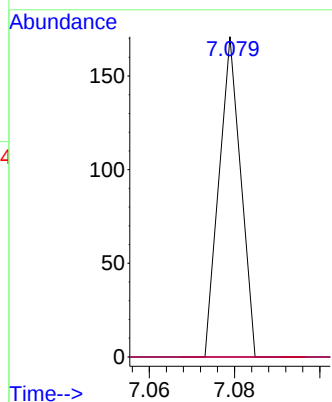
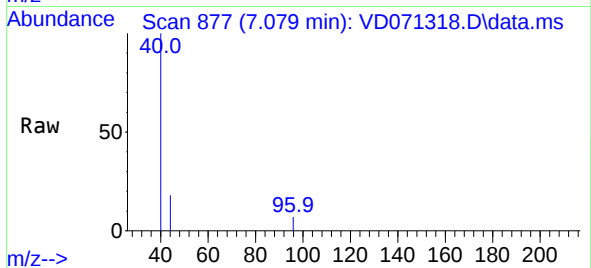




#27
cis-1,2-Dichloroethene
Concen: 1.828 ug/l
RT: 7.079 min Scan# 81
Delta R.T. -0.136 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

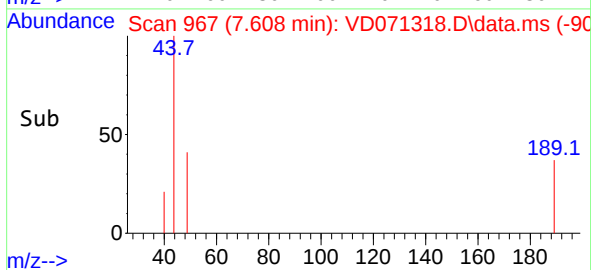
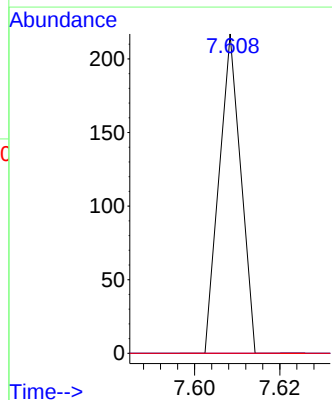
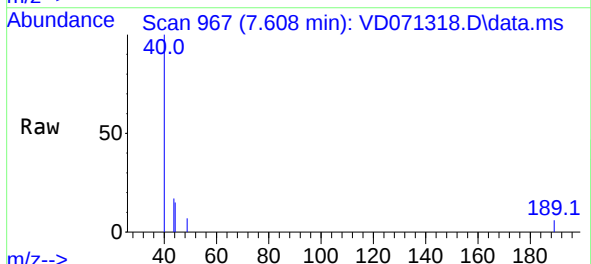
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

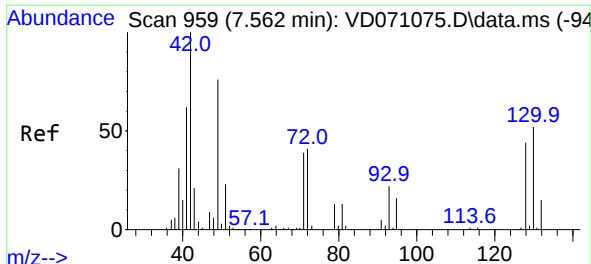
Tgt Ion: 96 Resp: 60
Ion Ratio Lower Upper
96 100
61 0.0 0.0 288.6
98 0.0 0.0 129.2



#28
Bromochloromethane
Concen: 3.143 ug/l
RT: 7.608 min Scan# 967
Delta R.T. 0.064 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 49 Resp: 77
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 60.2 90.2#





#29

Tetrahydrofuran

Concen: 23.007 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.005 min

Lab File: VD071318.D

Acq: 14 Dec 2021 14:03

Instrument :

MSVOA_D

ClientSampleId :

TR-04-121021RE

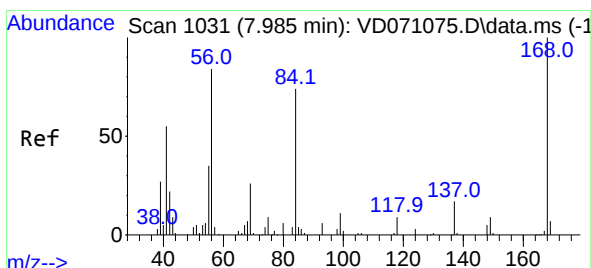
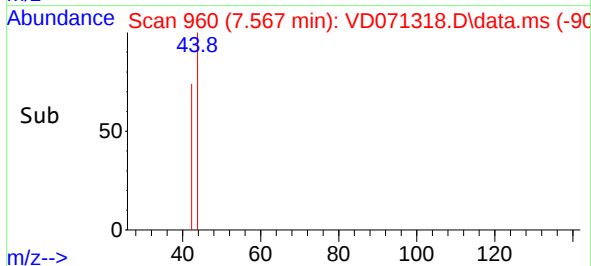
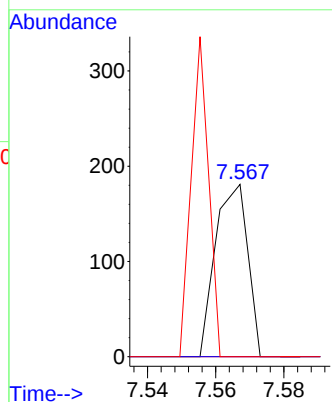
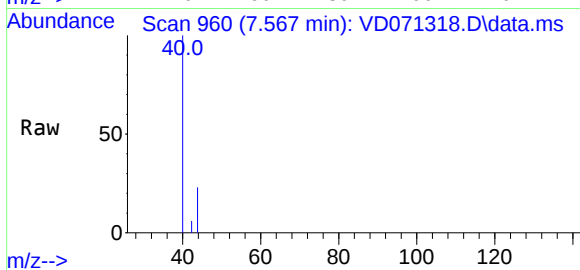
Tgt Ion: 42 Resp: 119

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 100.0 32.7 49.1#



#31

Cyclohexane

Concen: 1.245 ug/l

RT: 7.697 min Scan# 982

Delta R.T. -0.288 min

Lab File: VD071318.D

Acq: 14 Dec 2021 14:03

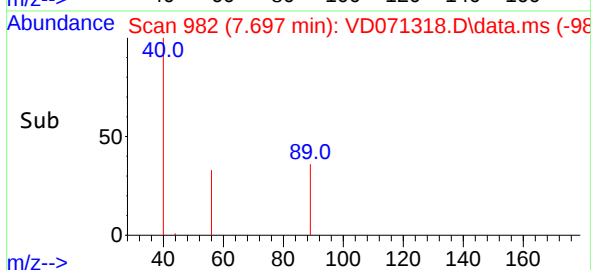
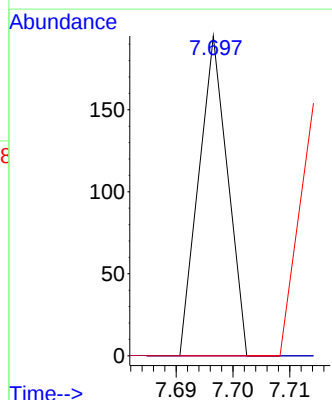
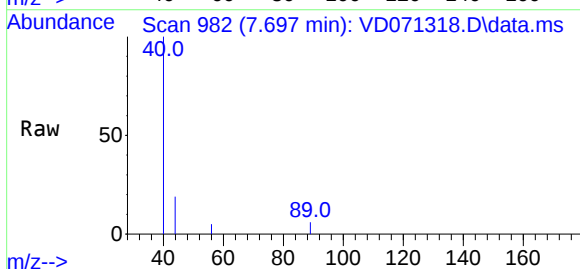
Tgt Ion: 56 Resp: 69

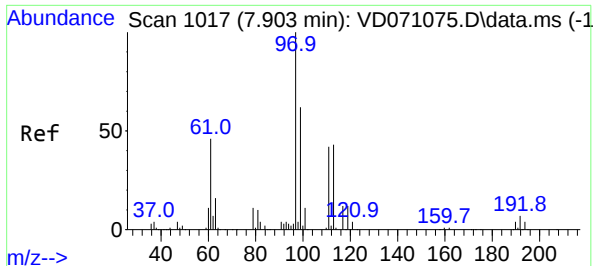
Ion Ratio Lower Upper

56 100

69 0.0 25.9 38.9#

84 0.0 64.3 96.5#

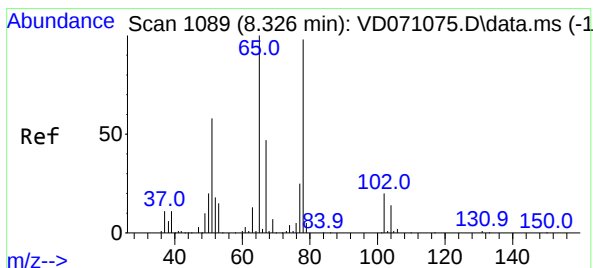
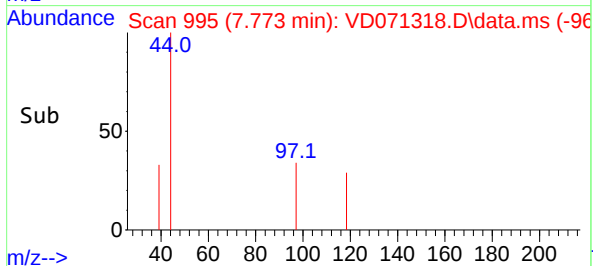
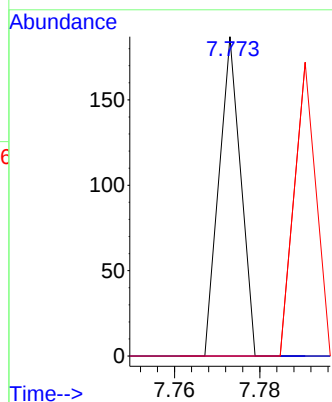
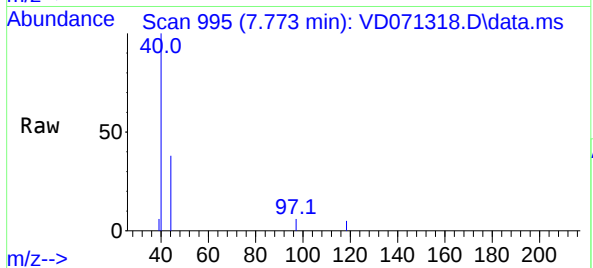




#32
1,1,1-Trichloroethane
Concen: 1.299 ug/l
RT: 7.773 min Scan# 91
Delta R.T. -0.130 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

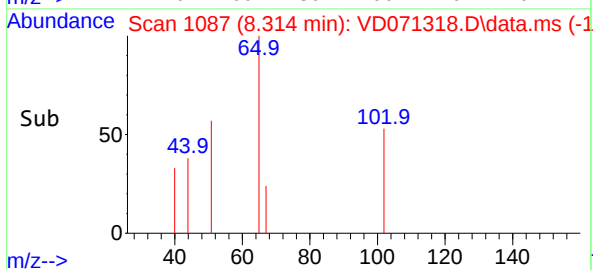
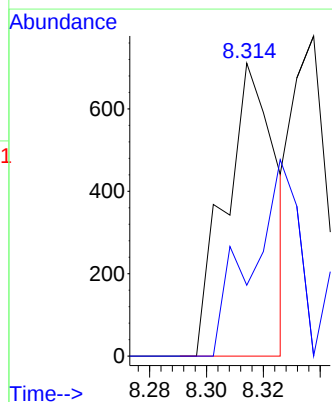
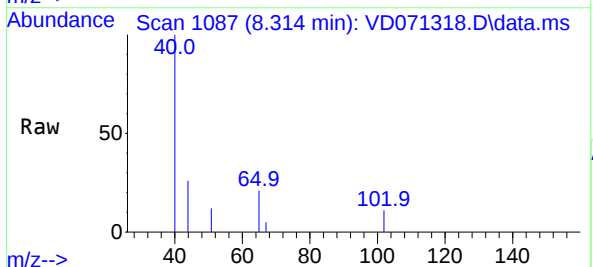
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

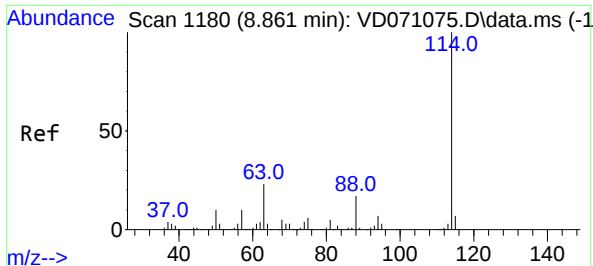
Tgt Ion: 97	Resp: 66
Ion Ratio	Lower Upper
97 100	
99 0.0	50.3 75.5#
61 92.4	33.0 49.4#



#33
1,2-Dichloroethane-d4
Concen: 26.586 ug/l
RT: 8.314 min Scan# 1087
Delta R.T. -0.012 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 65	Resp:	866	
Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071318.D

Acq: 14 Dec 2021 14:03

Instrument :

MSVOA_D

ClientSampleId :

TR-04-121021RE

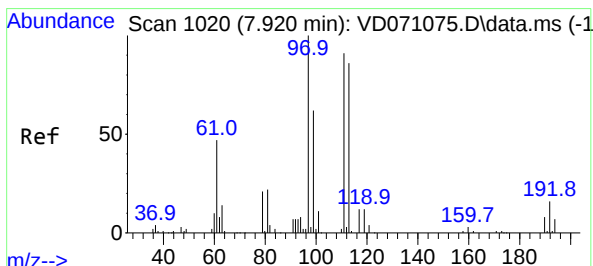
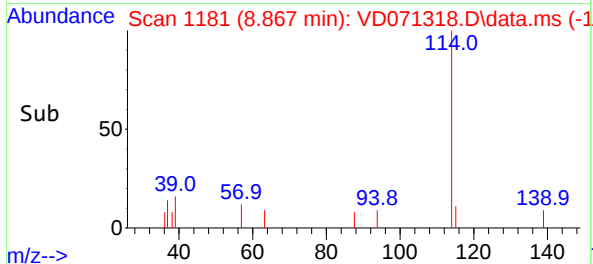
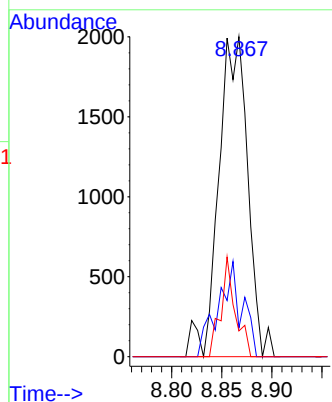
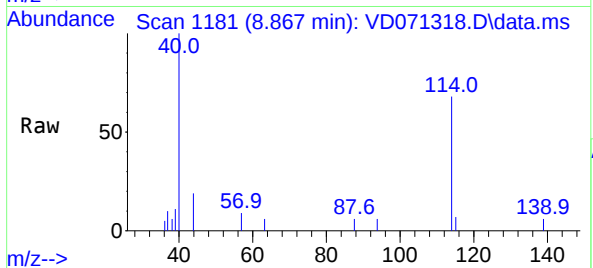
Tgt Ion:114 Resp: 4037

Ion Ratio Lower Upper

114 100

63 9.0 0.0 41.8

88 8.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.018 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.018 min

Lab File: VD071318.D

Acq: 14 Dec 2021 14:03

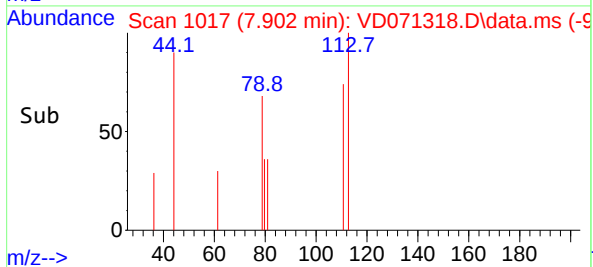
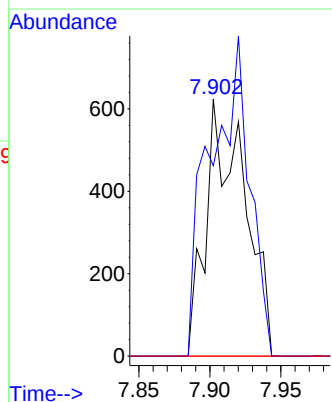
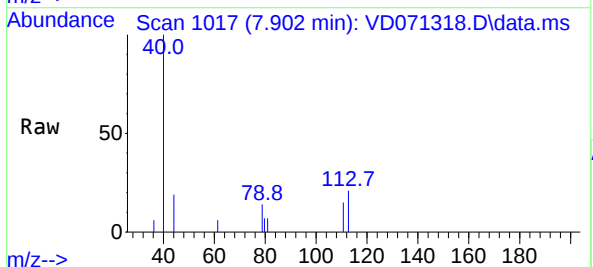
Tgt Ion:113 Resp: 1183

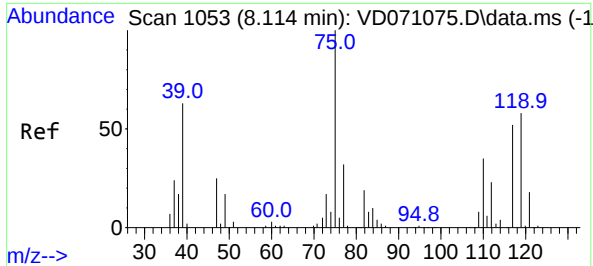
Ion Ratio Lower Upper

113 100

111 125.8 82.0 123.0#

192 0.0 15.2 22.8#

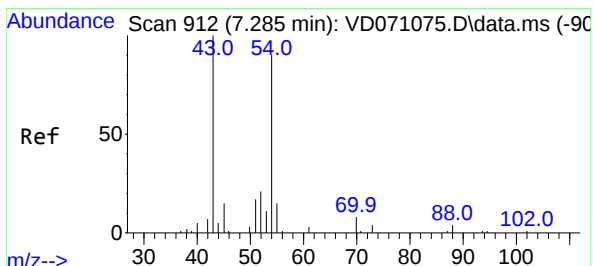
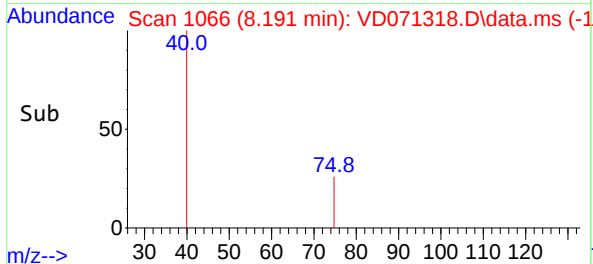
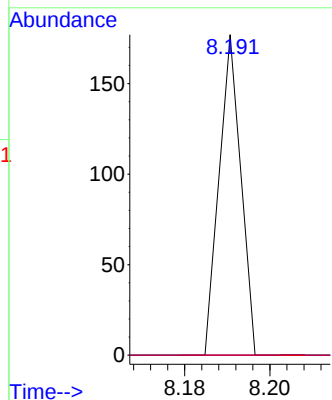
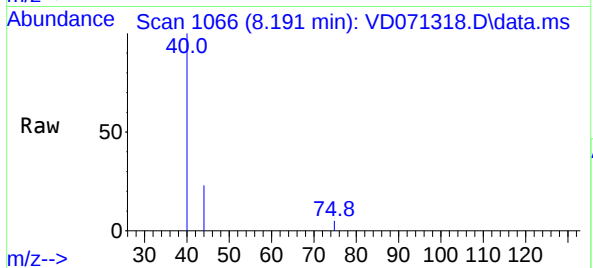




#36
1,1-Dichloropropene
Concen: 1.643 ug/l
RT: 8.191 min Scan# 1066
Delta R.T. 0.077 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

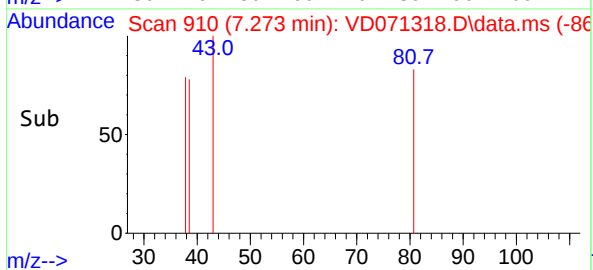
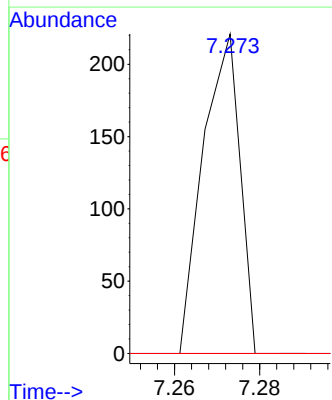
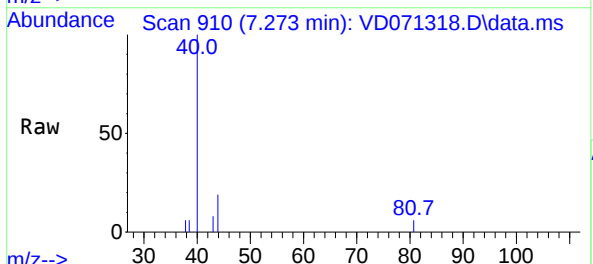
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

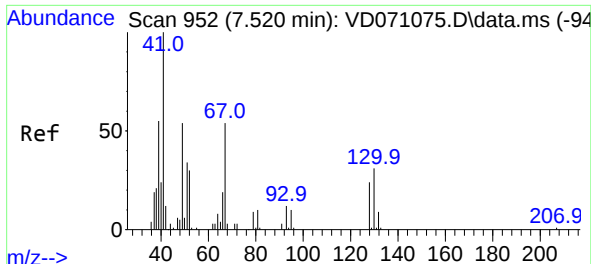
Tgt Ion: 75 Resp: 62
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.4#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 8.160 ug/l
RT: 7.273 min Scan# 910
Delta R.T. -0.012 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.6#
70 0.0 8.7 13.1#

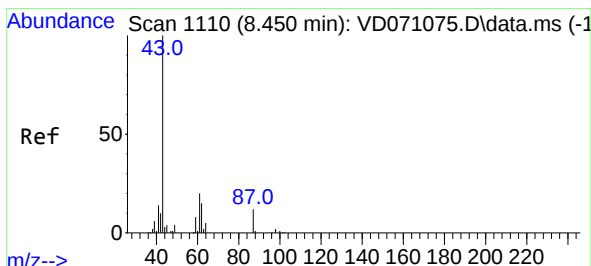
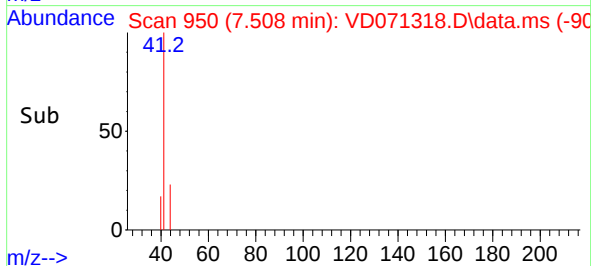
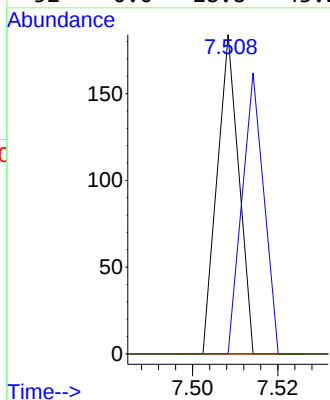
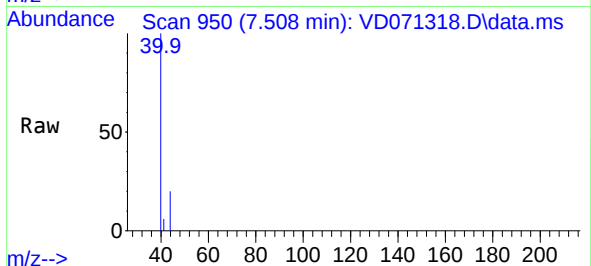




#41
Methacrylonitrile
Concen: 3.550 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

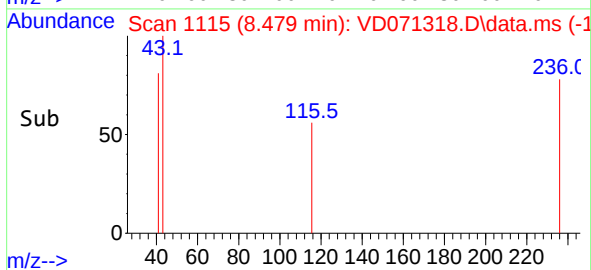
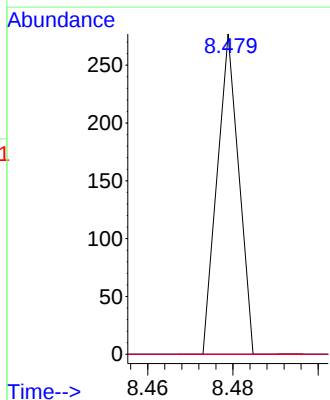
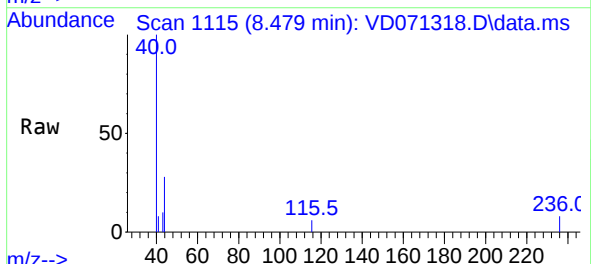
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

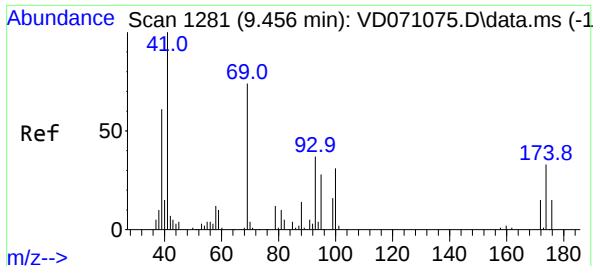
Tgt Ion: 41	Resp: 65
Ion Ratio	Lower Upper
41 100	
39 87.7	60.2 90.4
67 0.0	74.8 112.2#
52 0.0	28.8 43.2#



#43
Isopropyl Acetate
Concen: 7.670 ug/l
RT: 8.479 min Scan# 1115
Delta R.T. 0.029 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 43	Resp: 98
Ion Ratio	Lower Upper
43 100	
61 0.0	28.2 42.4#
87 0.0	10.7 16.1#

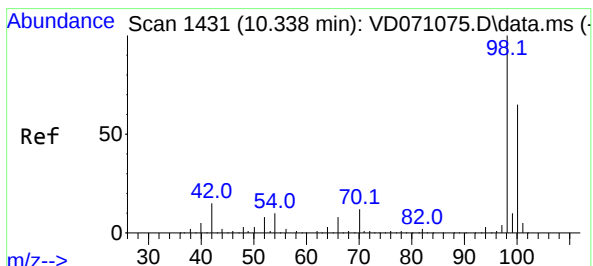
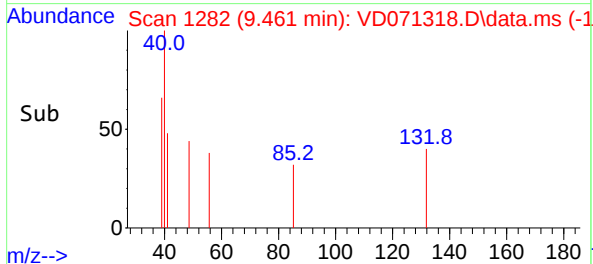
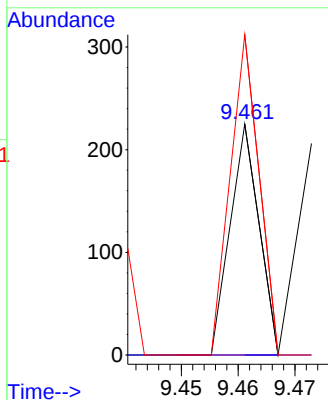
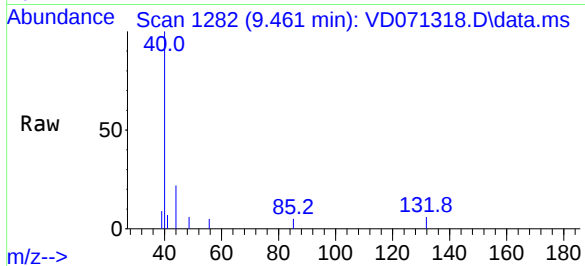




#48
Methyl methacrylate
Concen: 4.952 ug/l
RT: 9.461 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

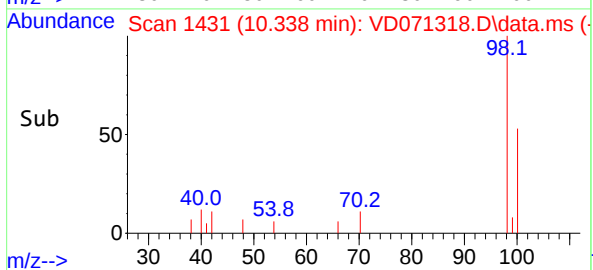
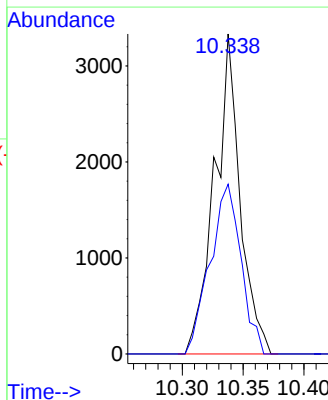
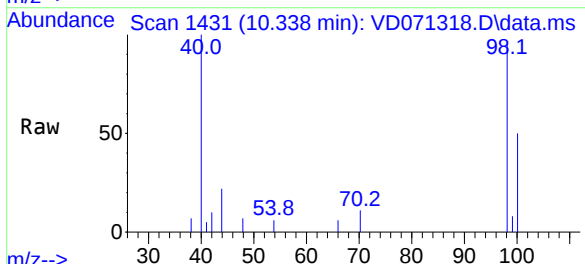
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

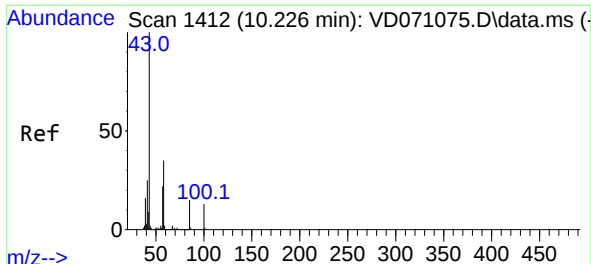
Tgt Ion: 41 Resp: 79
Ion Ratio Lower Upper
41 100
69 0.0 69.8 104.6#
39 139.2 35.6 53.4#



#50
Toluene-d8
Concen: 49.883 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 98 Resp: 4880
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6

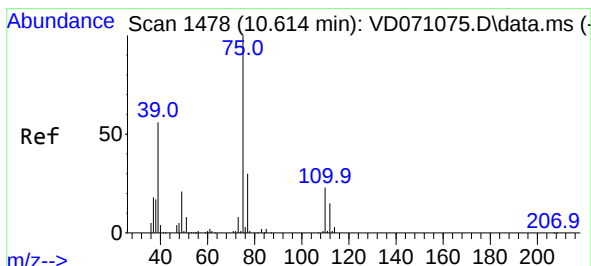
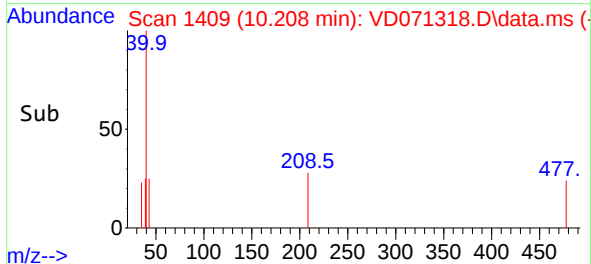
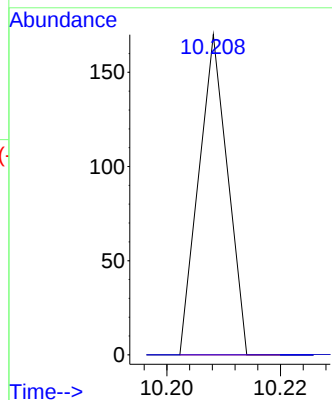
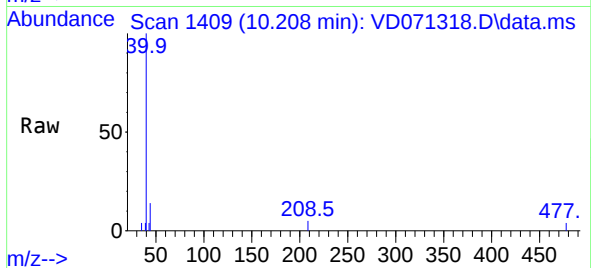




#51
4-Methyl-2-Pentanone
Concen: 33.516 ug/l
RT: 10.208 min Scan# 1412
Delta R.T. -0.018 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

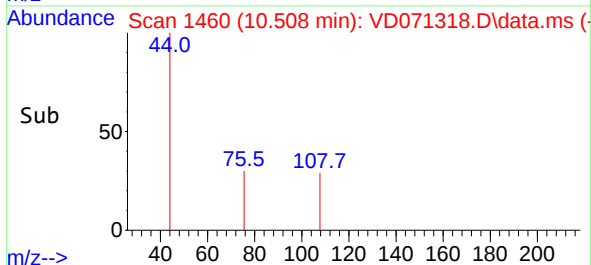
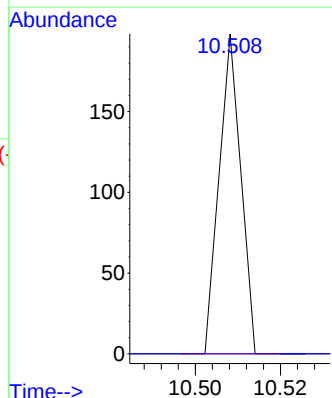
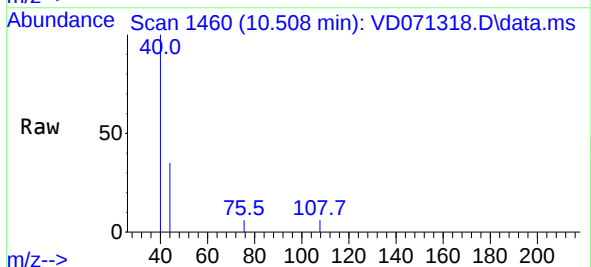
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

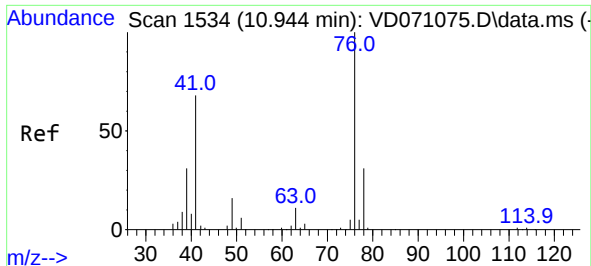
Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#



#53
t-1,3-Dichloropropene
Concen: 2.059 ug/l
RT: 10.508 min Scan# 1460
Delta R.T. -0.106 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
77 0.0 24.5 36.7#

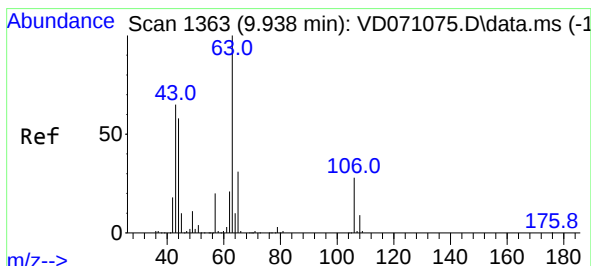
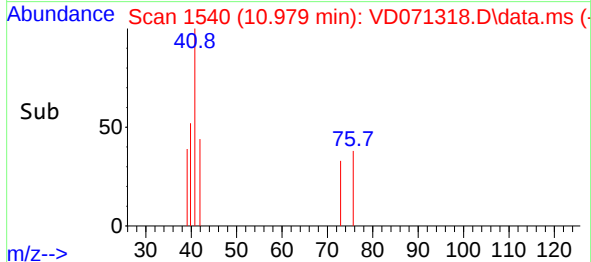
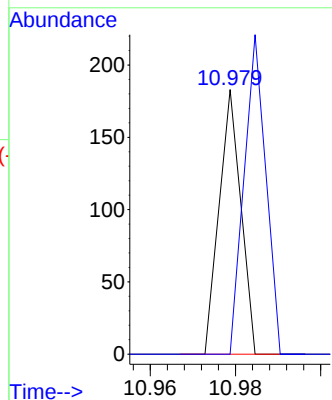
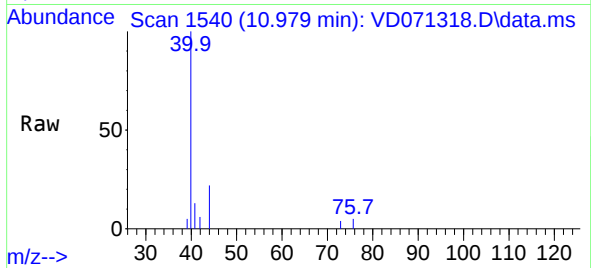




#57
1,3-Dichloropropane
Concen: 2.017 ug/l
RT: 10.979 min Scan# 11
Delta R.T. 0.035 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

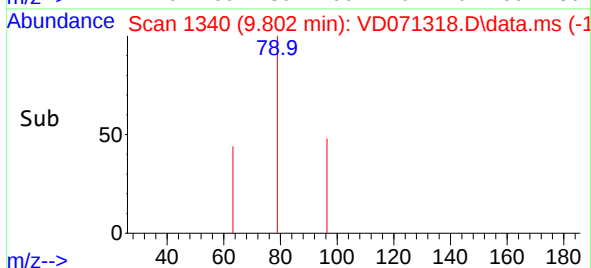
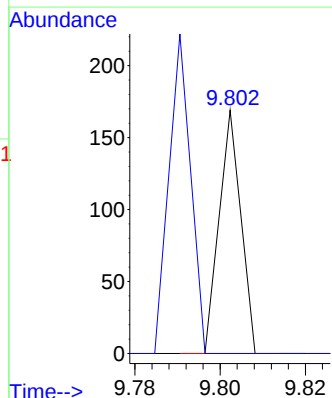
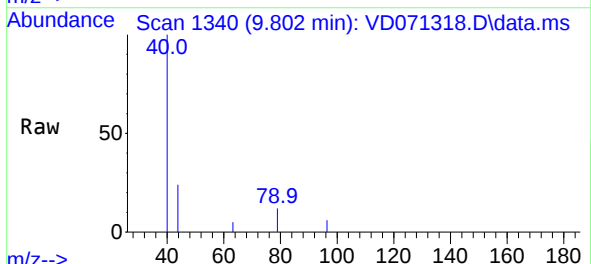
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

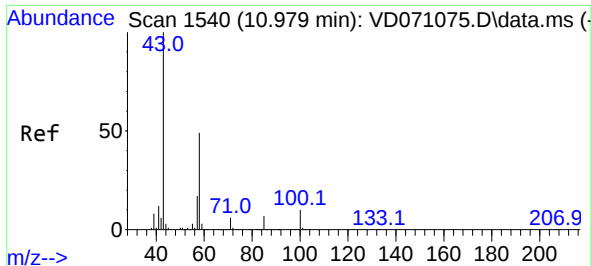
Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
78 120.0 25.8 38.6#



#58
2-Chloroethyl Vinyl ether
Concen: 4.807 ug/l
RT: 9.802 min Scan# 1340
Delta R.T. -0.136 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 63 Resp: 60
Ion Ratio Lower Upper
63 100
106 130.0 21.0 31.4#

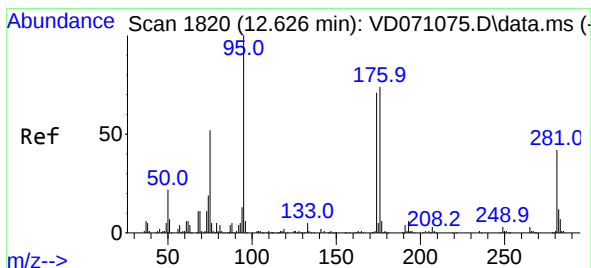
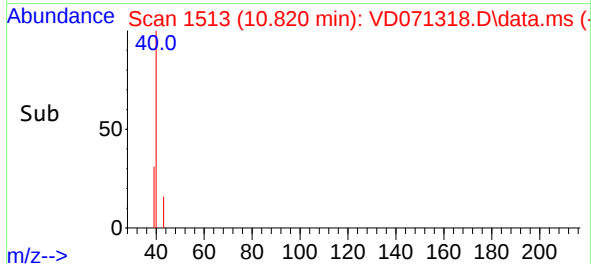
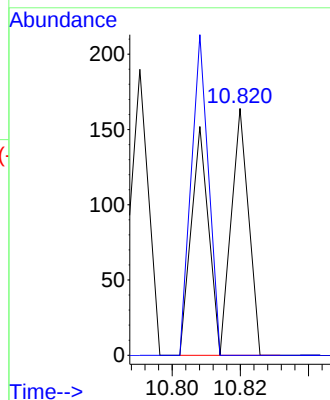
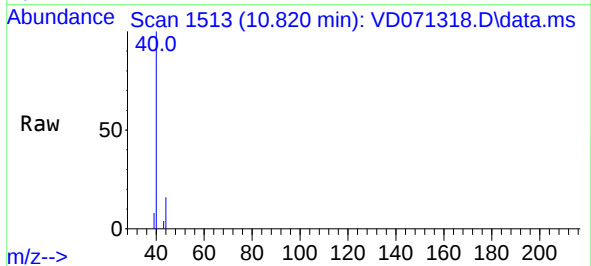




#59
2-Hexanone
Concen: 41.543 ug/l
RT: 10.820 min Scan# 11
Delta R.T. -0.159 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

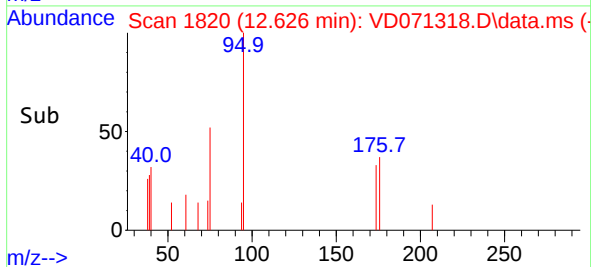
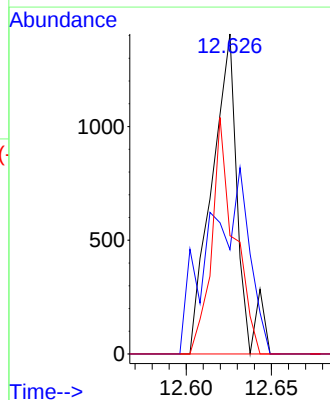
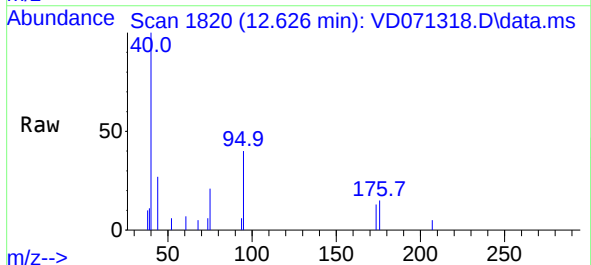
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

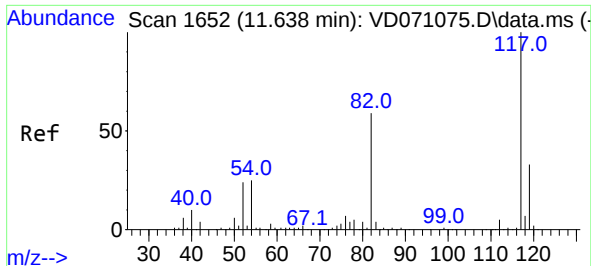
Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
58 67.0 28.7 86.1



#62
4-Bromofluorobenzene
Concen: 44.440 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 95 Resp: 1507
Ion Ratio Lower Upper
95 100
174 54.9 0.0 159.4
176 63.5 0.0 154.0

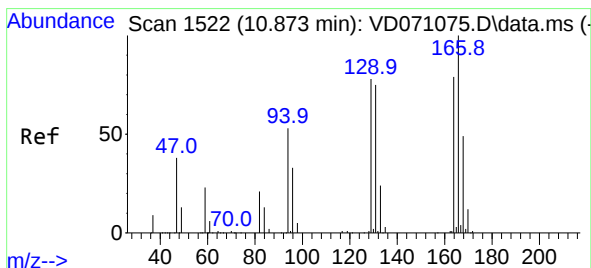
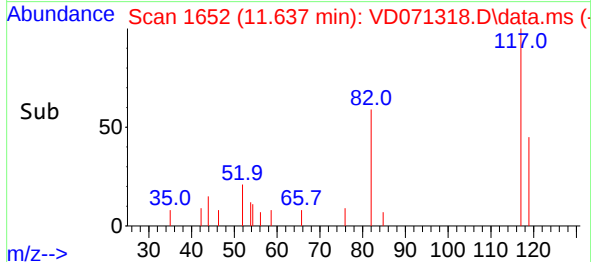
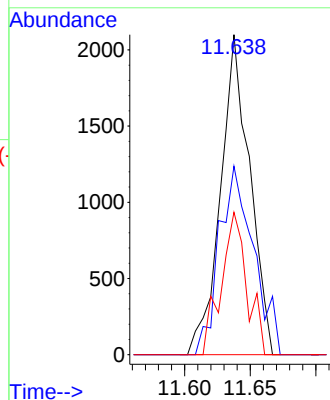
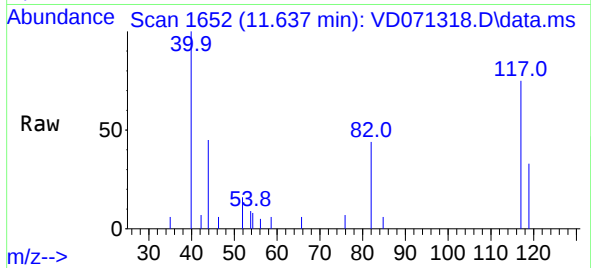




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

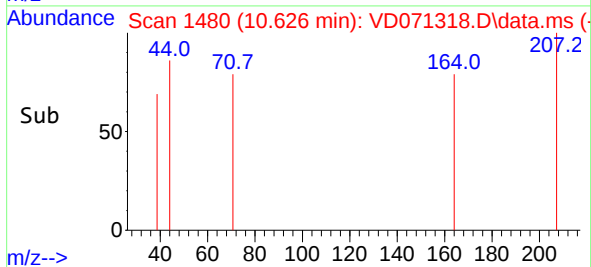
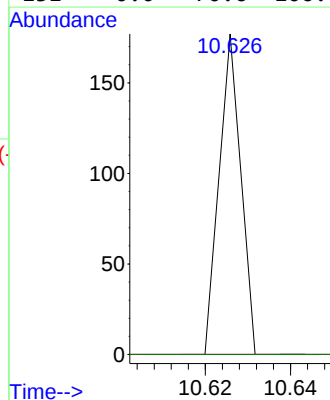
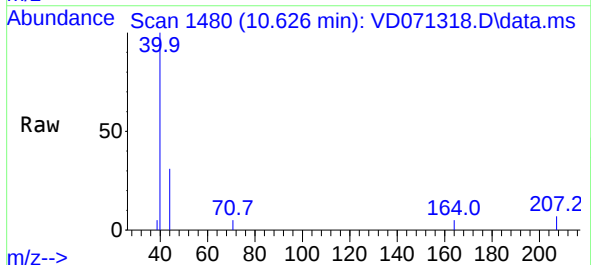
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

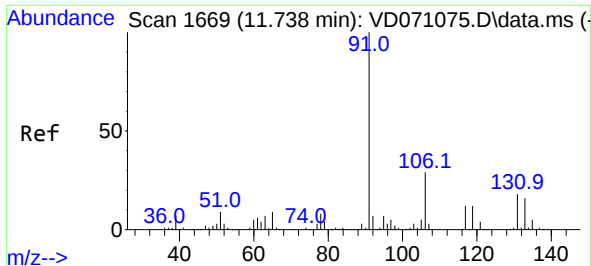
Tgt Ion:117 Resp: 3256
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 44.5 26.2 39.4#



#64
Tetrachloroethene
Concen: 2.999 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. -0.247 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion:164 Resp: 62
Ion Ratio Lower Upper
164 100
166 0.0 102.6 153.8#
129 0.0 75.4 113.0#
131 0.0 70.6 106.0#

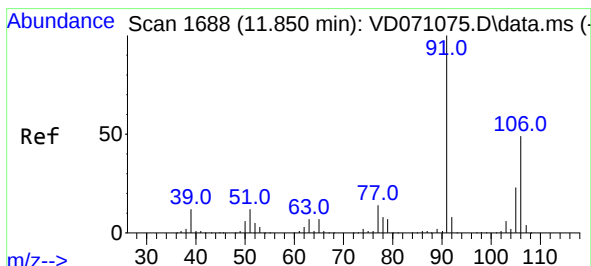
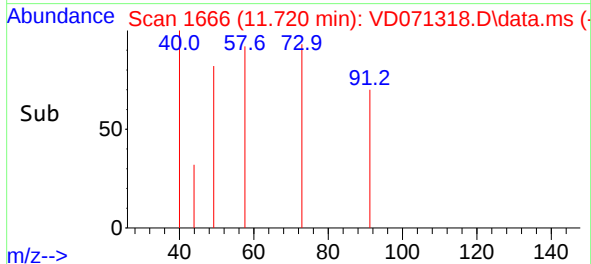
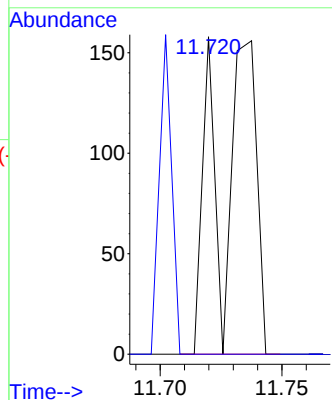
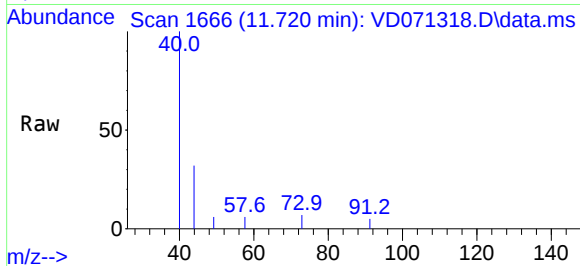




#67
Ethyl Benzene
Concen: 1.442 ug/l
RT: 11.720 min Scan# 1666
Delta R.T. -0.018 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

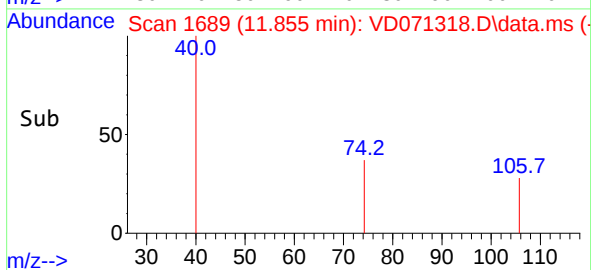
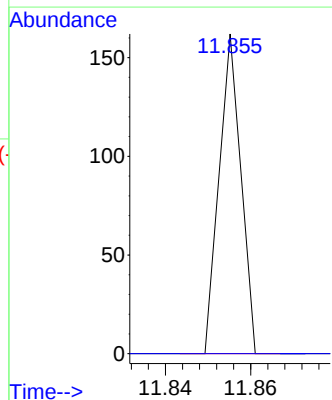
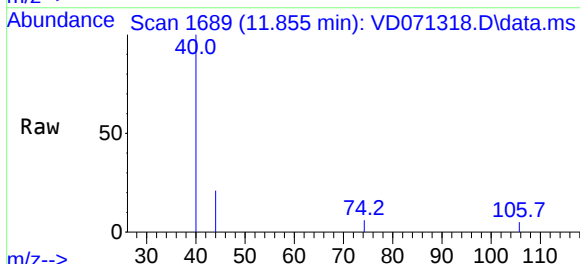
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

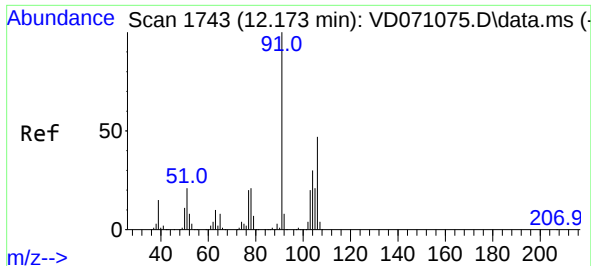
Tgt Ion: 91 Resp: 164
Ion Ratio Lower Upper
91 100
106 0.0 24.6 36.8#



#68
m/p-Xylenes
Concen: 1.328 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 106 Resp: 57
Ion Ratio Lower Upper
106 100
91 0.0 160.1 240.1#

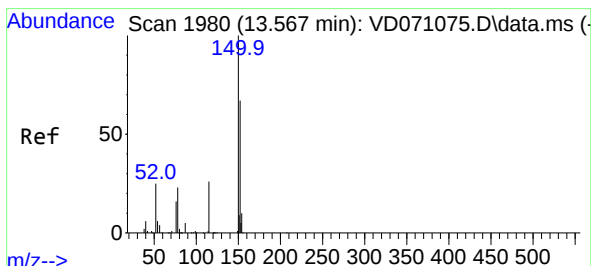
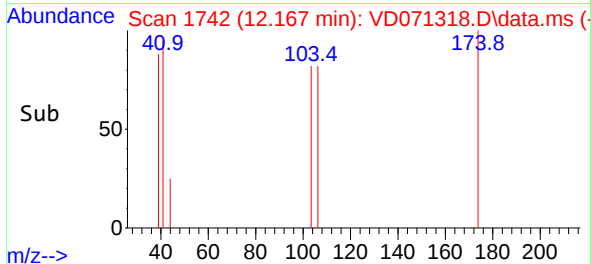
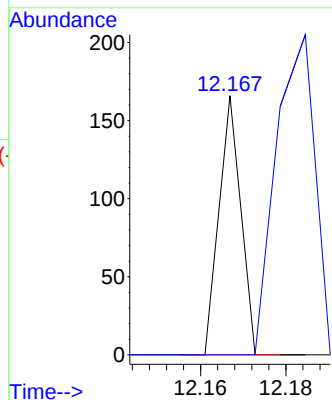
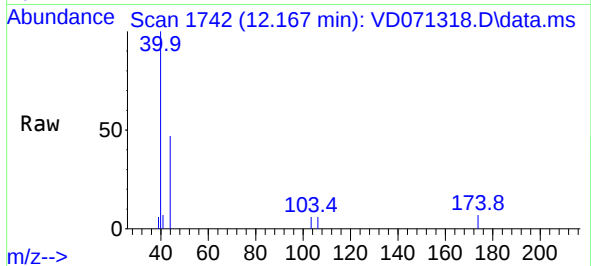




#69
o-Xylene
Concen: 1.462 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

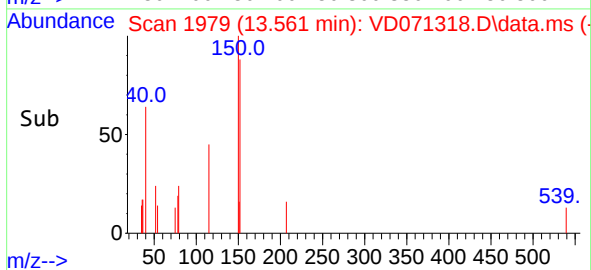
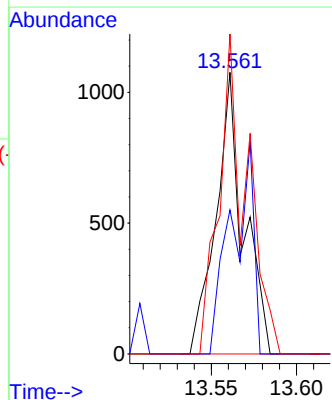
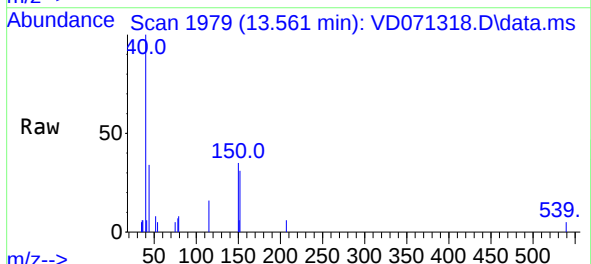
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

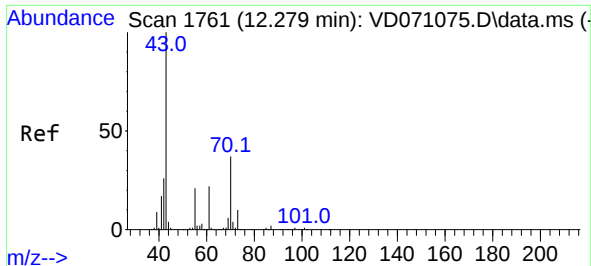
Tgt Ion:106 Resp: 59
Ion Ratio Lower Upper
106 100
91 216.9 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion:152 Resp: 1205
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.3
150 114.4 0.0 349.2

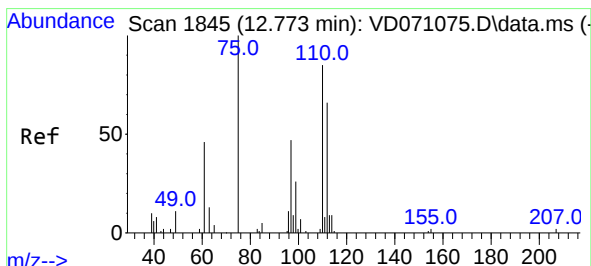
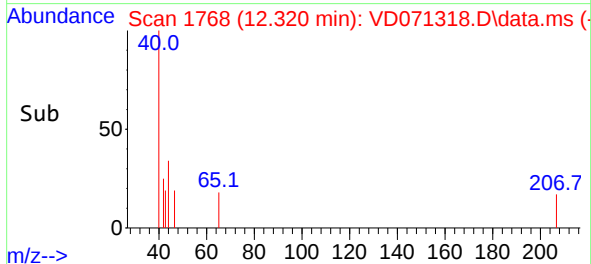
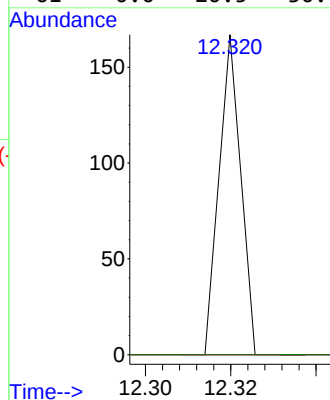
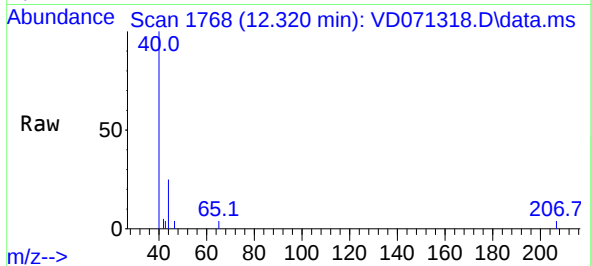




#74
N-amy1 acetate
Concen: 7.889 ug/l
RT: 12.320 min Scan# 11
Delta R.T. 0.041 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

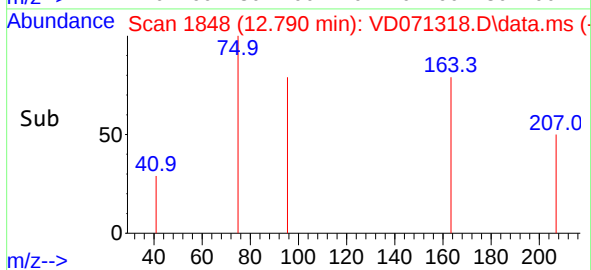
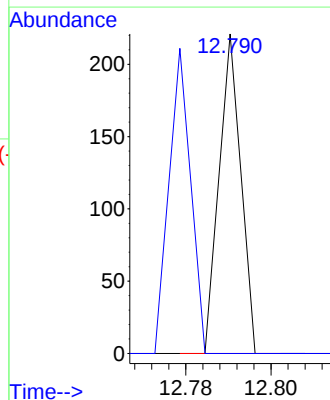
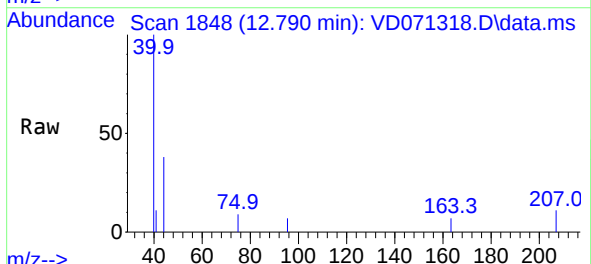
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

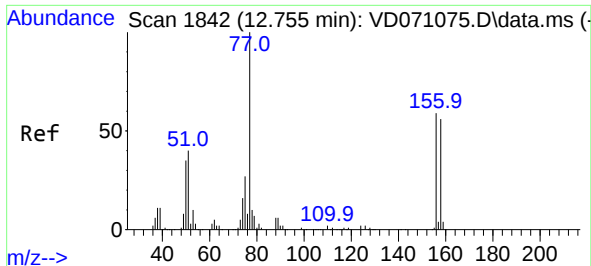
Tgt Ion:	43	Resp:	59
Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.6	55.0#
55	0.0	22.5	33.7#
61	0.0	20.5	30.7#



#76
1,2,3-Trichloropropane
Concen: 6.794 ug/l
RT: 12.790 min Scan# 1848
Delta R.T. 0.017 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion:	75	Resp:	78
Ion	Ratio	Lower	Upper
75	100		
77	94.9	158.4	475.3#

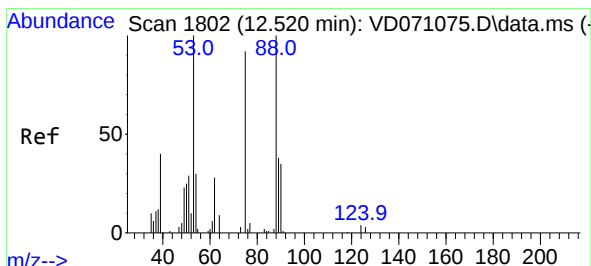
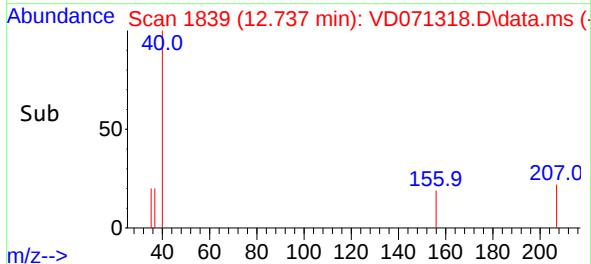
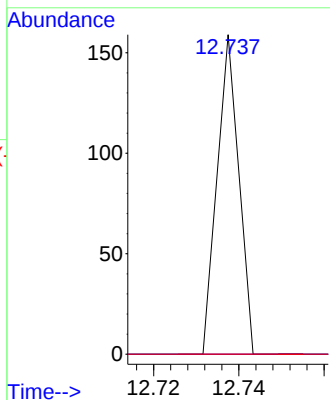
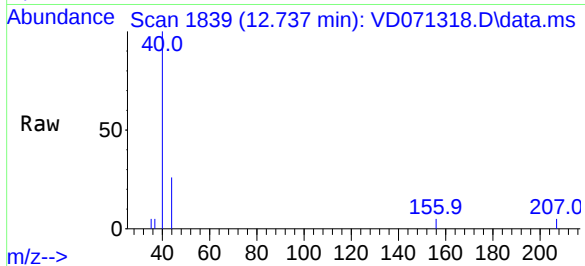




#77
Bromobenzene
Concen: 2.963 ug/l
RT: 12.737 min Scan# 1818
Delta R.T. -0.018 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

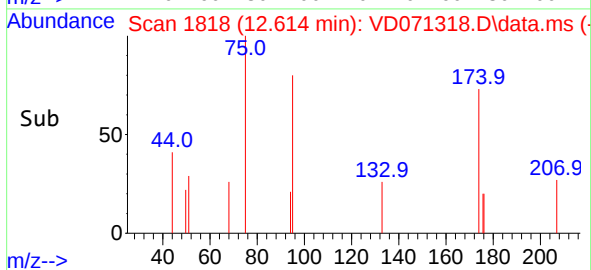
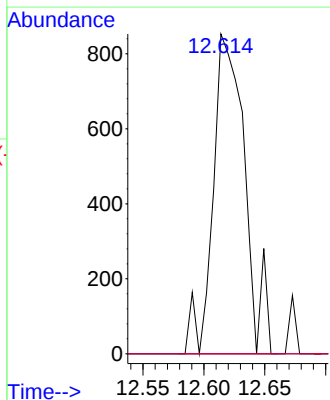
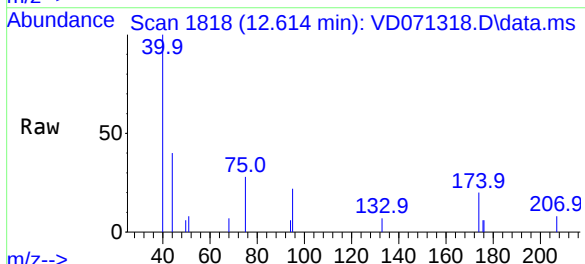
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

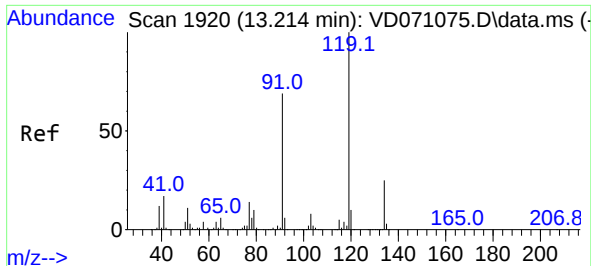
Tgt Ion:156 Resp: 56
Ion Ratio Lower Upper
156 100
77 0.0 96.6 289.8#
158 0.0 49.1 147.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 284.186 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.094 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 75 Resp: 1545
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

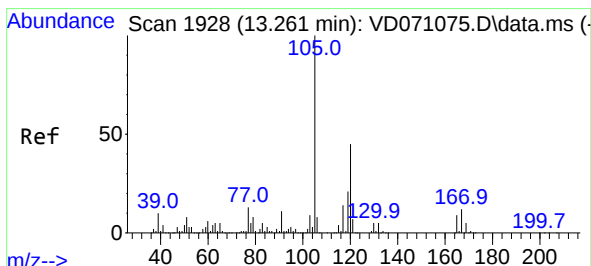
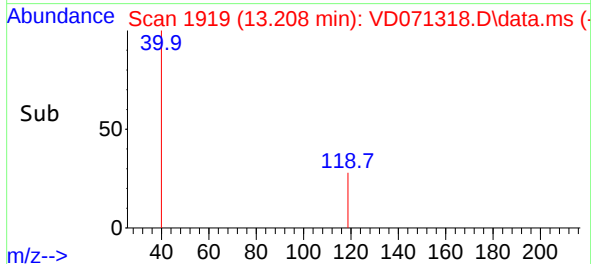
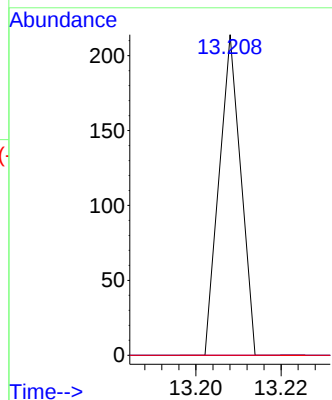
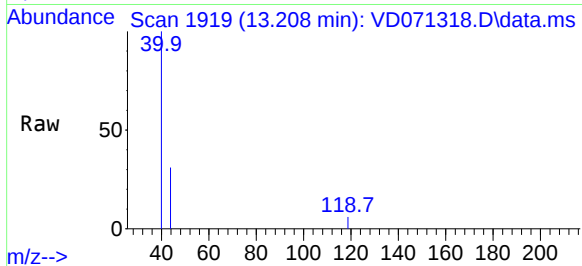




#83
tert-Butylbenzene
Concen: 1.230 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

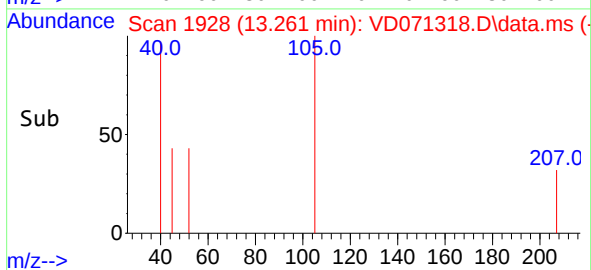
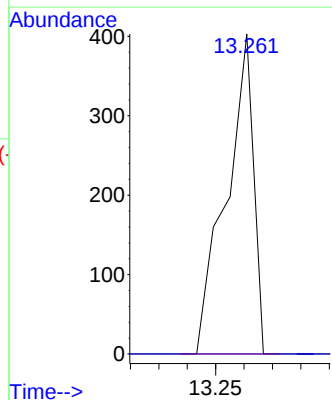
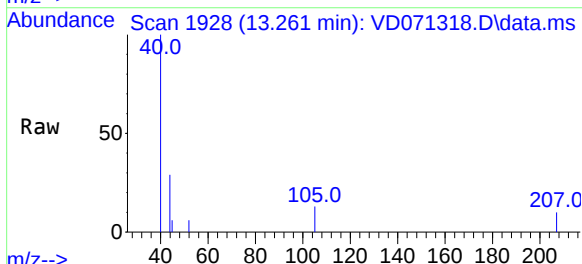
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

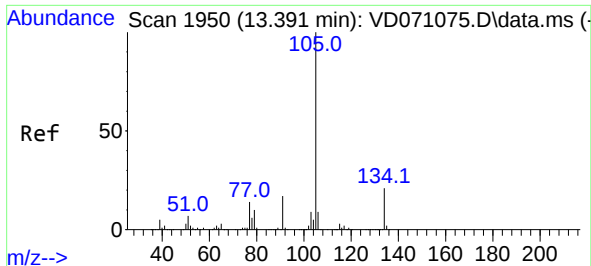
Tgt Ion:119 Resp: 76
Ion Ratio Lower Upper
119 100
91 0.0 32.5 97.5#
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 3.829 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion:105 Resp: 269
Ion Ratio Lower Upper
105 100
120 0.0 22.9 68.7#

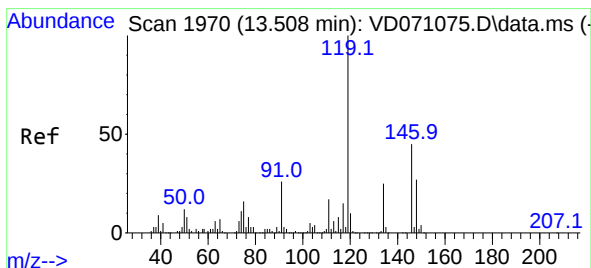
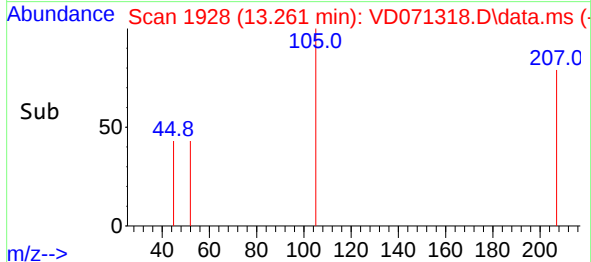
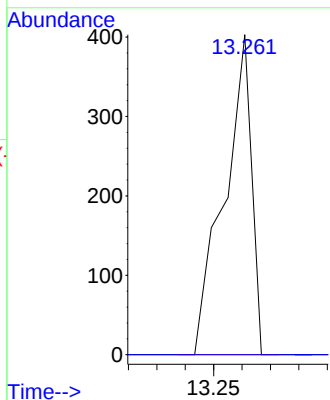
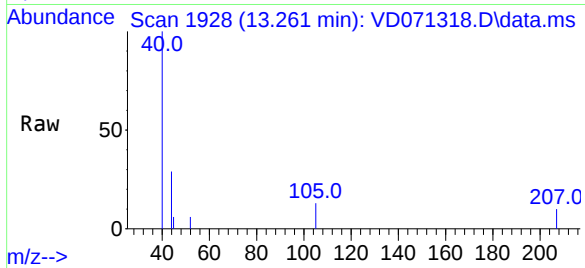




#85
sec-Butylbenzene
Concen: 2.850 ug/l
RT: 13.261 min Scan# 1950
Delta R.T. -0.130 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

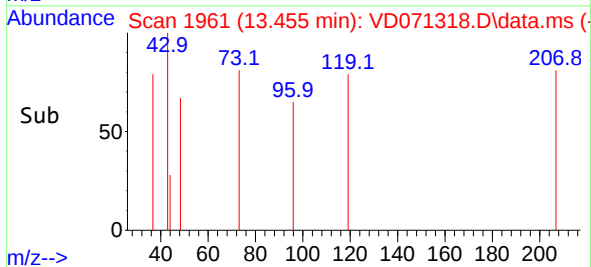
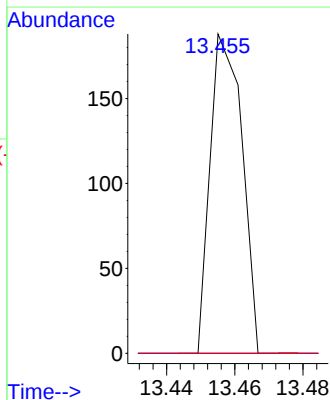
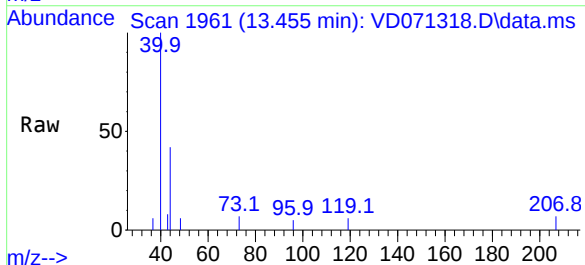
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

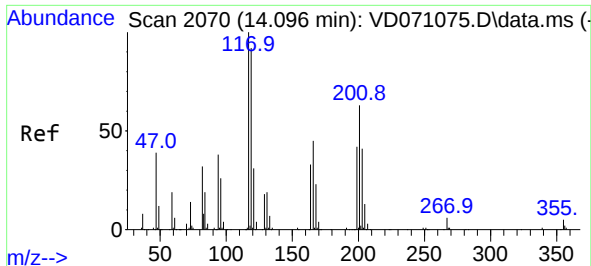
Tgt Ion:105 Resp: 269
Ion Ratio Lower Upper
105 100
134 0.0 9.7 28.9#



#86
p-Isopropyltoluene
Concen: 1.581 ug/l
RT: 13.455 min Scan# 1961
Delta R.T. -0.053 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion:119 Resp: 122
Ion Ratio Lower Upper
119 100
134 0.0 13.0 38.9#
91 0.0 11.4 34.2#

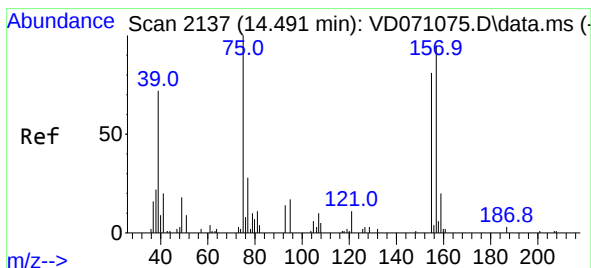
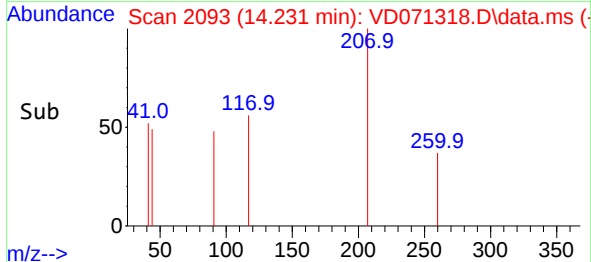
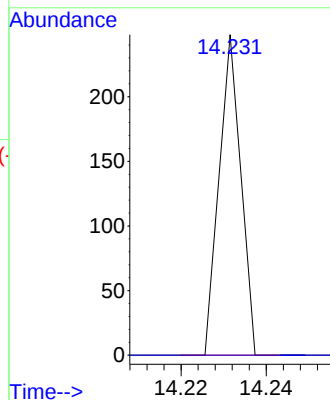
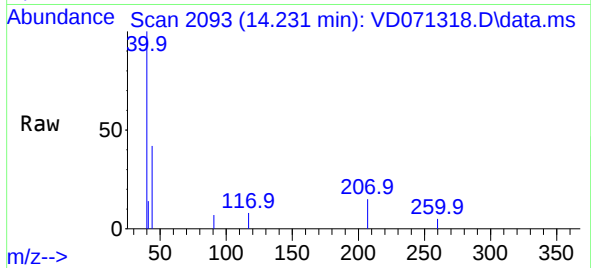




#90
Hexachloroethane
Concen: 6.014 ug/l
RT: 14.231 min Scan# 2070
Delta R.T. 0.135 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

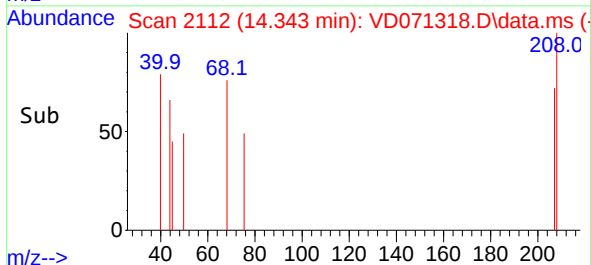
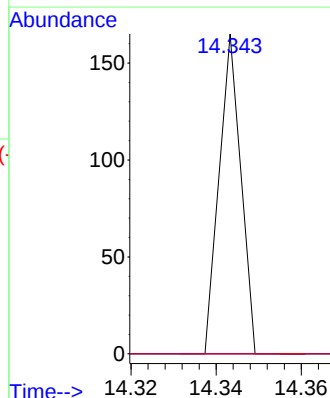
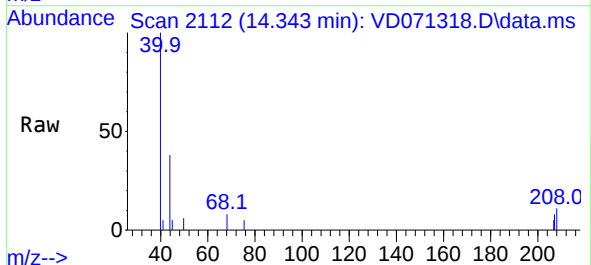
Instrument :
MSVOA_D
ClientSampleId :
TR-04-121021RE

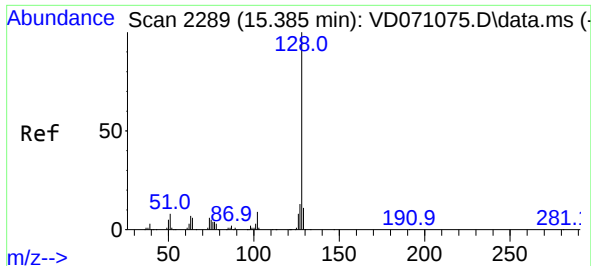
Tgt Ion:117 Resp: 88
Ion Ratio Lower Upper
117 100
201 0.0 36.0 108.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.787 ug/l
RT: 14.343 min Scan# 2112
Delta R.T. -0.148 min
Lab File: VD071318.D
Acq: 14 Dec 2021 14:03

Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
155 0.0 40.0 120.0#
157 0.0 49.8 149.3#





#95
 Naphthalene
 Concen: 1.592 ug/l
 RT: 15.467 min Scan# 21
 Delta R.T. 0.082 min
 Lab File: VD071318.D
 Acq: 14 Dec 2021 14:03

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-121021RE

Tgt Ion:	128	Resp:	56
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#

