

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121421\
 Data File : VD071313.D
 Acq On : 14 Dec 2021 11:43
 Operator : VA/SY
 Sample : M5022-59
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP15

Quant Time: Dec 15 08:26:51 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	7.973	168	9063	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	16059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	17353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	7722	72.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.220%
35) Dibromofluoromethane	7.908	113	4976	48.659	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.337	98	18597	47.788	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.626	95	7294	54.071	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.140%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	111	1.436	ug/l #	44
3) Chloromethane	2.214	50	923	9.027	ug/l #	13
4) Vinyl Chloride	2.350	62	224	1.964	ug/l #	61
5) Bromomethane	2.791	94	1197	14.556	ug/l #	62
6) Chloroethane	2.944	64	88	1.122	ug/l #	39
8) Diethyl Ether	3.938	74	77	1.838	ug/l #	1
10) Methyl Iodide	4.302	142	614	9.825	ug/l #	40
11) Tert butyl alcohol	5.208	59	142	Below Cal	#	71
13) Acrolein	3.850	56	57	7.843	ug/l #	13
15) Acrylonitrile	5.438	53	70	3.436	ug/l #	12
16) Acetone	4.155	43	2672	113.763	ug/l #	77
20) Methylene Chloride	4.967	84	685	2.408	ug/l #	38
23) Vinyl Acetate	6.261	43	140	27.939	ug/l #	72
25) 2-Butanone	7.202	43	256	35.318	ug/l #	45
26) 2,2-Dichloropropane	7.191	77	173	1.033	ug/l #	52
28) Bromochloromethane	7.473	49	193	2.413	ug/l #	14
29) Tetrahydrofuran	7.543	42	68	4.027	ug/l #	23
31) Cyclohexane	7.973	56	448	2.477	ug/l #	58
36) 1,1-Dichloropropene	7.973	75	988	6.583	ug/l #	41
37) Ethyl Acetate	7.273	43	104	1.604	ug/l #	66
38) Carbon Tetrachloride	7.973	117	505	3.413	ug/l #	12
40) Benzene	8.367	78	605	1.484	ug/l #	51
41) Methacrylonitrile	7.526	41	66	Below Cal	#	1
42) 1,2-Dichloroethane	8.520	62	134	1.077	ug/l #	71
43) Isopropyl Acetate	8.485	43	65	5.631	ug/l #	47
46) Dibromomethane	9.461	93	56	1.007	ug/l #	35
48) Methyl methacrylate	9.449	41	197	3.104	ug/l #	18
49) 1,4-Dioxane	9.190	88	54	100.567	ug/l #	23
51) 4-Methyl-2-Pentanone	10.326	43	129	32.200	ug/l	87
58) 2-Chloroethyl Vinyl ether	10.184	63	61	1.228	ug/l #	49
59) 2-Hexanone	10.743	43	189	37.530	ug/l	65
67) Ethyl Benzene	11.737	91	607	1.001	ug/l #	44
71) Bromoform	12.626	173	198	3.251	ug/l #	1
74) N-amyl acetate	12.273	43	232	6.963	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	4222	53.923	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	4222	117.331	ug/l #	18

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

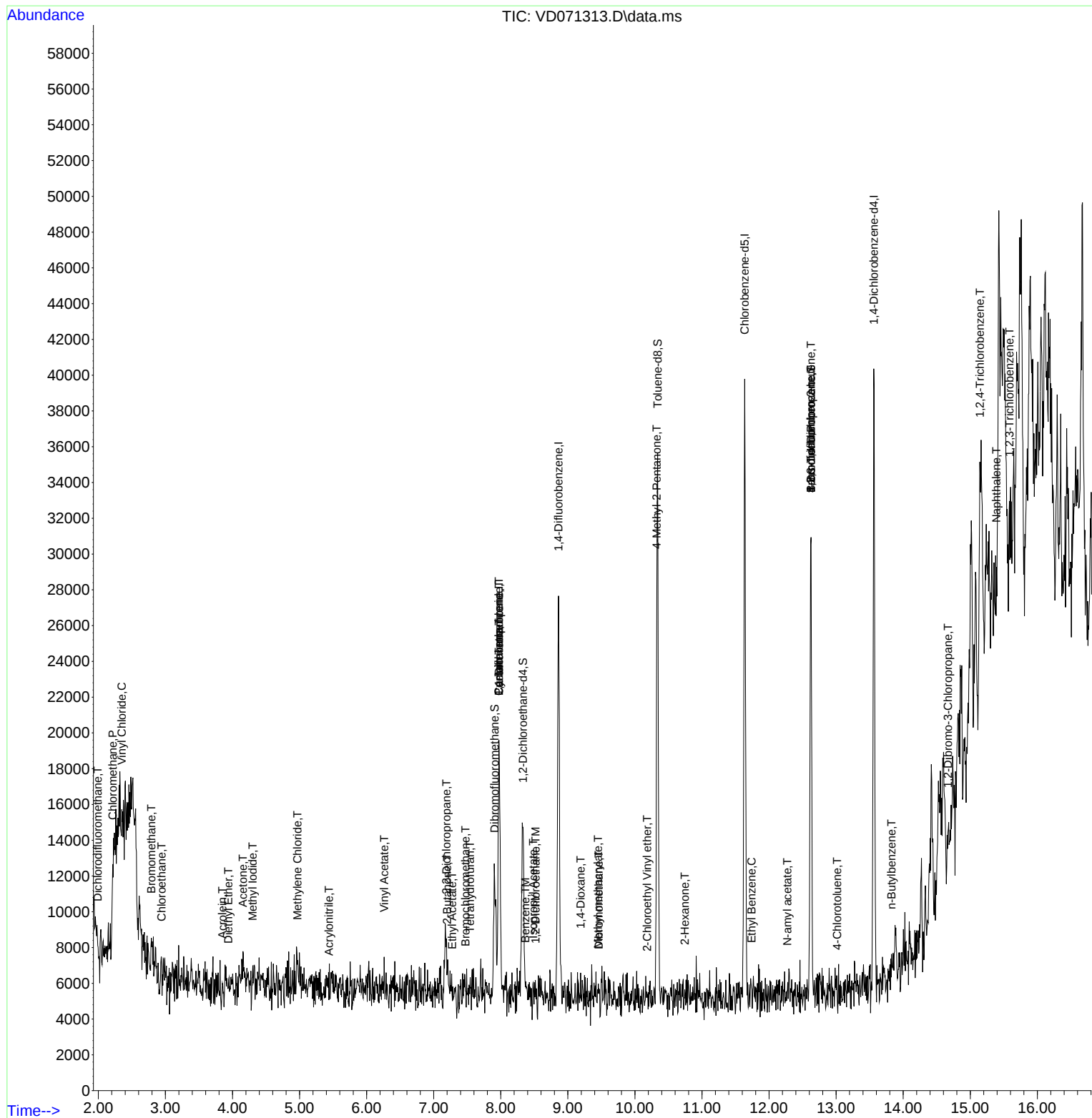
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.014	91	499	1.156	ug/l #	42
89) n-Butylbenzene	13.825	91	668	1.300	ug/l #	39
92) 1,2-Dibromo-3-Chloropr...	14.667	75	56	3.509	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.143	180	370	2.719	ug/l	73
95) Naphthalene	15.390	128	1279	5.331	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.584	180	858	7.422	ug/l #	52

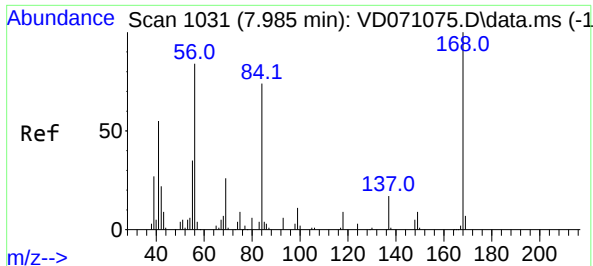
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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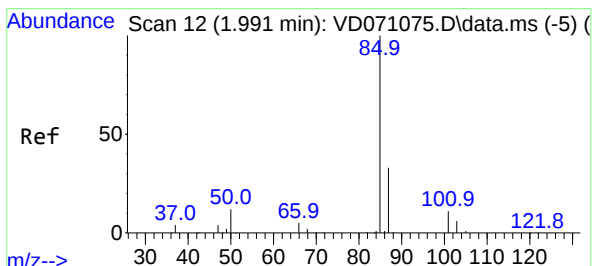
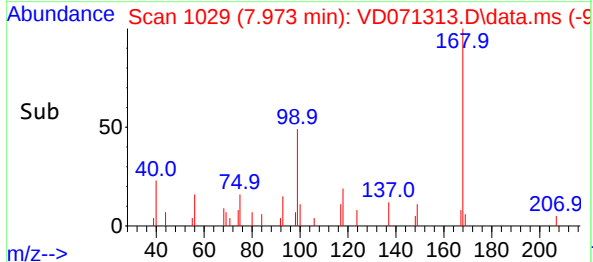
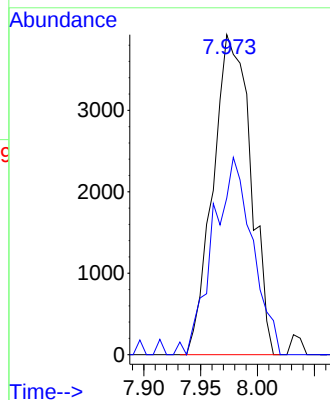
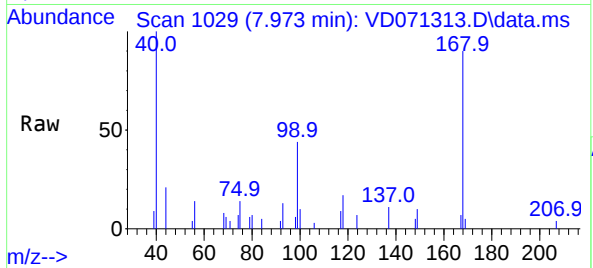




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.012 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

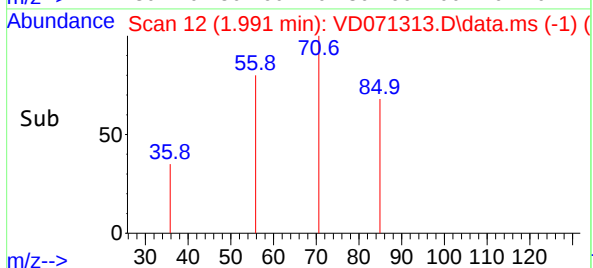
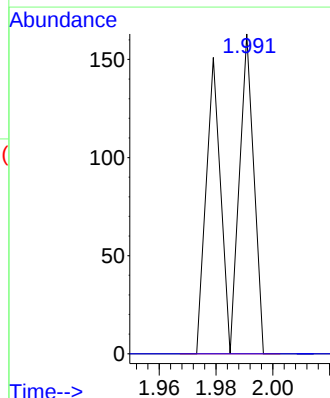
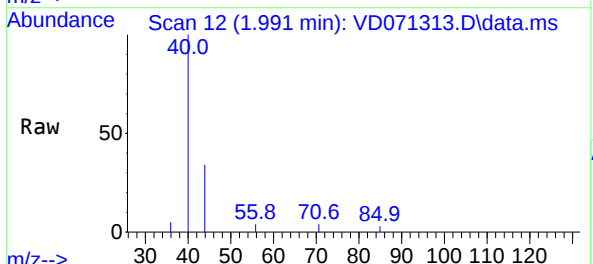
Instrument :
MSVOA_D
ClientSampleId :
TP15

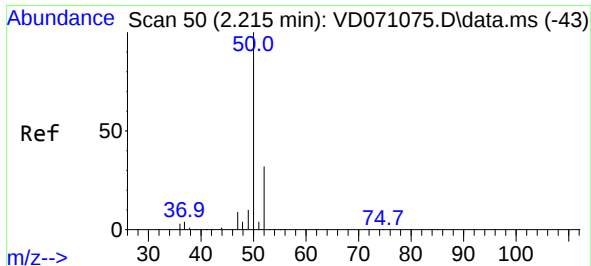
Tgt Ion:168 Resp: 9063
Ion Ratio Lower Upper
168 100
99 49.0 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 1.436 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 85 Resp: 111
Ion Ratio Lower Upper
85 100
87 0.0 15.2 45.6#

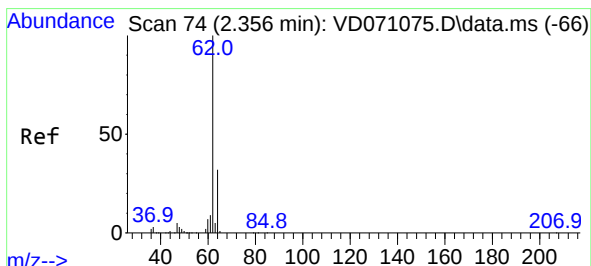
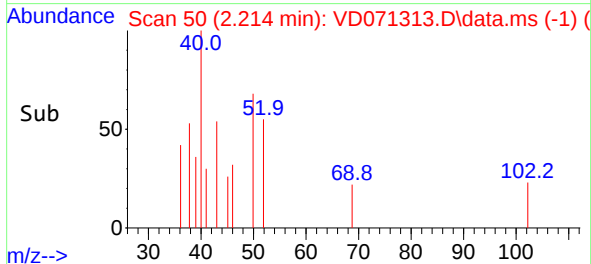
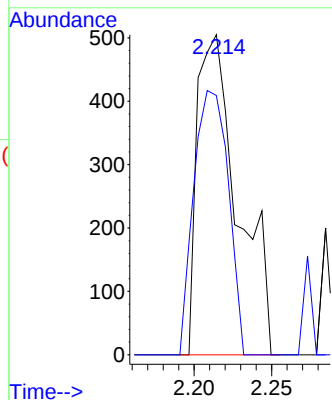
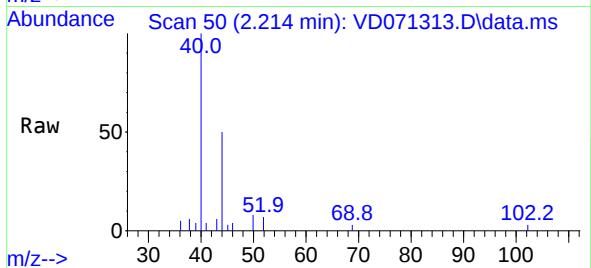




#3
Chloromethane
Concen: 9.027 ug/l
RT: 2.214 min Scan# 50
Delta R.T. -0.001 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

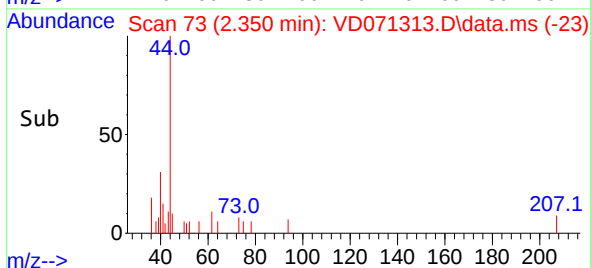
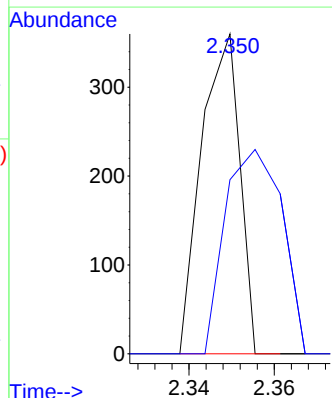
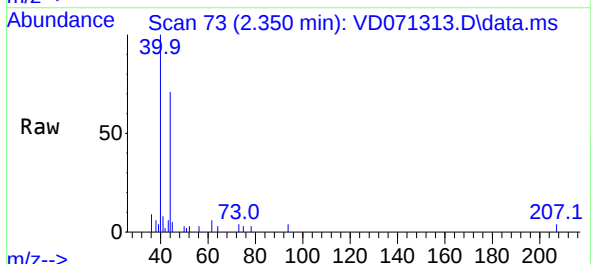
Instrument :
MSVOA_D
ClientSampleId :
TP15

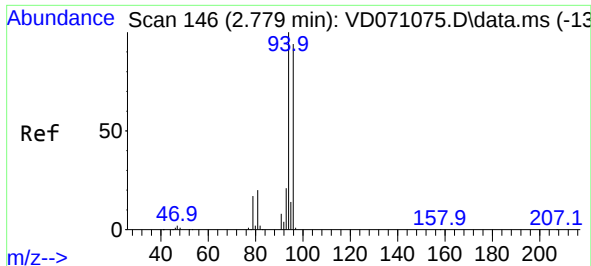
Tgt Ion: 50 Resp: 923
Ion Ratio Lower Upper
50 100
52 81.0 25.8 38.8#



#4
Vinyl Chloride
Concen: 1.964 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 62 Resp: 224
Ion Ratio Lower Upper
62 100
64 54.4 26.0 39.0#

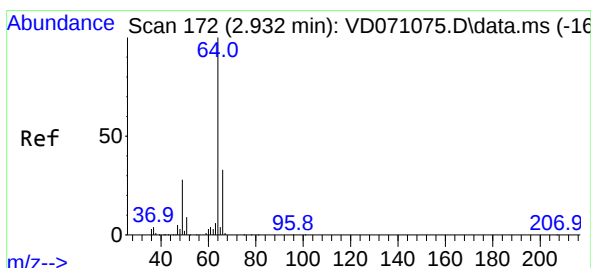
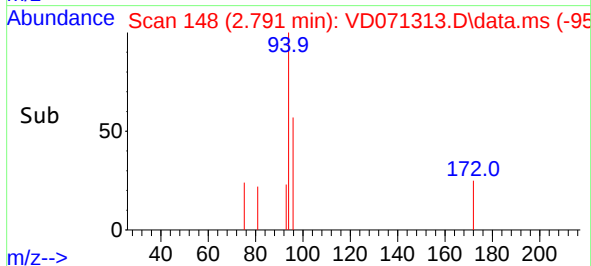
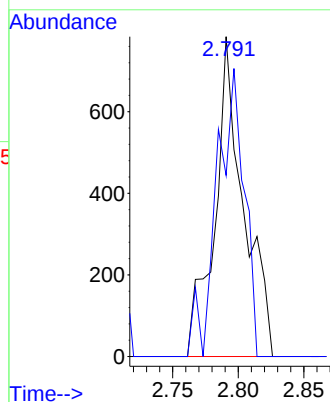
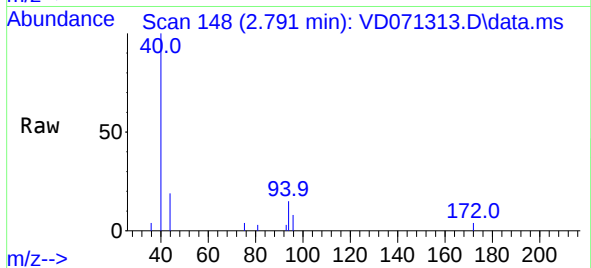




#5
Bromomethane
Concen: 14.556 ug/l
RT: 2.791 min Scan# 14
Delta R.T. 0.012 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

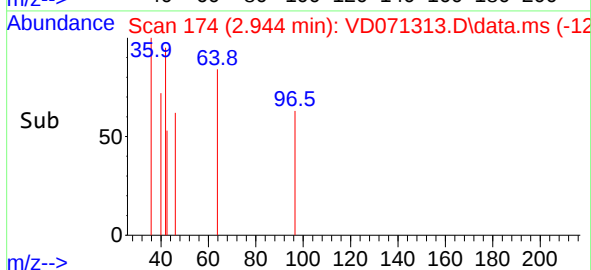
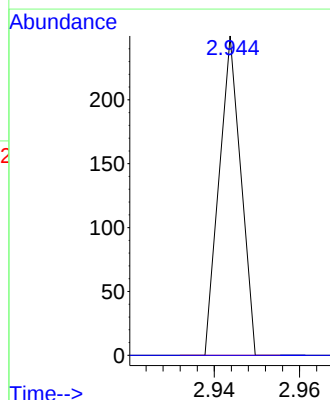
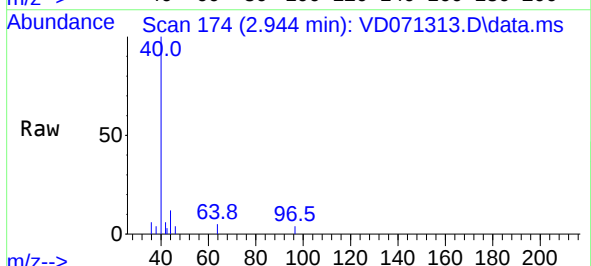
Instrument :
MSVOA_D
ClientSampleId :
TP15

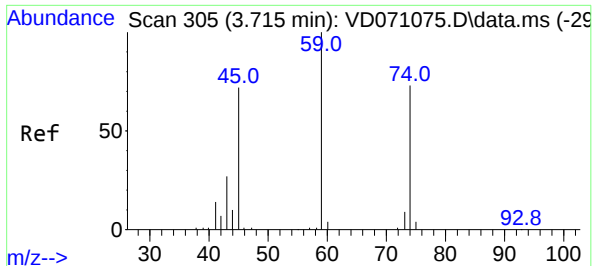
Tgt Ion: 94 Resp: 1197
Ion Ratio Lower Upper
94 100
96 56.6 74.8 112.2#



#6
Chloroethane
Concen: 1.122 ug/l
RT: 2.944 min Scan# 174
Delta R.T. 0.012 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 64 Resp: 88
Ion Ratio Lower Upper
64 100
66 0.0 29.0 43.4#





#8

Diethyl Ether

Concen: 1.838 ug/l

RT: 3.938 min Scan# 34

Delta R.T. 0.223 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

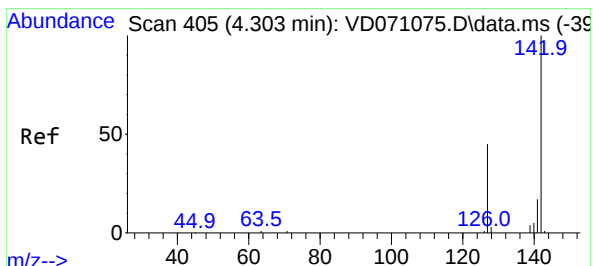
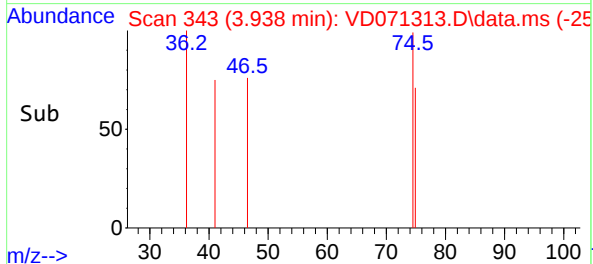
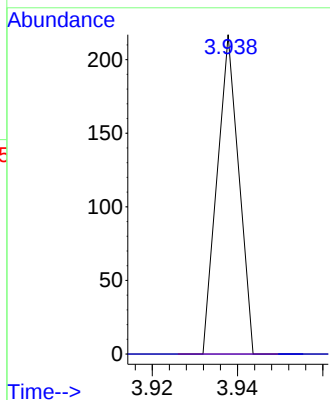
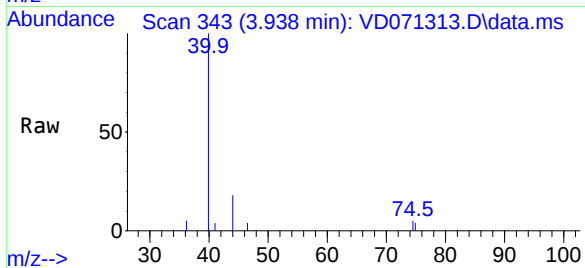
TP15

Tgt Ion: 74 Resp: 77

Ion Ratio Lower Upper

74 100

45 0.0 49.6 149.0#



#10

Methyl Iodide

Concen: 9.825 ug/l

RT: 4.302 min Scan# 405

Delta R.T. -0.001 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

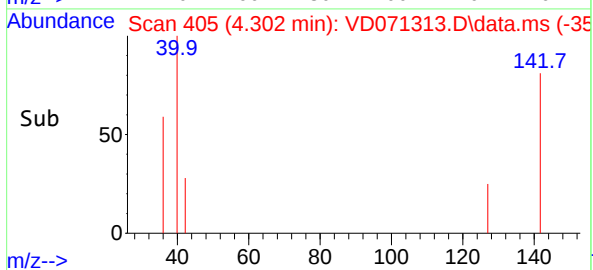
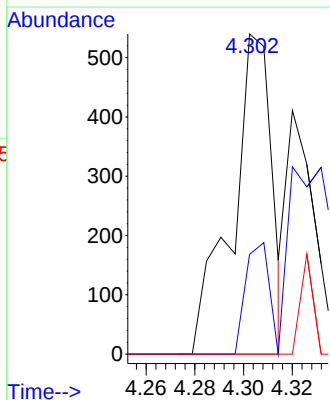
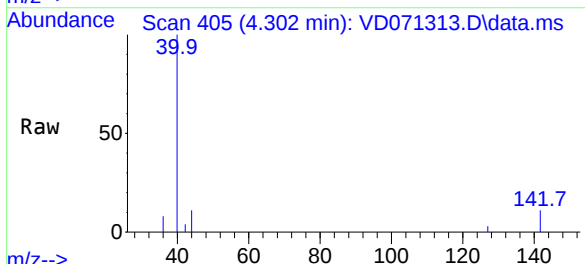
Tgt Ion: 142 Resp: 614

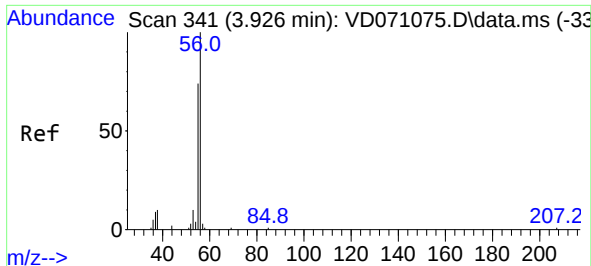
Ion Ratio Lower Upper

142 100

127 0.0 35.0 52.4#

141 0.0 12.0 18.0#

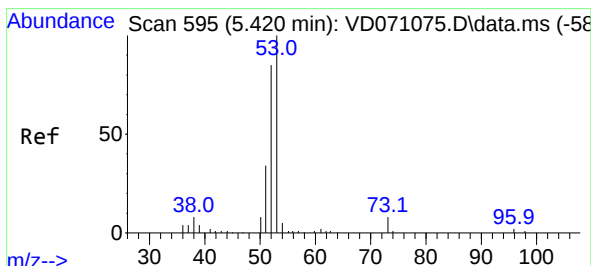
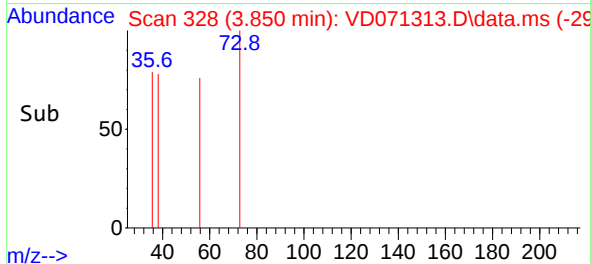
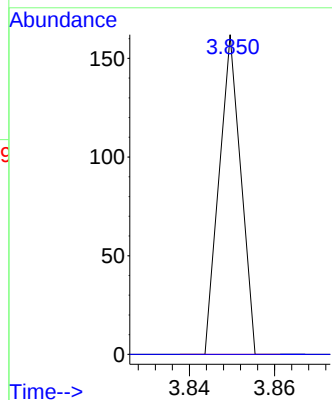
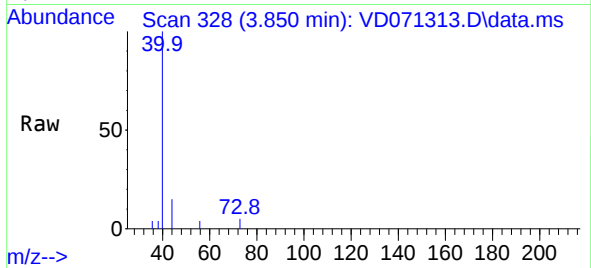




#13
Acrolein
Concen: 7.843 ug/l
RT: 3.850 min Scan# 31
Delta R.T. -0.076 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

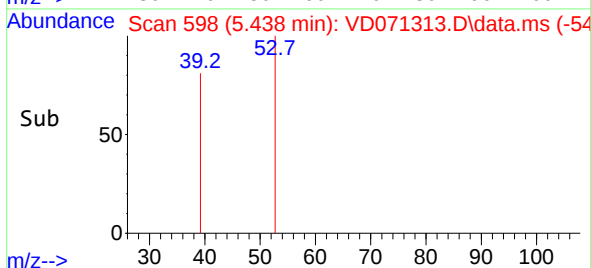
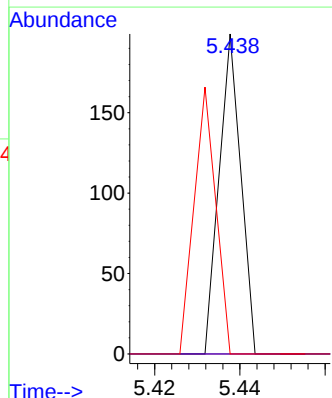
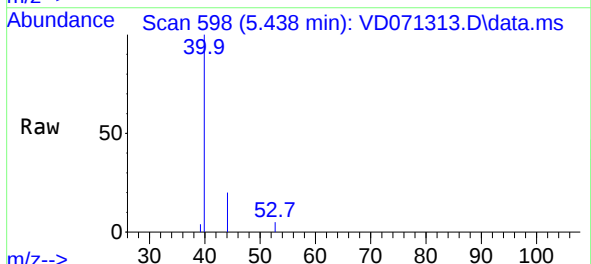
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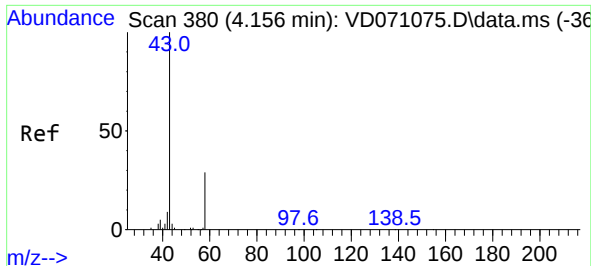
Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



#15
Acrylonitrile
Concen: 3.436 ug/l
RT: 5.438 min Scan# 598
Delta R.T. 0.018 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 53 Resp: 70
Ion Ratio Lower Upper
53 100
52 0.0 63.8 95.8#
51 84.3 28.5 42.7#

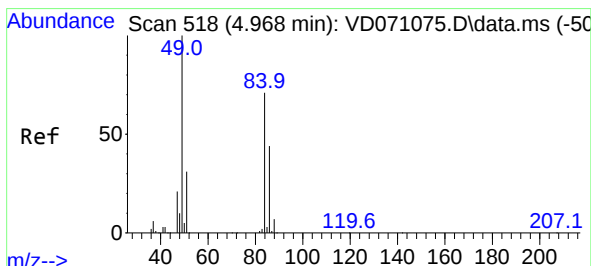
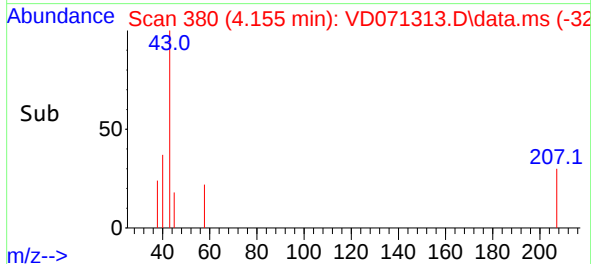
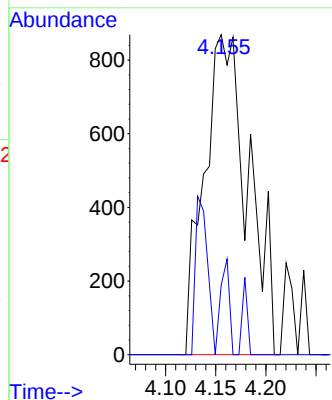
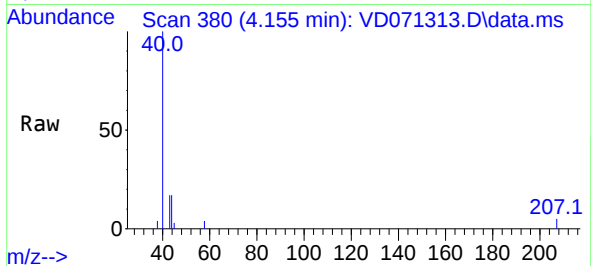




#16
Acetone
Concen: 113.763 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

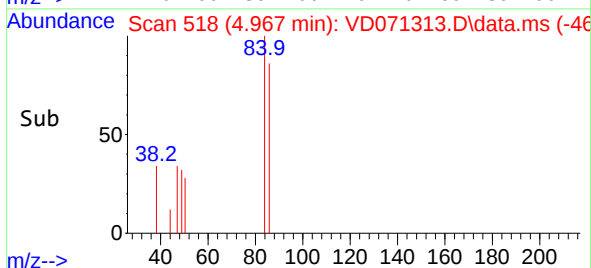
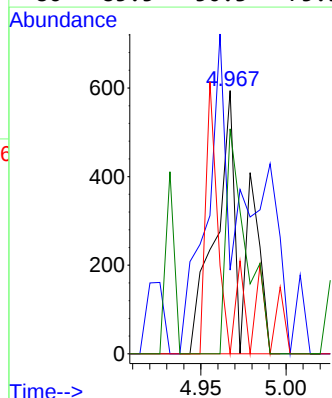
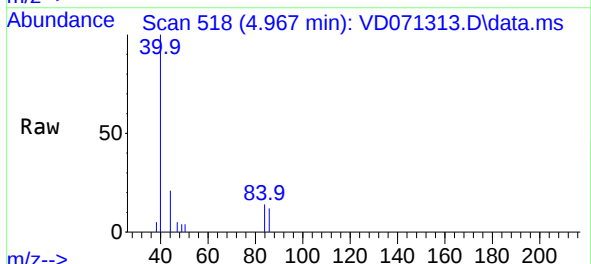
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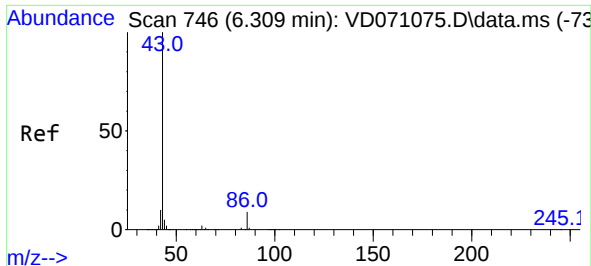
Tgt Ion: 43 Resp: 2672
Ion Ratio Lower Upper
43 100
58 21.6 27.8 41.8#



#20
Methylene Chloride
Concen: 2.408 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 84 Resp: 685
Ion Ratio Lower Upper
84 100
49 31.8 95.8 143.6#
51 0.0 30.9 46.3#
86 85.5 50.3 75.5#

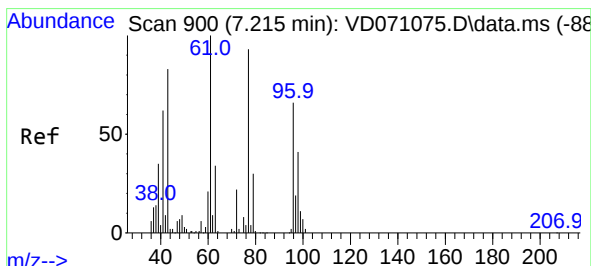
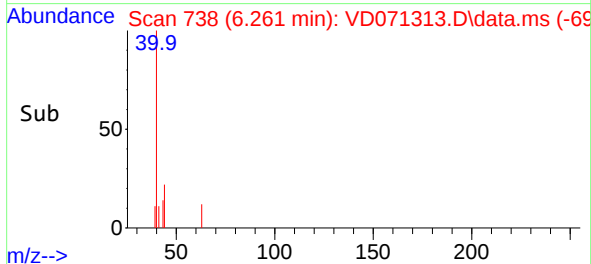
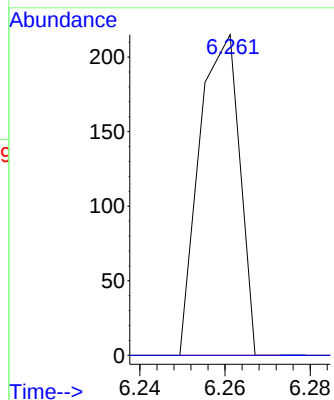
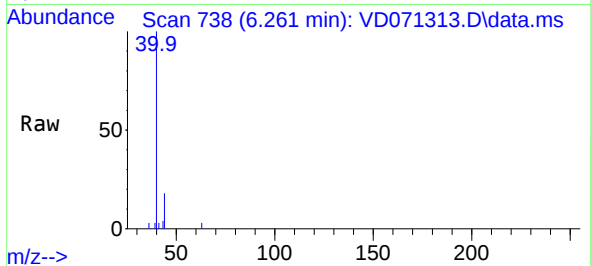




#23
 Vinyl Acetate
 Concen: 27.939 ug/l
 RT: 6.261 min Scan# 71
 Delta R.T. -0.048 min
 Lab File: VD071313.D
 Acq: 14 Dec 2021 11:43

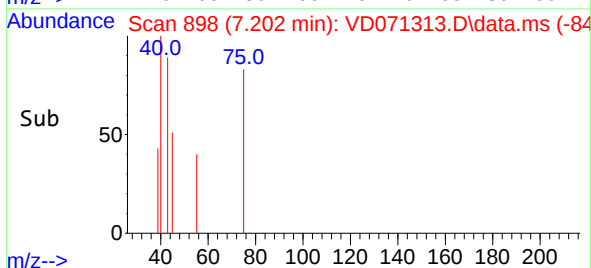
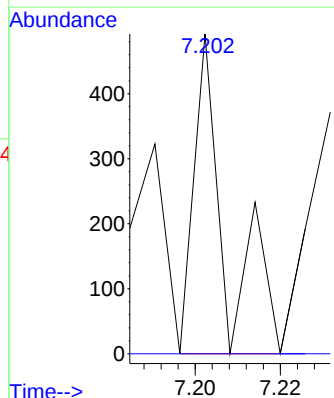
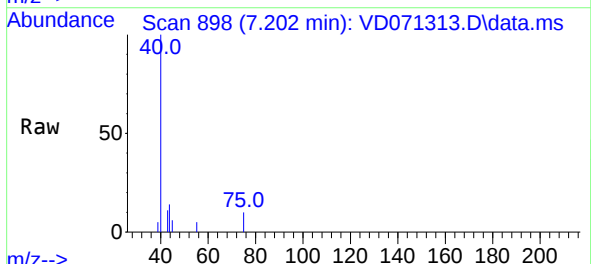
Instrument :
 MSVOA_D
 ClientSampleId :
 TP15

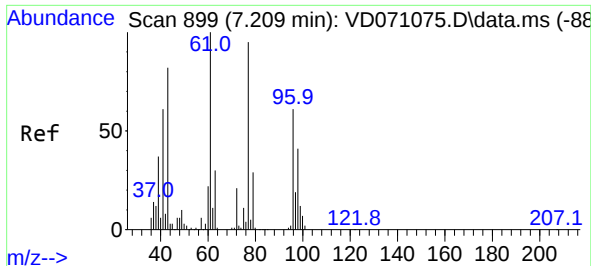
Tgt Ion: 43 Resp: 140
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 35.318 ug/l
 RT: 7.202 min Scan# 898
 Delta R.T. -0.013 min
 Lab File: VD071313.D
 Acq: 14 Dec 2021 11:43

Tgt Ion: 43 Resp: 256
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#





#26

2,2-Dichloropropane

Concen: 1.033 ug/l

RT: 7.191 min Scan# 899

Delta R.T. -0.018 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

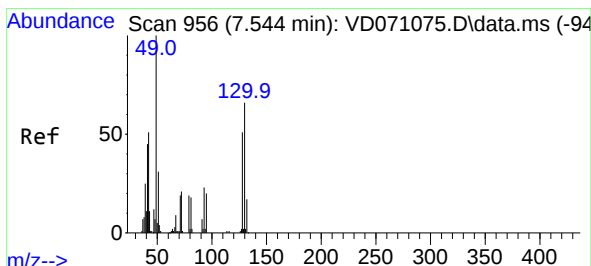
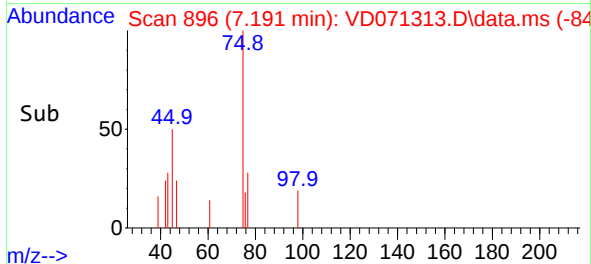
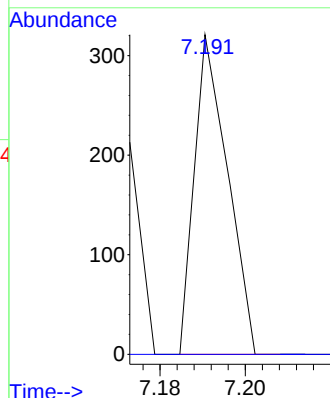
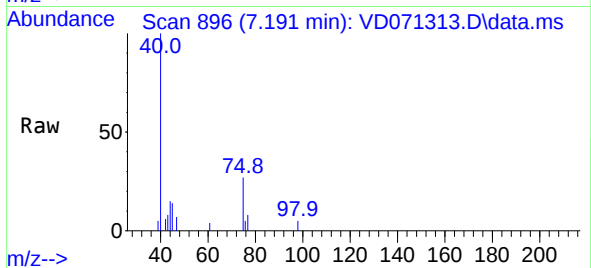
TP15

Tgt Ion: 77 Resp: 173

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.5#



#28

Bromochloromethane

Concen: 2.413 ug/l

RT: 7.473 min Scan# 944

Delta R.T. -0.071 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

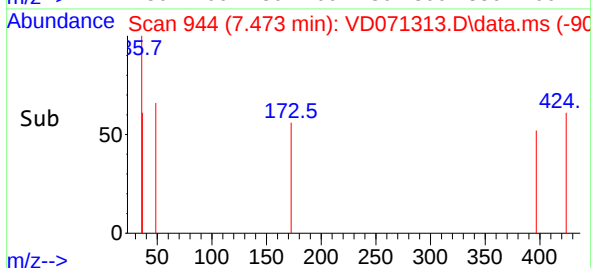
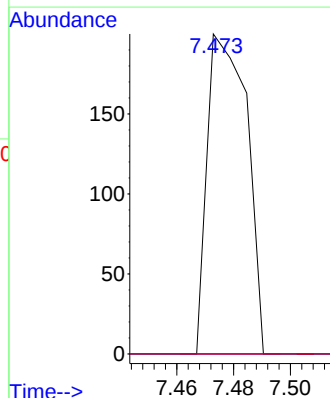
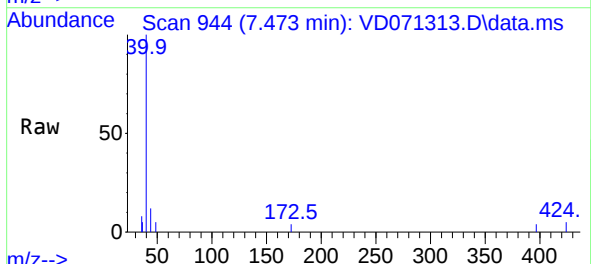
Tgt Ion: 49 Resp: 193

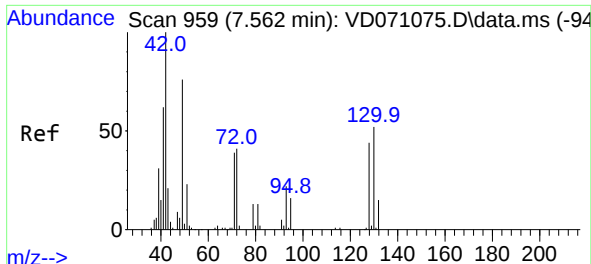
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 0.0 60.2 90.2#





#29

Tetrahydrofuran

Concen: 4.027 ug/l

RT: 7.543 min Scan# 91

Delta R.T. -0.019 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

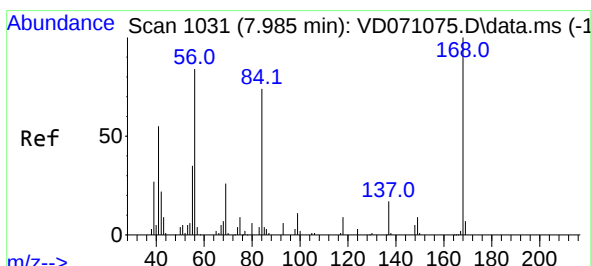
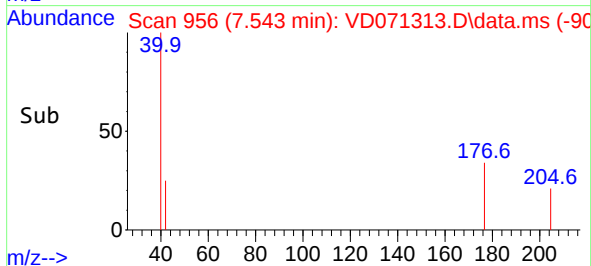
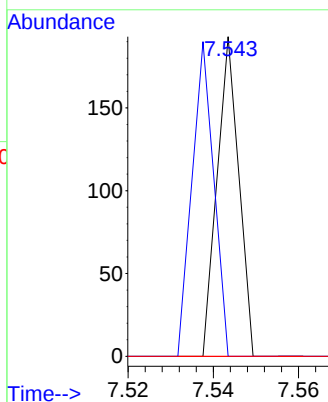
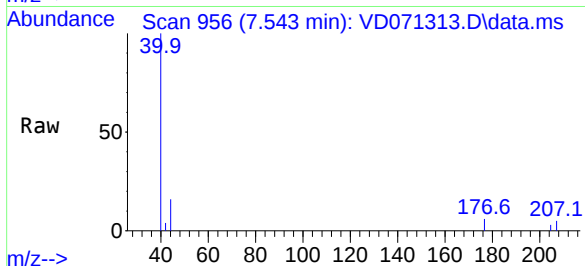
Instrument :

MSVOA_D

ClientSampleId :

TP15

Tgt Ion:	42	Resp:	68
Ion	Ratio	Lower	Upper
42	100		
72	98.5	33.7	50.5#
71	0.0	32.7	49.1#



#31

Cyclohexane

Concen: 2.477 ug/l

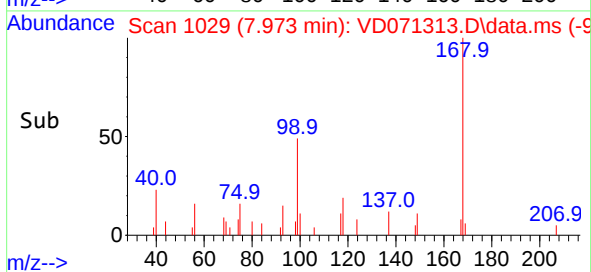
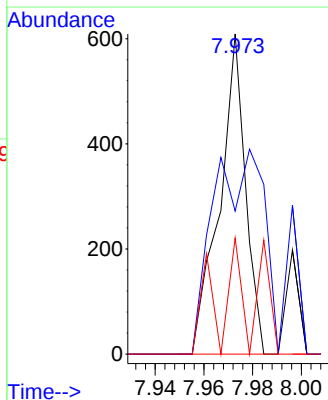
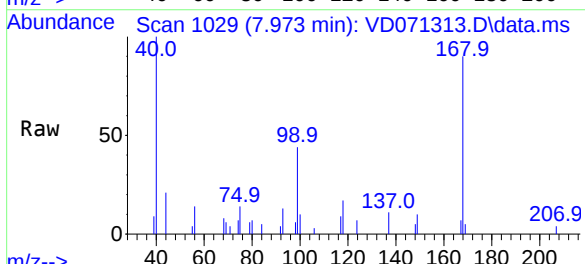
RT: 7.973 min Scan# 1029

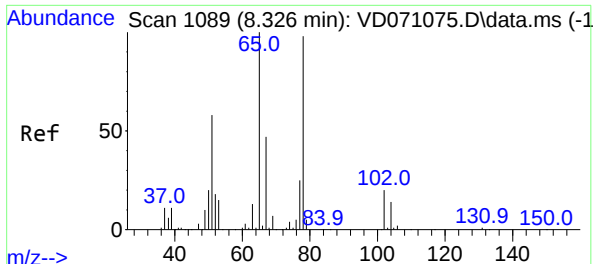
Delta R.T. -0.012 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

Tgt Ion:	56	Resp:	448
Ion	Ratio	Lower	Upper
56	100		
69	44.7	25.9	38.9#
84	36.3	64.3	96.5#

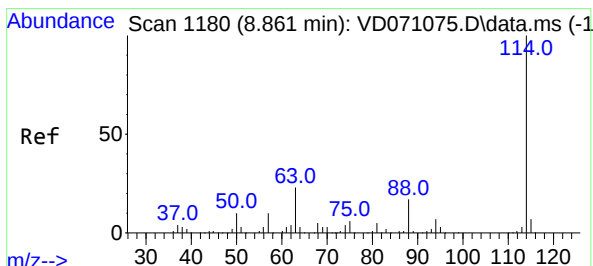
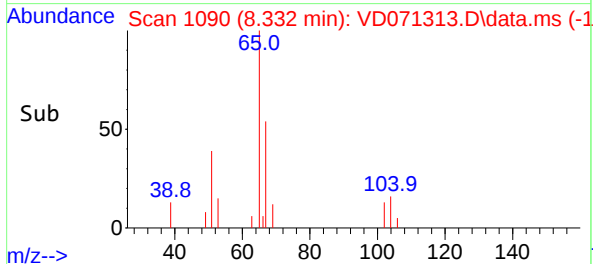
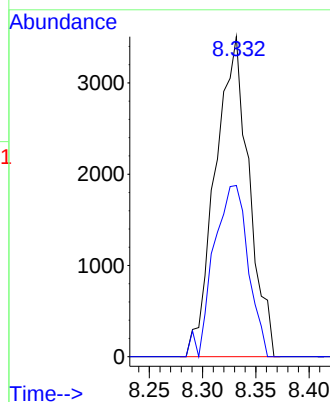
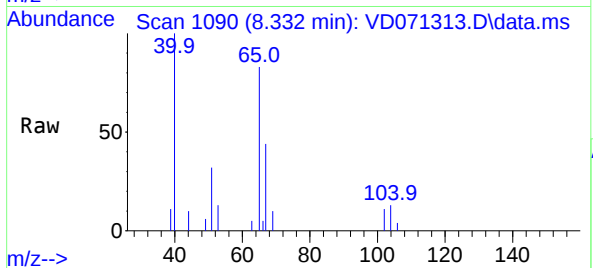




#33
1,2-Dichloroethane-d4
Concen: 72.614 ug/l
RT: 8.332 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

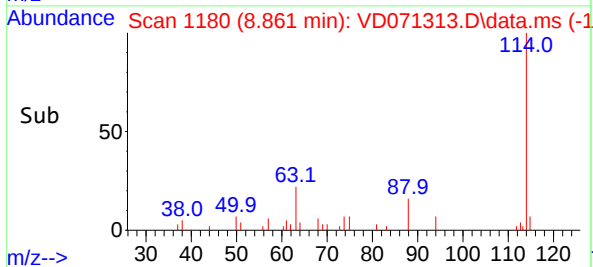
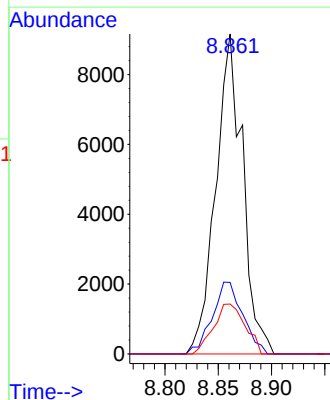
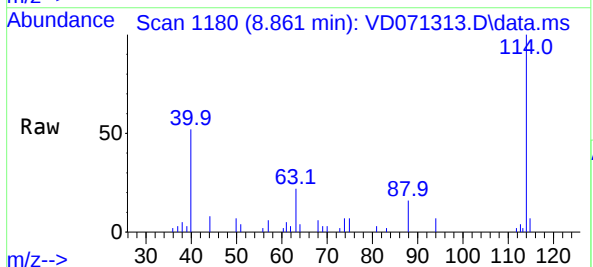
Instrument :
MSVOA_D
ClientSampleId :
TP15

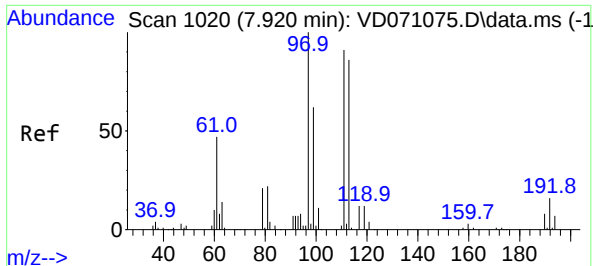
Tgt Ion: 65 Resp: 7722
Ion Ratio Lower Upper
65 100
67 54.6 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 114 Resp: 16059
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.8
88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.659 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071313.D

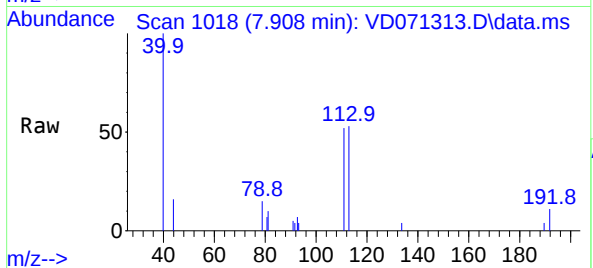
Acq: 14 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

TP15



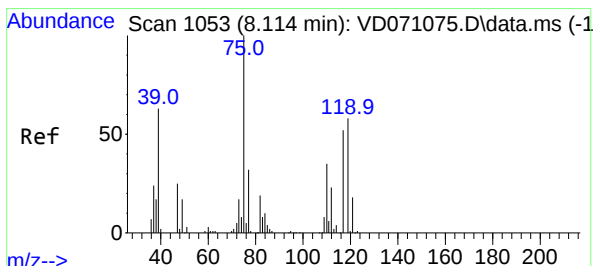
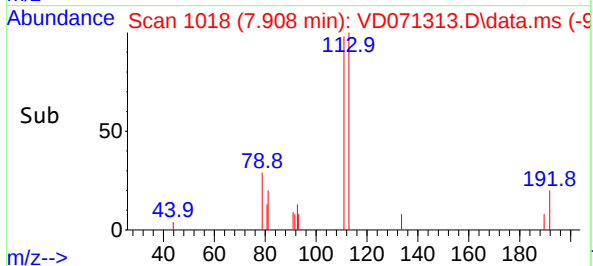
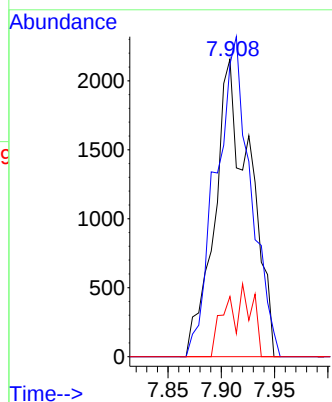
Tgt Ion:113 Resp: 4976

Ion Ratio Lower Upper

113 100

111 0.0 82.0 123.0#

192 8.5 15.2 22.8#



#36

1,1-Dichloropropene

Concen: 6.583 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

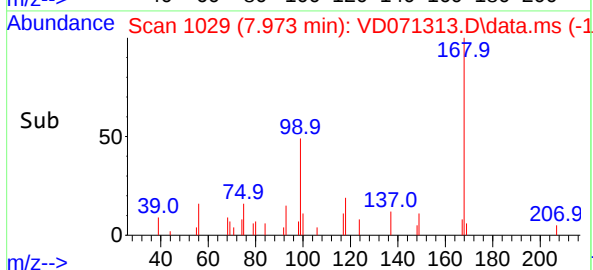
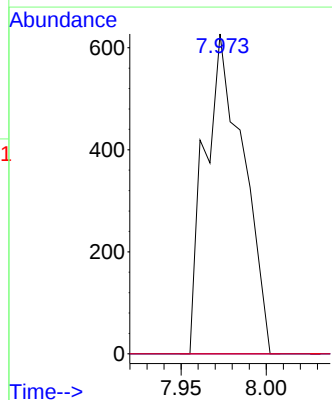
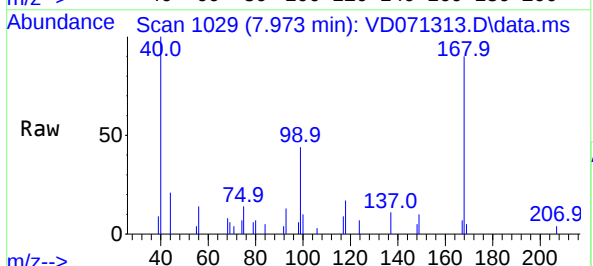
Tgt Ion: 75 Resp: 988

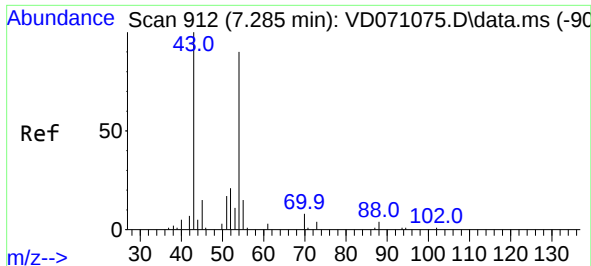
Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.4#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 1.604 ug/l

RT: 7.273 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

TP15

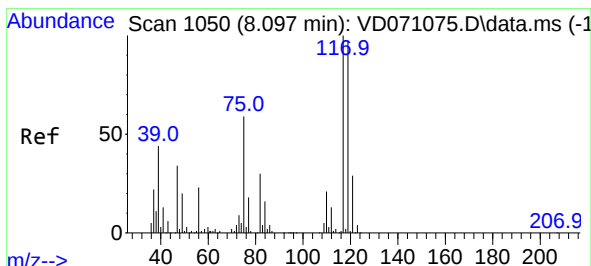
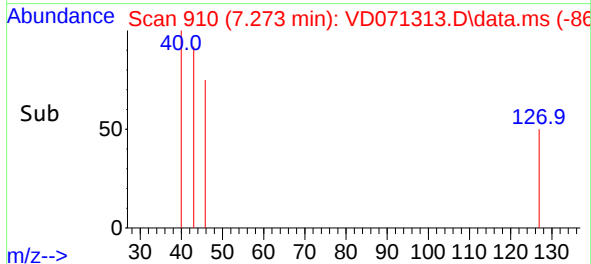
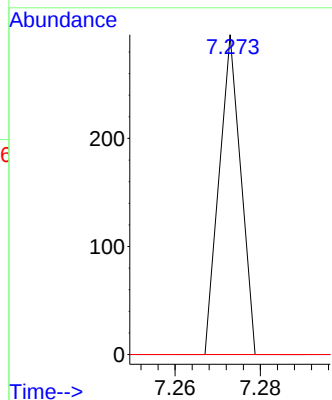
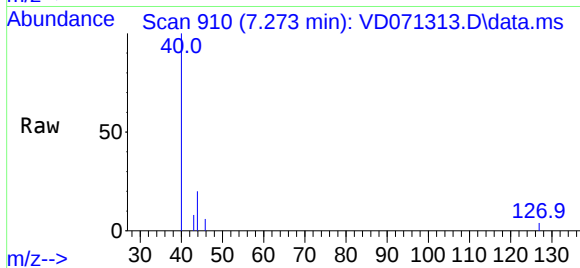
Tgt Ion: 43 Resp: 104

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.6#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 3.413 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

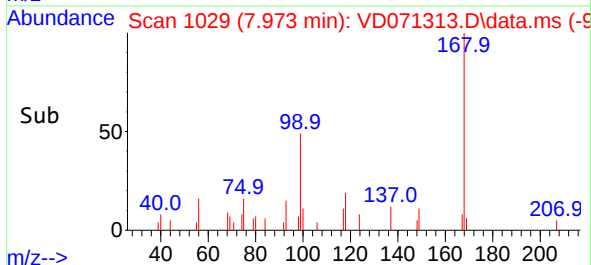
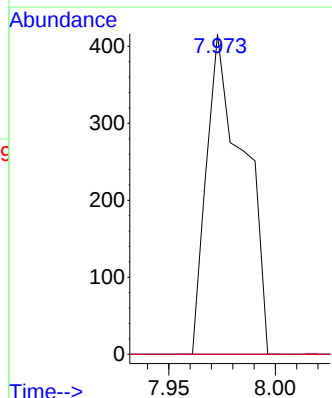
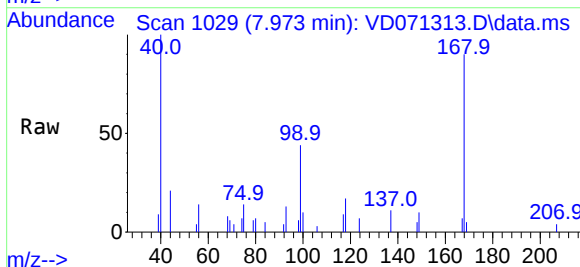
Tgt Ion: 117 Resp: 505

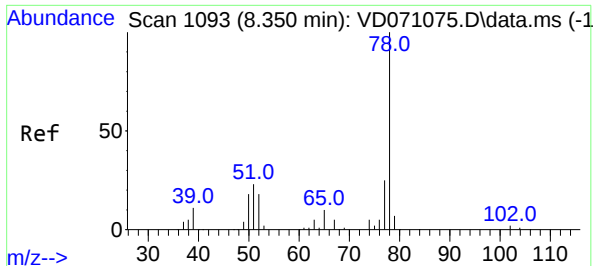
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 23.6 35.4#

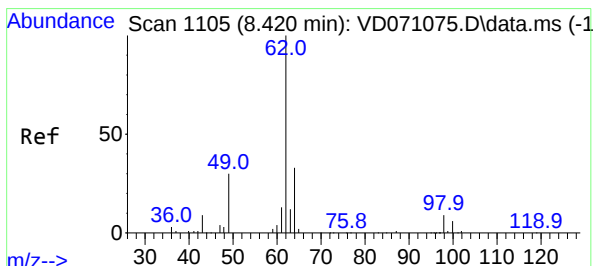
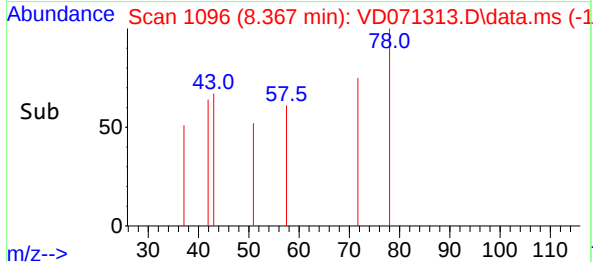
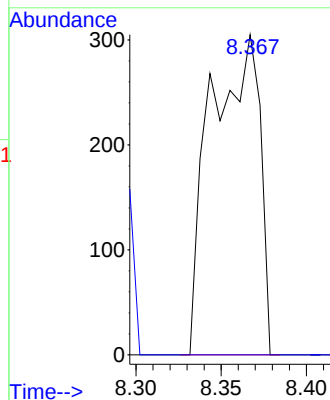
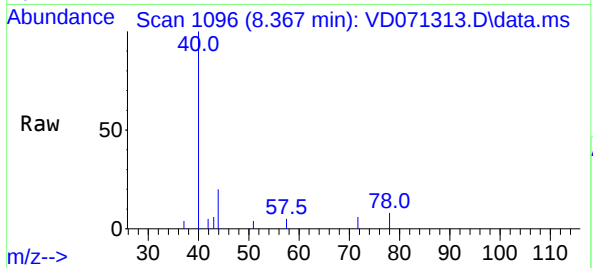




#40
Benzene
Concen: 1.484 ug/l
RT: 8.367 min Scan# 110
Delta R.T. 0.017 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

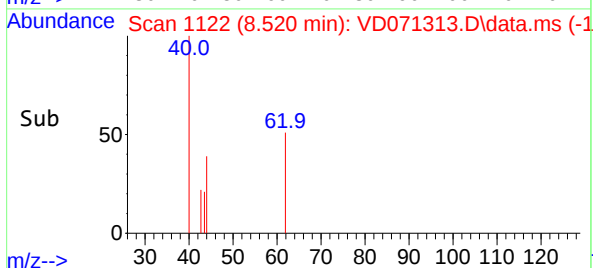
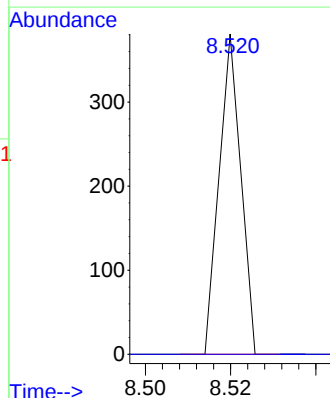
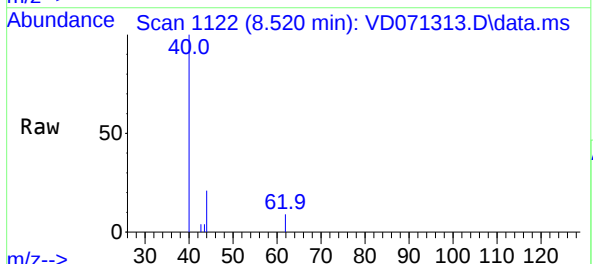
Instrument :
MSVOA_D
ClientSampleId :
TP15

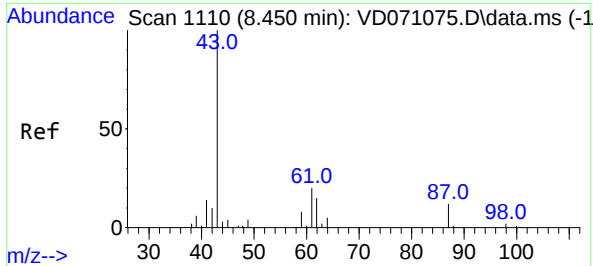
Tgt Ion: 78 Resp: 605
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#



#42
1,2-Dichloroethane
Concen: 1.077 ug/l
RT: 8.520 min Scan# 1122
Delta R.T. 0.100 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 62 Resp: 134
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.8

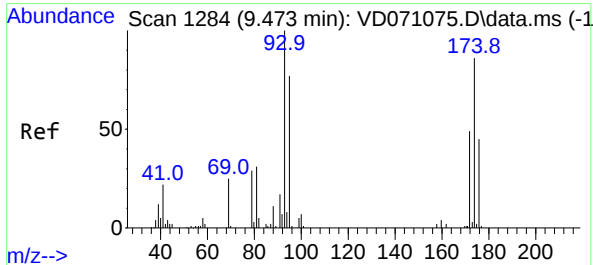
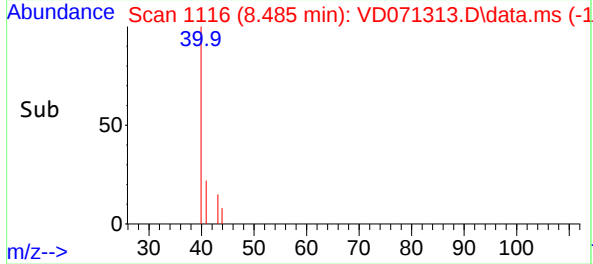
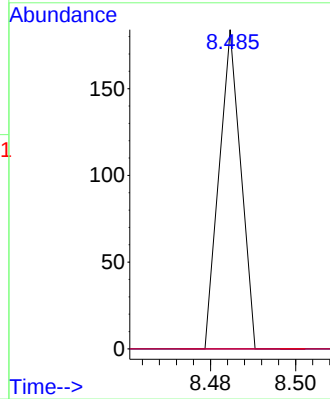
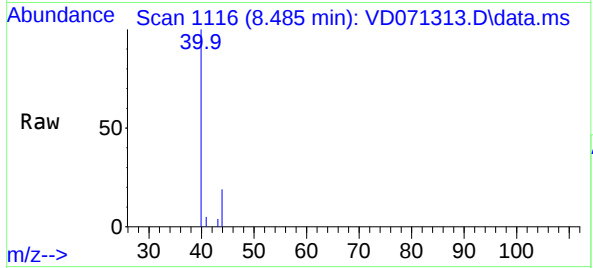




#43
Isopropyl Acetate
Concen: 5.631 ug/l
RT: 8.485 min Scan# 1110
Delta R.T. 0.035 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

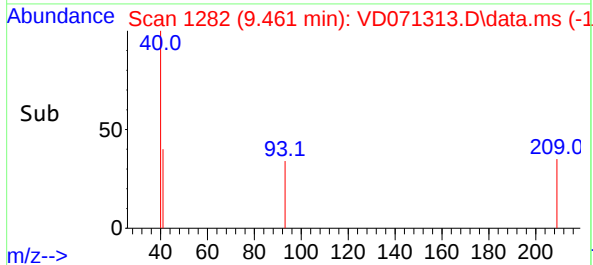
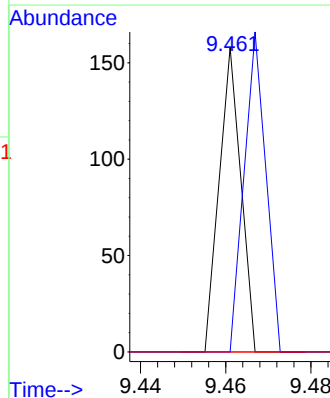
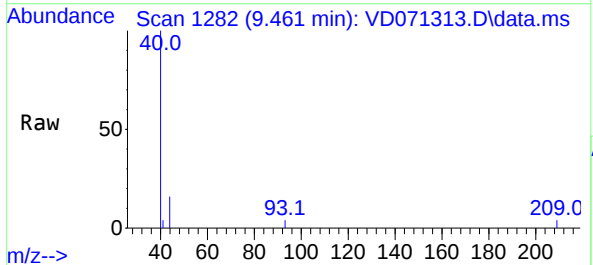
Instrument :
MSVOA_D
ClientSampleId :
TP15

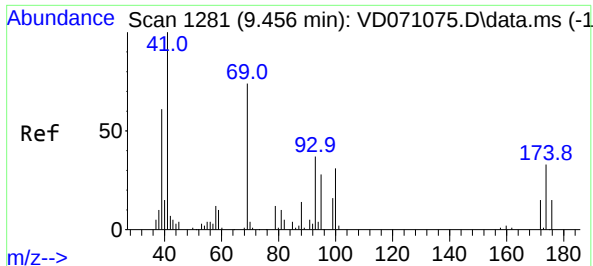
Tgt Ion:	43	Resp:	65
Ion	Ratio	Lower	Upper
43	100		
61	0.0	28.2	42.4#
87	0.0	10.7	16.1#



#46
Dibromomethane
Concen: 1.007 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.012 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion:	93	Resp:	56
Ion	Ratio	Lower	Upper
93	100		
95	105.4	66.1	99.1#
174	0.0	78.6	117.8#





#48

Methyl methacrylate

Concen: 3.104 ug/l

RT: 9.449 min Scan# 11

Delta R.T. -0.007 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

Instrument :

MSVOA_D

ClientSampleId :

TP15

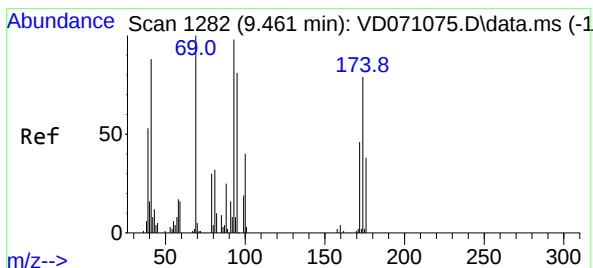
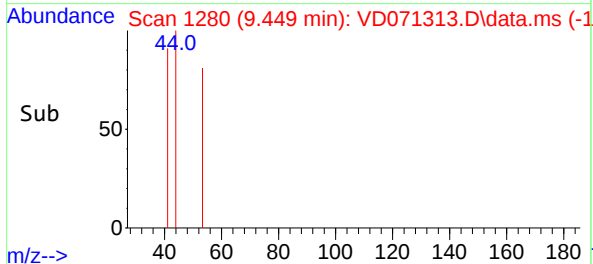
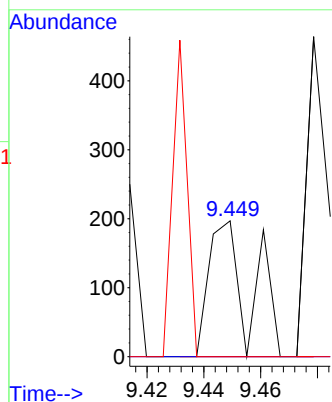
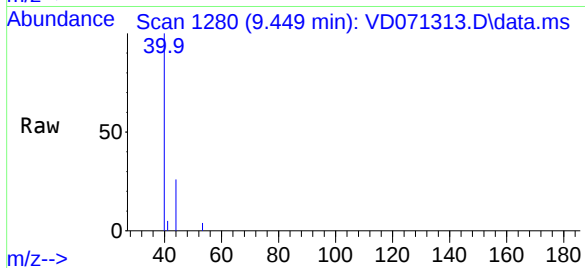
Tgt Ion: 41 Resp: 197

Ion Ratio Lower Upper

41 100

69 0.0 69.8 104.6#

39 82.2 35.6 53.4#



#49

1,4-Dioxane

Concen: 100.567 ug/l

RT: 9.190 min Scan# 1236

Delta R.T. -0.271 min

Lab File: VD071313.D

Acq: 14 Dec 2021 11:43

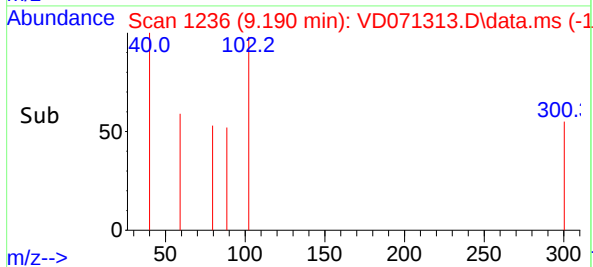
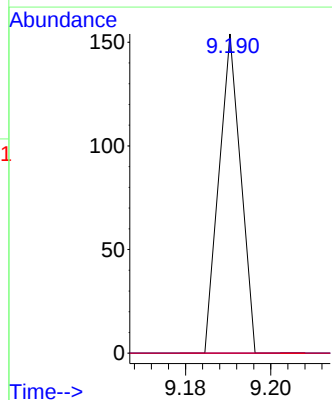
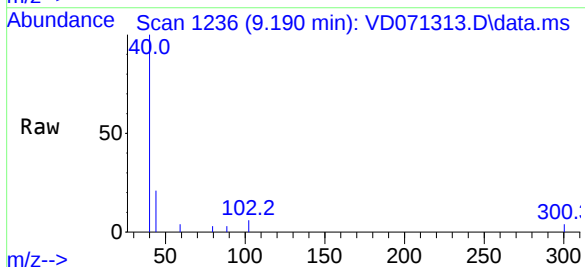
Tgt Ion: 88 Resp: 54

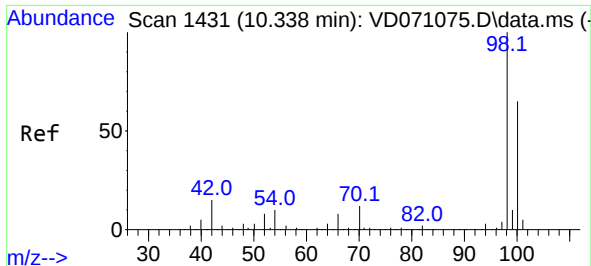
Ion Ratio Lower Upper

88 100

43 0.0 28.9 43.3#

58 0.0 56.3 84.5#

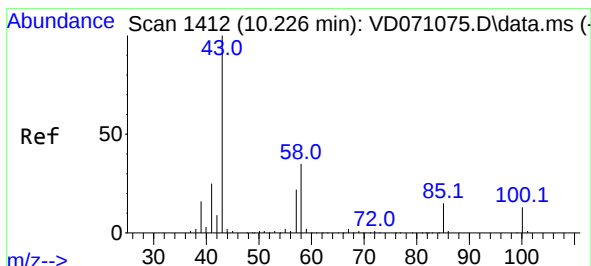
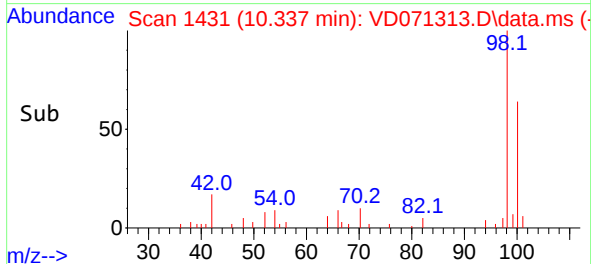
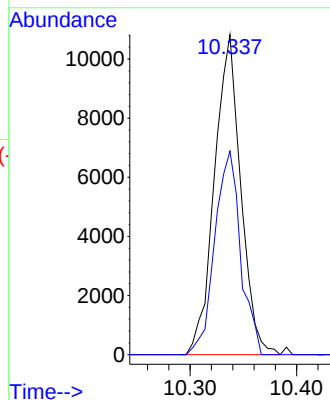
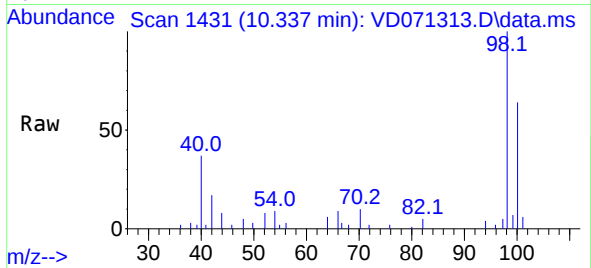




#50
Toluene-d8
Concen: 47.788 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

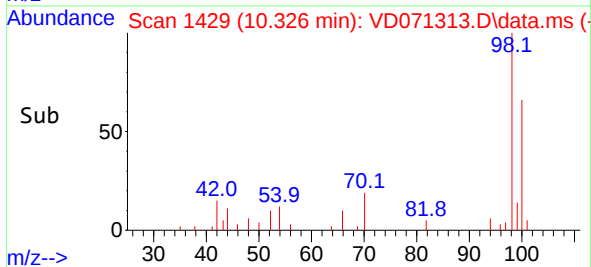
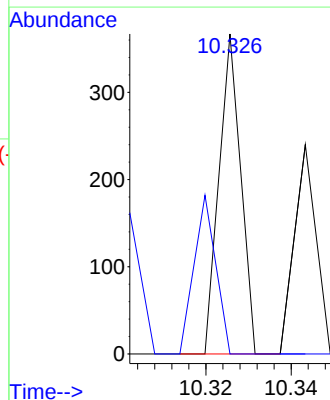
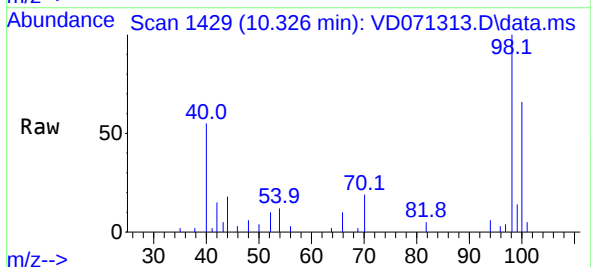
Instrument :
MSVOA_D
ClientSampleId :
TP15

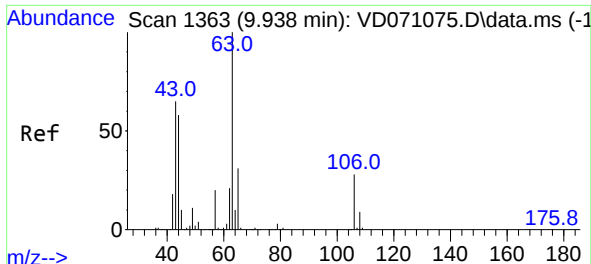
Tgt Ion: 98 Resp: 18597
Ion Ratio Lower Upper
98 100
100 62.1 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 32.200 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. 0.100 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
58 49.6 33.1 49.7

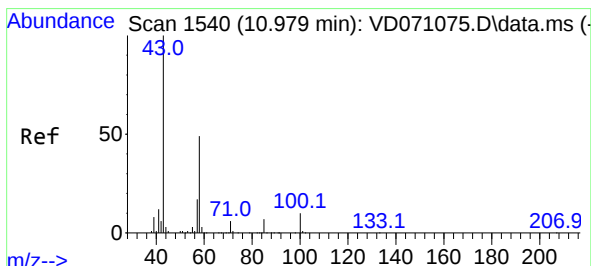
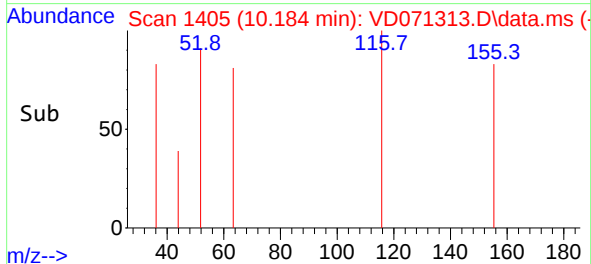
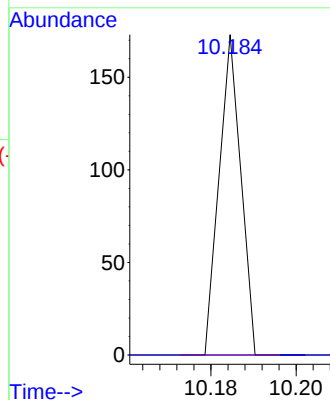
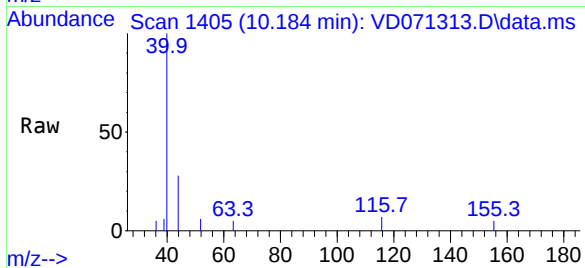




#58
2-Chloroethyl Vinyl ether
Concen: 1.228 ug/l
RT: 10.184 min Scan# 14
Delta R.T. 0.246 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

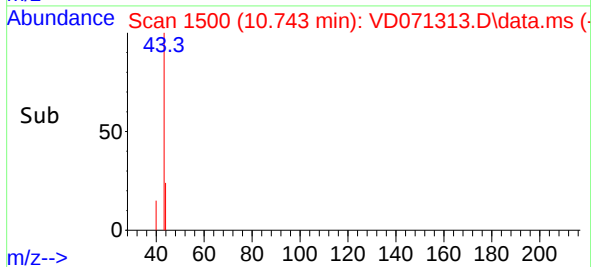
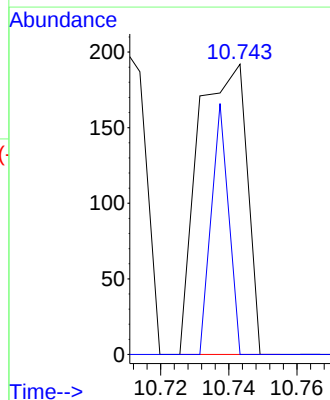
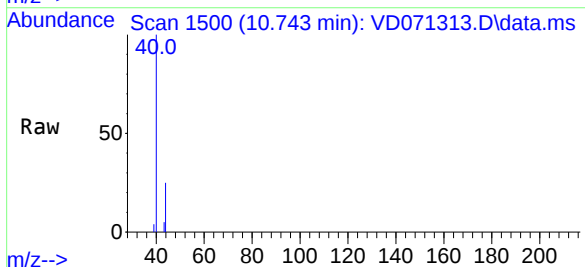
Instrument :
MSVOA_D
ClientSampleId :
TP15

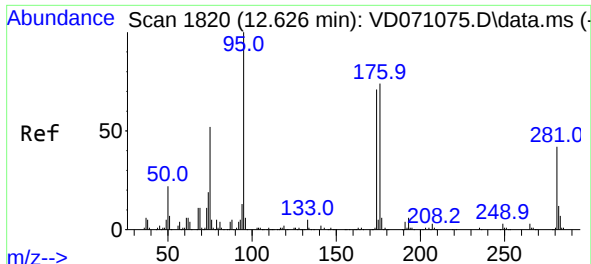
Tgt Ion: 63 Resp: 61
Ion Ratio Lower Upper
63 100
106 0.0 21.0 31.4#



#59
2-Hexanone
Concen: 37.530 ug/l
RT: 10.743 min Scan# 1500
Delta R.T. -0.236 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
58 31.2 28.7 86.1

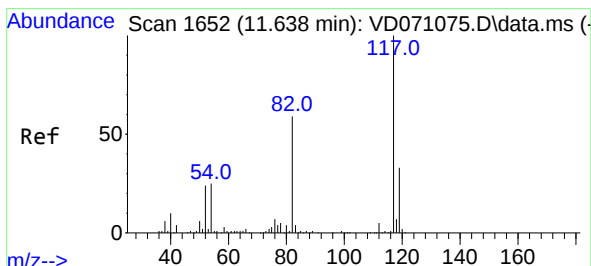
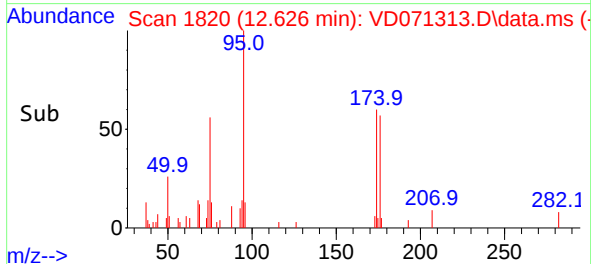
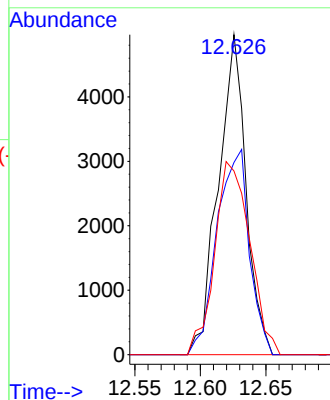
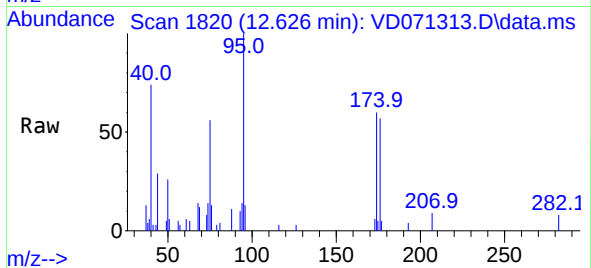




#62
4-Bromofluorobenzene
Concen: 54.071 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

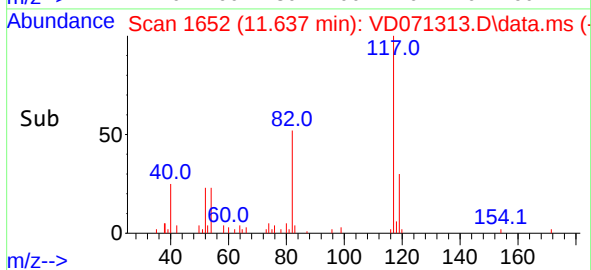
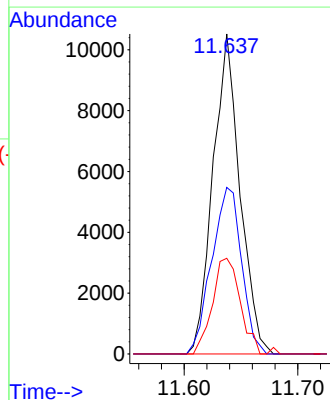
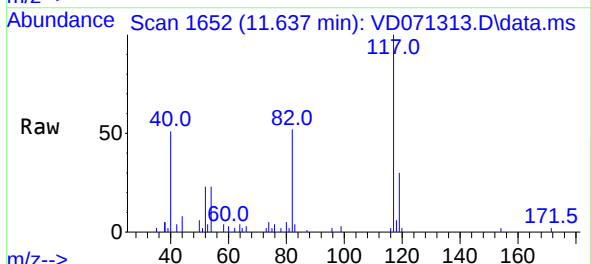
Instrument :
MSVOA_D
ClientSampleId :
TP15

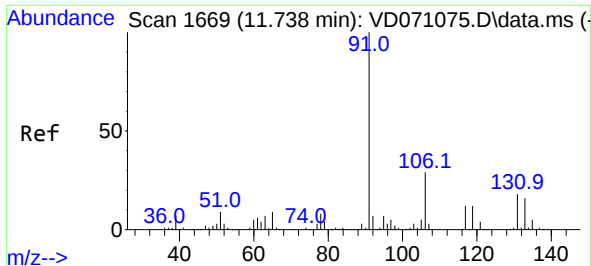
Tgt Ion: 95	Resp: 7294
Ion Ratio	Lower Upper
95 100	
174 74.8	0.0 159.4
176 76.8	0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion:117	Resp:	17353	
Ion	Ratio	Lower	Upper
117	100		
82	52.1	44.7	67.1
119	29.9	26.2	39.4

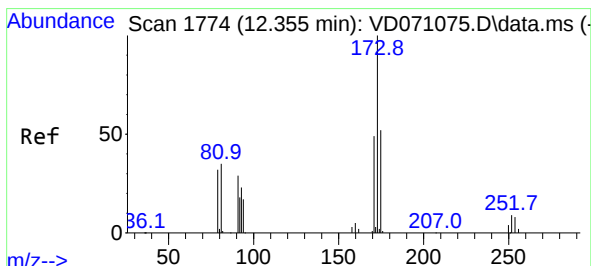
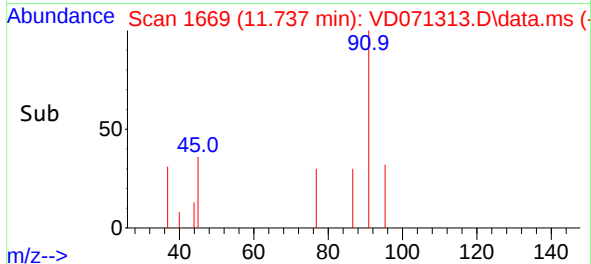
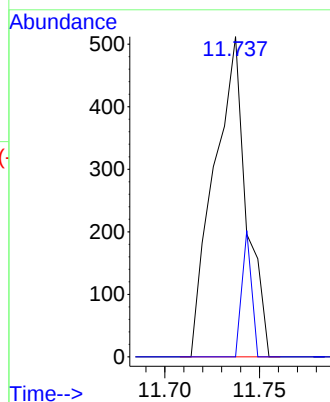
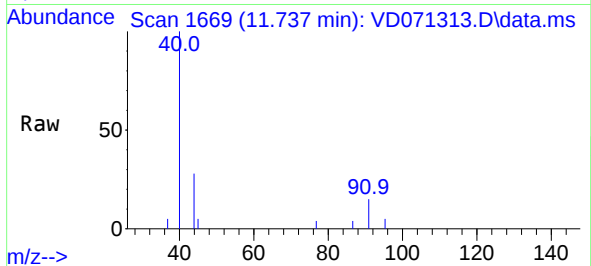




#67
Ethyl Benzene
Concen: 1.001 ug/l
RT: 11.737 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

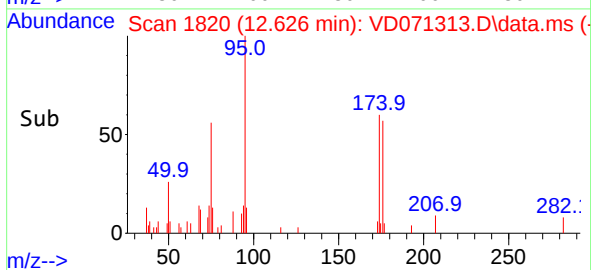
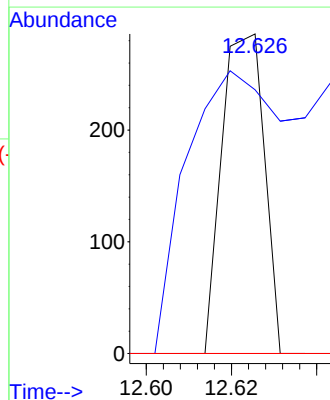
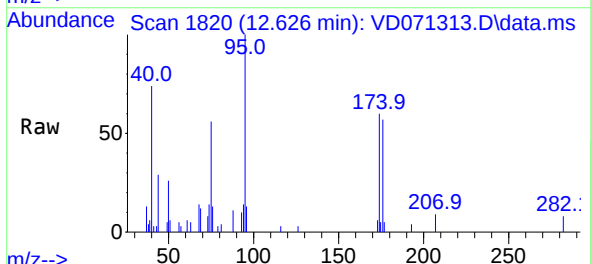
Instrument :
MSVOA_D
ClientSampleId :
TP15

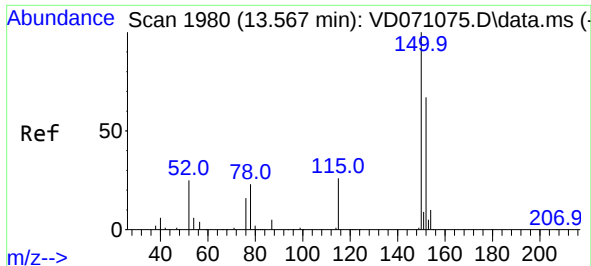
Tgt Ion: 91 Resp: 607
Ion Ratio Lower Upper
91 100
106 0.0 24.6 36.8#



#71
Bromoform
Concen: 3.251 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 173 Resp: 198
Ion Ratio Lower Upper
173 100
175 191.9 24.1 72.2#
254 0.0 0.1 0.1#

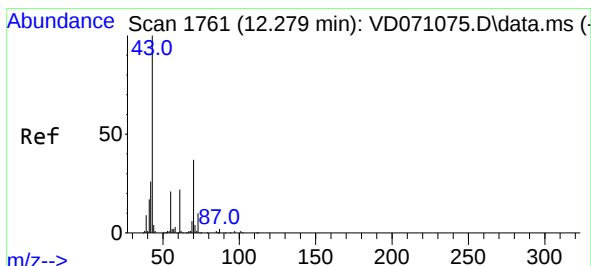
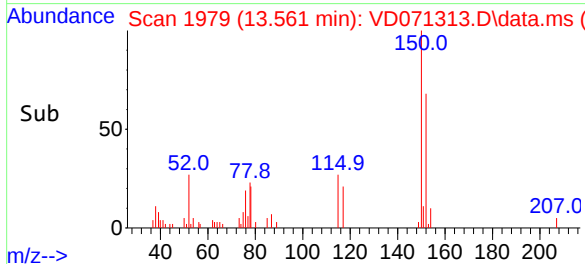
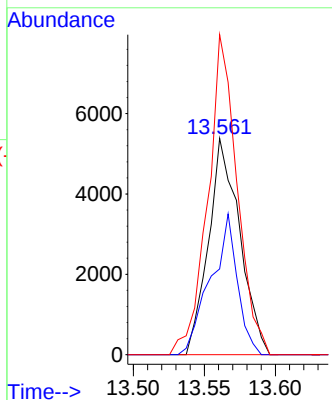
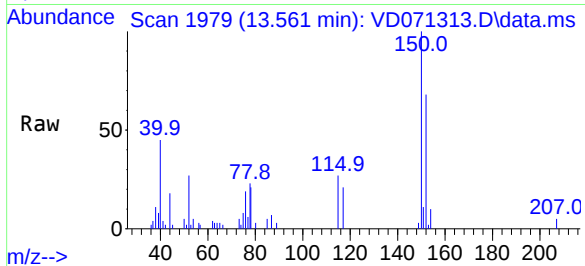




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

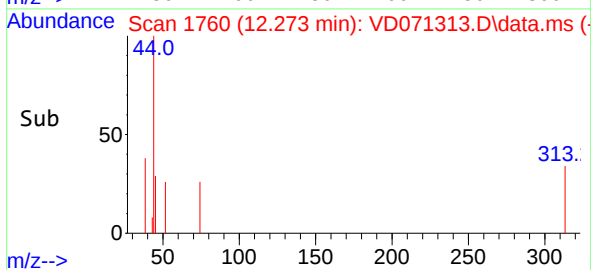
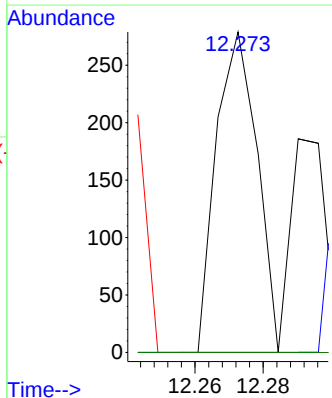
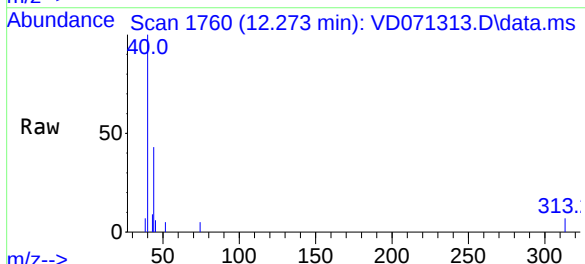
Instrument :
MSVOA_D
ClientSampleId :
TP15

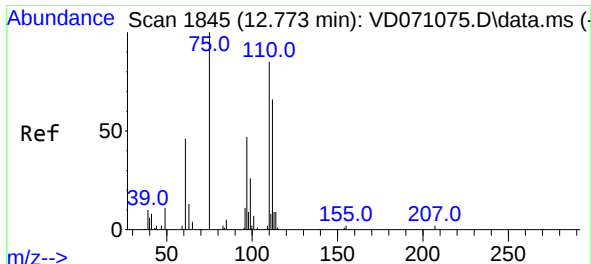
Tgt Ion:152 Resp: 8218
Ion Ratio Lower Upper
152 100
115 55.8 29.8 89.3
150 139.5 0.0 349.2



#74
N-ethyl acetate
Concen: 6.963 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 43 Resp: 232
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#

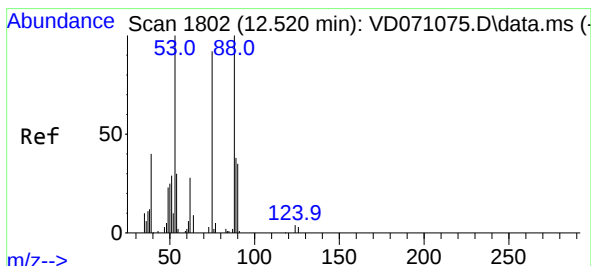
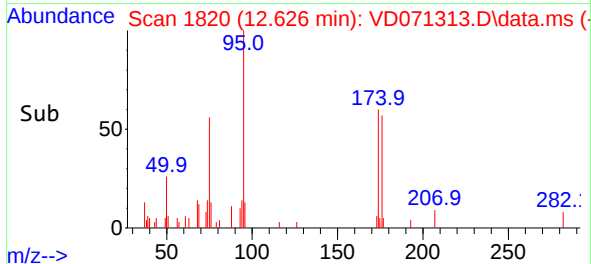
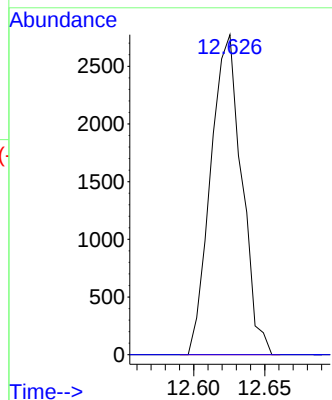
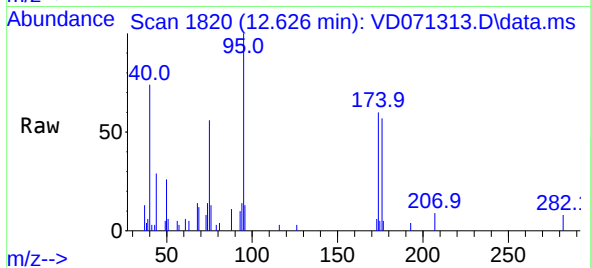




#76
1,2,3-Trichloropropane
Concen: 53.923 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

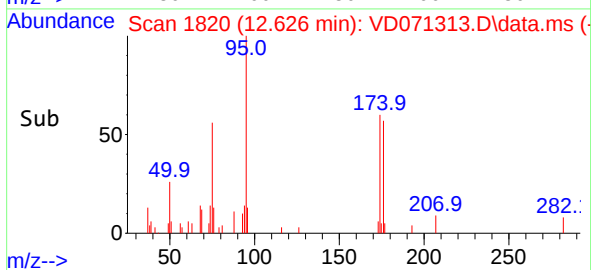
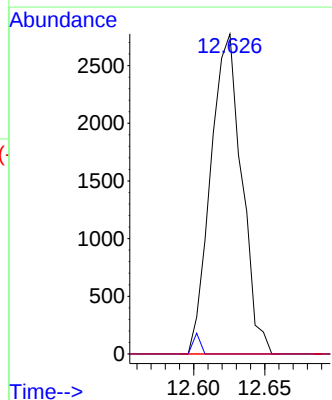
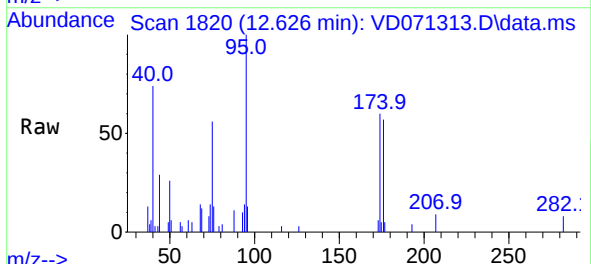
Instrument :
MSVOA_D
ClientSampleId :
TP15

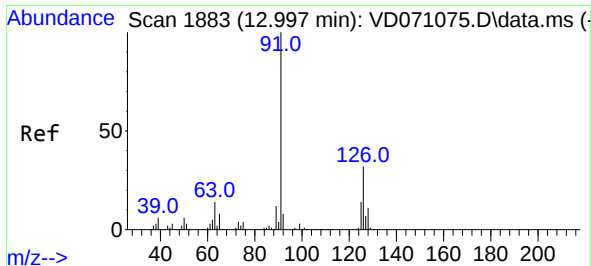
Tgt Ion: 75 Resp: 4222
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.331 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 75 Resp: 4222
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#

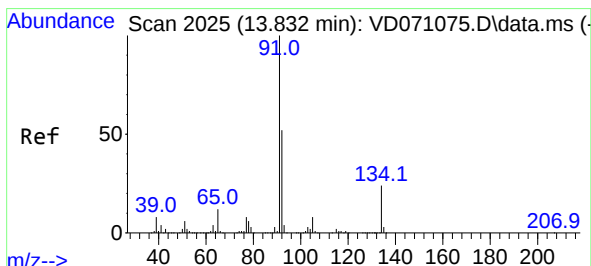
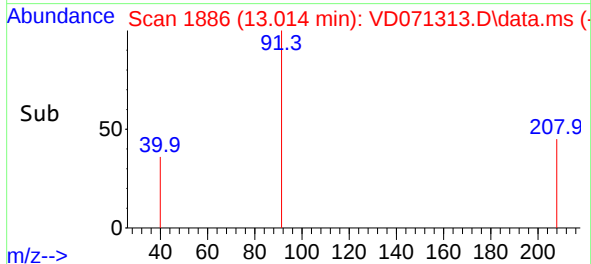
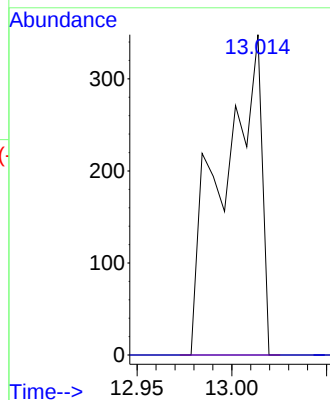
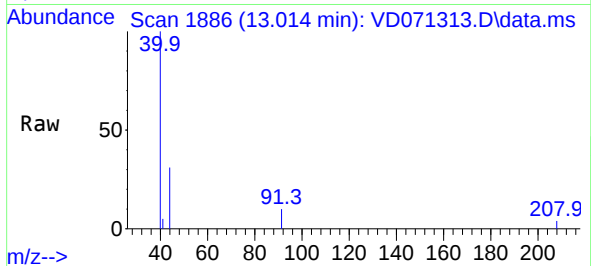




#82
4-Chlorotoluene
Concen: 1.156 ug/l
RT: 13.014 min Scan# 1886
Delta R.T. 0.017 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

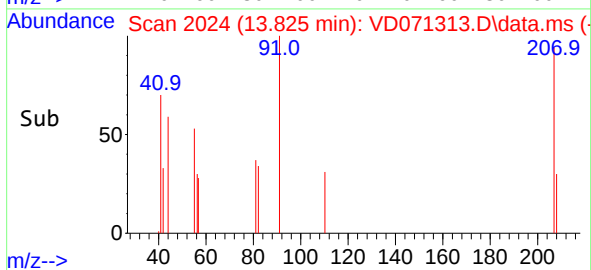
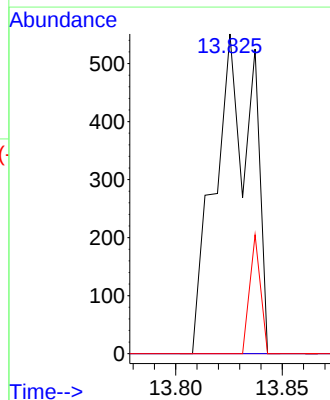
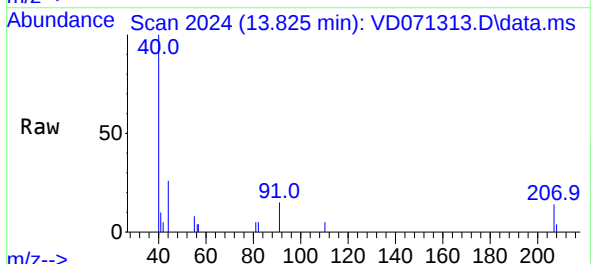
Instrument :
MSVOA_D
ClientSampleId :
TP15

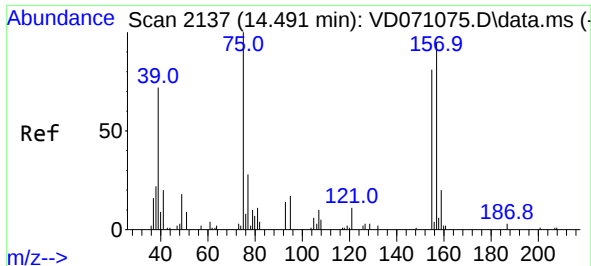
Tgt Ion: 91 Resp: 499
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#89
n-Butylbenzene
Concen: 1.300 ug/l
RT: 13.825 min Scan# 2024
Delta R.T. -0.007 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion: 91 Resp: 668
Ion Ratio Lower Upper
91 100
92 0.0 27.3 81.9#
134 10.8 12.3 36.9#

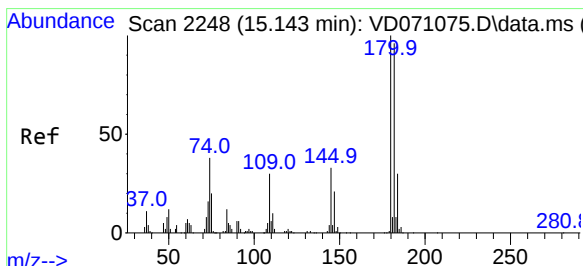
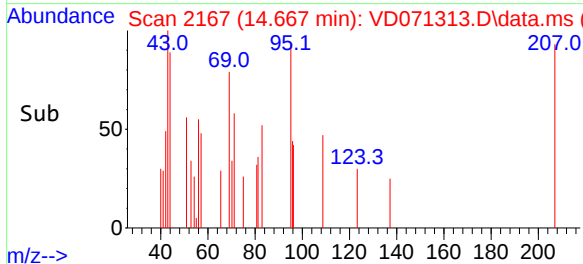
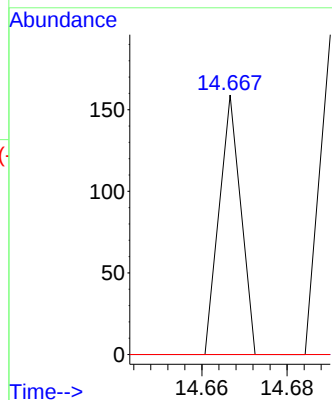
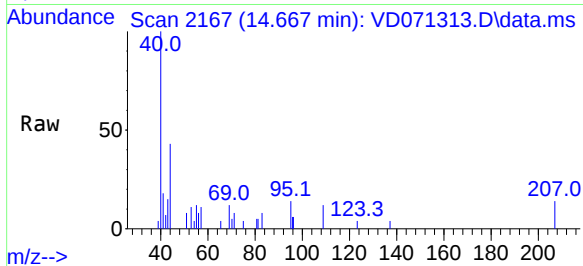




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.509 ug/l
 RT: 14.667 min Scan# 2137
 Delta R.T. 0.176 min
 Lab File: VD071313.D
 Acq: 14 Dec 2021 11:43

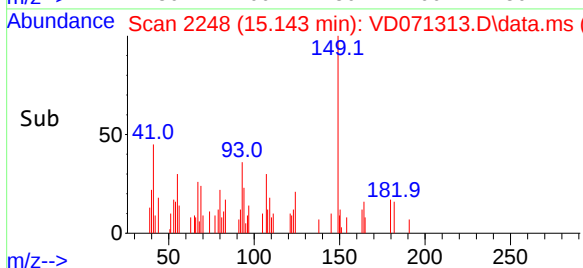
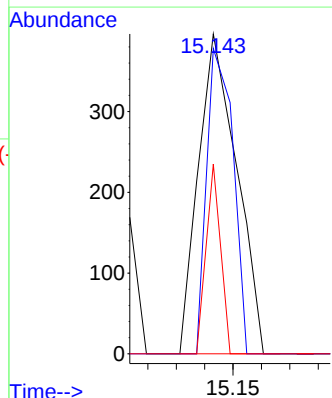
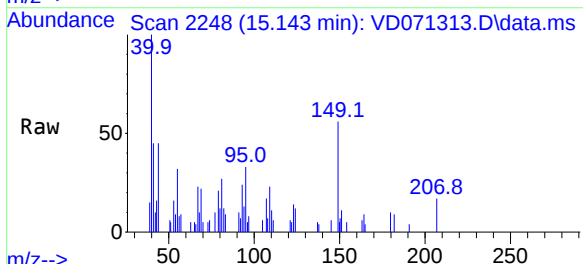
Instrument :
 MSVOA_D
 ClientSampleId :
 TP15

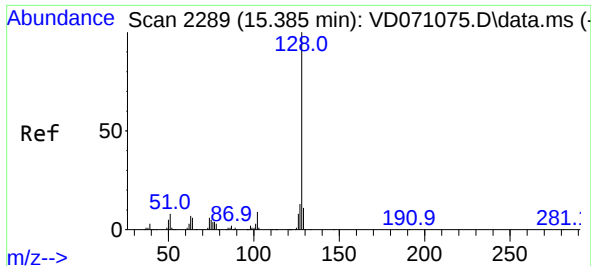
Tgt Ion: 75 Resp: 56
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.0 120.0#
 157 0.0 49.8 149.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.719 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD071313.D
 Acq: 14 Dec 2021 11:43

Tgt Ion: 180 Resp: 370
 Ion Ratio Lower Upper
 180 100
 182 65.7 48.2 144.6
 145 22.4 15.4 46.2

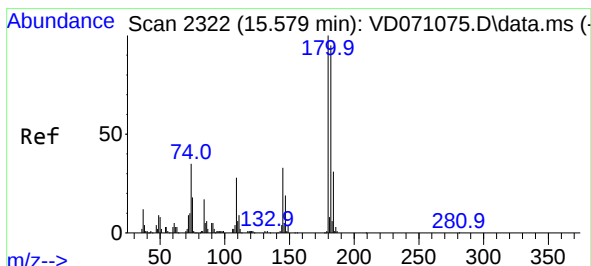
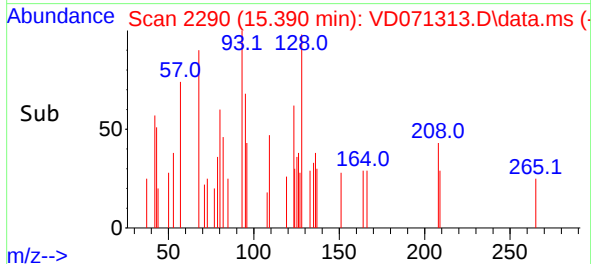
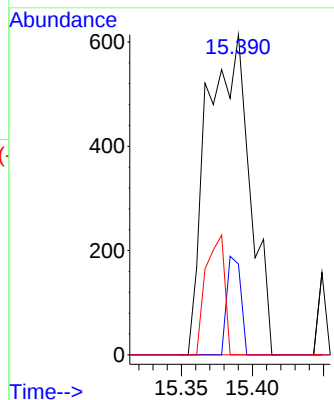
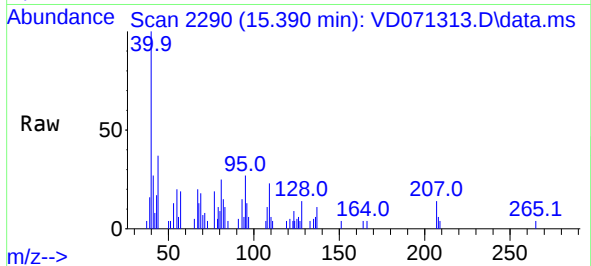




#95
Naphthalene
Concen: 5.331 ug/l
RT: 15.390 min Scan# 211
Delta R.T. 0.005 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Instrument :
MSVOA_D
ClientSampleId :
TP15

Tgt Ion:128 Resp: 1279
Ion Ratio Lower Upper
128 100
127 10.0 10.7 16.1#
129 16.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 7.422 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. 0.005 min
Lab File: VD071313.D
Acq: 14 Dec 2021 11:43

Tgt Ion:180 Resp: 858
Ion Ratio Lower Upper
180 100
182 40.2 46.7 140.1#
145 16.1 15.9 47.6

