

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071347.D
 Acq On : 15 Dec 2021 17:21
 Operator : VA/SY
 Sample : M5083-10
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 04:30:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

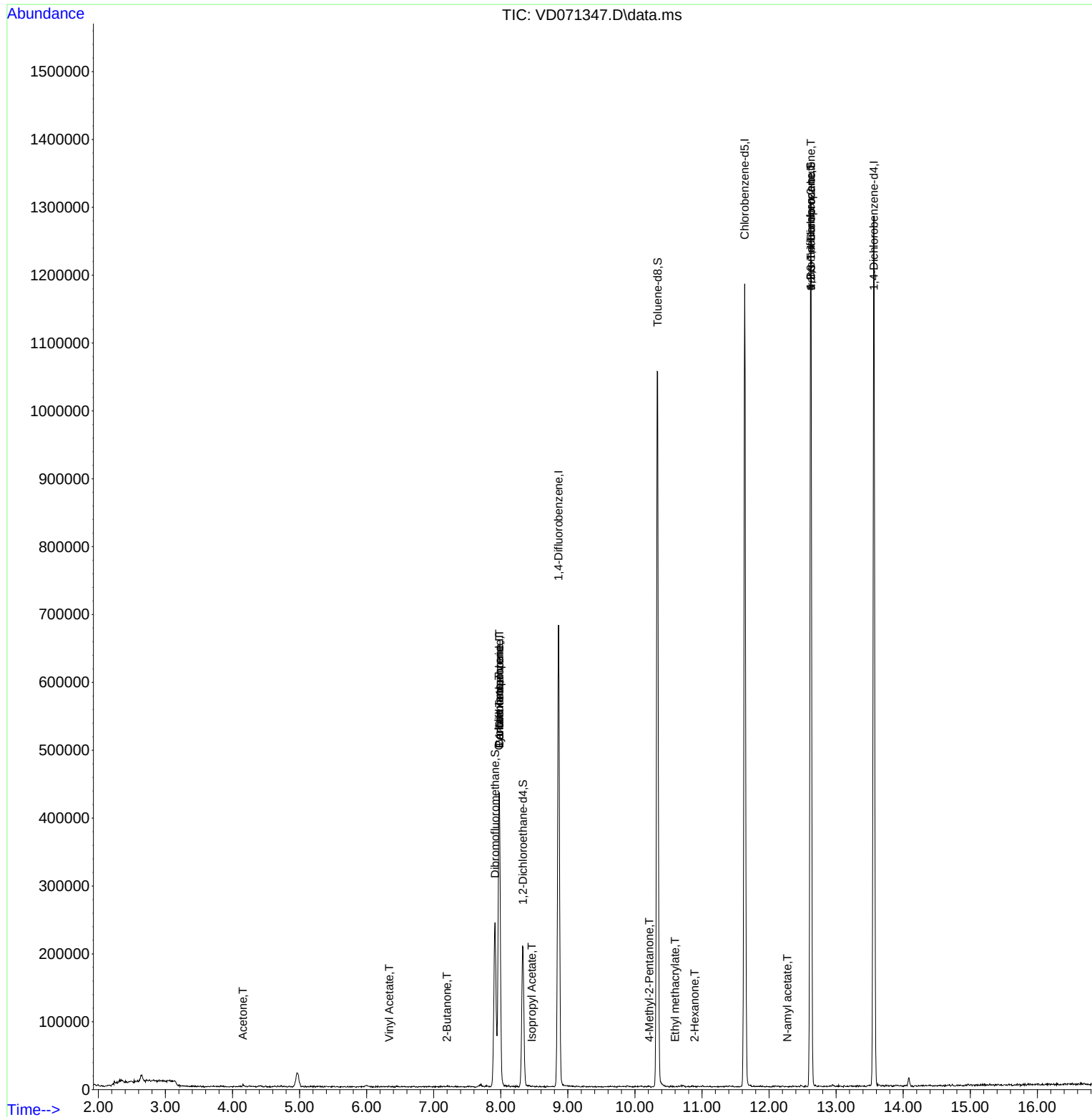
Internal Standards						
1) Pentafluorobenzene	7.979	168	306601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	526539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	618224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	306097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	163073	45.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.660%
35) Dibromofluoromethane	7.914	113	165264	49.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.338	98	693668	54.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.620	95	309748	70.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	140.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.214	59	172	Below Cal	#	71
16) Acetone	4.155	43	2116	32.738	ug/l	95
20) Methylene Chloride	4.961	84	14425	Below Cal		95
23) Vinyl Acetate	6.338	43	58	27.227	ug/l #	72
25) 2-Butanone	7.197	43	570	28.817	ug/l #	45
31) Cyclohexane	7.973	56	8377	1.369	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	28179	5.726	ug/l #	50
38) Carbon Tetrachloride	7.979	117	34264	7.063	ug/l #	17
41) Methacrylonitrile	7.544	41	80	Below Cal	#	25
43) Isopropyl Acetate	8.461	43	78	5.238	ug/l #	47
51) 4-Methyl-2-Pentanone	10.214	43	246	30.742	ug/l #	34
56) Ethyl methacrylate	10.596	69	61	5.986	ug/l #	5
59) 2-Hexanone	10.890	43	92	34.618	ug/l	86
74) N-amyl acetate	12.273	43	54	5.709	ug/l #	11
76) 1,2,3-Trichloropropane	12.626	75	179798	61.652	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	179798	133.321	ug/l #	18

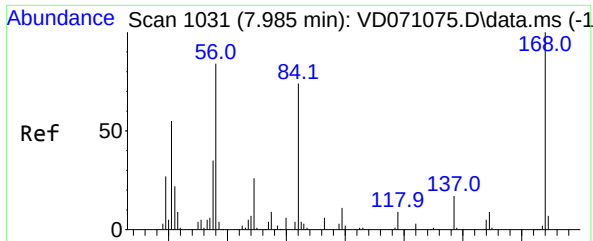
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071347.D
Acq On : 15 Dec 2021 17:21
Operator : VA/SY
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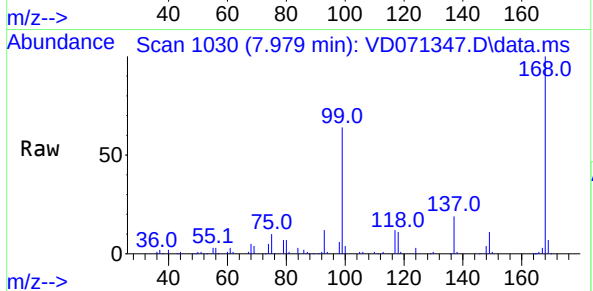
Quant Time: Dec 16 04:30:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
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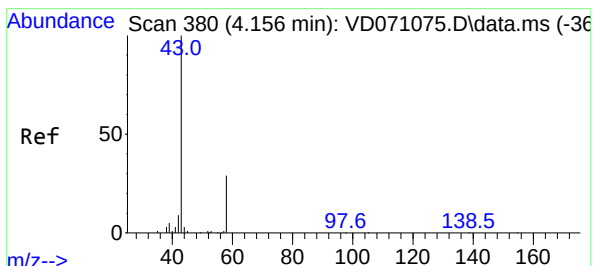
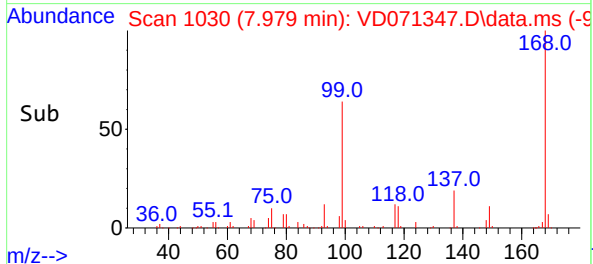
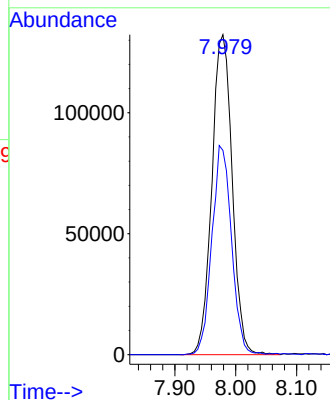


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :

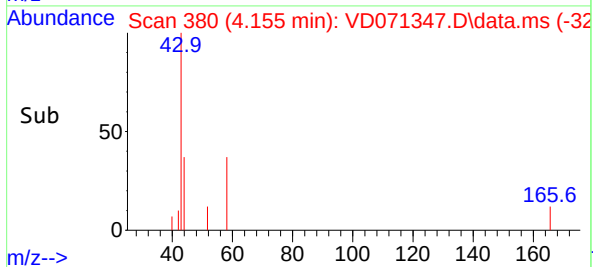
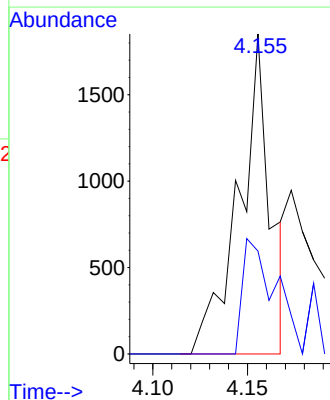
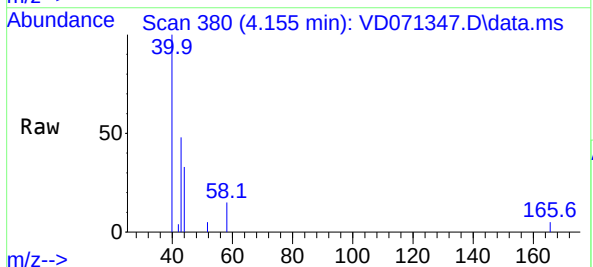


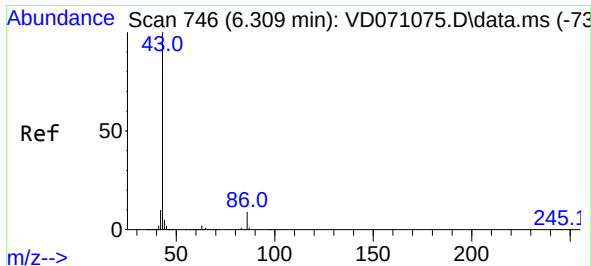
Tgt Ion:168 Resp: 306601
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#16
Acetone
Concen: 32.738 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 32.1 27.8 41.8

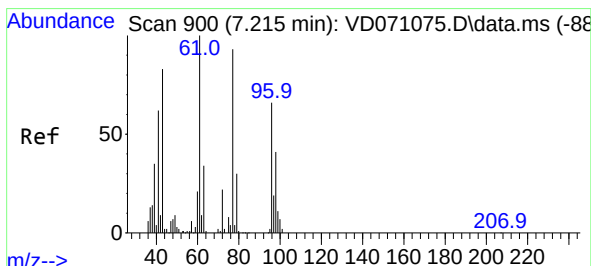
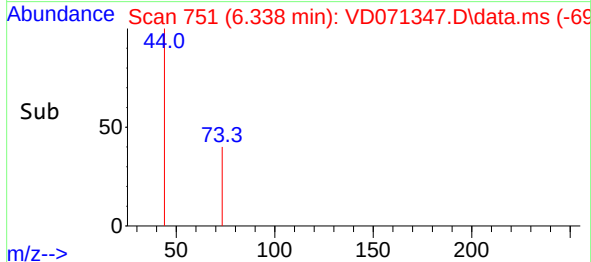
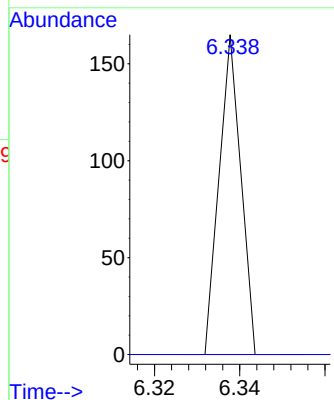
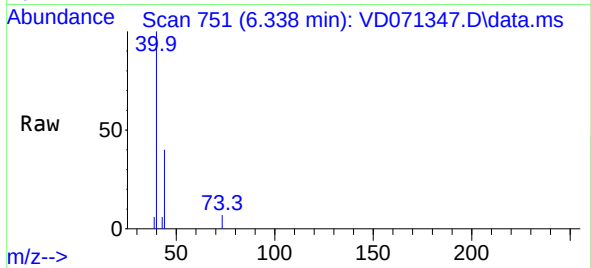




#23
Vinyl Acetate
Concen: 27.227 ug/l
RT: 6.338 min Scan# 71
Delta R.T. 0.029 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

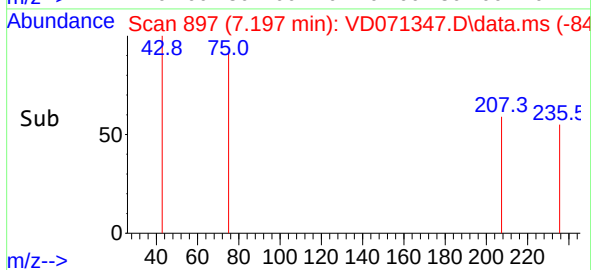
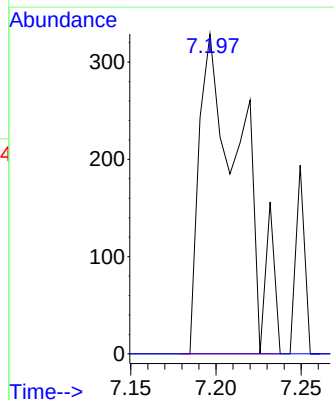
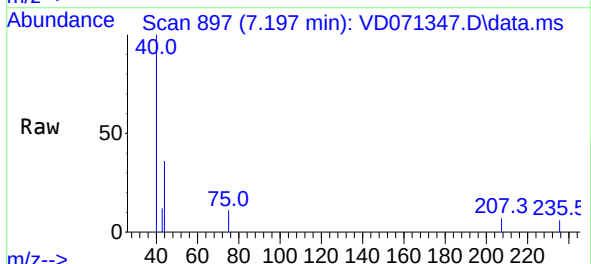
Instrument :
MSVOA_D
ClientSampleId :

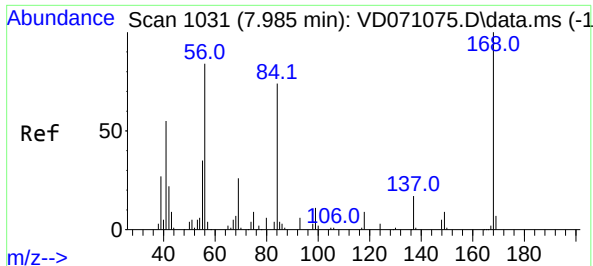
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



#25
2-Butanone
Concen: 28.817 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.6#





#31

Cyclohexane

Concen: 1.369 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

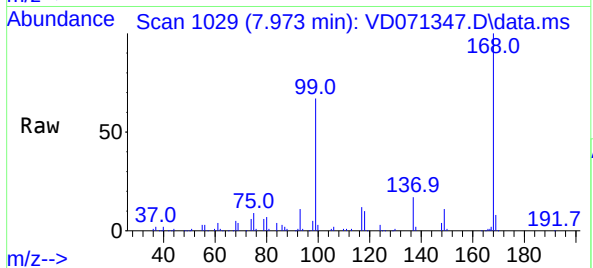
Lab File: VD071347.D

Acq: 15 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :



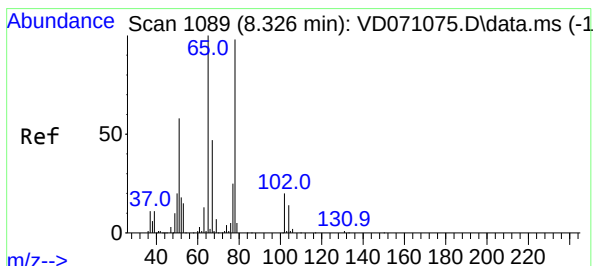
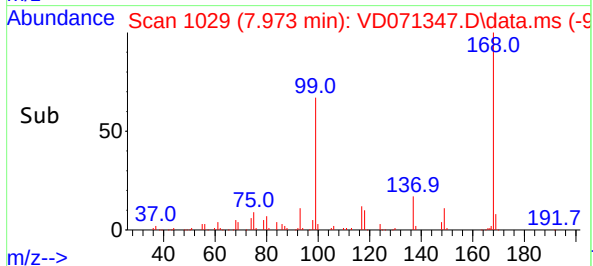
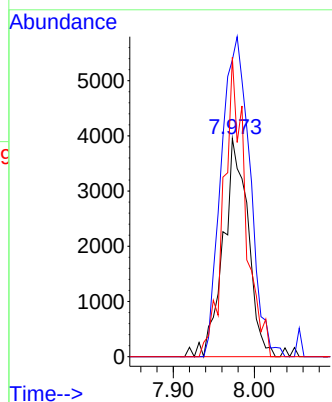
Tgt Ion: 56 Resp: 8377

Ion Ratio Lower Upper

56 100

69 136.0 25.9 38.9#

84 137.2 64.3 96.5#



#33

1,2-Dichloroethane-d4

Concen: 45.328 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071347.D

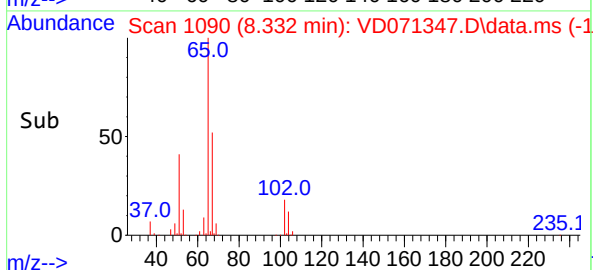
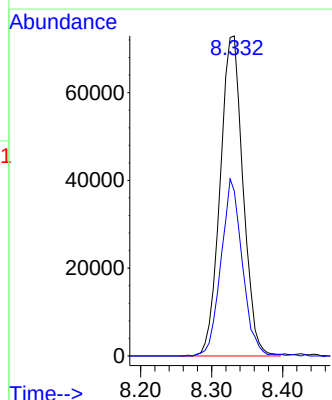
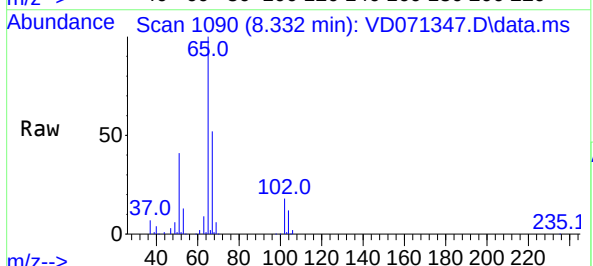
Acq: 15 Dec 2021 17:21

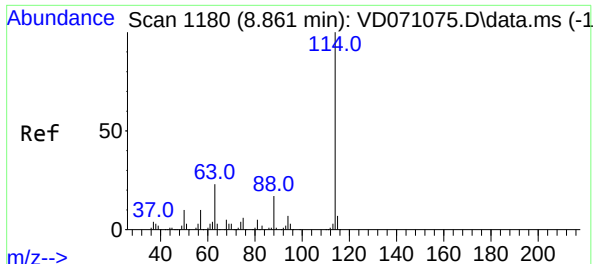
Tgt Ion: 65 Resp: 163073

Ion Ratio Lower Upper

65 100

67 51.5 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: VD071347.D

Acq: 15 Dec 2021 17:21

Instrument :

MSVOA_D

ClientSampleId :

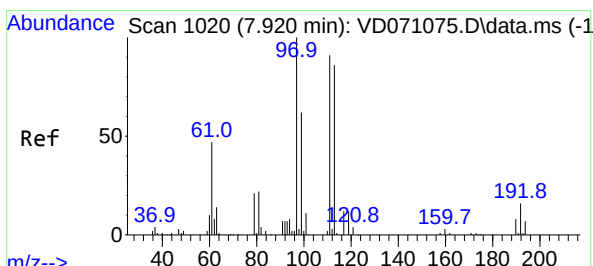
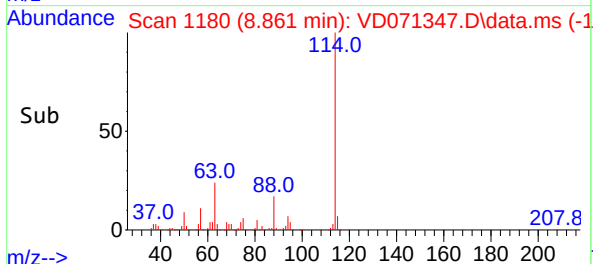
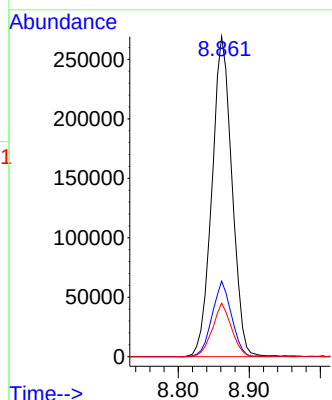
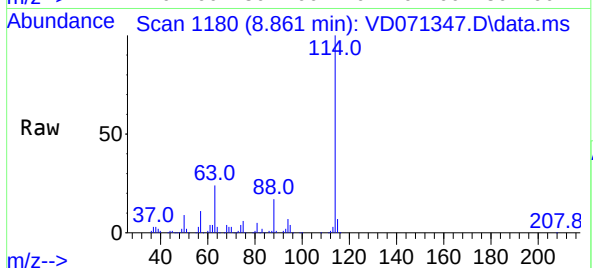
Tgt Ion:114 Resp: 526539

Ion Ratio Lower Upper

114 100

63 23.6 0.0 41.8

88 16.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.289 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071347.D

Acq: 15 Dec 2021 17:21

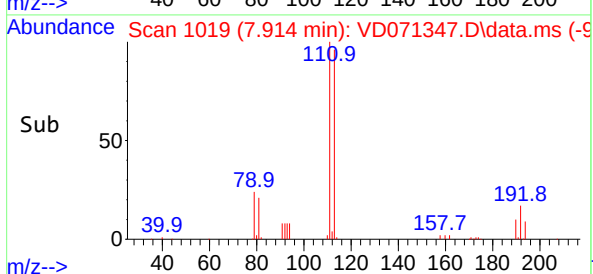
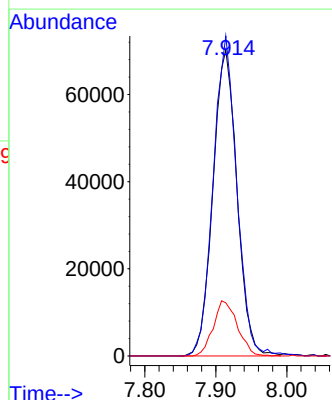
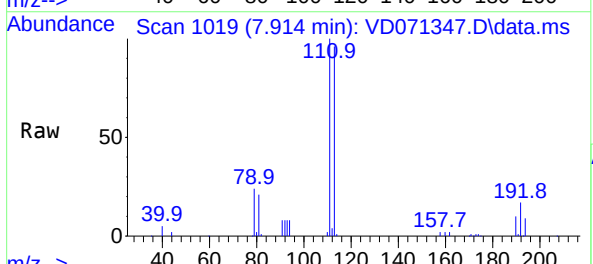
Tgt Ion:113 Resp: 165264

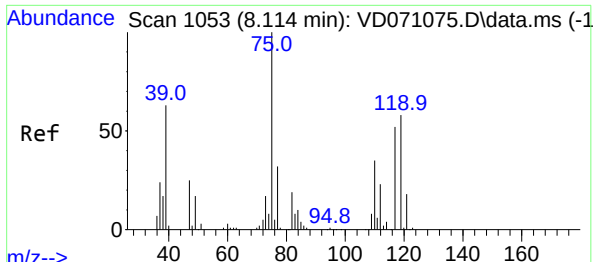
Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

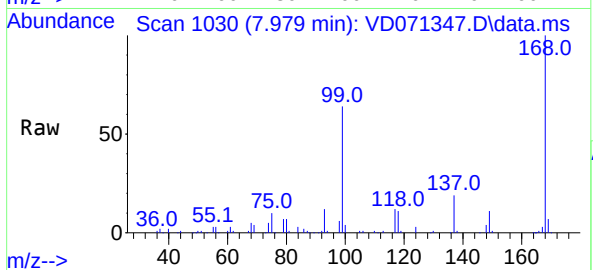
192 18.1 15.2 22.8



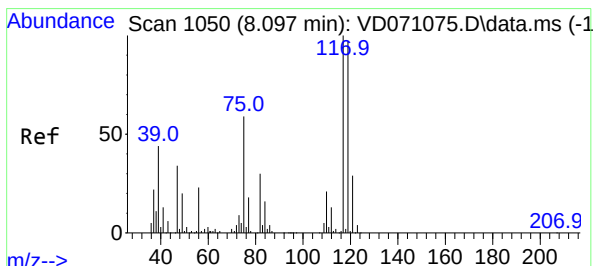
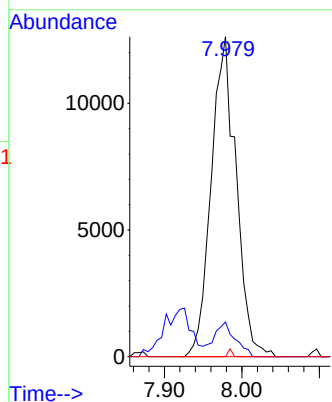
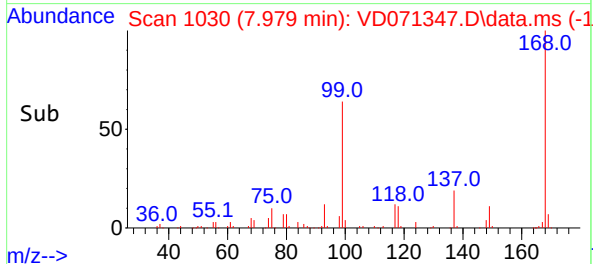


#36
1,1-Dichloropropene
Concen: 5.726 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

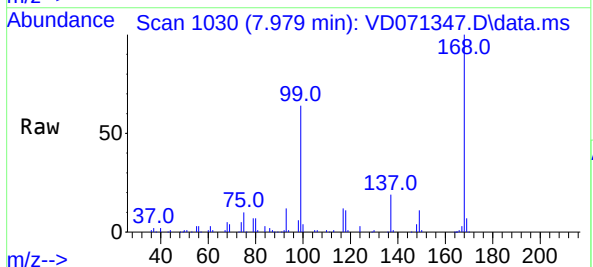
Instrument :
MSVOA_D
ClientSampleId :



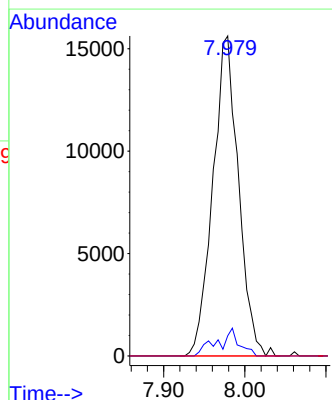
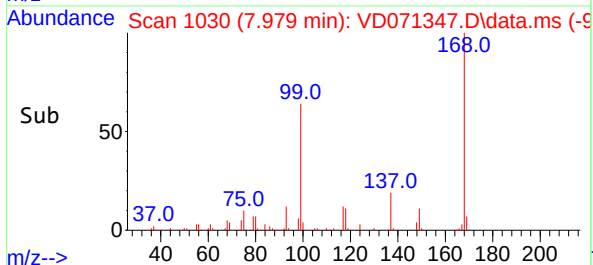
Tgt Ion: 75 Resp: 28179
Ion Ratio Lower Upper
75 100
110 9.2 17.8 53.4#
77 0.4 24.8 37.2#

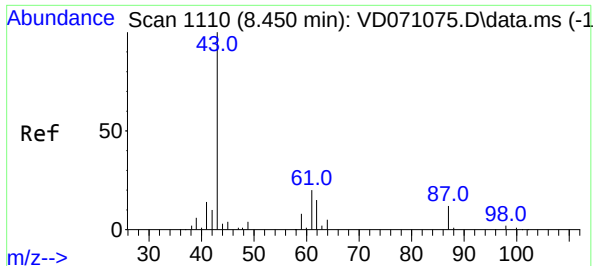


#38
Carbon Tetrachloride
Concen: 7.063 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21



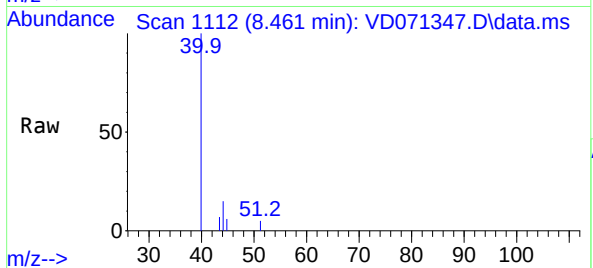
Tgt Ion: 117 Resp: 34264
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 23.6 35.4#



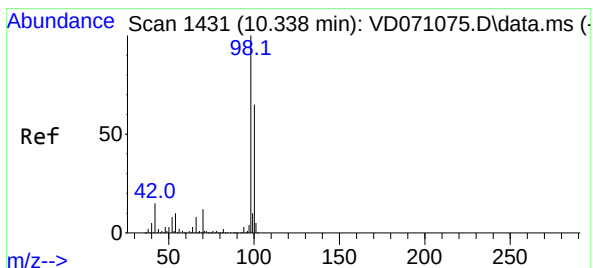
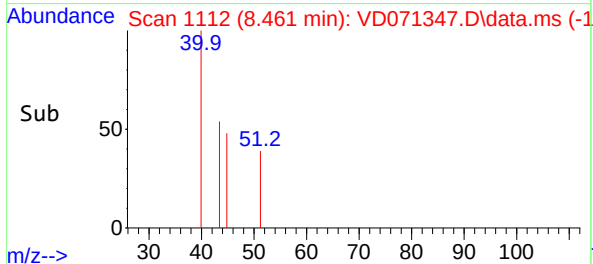
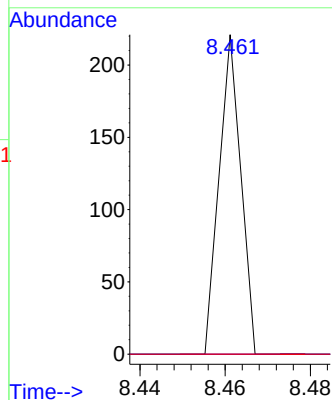


#43
Isopropyl Acetate
Concen: 5.238 ug/l
RT: 8.461 min Scan# 1112
Delta R.T. 0.011 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :

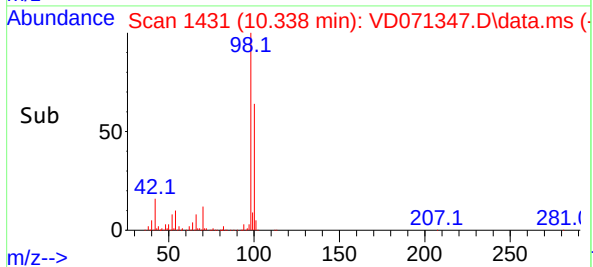
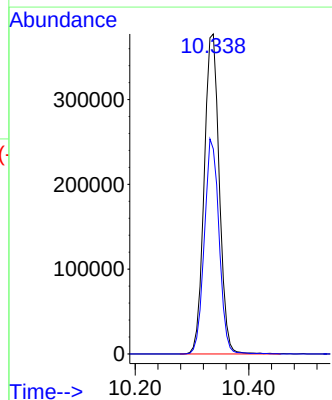
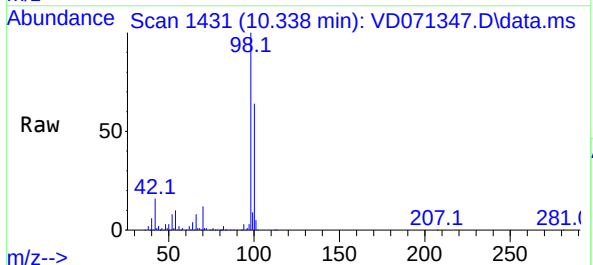


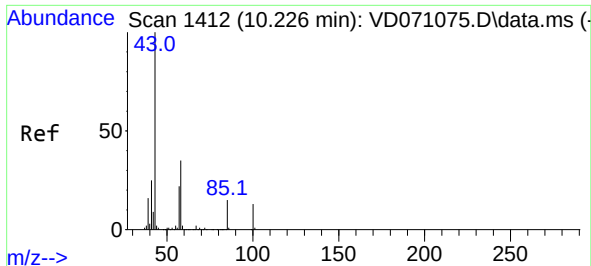
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 54.364 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Tgt Ion: 98 Resp: 693668
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

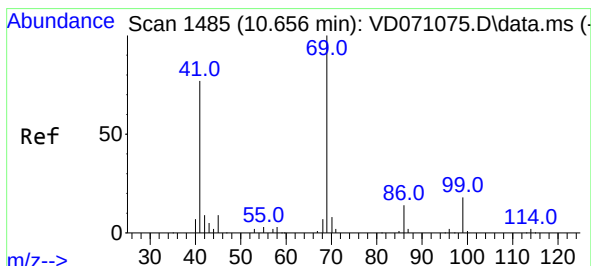
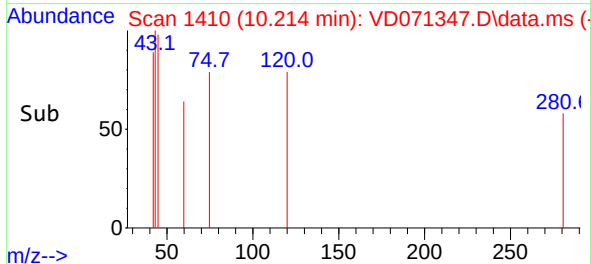
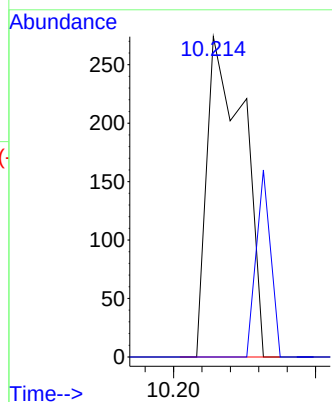
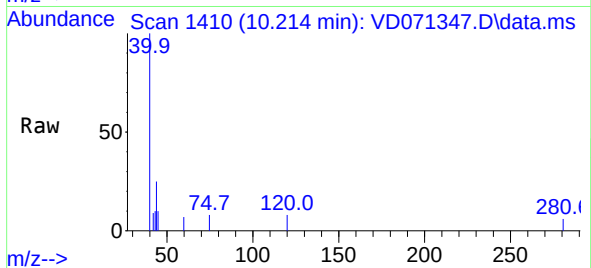




#51
4-Methyl-2-Pentanone
Concen: 30.742 ug/l
RT: 10.214 min Scan# 1412
Delta R.T. -0.012 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

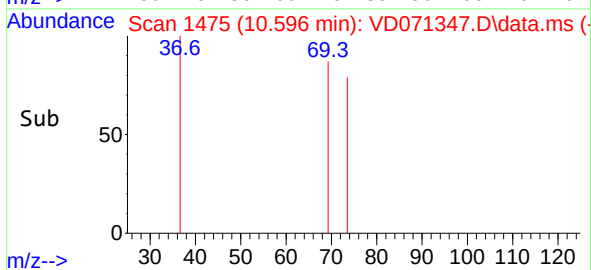
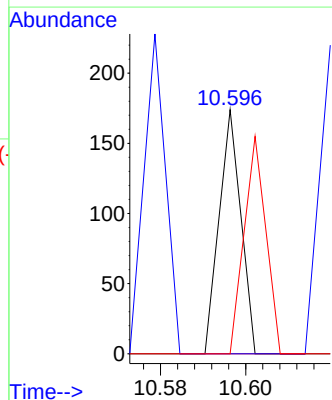
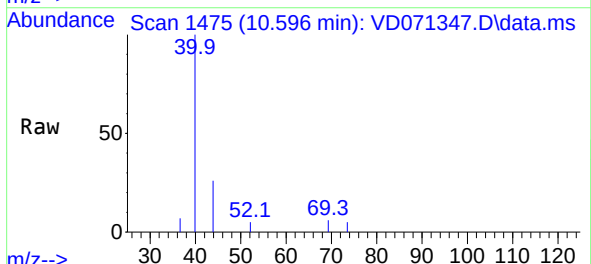
Instrument :
MSVOA_D
ClientSampleId :

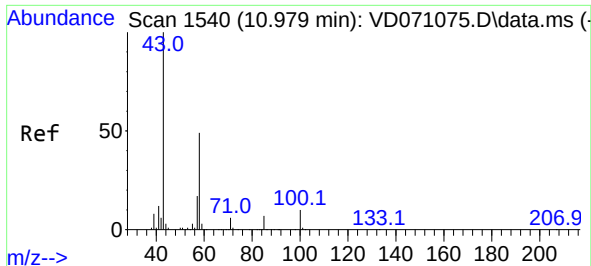
Tgt Ion: 43 Resp: 246
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#



#56
Ethyl methacrylate
Concen: 5.986 ug/l
RT: 10.596 min Scan# 1475
Delta R.T. -0.060 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

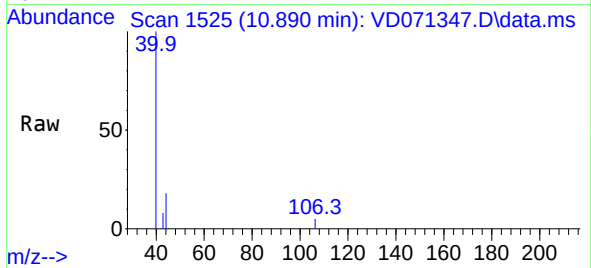
Tgt Ion: 69 Resp: 61
Ion Ratio Lower Upper
69 100
41 0.0 50.2 75.2#
39 90.2 19.8 29.8#



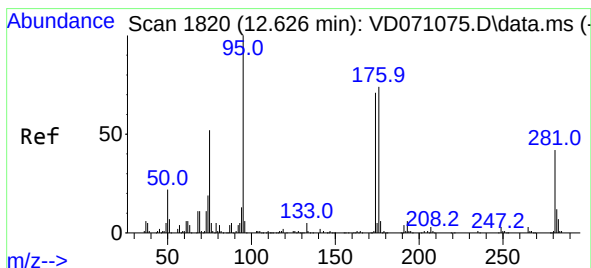
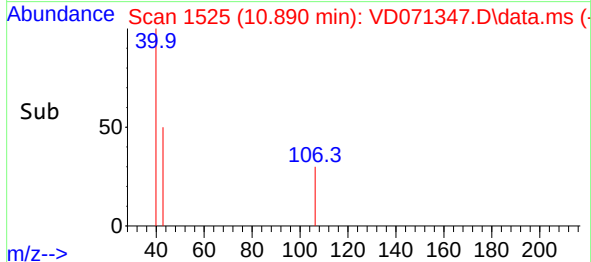
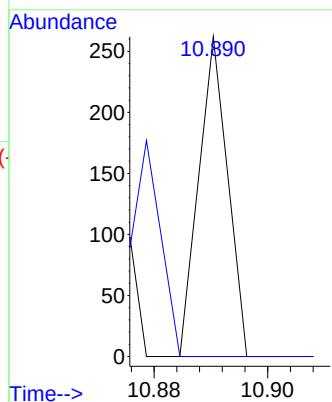


#59
2-Hexanone
Concen: 34.618 ug/l
RT: 10.890 min Scan# 11
Delta R.T. -0.089 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :

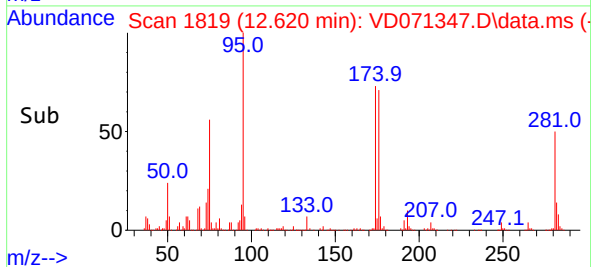
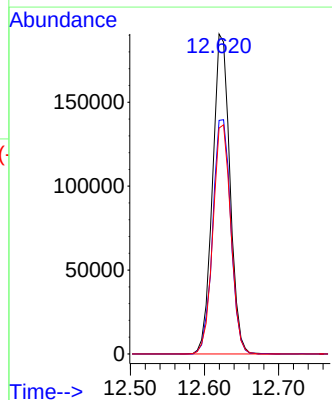
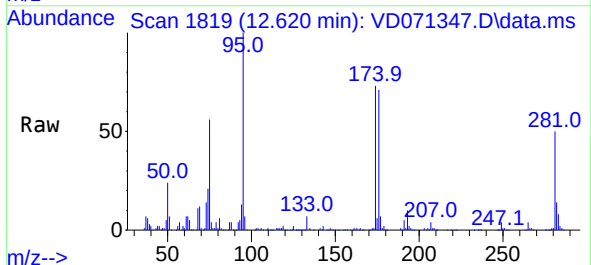


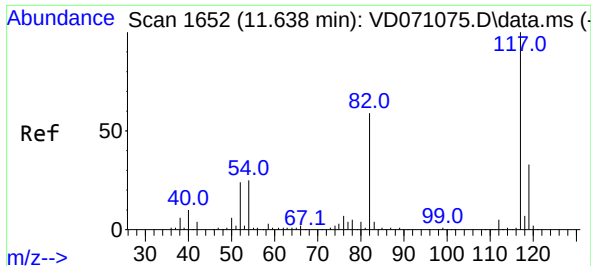
Tgt Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
58 67.4 28.7 86.1



#62
4-Bromofluorobenzene
Concen: 70.032 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Tgt Ion: 95 Resp: 309748
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 73.7 0.0 154.0

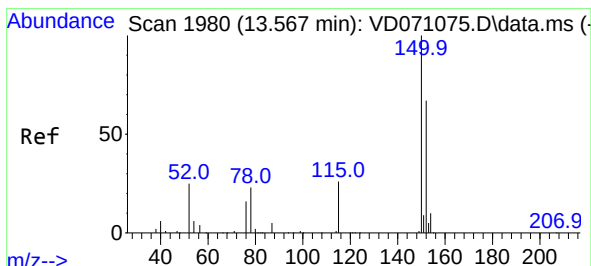
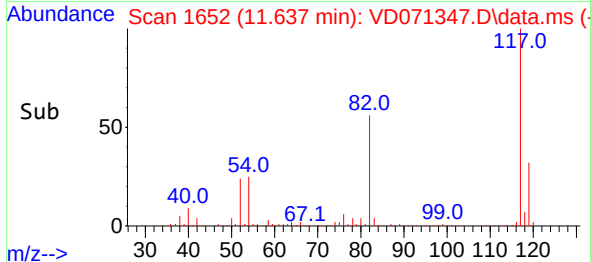
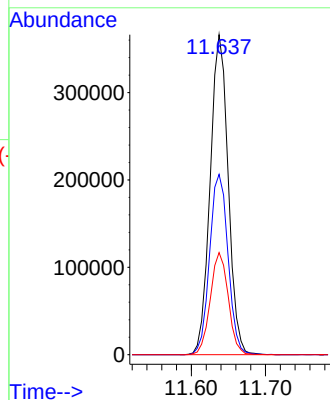
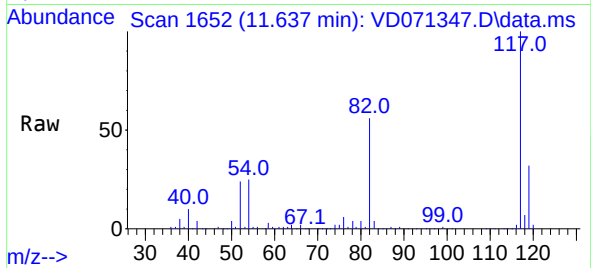




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

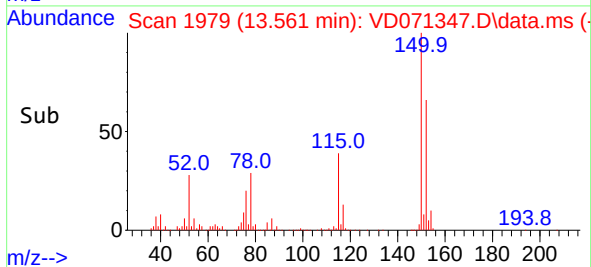
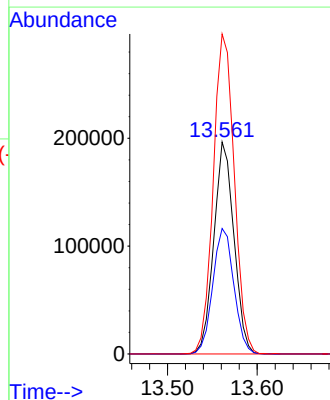
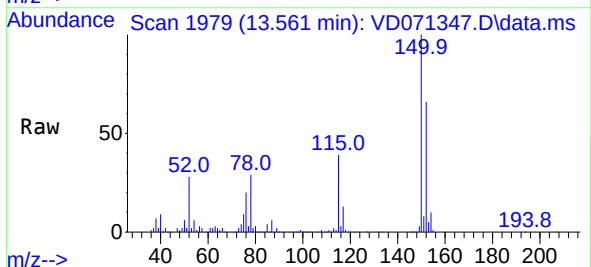
Instrument :
MSVOA_D
ClientSampleId :

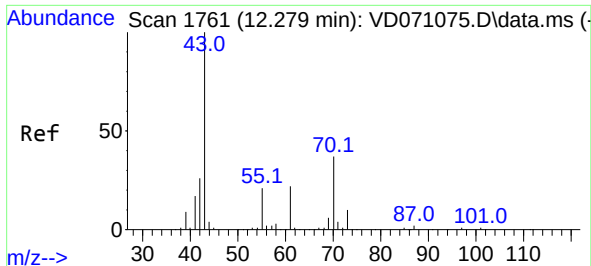
Tgt Ion:117 Resp: 618224
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Tgt Ion:152 Resp: 306097
Ion Ratio Lower Upper
152 100
115 62.2 29.8 89.3
150 157.7 0.0 349.2

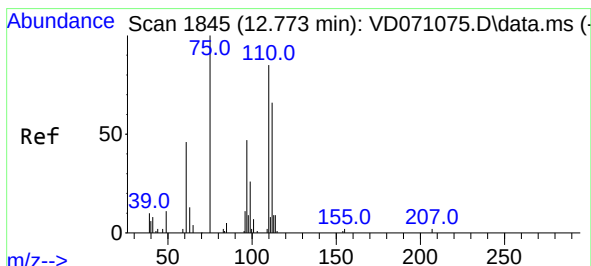
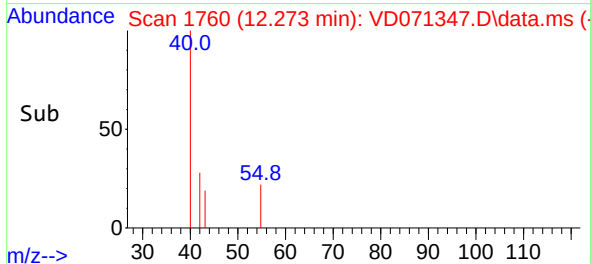
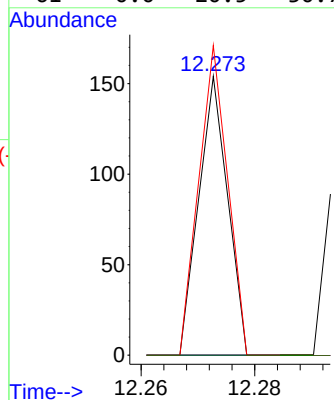
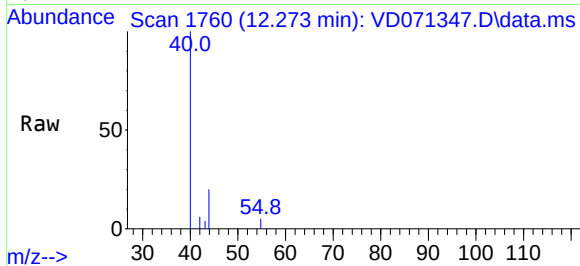




#74
N-amy1 acetate
Concen: 5.709 ug/l
RT: 12.273 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

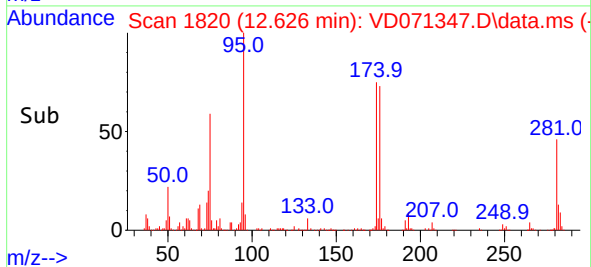
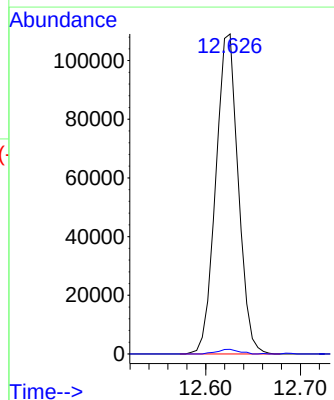
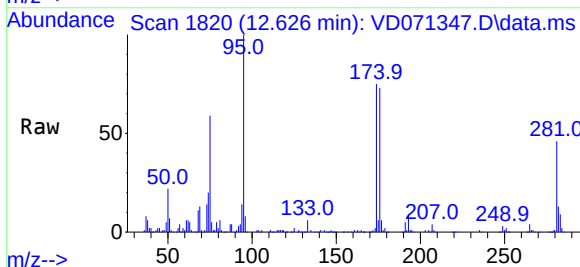
Instrument :
MSVOA_D
ClientSampleId :

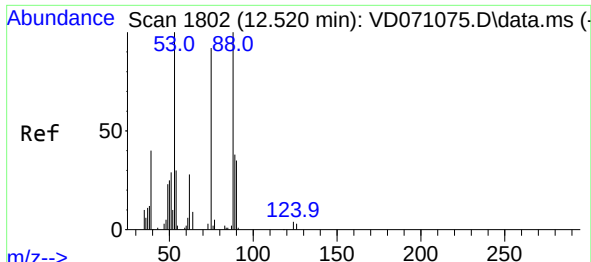
Tgt Ion: 43	Resp: 54
Ion Ratio	Lower Upper
43 100	
70 0.0	36.6 55.0#
55 111.1	22.5 33.7#
61 0.0	20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 61.652 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

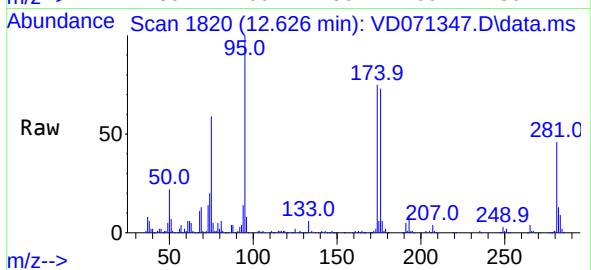
Tgt Ion: 75	Resp: 179798
Ion Ratio	Lower Upper
75 100	
77 1.4	158.4 475.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.321 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD071347.D
Acq: 15 Dec 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 179798
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.3 34.5 51.7#

