

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070969.D
 Acq On : 10 Nov 2021 14:44
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 11 06:29:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

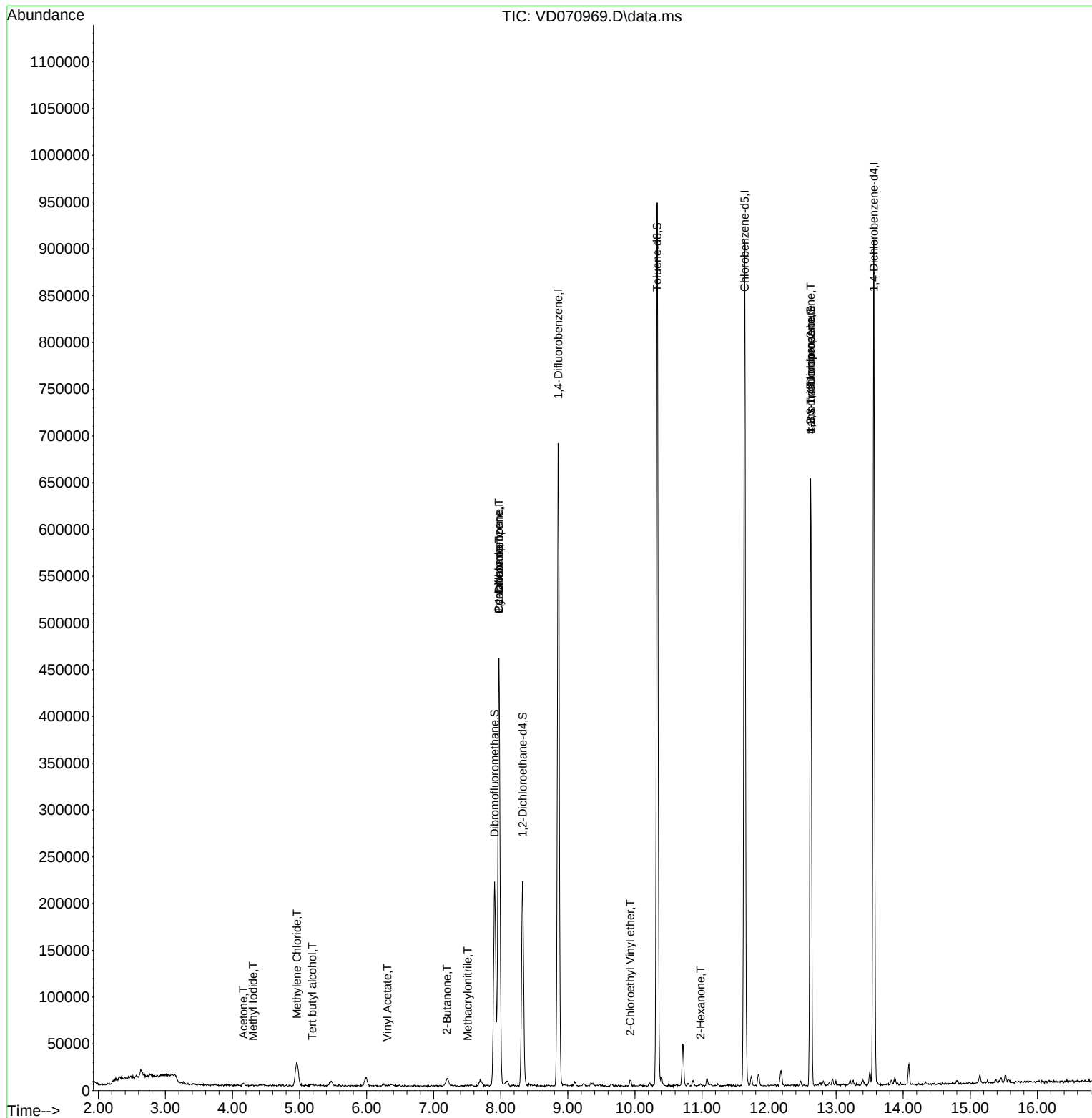
Internal Standards						
1) Pentafluorobenzene	7.973	168	328754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	564953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	497241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	222063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165300	47.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.460%
35) Dibromofluoromethane	7.908	113	152142	47.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.332	98	608942	48.775	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.620	95	205934	45.812	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.620%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.308	142	428	6.121	ug/l #	57
11) Tert butyl alcohol	5.191	59	515	2.013	ug/l #	93
13) Acrolein	3.926	56	65	Below Cal	#	1
16) Acetone	4.161	43	2109	21.850	ug/l #	65
20) Methylene Chloride	4.961	84	18402	4.236	ug/l	91
23) Vinyl Acetate	6.308	43	661	21.070	ug/l #	72
25) 2-Butanone	7.197	43	501	20.744	ug/l #	45
31) Cyclohexane	7.973	56	9573	1.330	ug/l #	26
36) 1,1-Dichloropropene	7.973	75	28678	5.685	ug/l #	48
41) Methacrylonitrile	7.508	41	304	3.673	ug/l #	52
58) 2-Chloroethyl Vinyl ether	9.932	63	2696	1.458	ug/l #	86
59) 2-Hexanone	10.979	43	1552	16.722	ug/l	82
76) 1,2,3-Trichloropropane	12.620	75	109660	57.811	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	109660	107.245	ug/l #	18

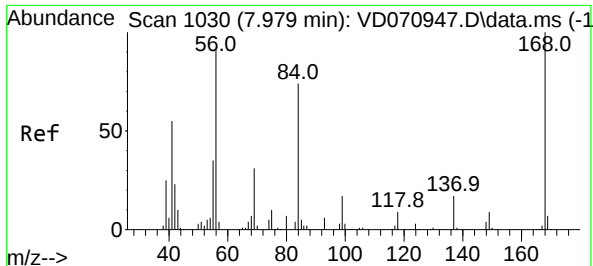
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
Data File : VD070969.D
Acq On : 10 Nov 2021 14:44
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

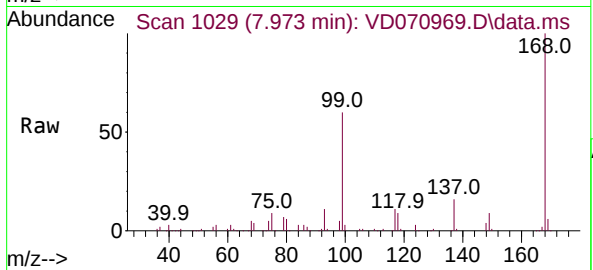
Quant Time: Nov 11 06:29:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



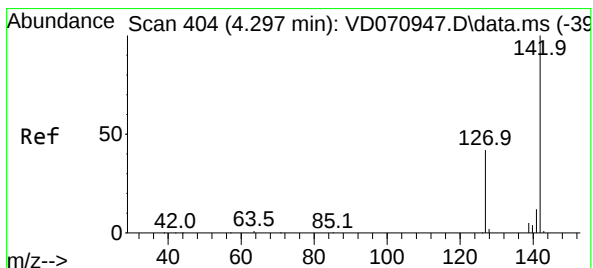
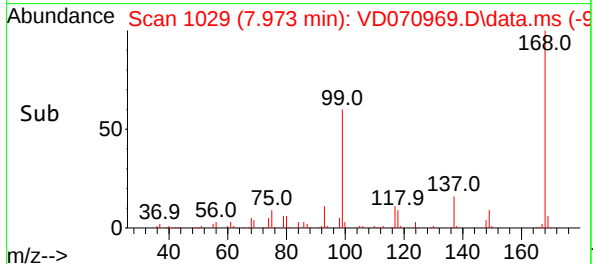
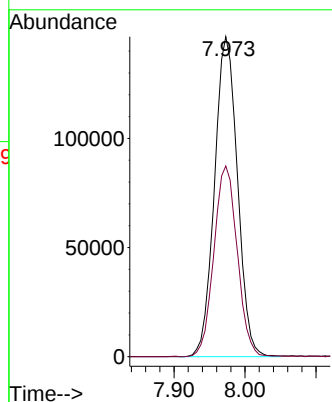


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :

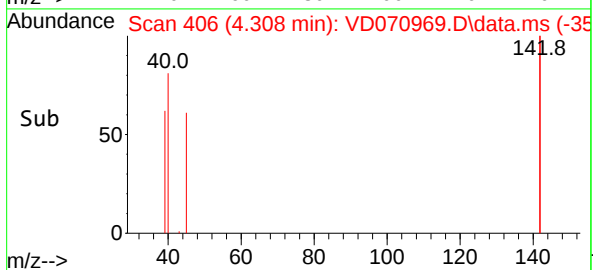
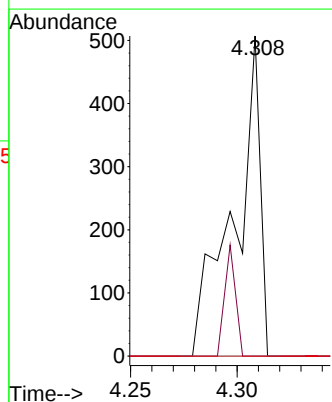
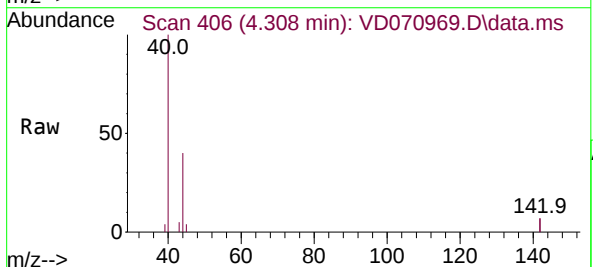


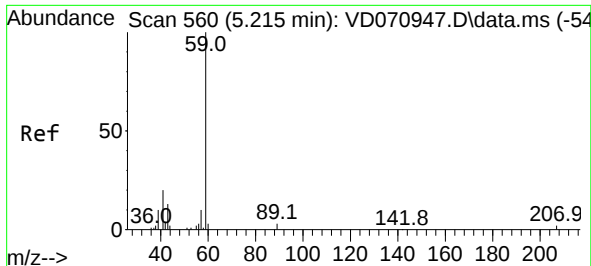
Tgt Ion:168 Resp: 328754
Ion Ratio Lower Upper
168 100
99 59.6 46.6 69.8



#10
Methyl Iodide
Concen: 6.121 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.011 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

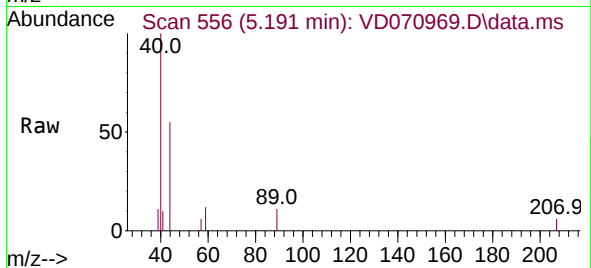
Tgt Ion:142 Resp: 428
Ion Ratio Lower Upper
142 100
127 14.5 35.0 52.4#
141 0.0 12.0 18.0#



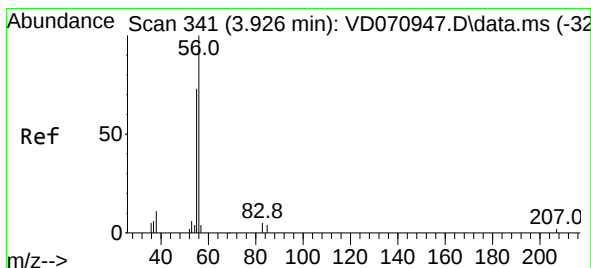
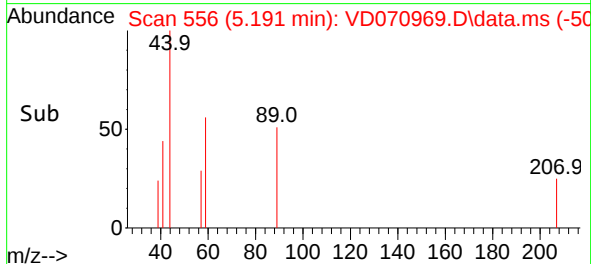
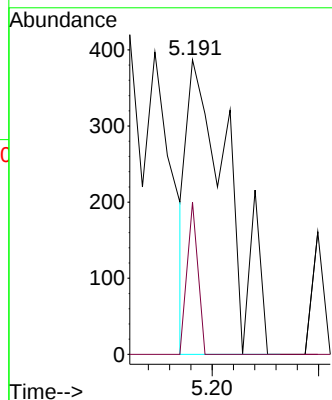


#11
Tert butyl alcohol
Concen: 2.013 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :

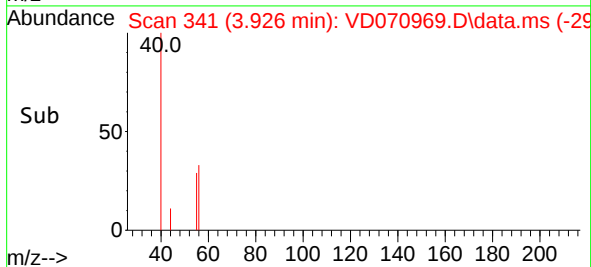
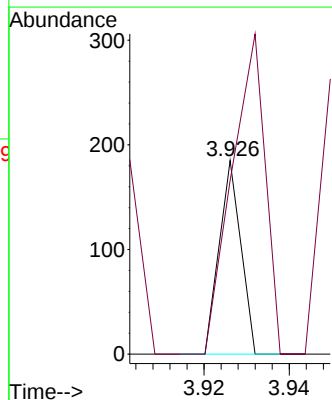
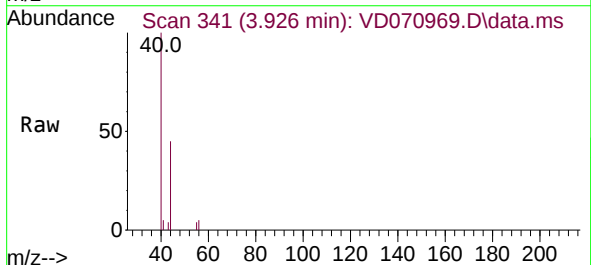


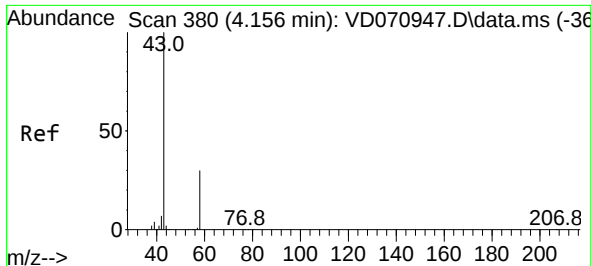
Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 13.8 9.0 13.4#



#13
Acrolein
Concen: Below Cal
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 256.9 58.6 87.8#

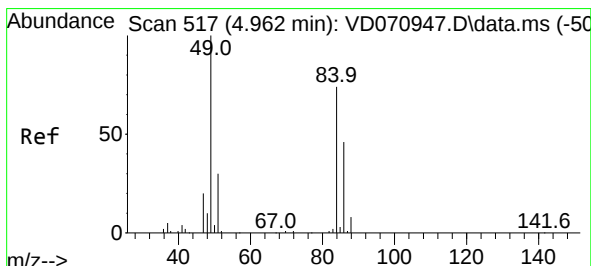
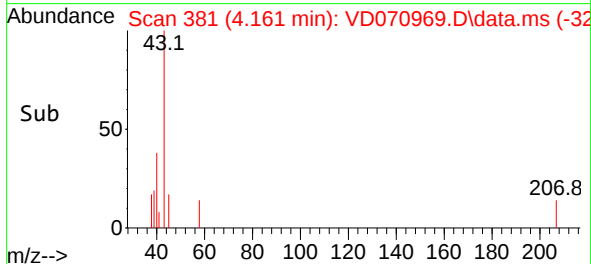
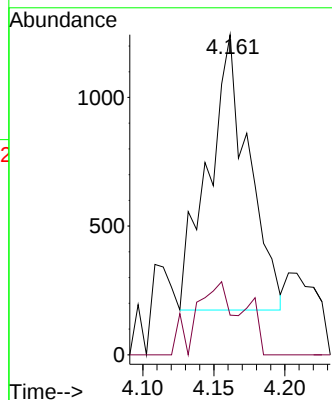
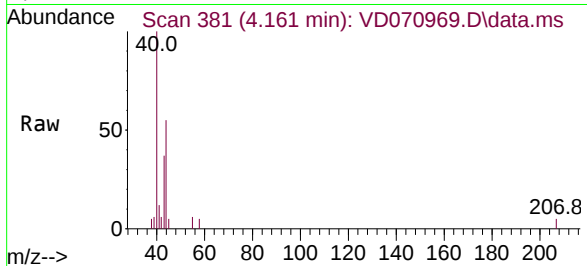




#16
Acetone
Concen: 21.850 ug/l
RT: 4.161 min Scan# 380
Delta R.T. 0.005 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

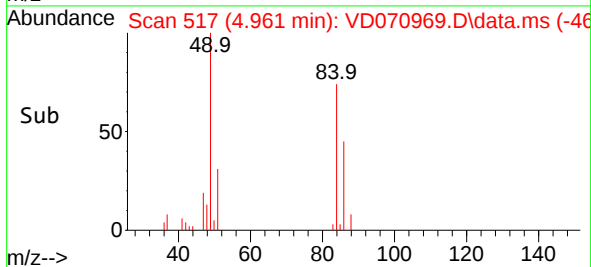
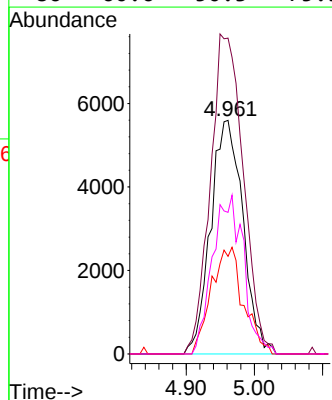
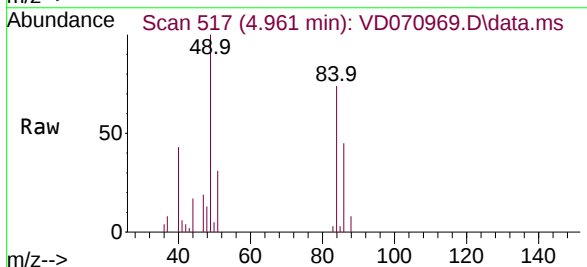
Instrument :
MSVOA_D
ClientSampleId :

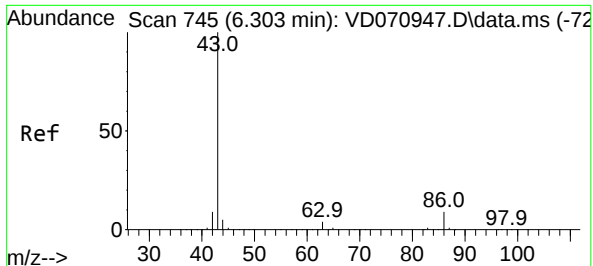
Tgt Ion: 43 Resp: 2109
Ion Ratio Lower Upper
43 100
58 14.4 27.8 41.8#



#20
Methylene Chloride
Concen: 4.236 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

Tgt Ion: 84 Resp: 18402
Ion Ratio Lower Upper
84 100
49 135.2 95.8 143.6
51 41.8 30.9 46.3
86 60.6 50.3 75.5

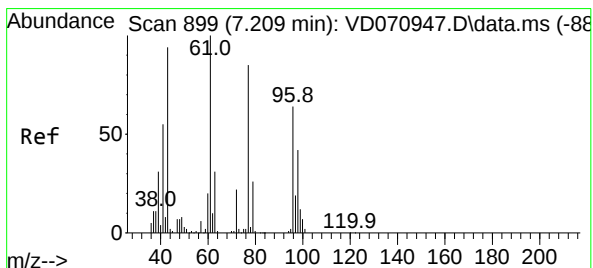
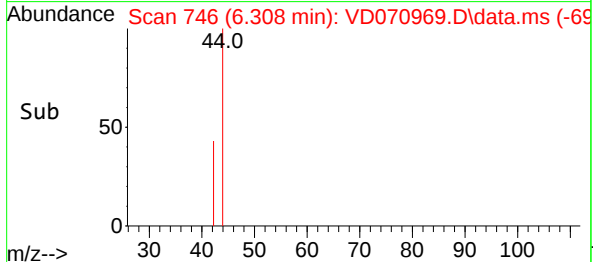
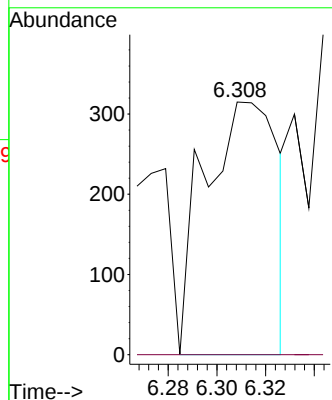
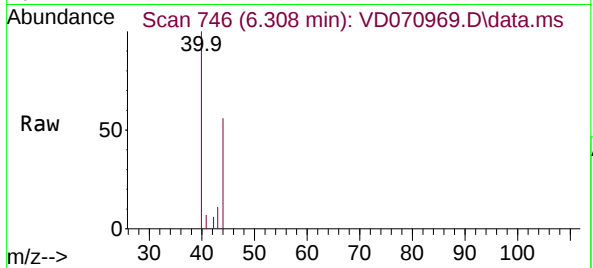




#23
 Vinyl Acetate
 Concen: 21.070 ug/l
 RT: 6.308 min Scan# 745
 Delta R.T. 0.005 min
 Lab File: VD070969.D
 Acq: 10 Nov 2021 14:44

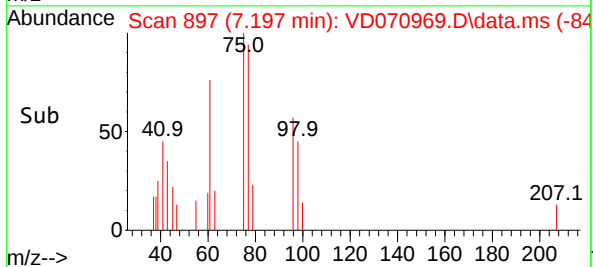
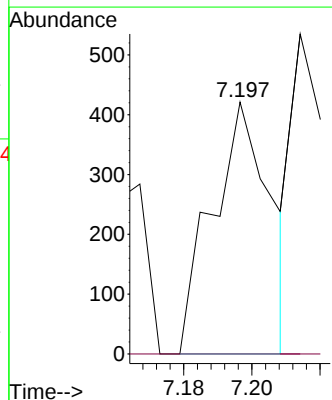
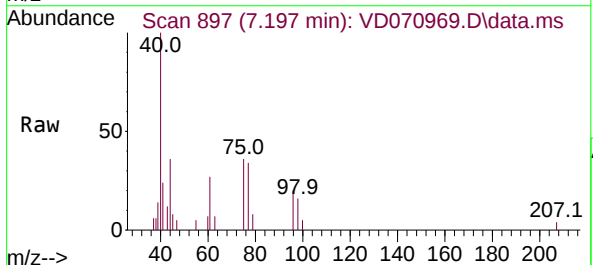
Instrument :
 MSVOA_D
 ClientSampleId :

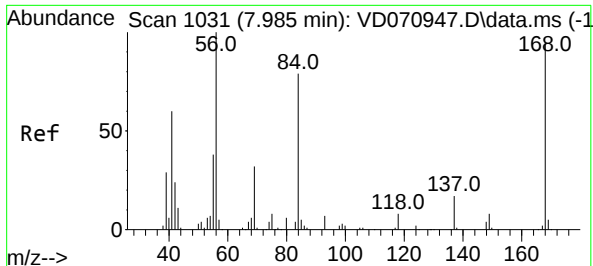
Tgt Ion: 43 Resp: 661
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 20.744 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.012 min
 Lab File: VD070969.D
 Acq: 10 Nov 2021 14:44

Tgt Ion: 43 Resp: 501
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#





#31

Cyclohexane

Concen: 1.330 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD070969.D

Acq: 10 Nov 2021 14:44

Instrument :

MSVOA_D

ClientSampleId :

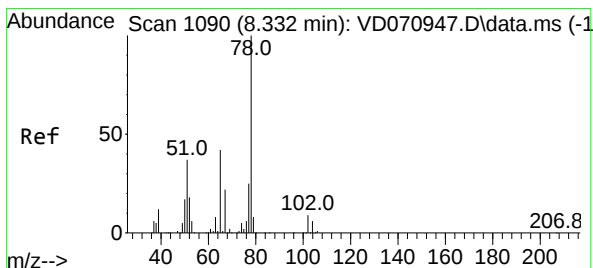
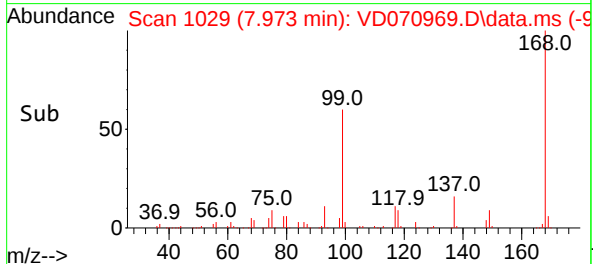
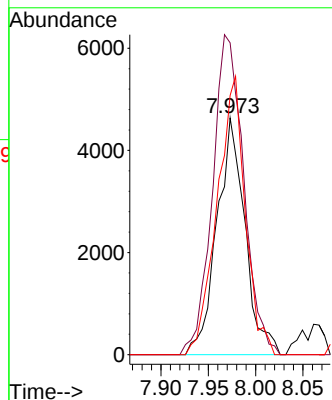
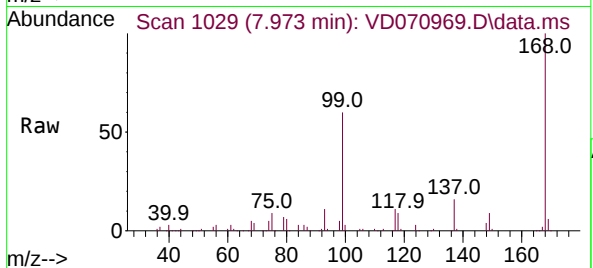
Tgt Ion: 56 Resp: 9573

Ion Ratio Lower Upper

56 100

69 131.7 25.9 38.9#

84 109.4 64.3 96.5#



#33

1,2-Dichloroethane-d4

Concen: 47.225 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD070969.D

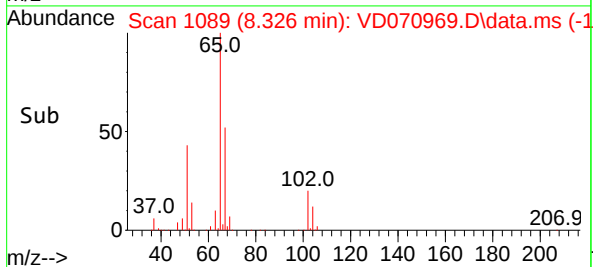
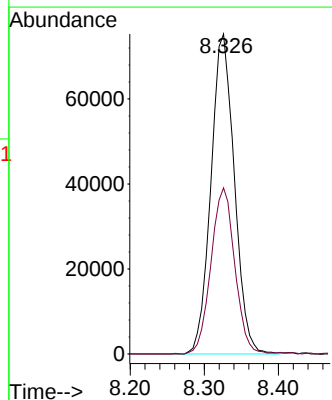
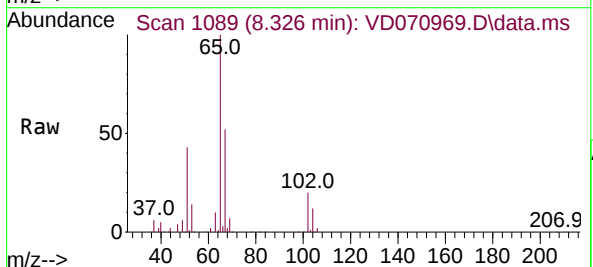
Acq: 10 Nov 2021 14:44

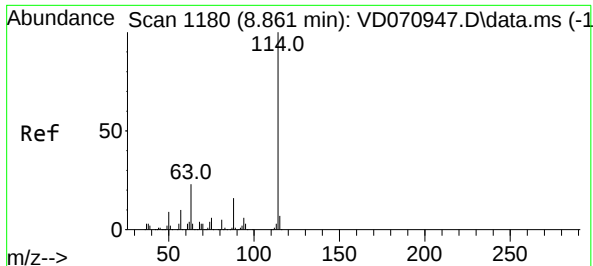
Tgt Ion: 65 Resp: 165300

Ion Ratio Lower Upper

65 100

67 52.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD070969.D

Acq: 10 Nov 2021 14:44

Instrument :

MSVOA_D

ClientSampleId :

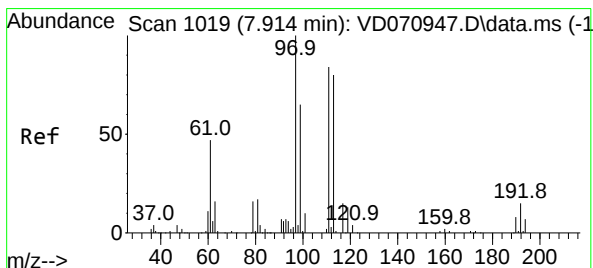
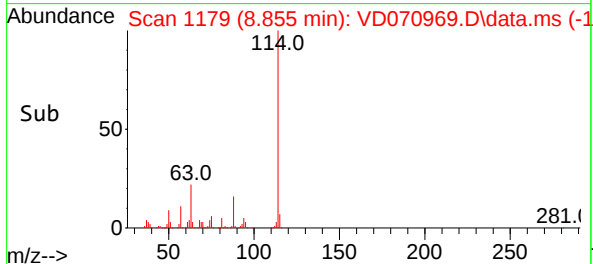
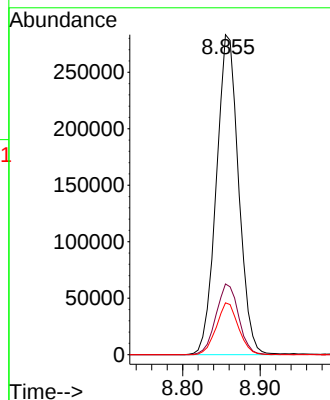
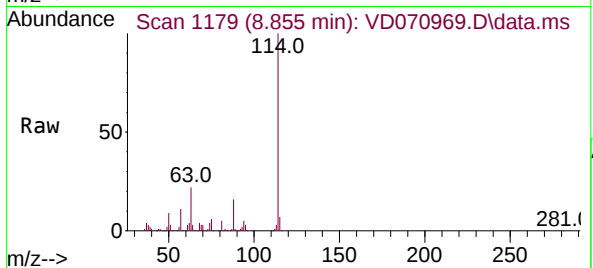
Tgt Ion:114 Resp: 564953

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.725 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070969.D

Acq: 10 Nov 2021 14:44

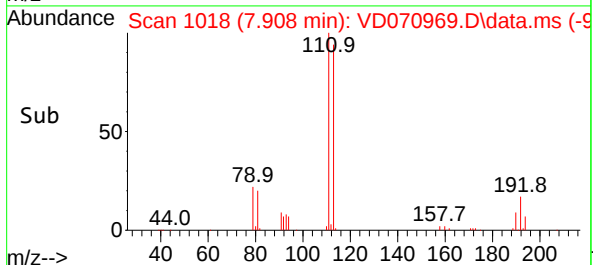
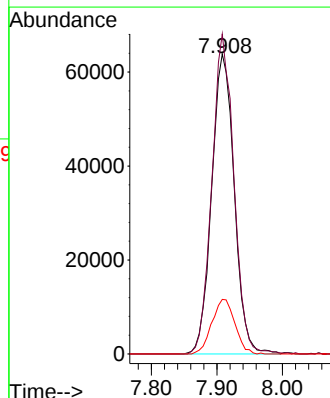
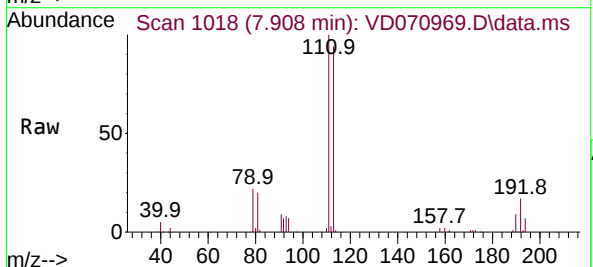
Tgt Ion:113 Resp: 152142

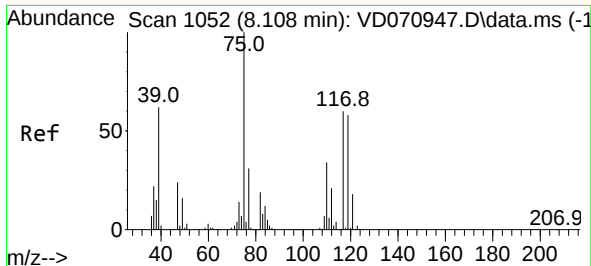
Ion Ratio Lower Upper

113 100

111 104.1 82.0 123.0

192 18.6 15.2 22.8





#36

1,1-Dichloropropene

Concen: 5.685 ug/l

RT: 7.973 min Scan# 1

Delta R.T. -0.135 min

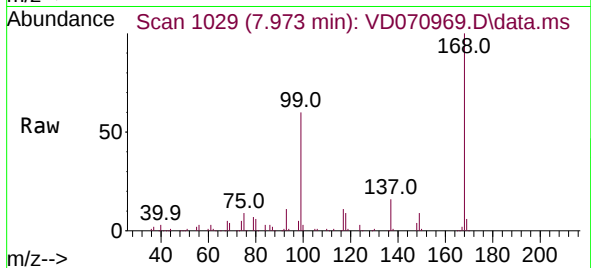
Lab File: VD070969.D

Acq: 10 Nov 2021 14:44

Instrument :

MSVOA_D

ClientSampleId :



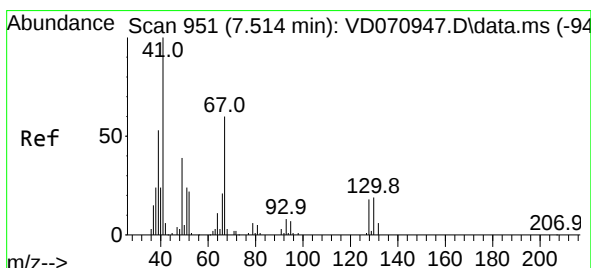
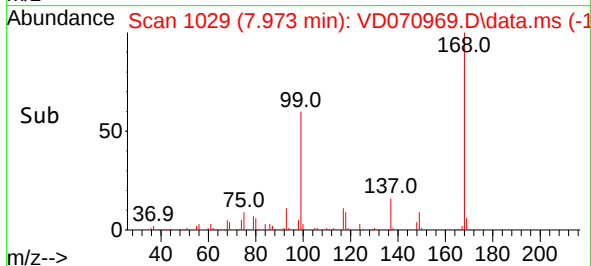
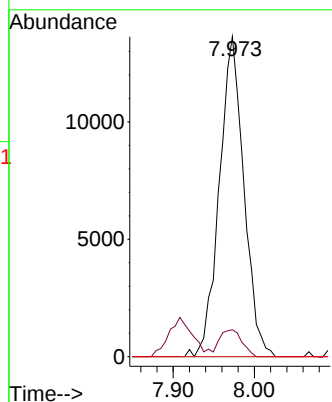
Tgt Ion: 75 Resp: 28678

Ion Ratio Lower Upper

75 100

110 7.5 17.8 53.4#

77 0.0 24.8 37.2#



#41

Methacrylonitrile

Concen: 3.673 ug/l

RT: 7.508 min Scan# 950

Delta R.T. -0.006 min

Lab File: VD070969.D

Acq: 10 Nov 2021 14:44

Tgt Ion: 41 Resp: 304

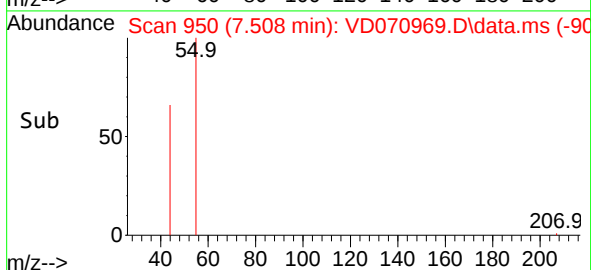
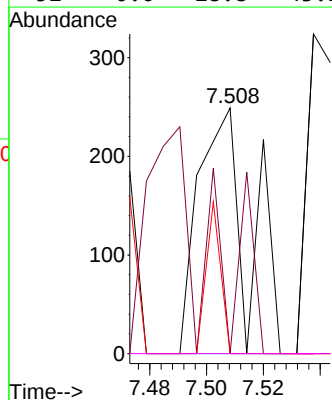
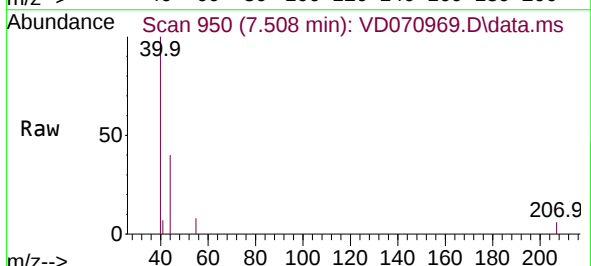
Ion Ratio Lower Upper

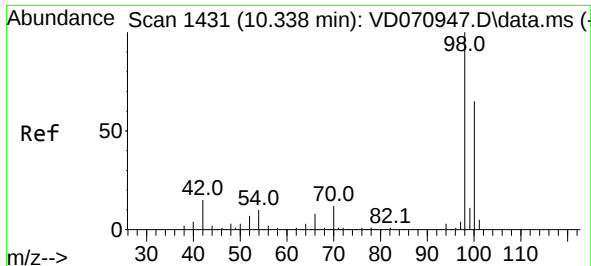
41 100

39 71.4 60.2 90.4

67 17.8 74.8 112.2#

52 0.0 28.8 43.2#

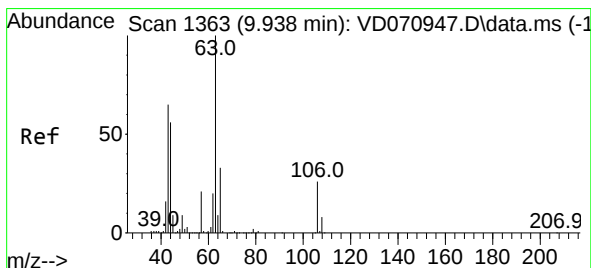
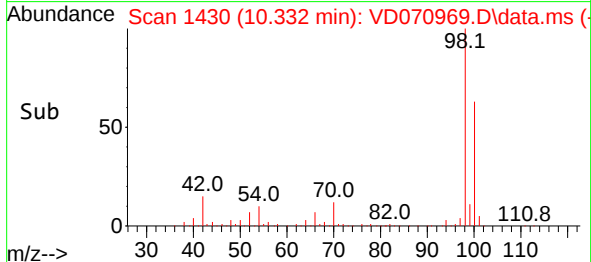
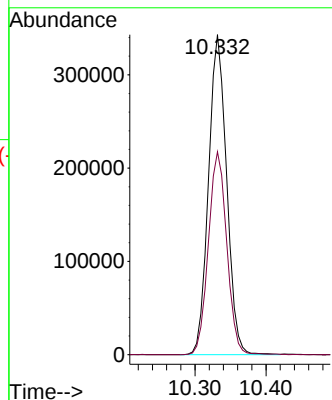
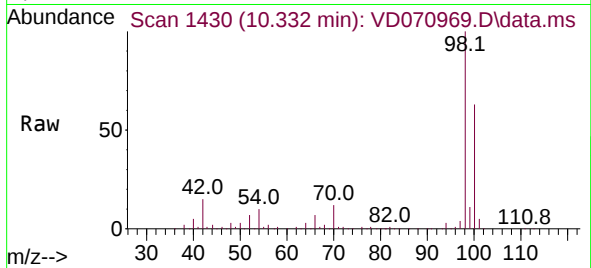




#50
Toluene-d8
Concen: 48.775 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

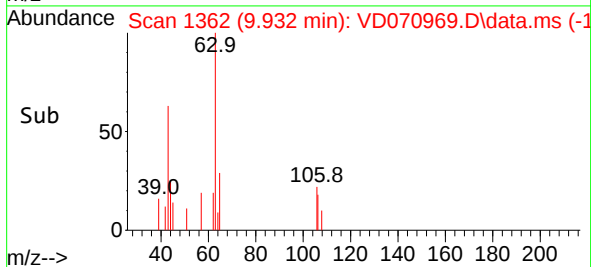
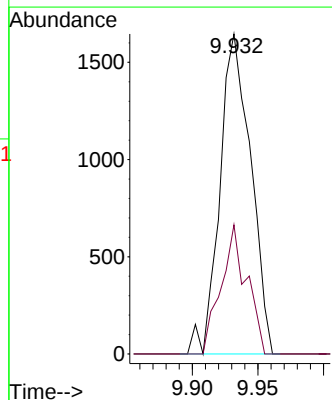
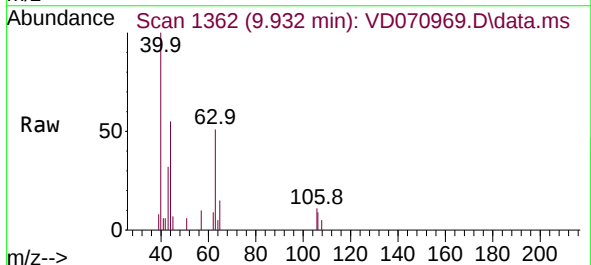
Instrument :
MSVOA_D
ClientSampleId :

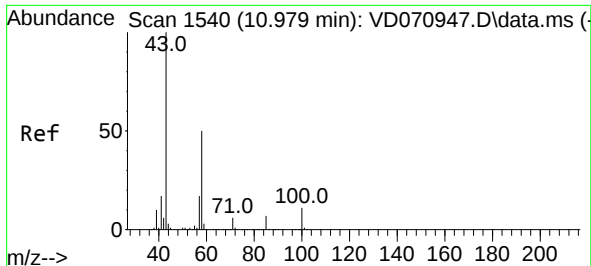
Tgt Ion: 98 Resp: 608942
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 1.458 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

Tgt Ion: 63 Resp: 2696
Ion Ratio Lower Upper
63 100
106 33.6 21.0 31.4#

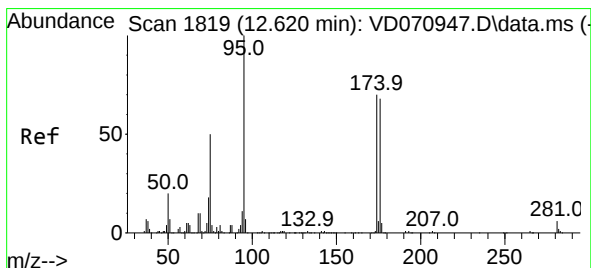
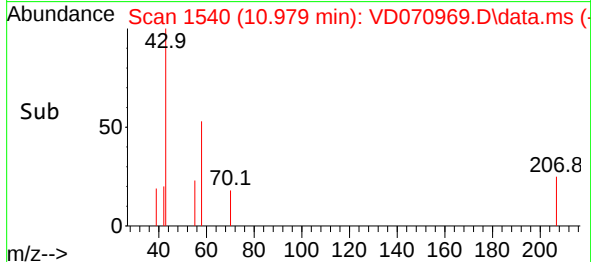
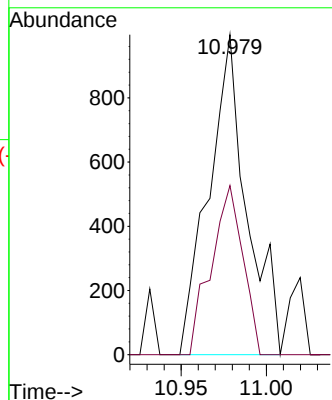
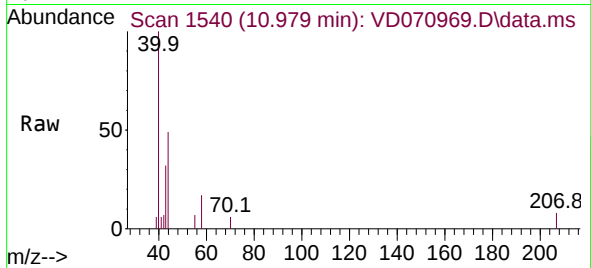




#59
2-Hexanone
Concen: 16.722 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

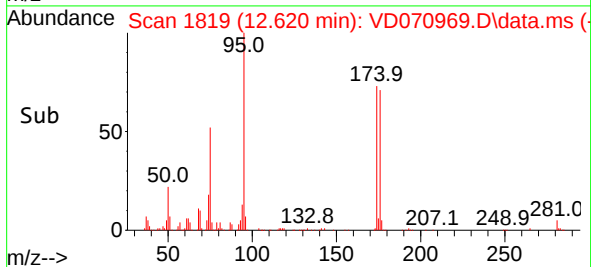
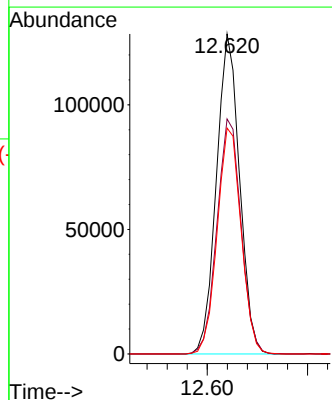
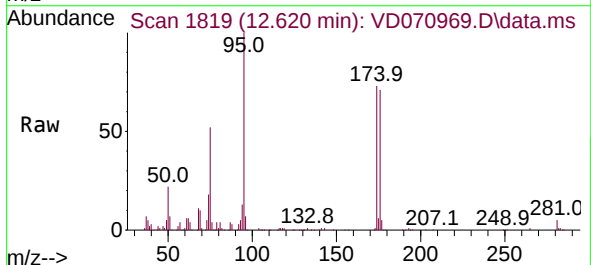
Instrument :
MSVOA_D
ClientSampleId :

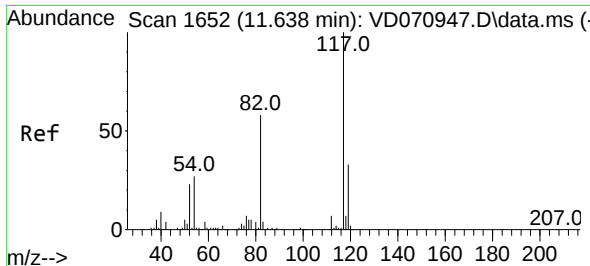
Tgt Ion: 43 Resp: 1552
Ion Ratio Lower Upper
43 100
58 44.1 28.7 86.1



#62
4-Bromofluorobenzene
Concen: 45.812 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

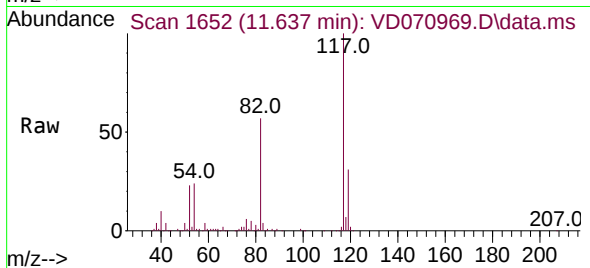
Tgt Ion: 95 Resp: 205934
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.4
176 72.7 0.0 154.0



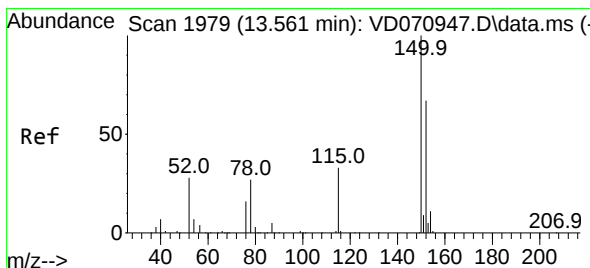
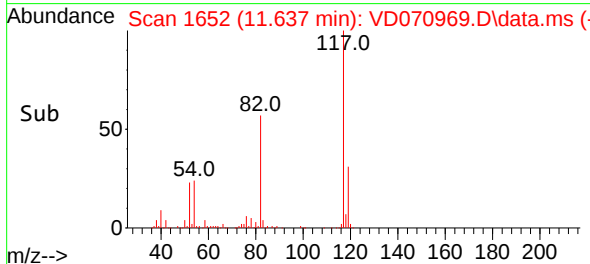
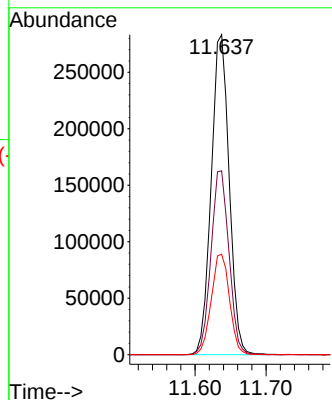


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :

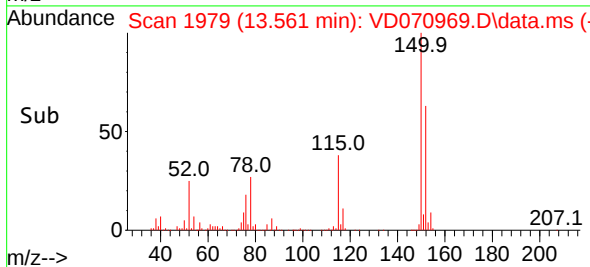
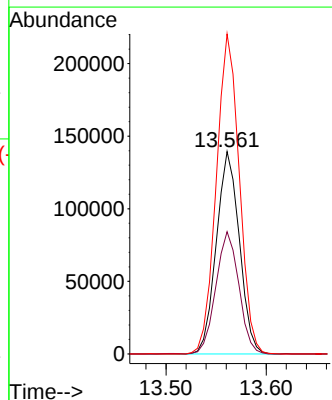
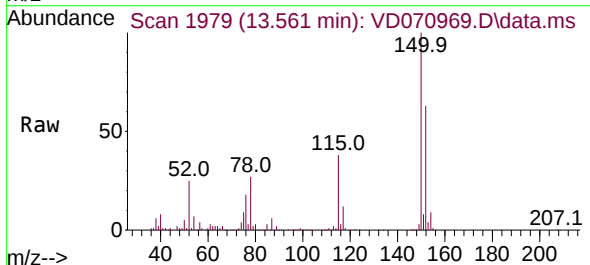


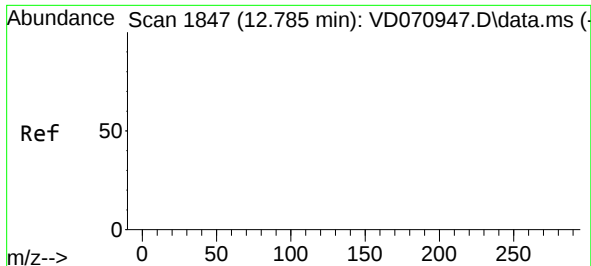
Tgt Ion:117 Resp: 497241
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 31.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

Tgt Ion:152 Resp: 222063
Ion Ratio Lower Upper
152 100
115 60.2 29.8 89.3
150 157.8 0.0 349.2

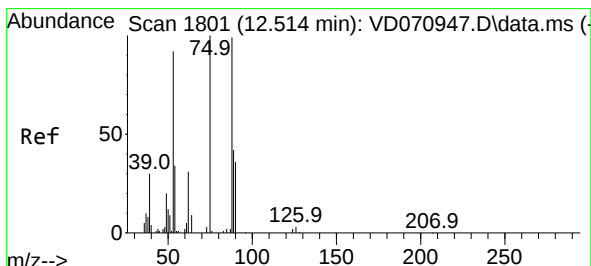
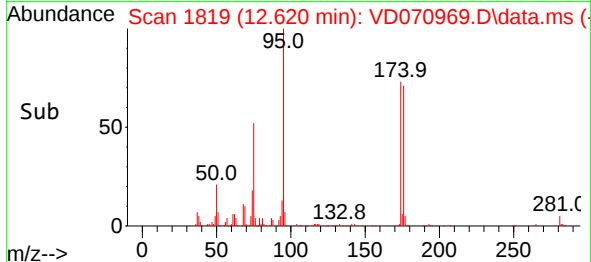
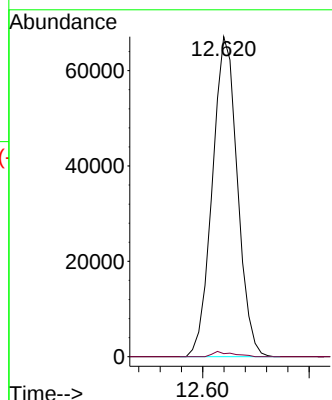
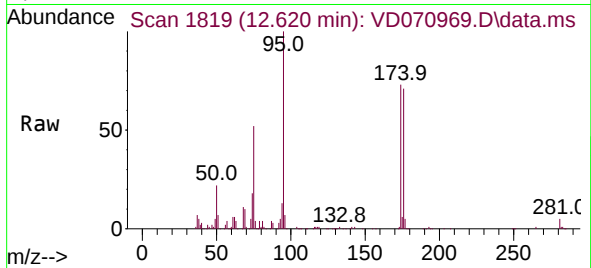




#76
1,2,3-Trichloropropane
Concen: 57.811 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.165 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 109660
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.245 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD070969.D
Acq: 10 Nov 2021 14:44

Tgt Ion: 75 Resp: 109660
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 34.5 51.7#

