

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020122\
 Data File : VD071869.D
 Acq On : 01 Feb 2022 13:46
 Operator : VA/SY
 Sample : N1340-06
 Misc : 7.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6(1.5-2)

Quant Time: Feb 02 07:06:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

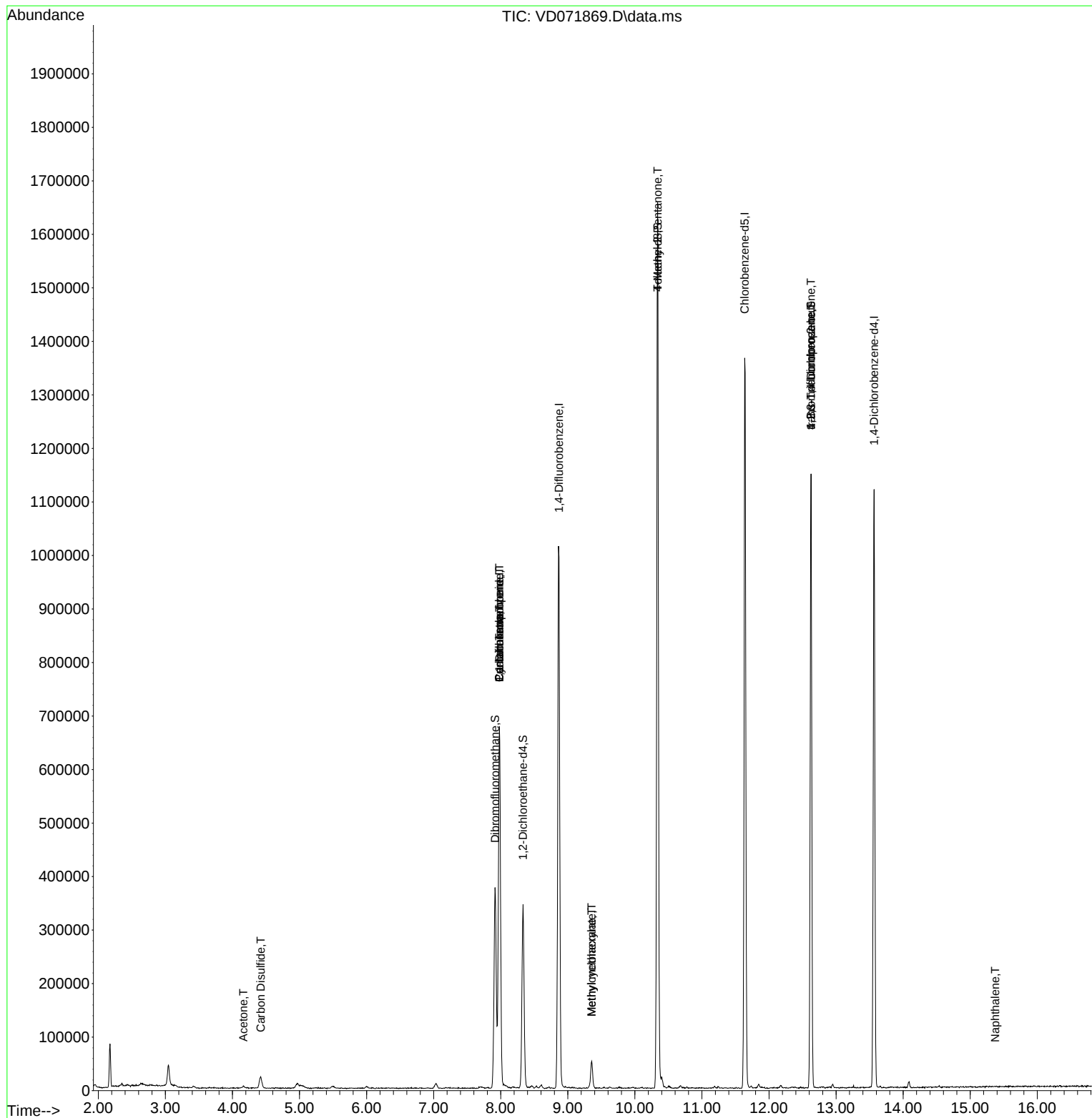
Internal Standards						
1) Pentafluorobenzene	7.979	168	447079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	824293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	739957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	279106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	270569	47.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.760%
35) Dibromofluoromethane	7.914	113	264072	48.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.480%
50) Toluene-d8	10.338	98	1053375	52.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.626	95	306271	43.341	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.379	59	63	Below Cal	#	74
16) Acetone	4.162	43	5022	3.247	ug/l #	76
17) Carbon Disulfide	4.420	76	42924	2.506	ug/l	96
20) Methylene Chloride	4.973	84	3782	Below Cal	#	71
31) Cyclohexane	7.979	56	21248	1.970	ug/l #	35
36) 1,1-Dichloropropene	7.979	75	42285	4.547	ug/l #	52
38) Carbon Tetrachloride	7.979	117	52219	5.678	ug/l #	17
39) Methylcyclohexane	9.355	83	17758	1.648	ug/l	91
48) Methyl methacrylate	9.355	41	11151	2.711	ug/l #	75
51) 4-Methyl-2-Pentanone	10.338	43	5821	1.431	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	175932	59.812	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	175932	147.063	ug/l #	7
95) Naphthalene	15.373	128	1132	1.567	ug/l #	70

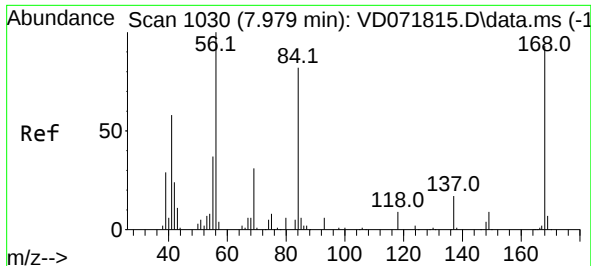
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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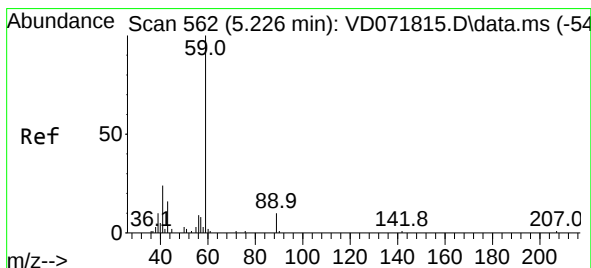
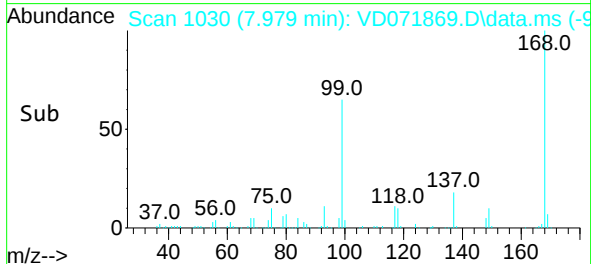
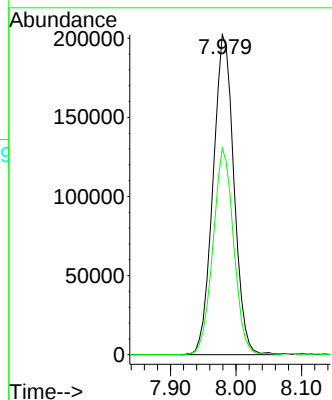
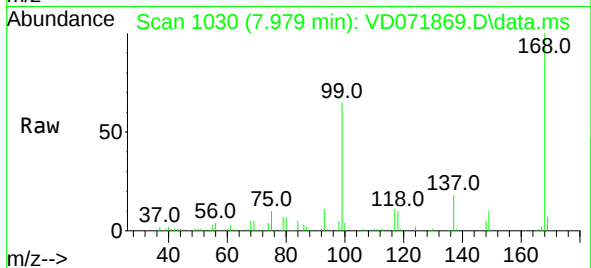




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

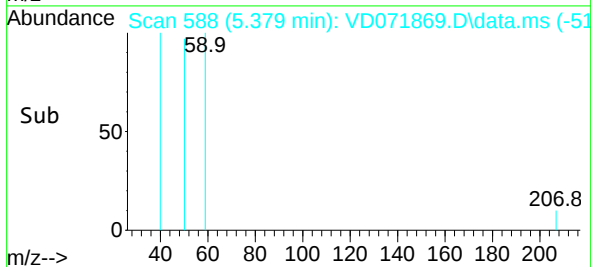
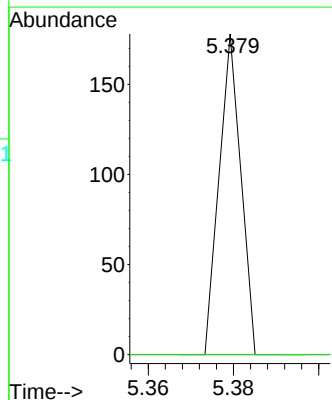
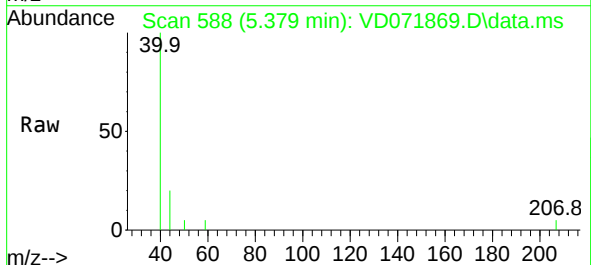
Instrument :
MSVOA_D
ClientSampleId :
SB-6(1.5-2)

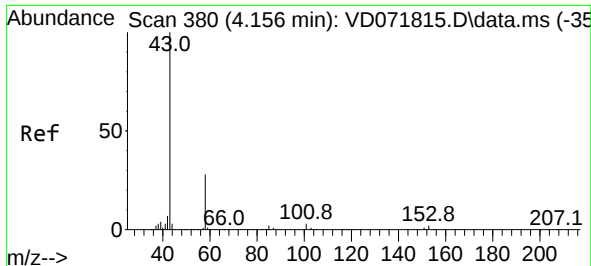
Tgt Ion:168 Resp: 447079
Ion Ratio Lower Upper
168 100
99 64.5 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.379 min Scan# 588
Delta R.T. 0.159 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

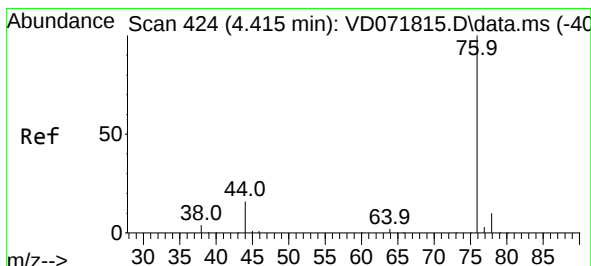
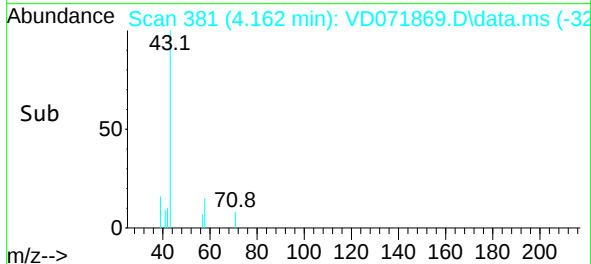
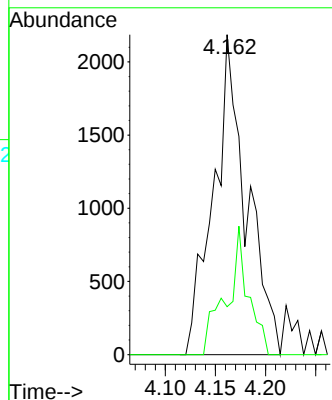
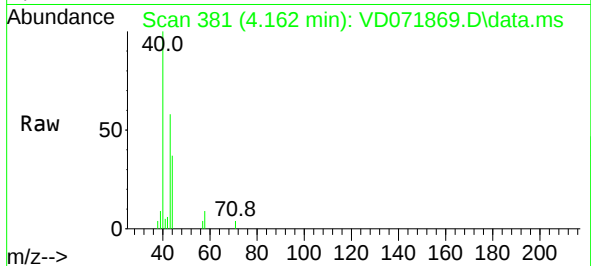




#16
Acetone
Concen: 3.247 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

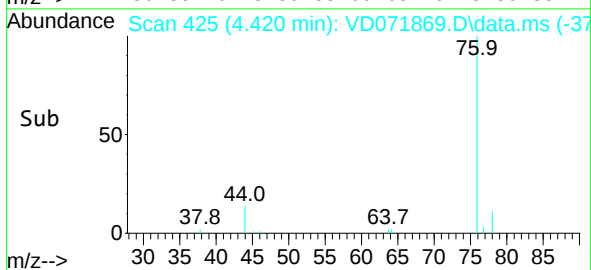
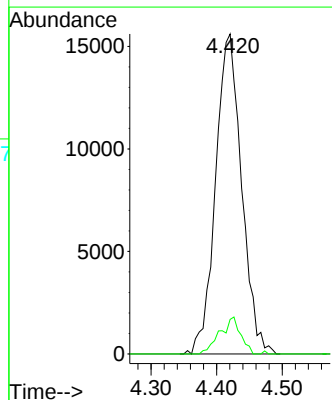
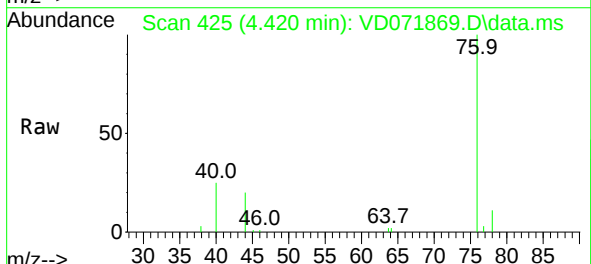
Instrument :
MSVOA_D
ClientSampleId :
SB-6(1.5-2)

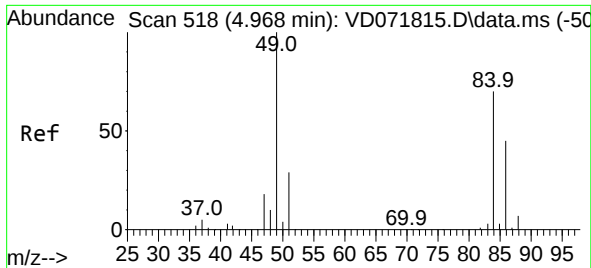
Tgt Ion: 43 Resp: 5022
Ion Ratio Lower Upper
43 100
58 15.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.506 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.006 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

Tgt Ion: 76 Resp: 42924
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3

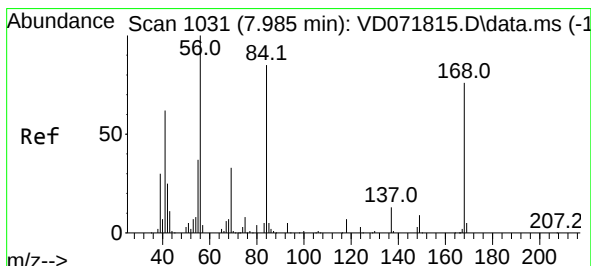
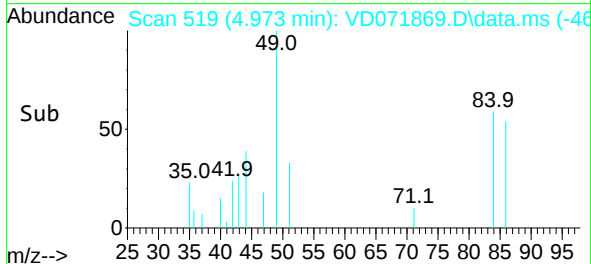
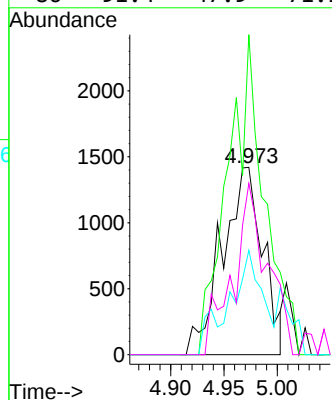
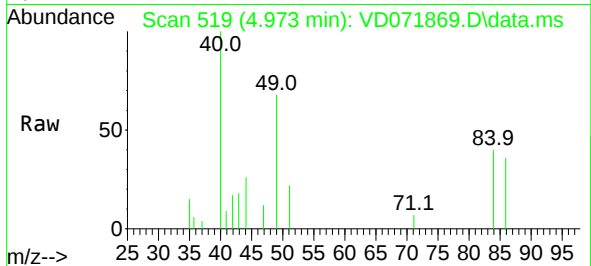




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

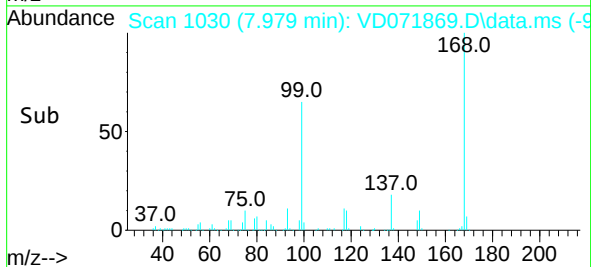
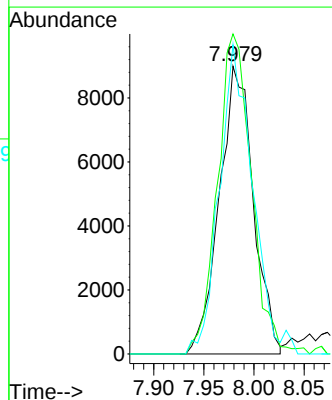
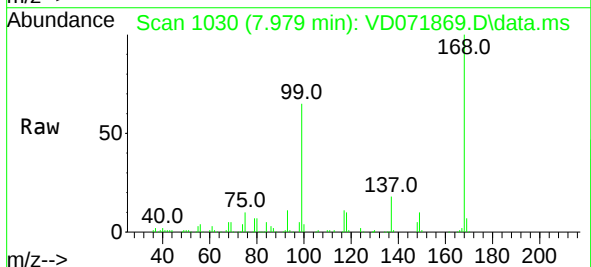
Instrument :
MSVOA_D
ClientSampleId :
SB-6(1.5-2)

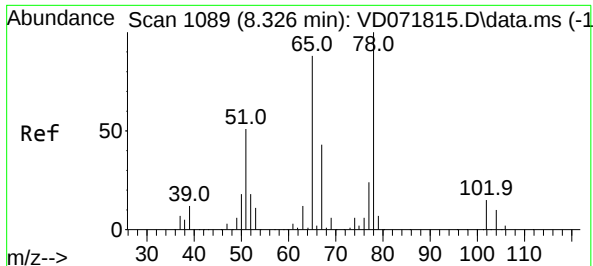
Tgt Ion:	84	Resp:	3782
Ion	Ratio	Lower	Upper
84	100		
49	170.8	112.8	169.2#
51	55.7	32.6	48.8#
86	91.4	47.9	71.9#



#31
Cyclohexane
Concen: 1.970 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

Tgt Ion:	56	Resp:	21248
Ion	Ratio	Lower	Upper
56	100		
69	111.2	25.4	38.2#
84	107.5	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.881 ug/l

RT: 8.332 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD071869.D

Acq: 01 Feb 2022 13:46

Instrument :

MSVOA_D

ClientSampleId :

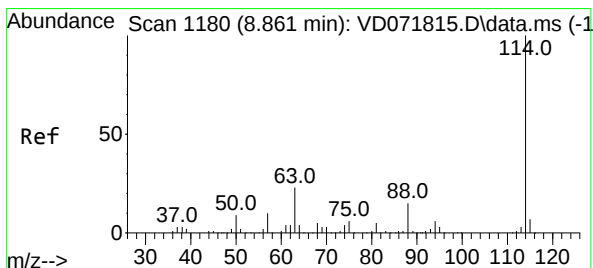
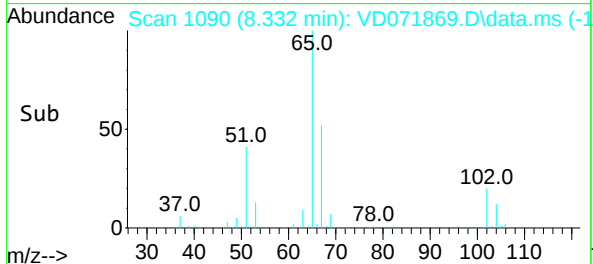
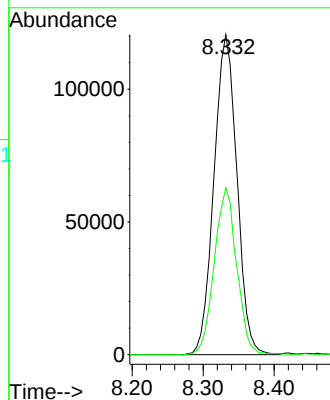
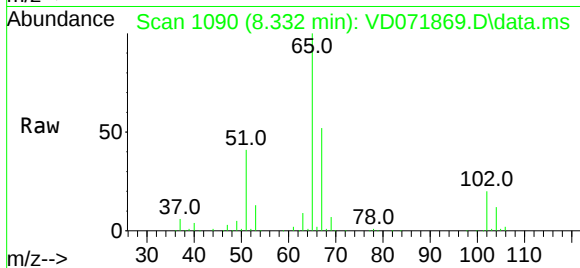
SB-6(1.5-2)

Tgt Ion: 65 Resp: 270569

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071869.D

Acq: 01 Feb 2022 13:46

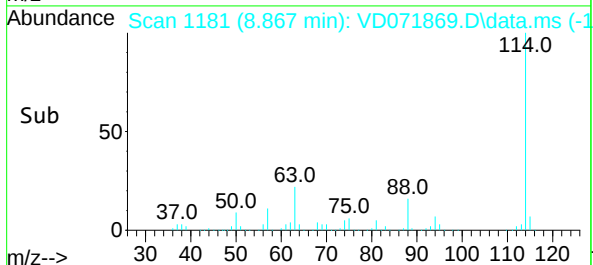
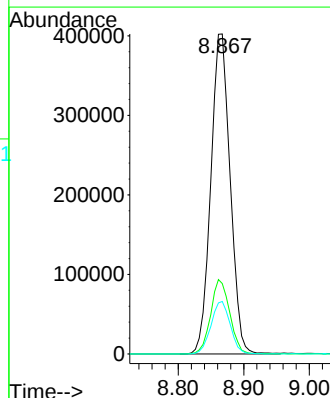
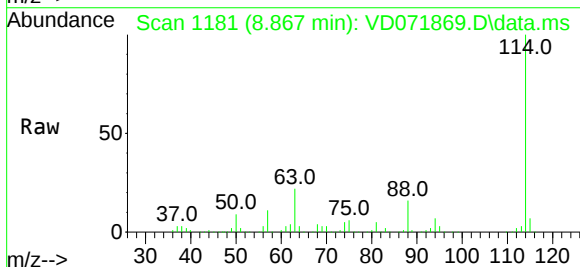
Tgt Ion: 114 Resp: 824293

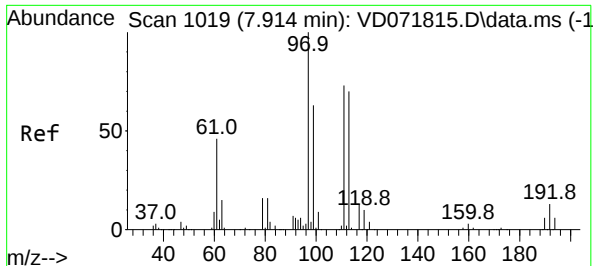
Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.737 ug/l

RT: 7.914 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071869.D

Acq: 01 Feb 2022 13:46

Instrument :

MSVOA_D

ClientSampleId :

SB-6(1.5-2)

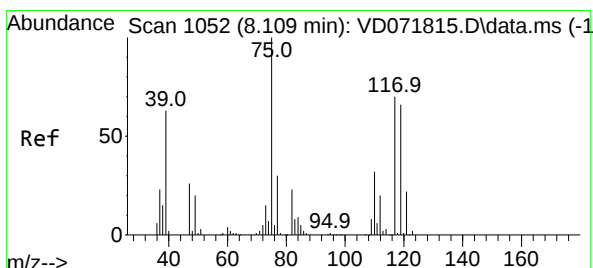
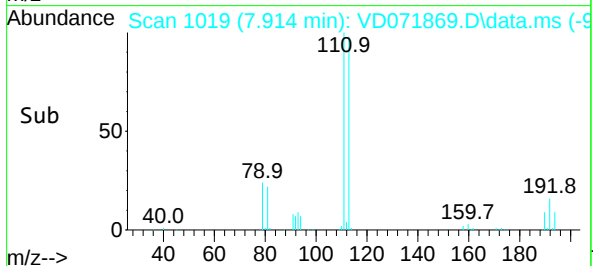
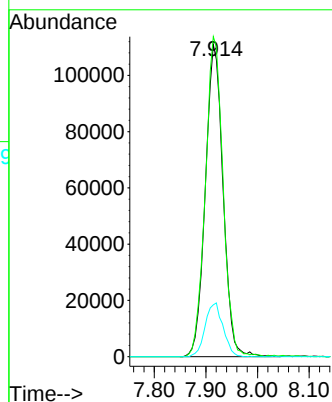
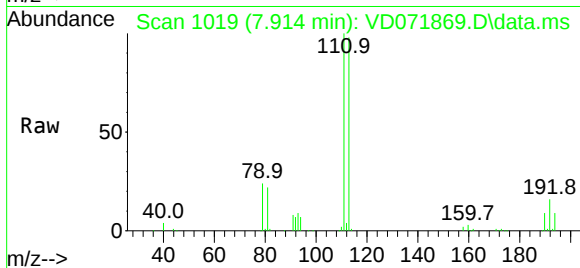
Tgt Ion:113 Resp: 264072

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.547 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD071869.D

Acq: 01 Feb 2022 13:46

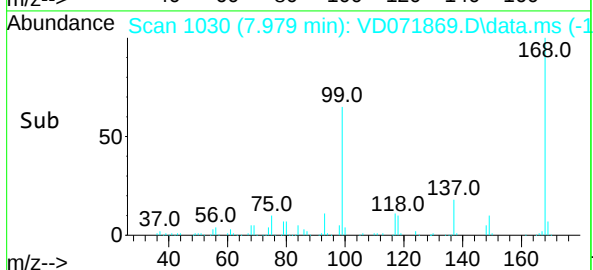
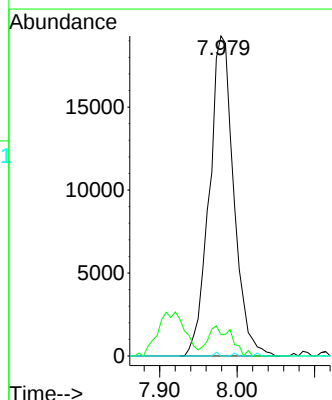
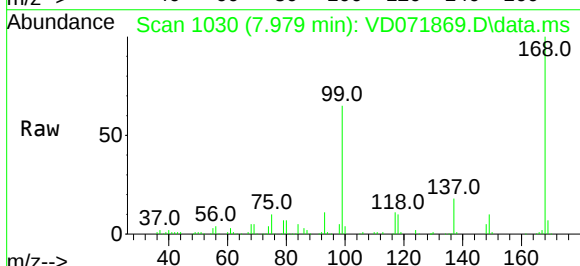
Tgt Ion: 75 Resp: 42285

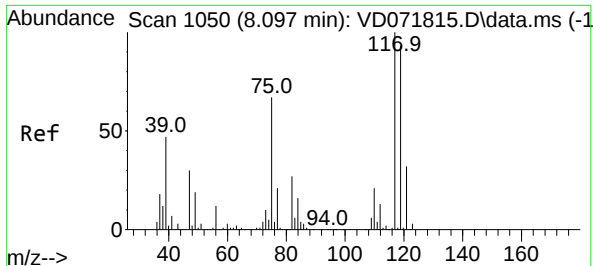
Ion Ratio Lower Upper

75 100

110 8.9 16.4 49.1#

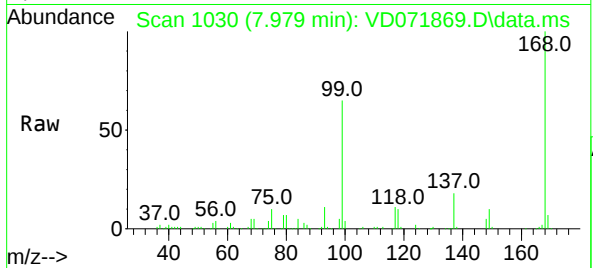
77 0.2 24.2 36.2#



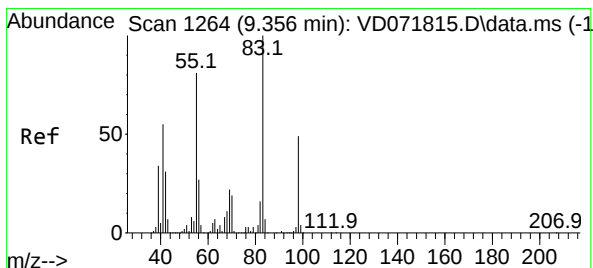
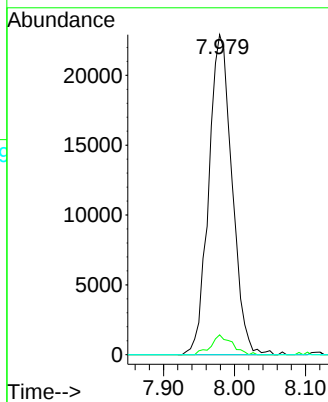
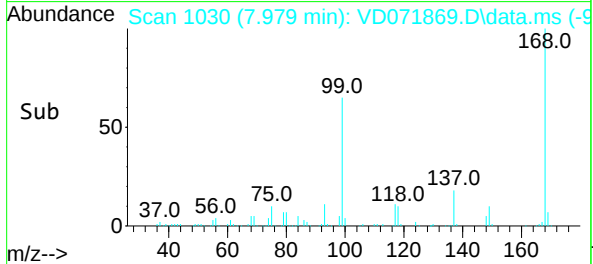


#38
Carbon Tetrachloride
Concen: 5.678 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

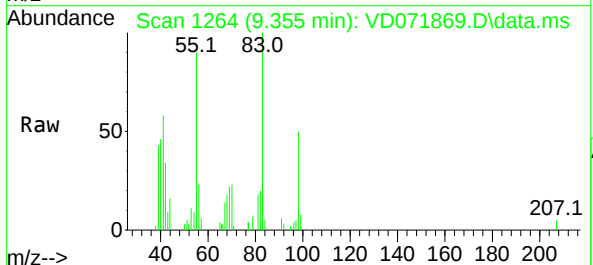
Instrument :
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SB-6(1.5-2)



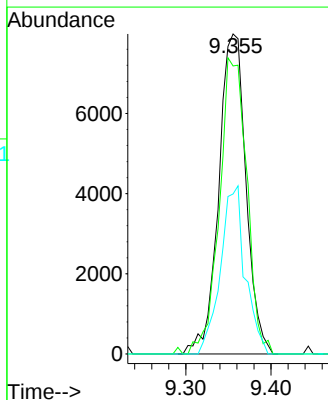
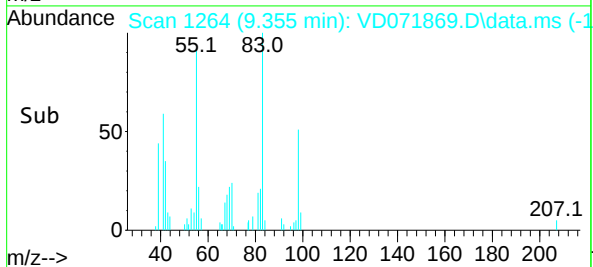
Tgt Ion:117 Resp: 52219
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.5 36.7#

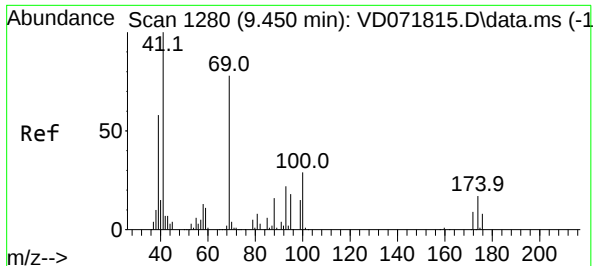


#39
Methylcyclohexane
Concen: 1.648 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46



Tgt Ion: 83 Resp: 17758
Ion Ratio Lower Upper
83 100
55 90.0 63.2 94.8
98 50.0 38.2 57.4





#48

Methyl methacrylate

Concen: 2.711 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD071869.D

Acq: 01 Feb 2022 13:46

Instrument :

MSVOA_D

ClientSampleId :

SB-6(1.5-2)

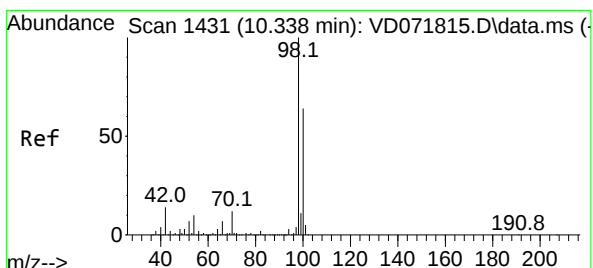
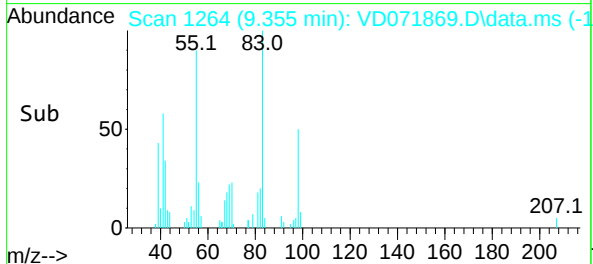
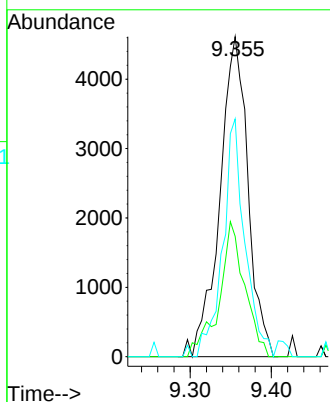
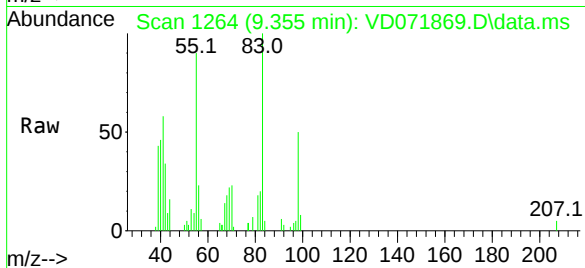
Tgt Ion: 41 Resp: 11151

Ion Ratio Lower Upper

41 100

69 38.3 56.7 85.1#

39 58.1 42.7 64.1



#50

Toluene-d8

Concen: 52.056 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071869.D

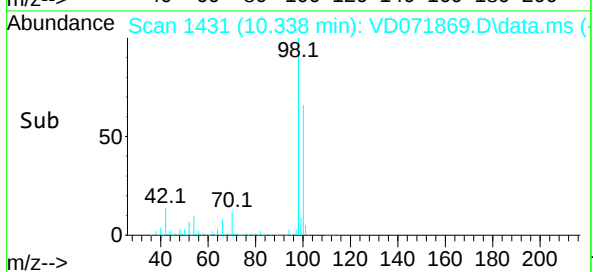
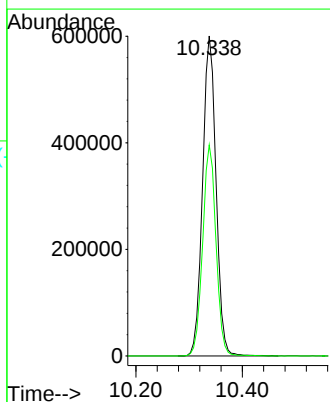
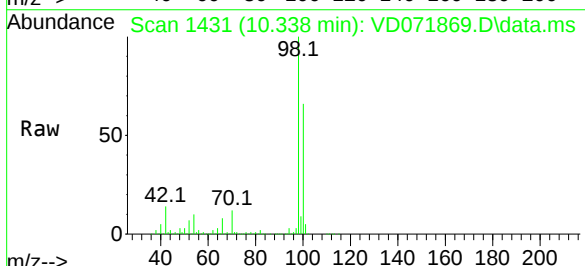
Acq: 01 Feb 2022 13:46

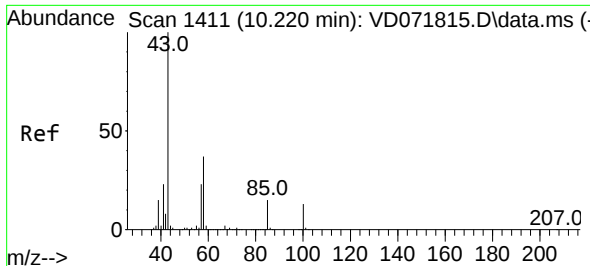
Tgt Ion: 98 Resp: 1053375

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6

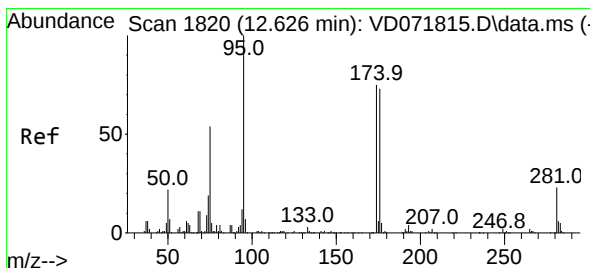
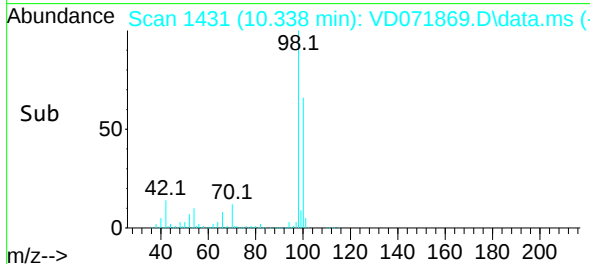
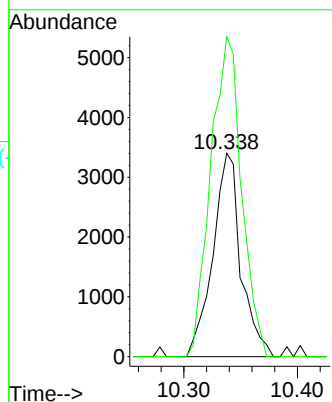
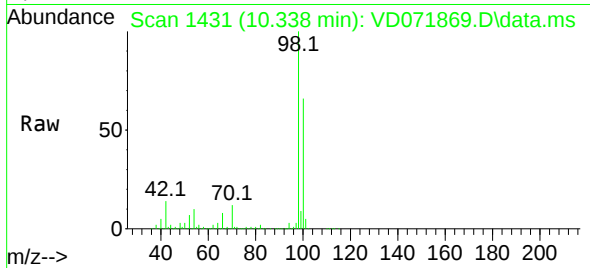




#51
4-Methyl-2-Pentanone
Concen: 1.431 ug/l
RT: 10.338 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

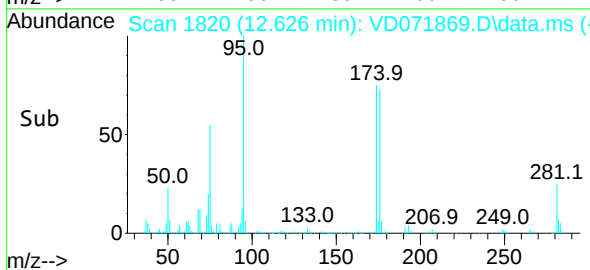
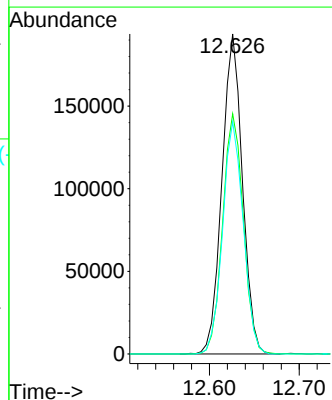
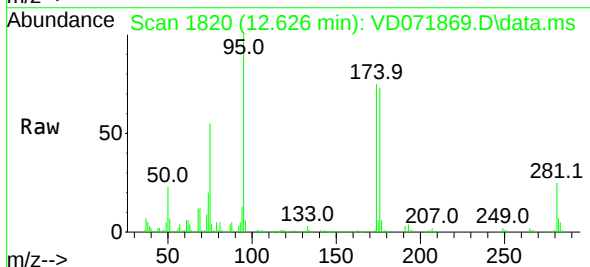
Instrument :
MSVOA_D
ClientSampleId :
SB-6(1.5-2)

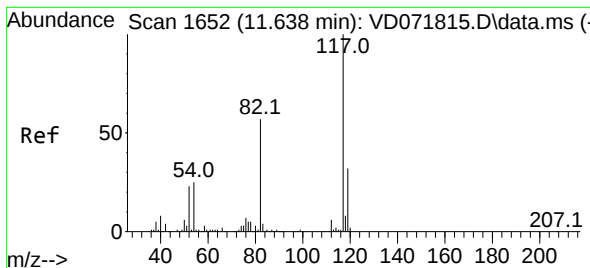
Tgt Ion: 43 Resp: 5821
Ion Ratio Lower Upper
43 100
58 173.8 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 43.341 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

Tgt Ion: 95 Resp: 306271
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 73.1 0.0 145.4

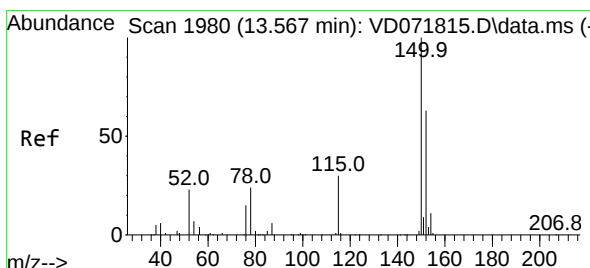
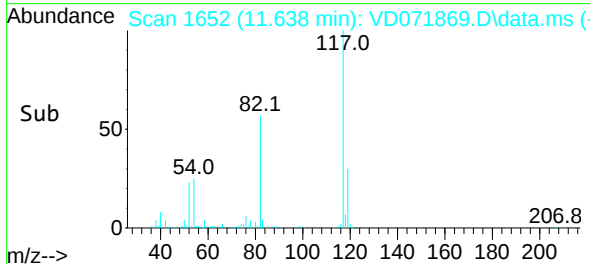
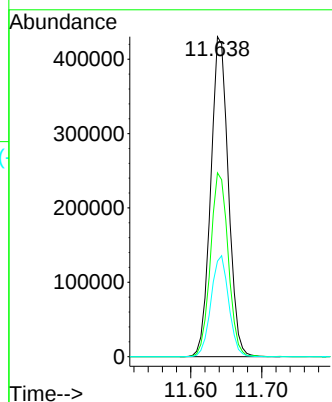
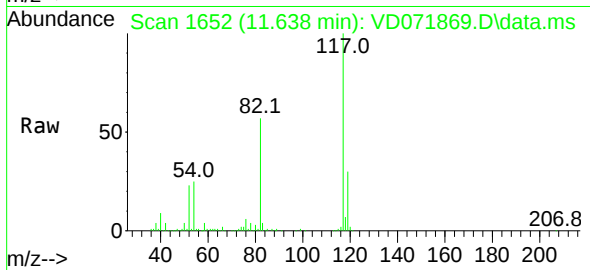




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

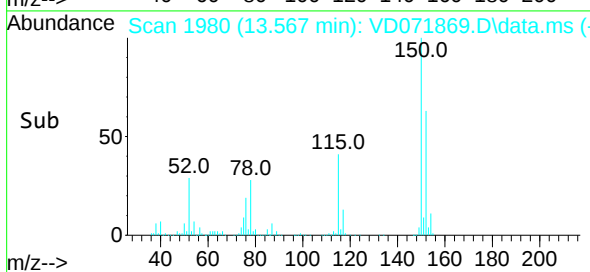
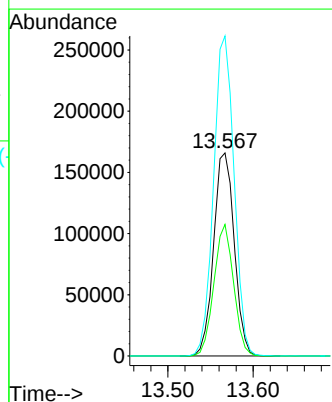
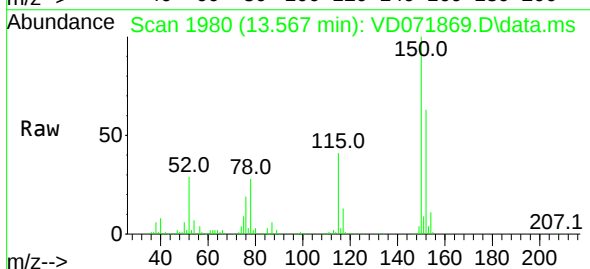
Instrument :
MSVOA_D
ClientSampleId :
SB-6(1.5-2)

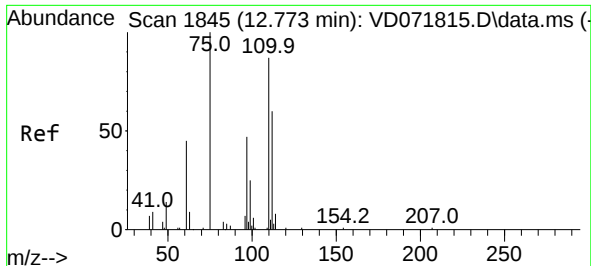
Tgt Ion:117 Resp: 739957
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 29.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

Tgt Ion:152 Resp: 279106
Ion Ratio Lower Upper
152 100
115 61.7 31.3 93.8
150 156.7 0.0 348.6

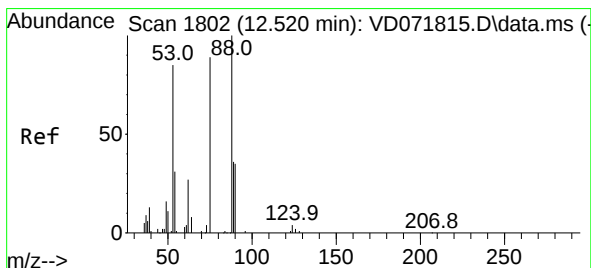
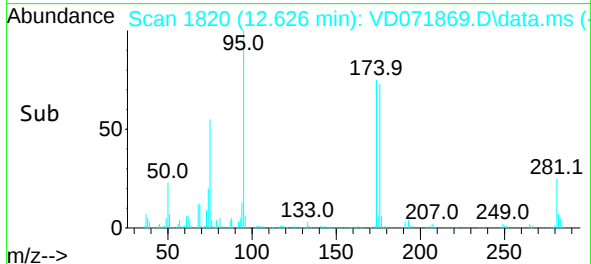
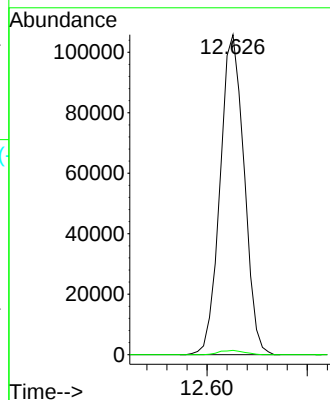
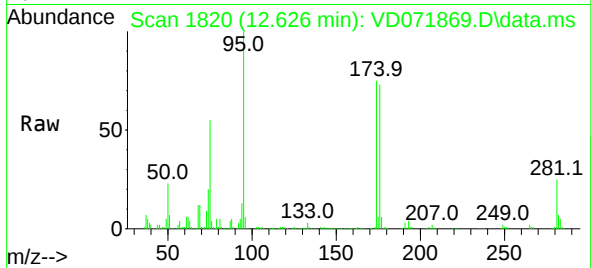




#76
1,2,3-Trichloropropane
Concen: 59.812 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

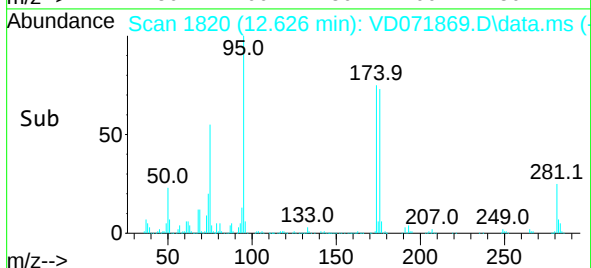
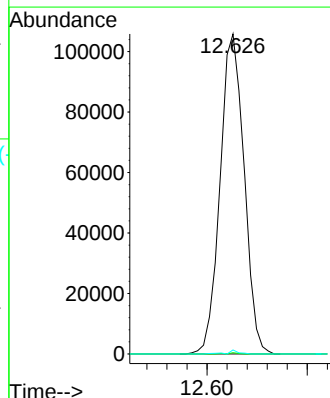
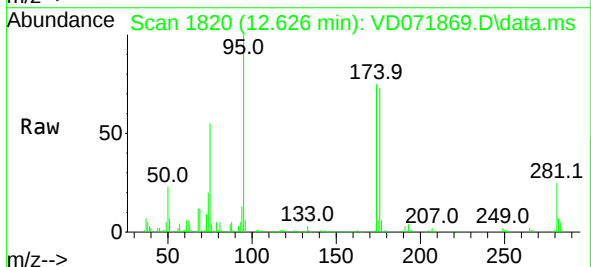
Instrument :
MSVOA_D
ClientSampleId :
SB-6(1.5-2)

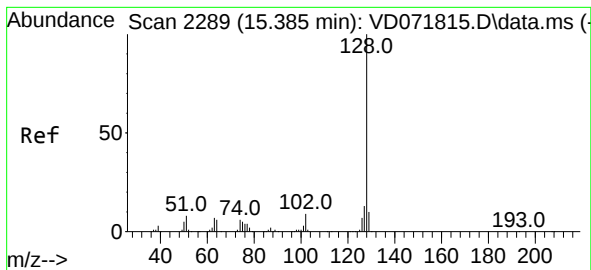
Tgt Ion: 75 Resp: 175932
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.063 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071869.D
Acq: 01 Feb 2022 13:46

Tgt Ion: 75 Resp: 175932
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.5 33.9 50.9#





#95

Naphthalene

Concen: 1.567 ug/l

RT: 15.373 min Scan# 21

Delta R.T. -0.012 min

Lab File: VD071869.D

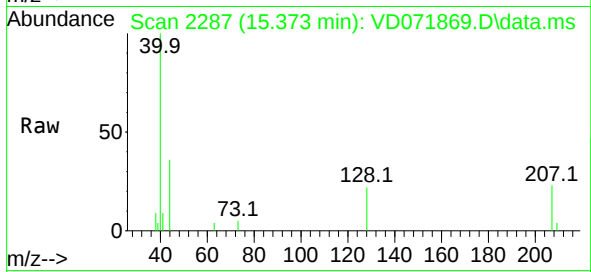
Acq: 01 Feb 2022 13:46

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion:128 Resp: 1132

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

