

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068468.D
 Acq On : 26 Feb 2021 20:41
 Operator : VA/SY
 Sample : M1518-05
 Misc : 14.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6

Quant Time: Feb 26 21:51:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	383187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	682740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	642717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	280133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	206738	54.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.00%
35) Dibromofluoromethane	7.920	113	215965	52.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.02%
50) Toluene-d8	10.344	98	864277	52.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.52%
62) 4-Bromofluorobenzene	12.632	95	280057	53.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.10%

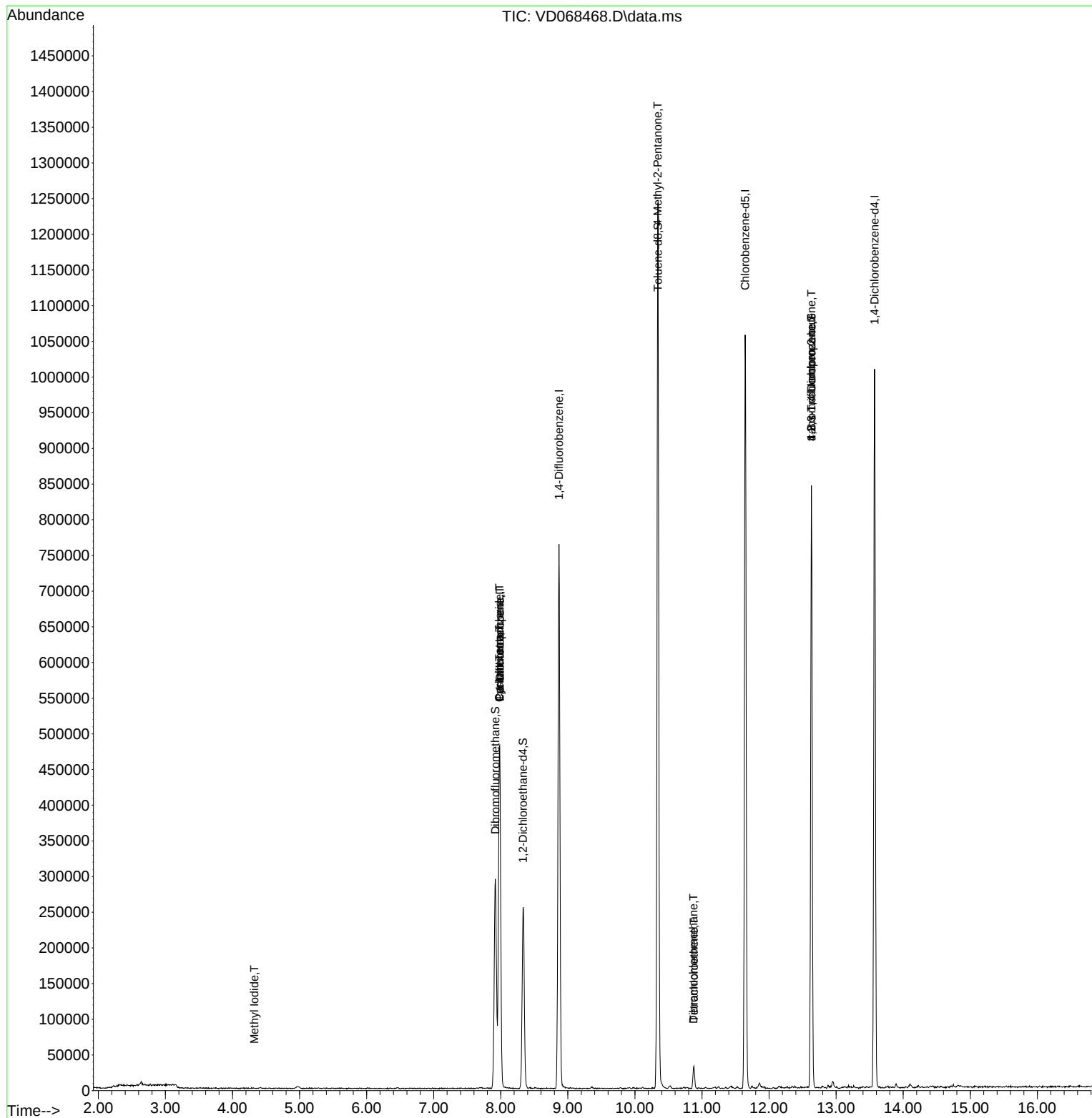
Target Compounds						Qvalue
10) Methyl Iodide	4.326	142	57	2.63	ug/l #	38
20) Methylene Chloride	4.967	84	2692	Below Cal	#	67
31) Cyclohexane	7.979	56	7762	1.11	ug/l #	6
36) 1,1-Dichloropropene	7.985	75	29329	4.52	ug/l #	47
38) Carbon Tetrachloride	7.979	117	38201	6.26	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	3292	1.59	ug/l #	1
60) Dibromochloromethane	10.873	129	6680	1.61	ug/l #	11
64) Tetrachloroethene	10.879	164	8489	2.02	ug/l #	82
76) 1,2,3-Trichloropropane	12.632	75	139798	56.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	139798	131.18	ug/l #	14

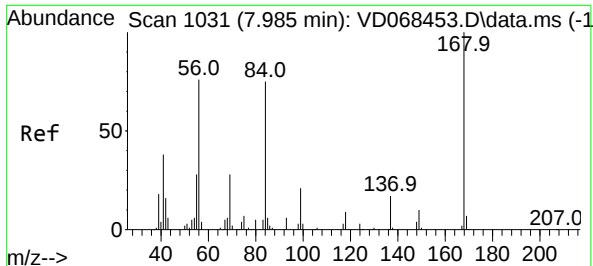
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
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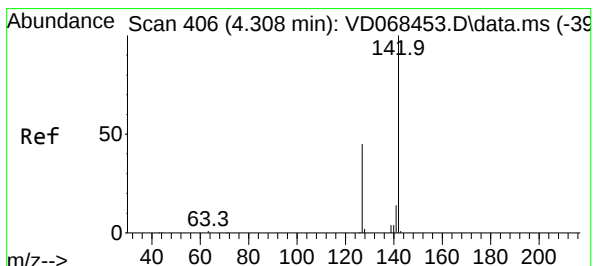
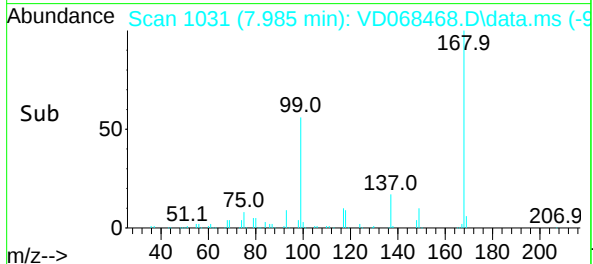
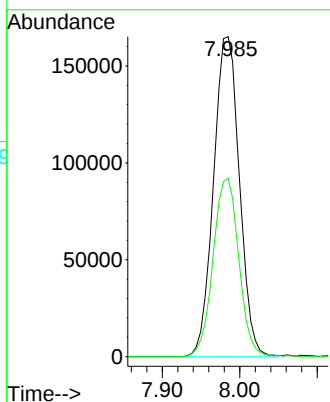
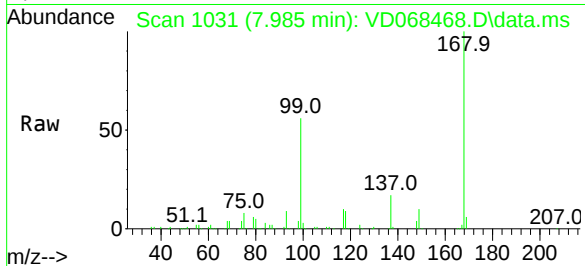




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

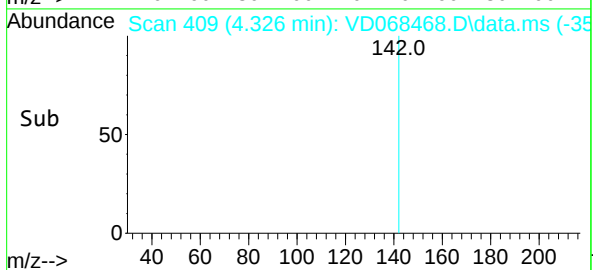
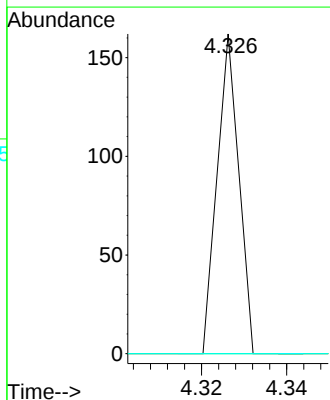
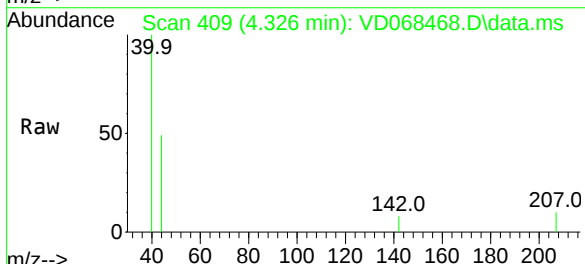
Instrument :
MSVOA_D
ClientSampled :
SB-6

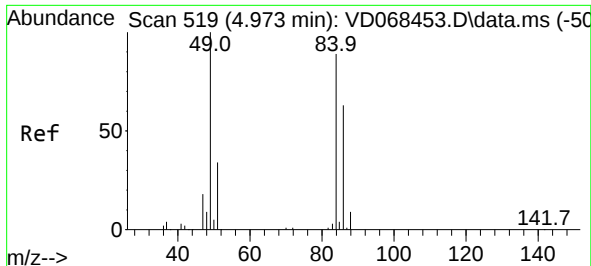
Tgt Ion:168 Resp: 383187
Ion Ratio Lower Upper
168 100
99 55.8 43.5 65.3



#10
Methyl Iodide
Concen: 2.63 ug/l
RT: 4.326 min Scan# 409
Delta R.T. 0.018 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

Lab File: VD068468.D

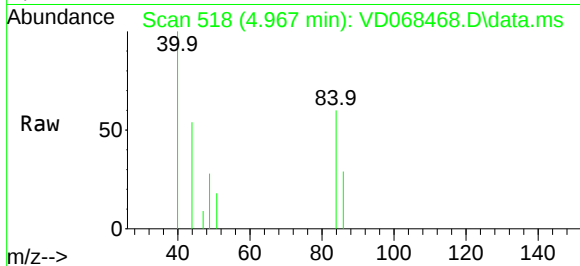
Acq: 26 Feb 2021 20:41

Instrument :

MSVOA_D

ClientSampled :

SB-6



Tgt Ion: 84 Resp: 2692

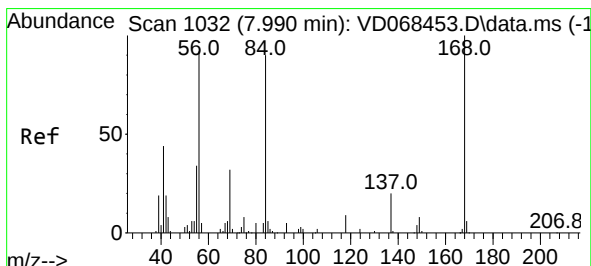
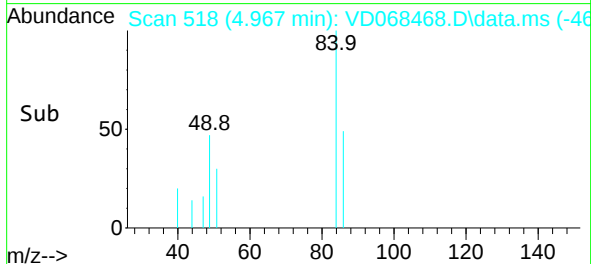
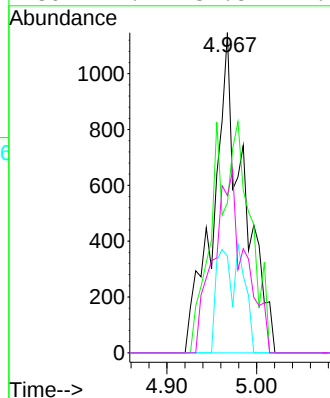
Ion Ratio Lower Upper

84 100

49 46.8 77.4 116.2#

51 30.2 26.1 39.1

86 49.2 51.8 77.8#



#31

Cyclohexane

Concen: 1.11 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.011 min

Lab File: VD068468.D

Acq: 26 Feb 2021 20:41

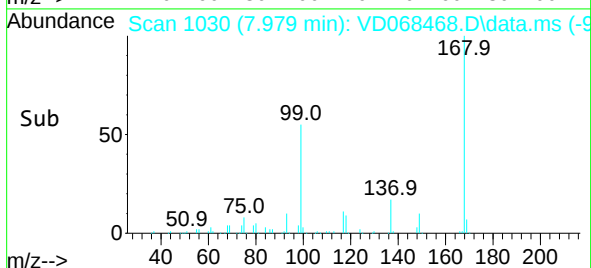
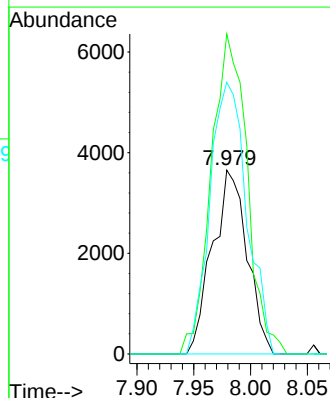
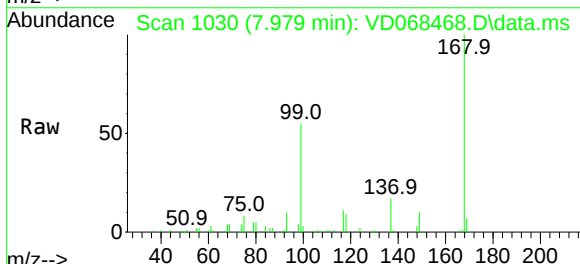
Tgt Ion: 56 Resp: 7762

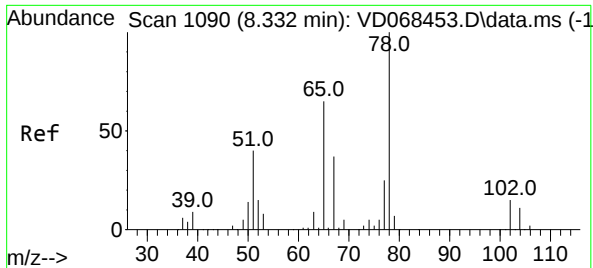
Ion Ratio Lower Upper

56 100

69 174.0 30.1 45.1#

84 147.8 82.1 123.1#

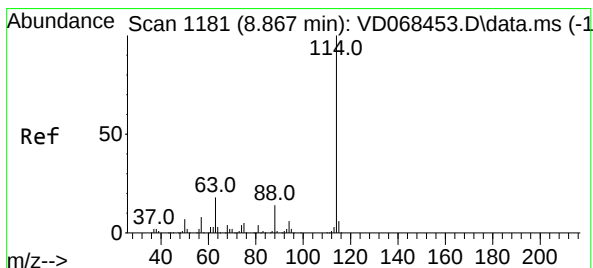
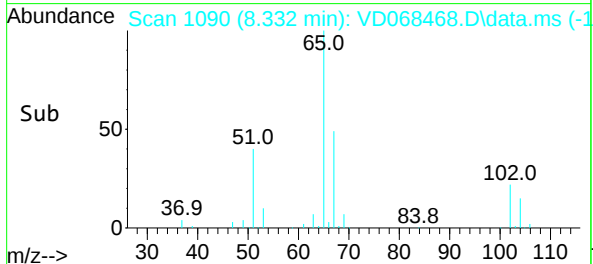
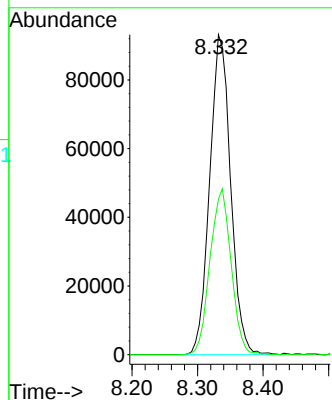
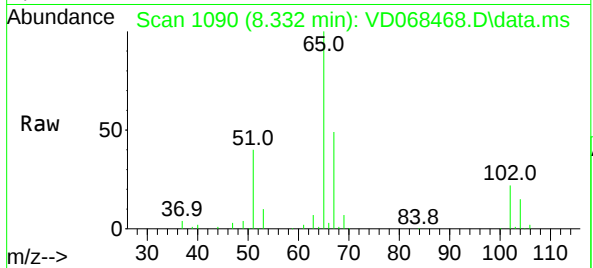




#33
1,2-Dichloroethane-d4
Concen: 54.00 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

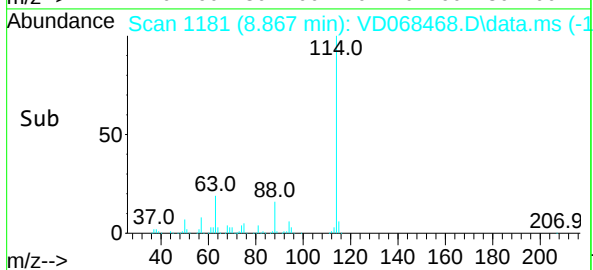
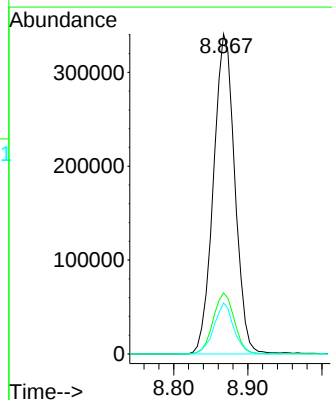
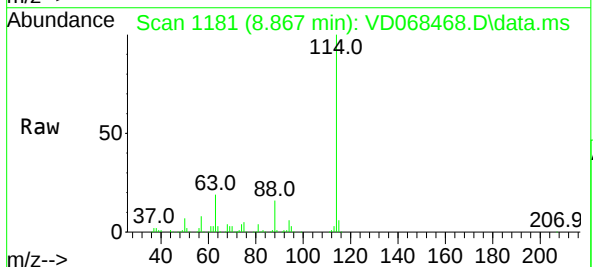
Instrument :
MSVOA_D
ClientSampled :
SB-6

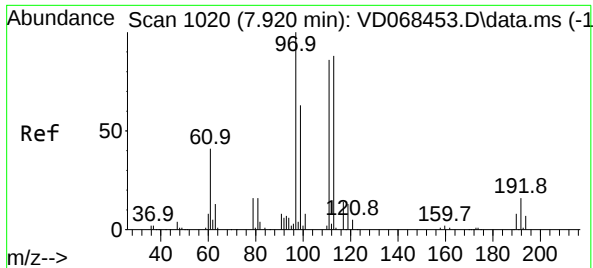
Tgt Ion: 65 Resp: 206738
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

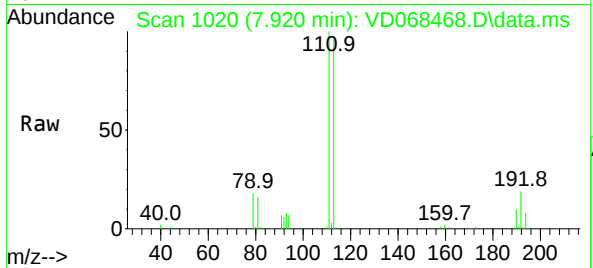
Tgt Ion: 114 Resp: 682740
Ion Ratio Lower Upper
114 100
63 19.1 0.0 34.8
88 16.0 0.0 31.6



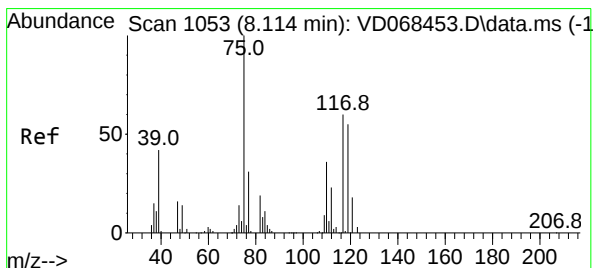
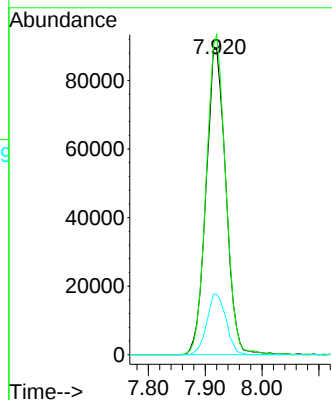
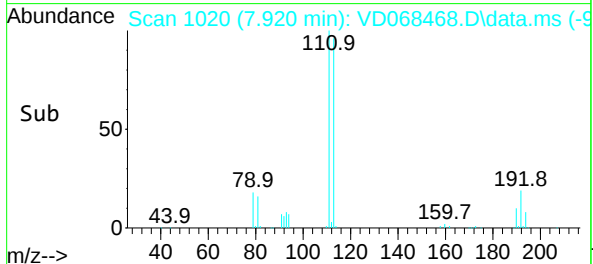


#35
Dibromofluoromethane
Concen: 52.51 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

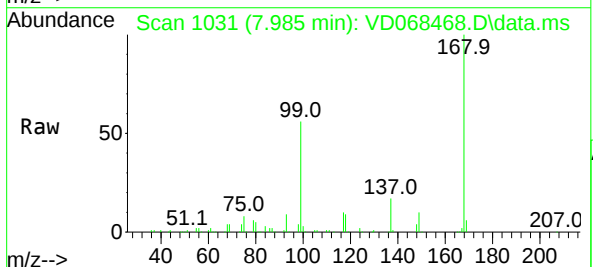
Instrument :
MSVOA_D
ClientSampled :
SB-6



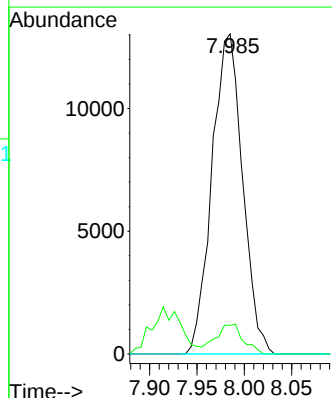
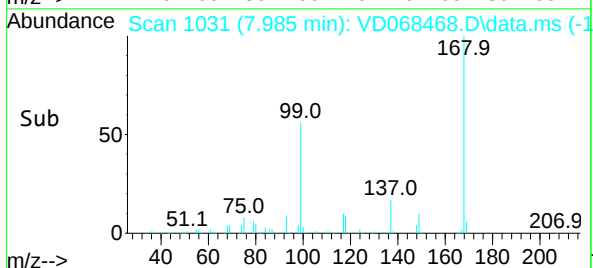
Tgt Ion:113 Resp: 215965
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 19.2 16.1 24.1

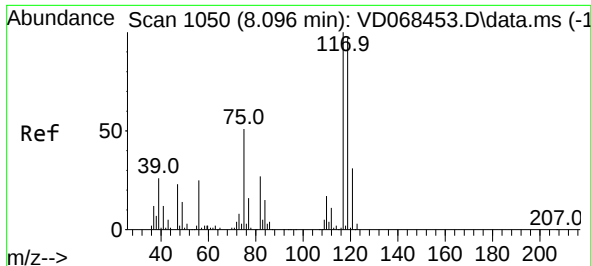


#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41



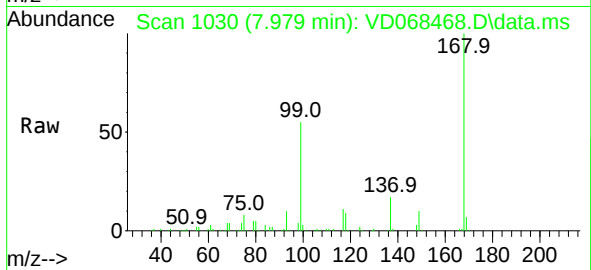
Tgt Ion: 75 Resp: 29329
Ion Ratio Lower Upper
75 100
110 8.3 19.4 58.2#
77 0.0 25.3 37.9#



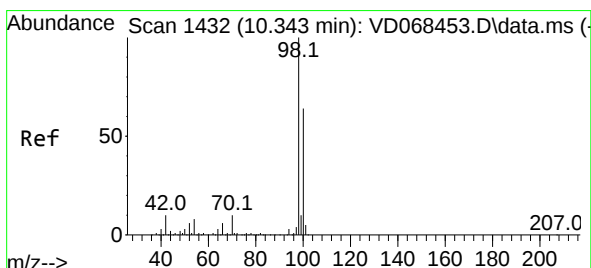
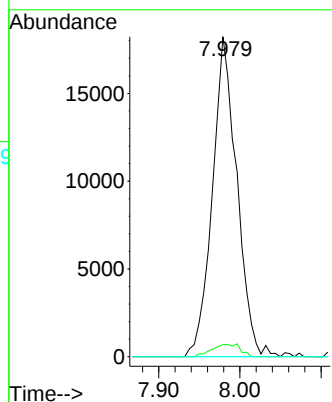
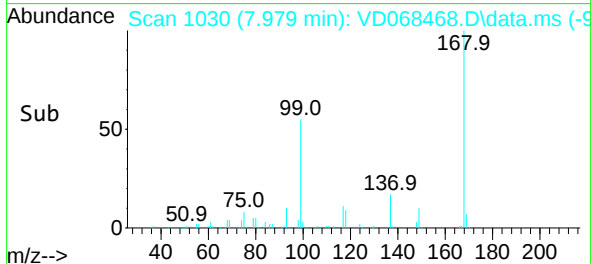


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

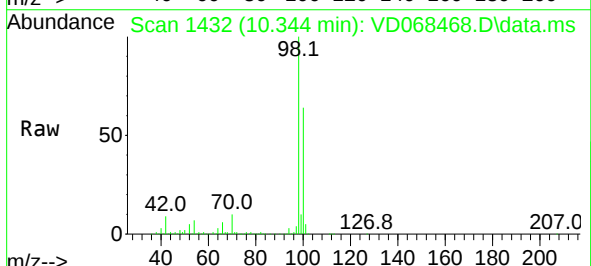
Instrument :
MSVOA_D
ClientSampled :
SB-6



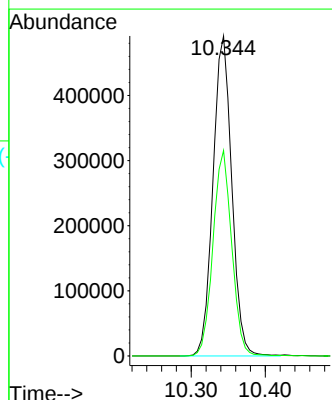
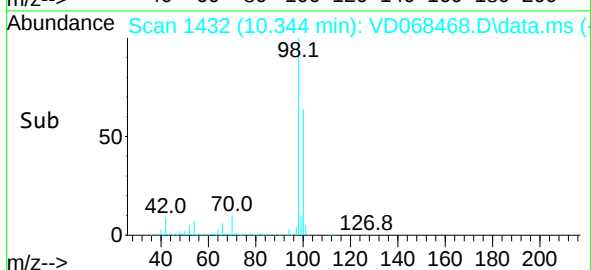
Tgt Ion:117 Resp: 38201
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.7 37.1#

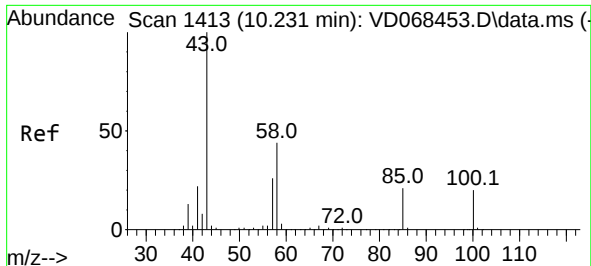


#50
Toluene-d8
Concen: 52.76 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41



Tgt Ion: 98 Resp: 864277
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4

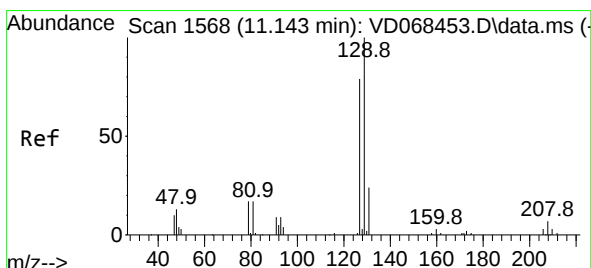
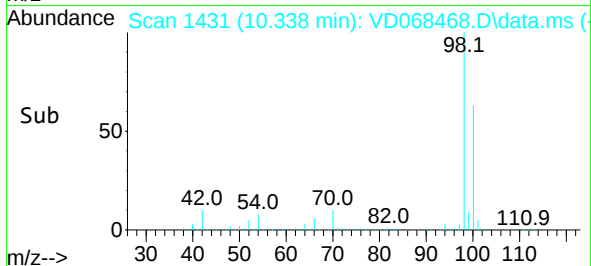
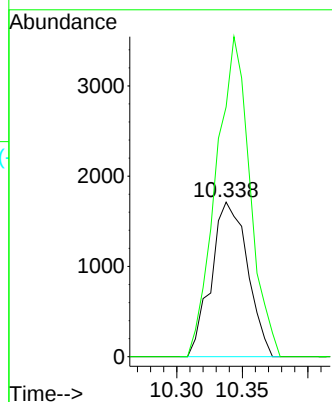
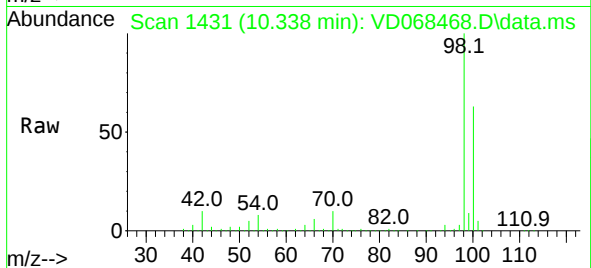




#51
4-Methyl-2-Pentanone
Concen: 1.59 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

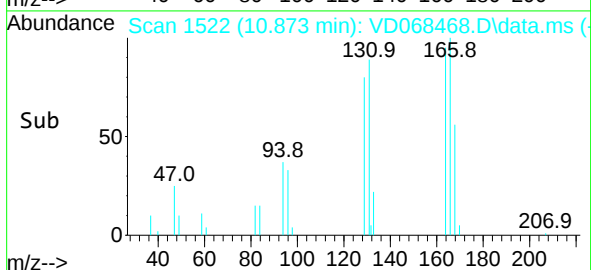
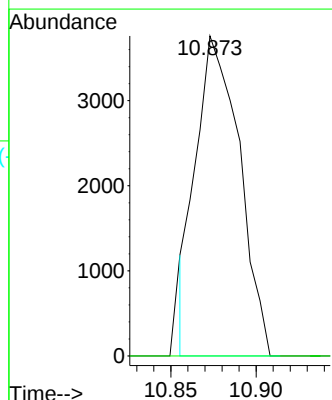
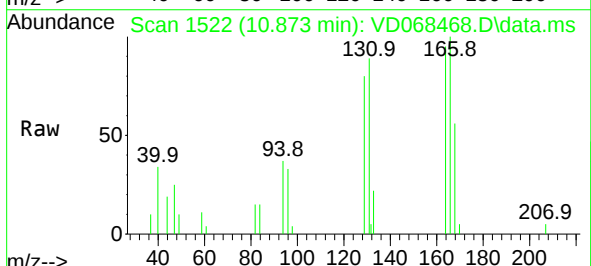
Instrument :
MSVOA_D
ClientSampled :
SB-6

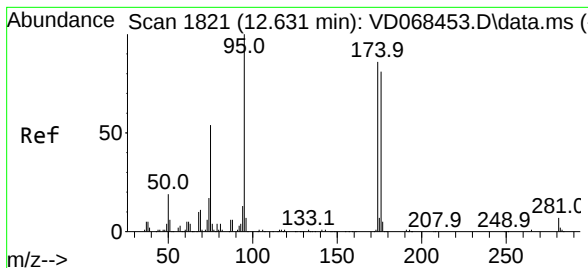
Tgt Ion: 43 Resp: 3292
Ion Ratio Lower Upper
43 100
58 193.8 36.1 54.1#



#60
Dibromochloromethane
Concen: 1.61 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.270 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

Tgt Ion: 129 Resp: 6680
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

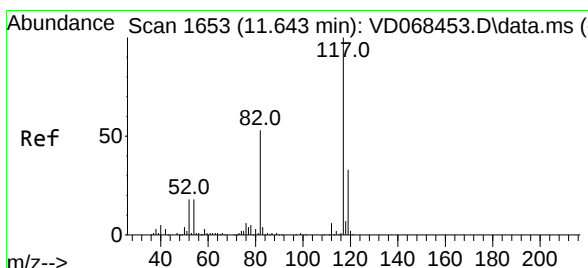
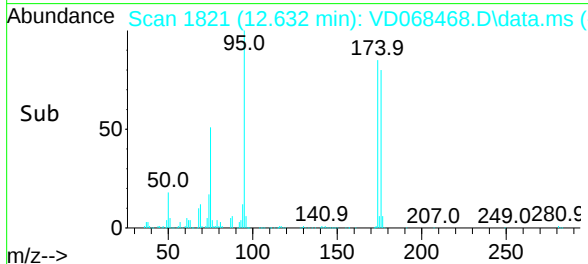
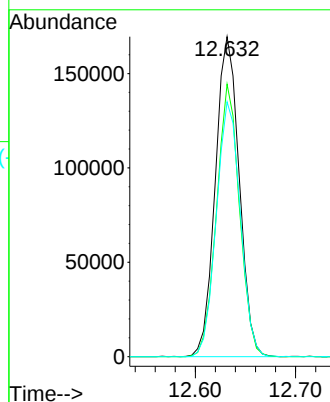
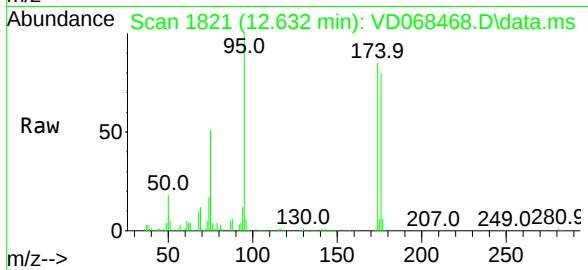




#62
4-Bromofluorobenzene
Concen: 53.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

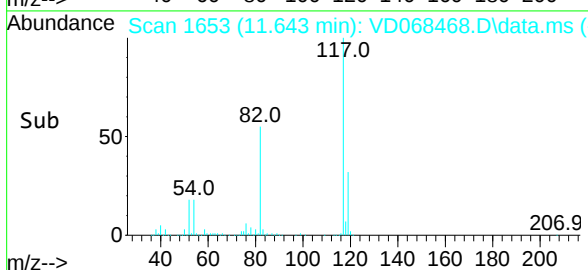
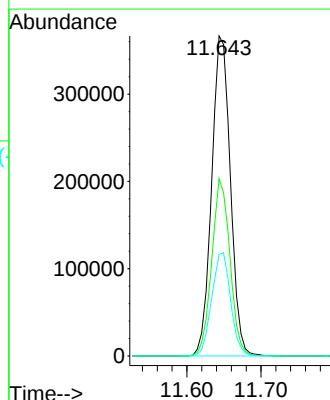
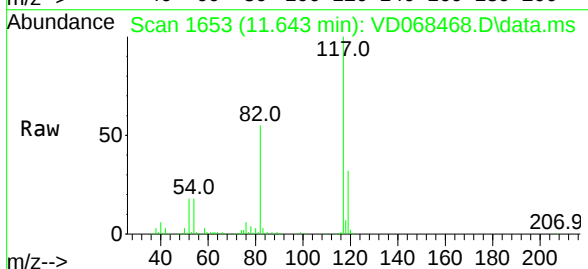
Instrument :
MSVOA_D
ClientSampled :
SB-6

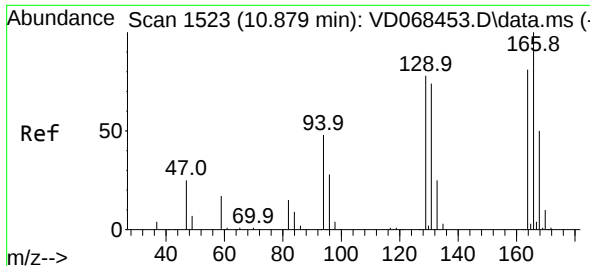
Tgt Ion: 95 Resp: 280057
Ion Ratio Lower Upper
95 100
174 81.7 0.0 172.4
176 79.9 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

Tgt Ion: 117 Resp: 642717
Ion Ratio Lower Upper
117 100
82 55.4 41.4 62.0
119 31.7 26.1 39.1

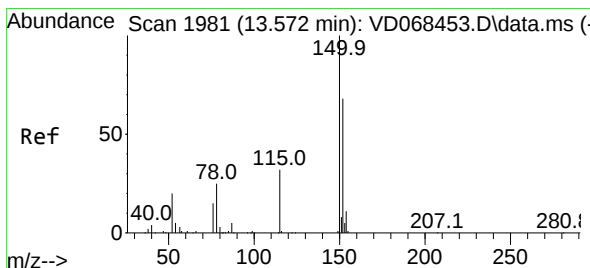
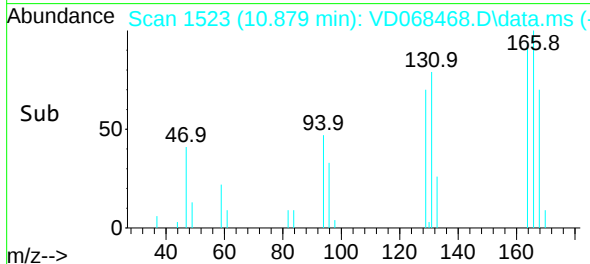
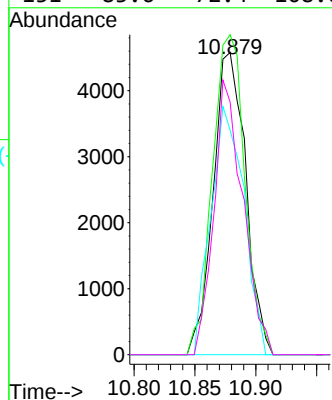
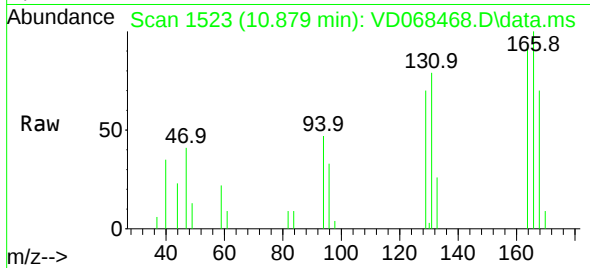




#64
Tetrachloroethene
Concen: 2.02 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

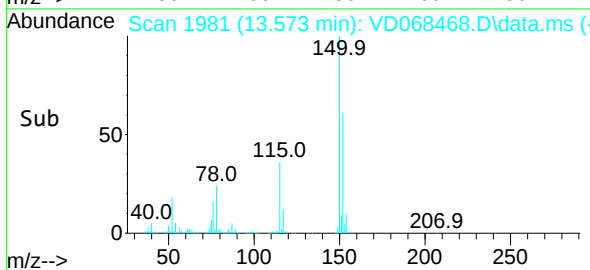
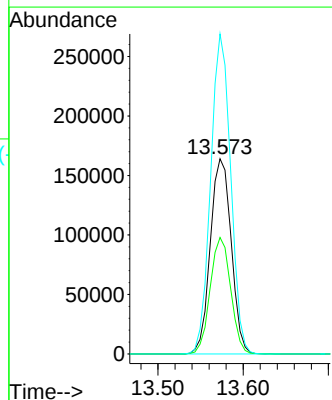
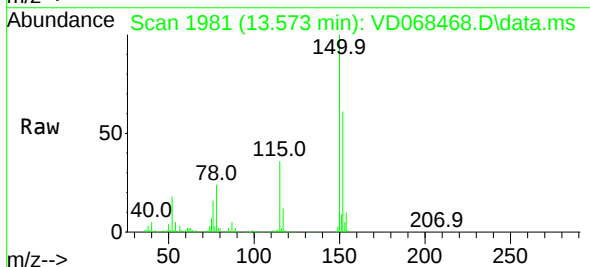
Instrument :
MSVOA_D
ClientSampled :
SB-6

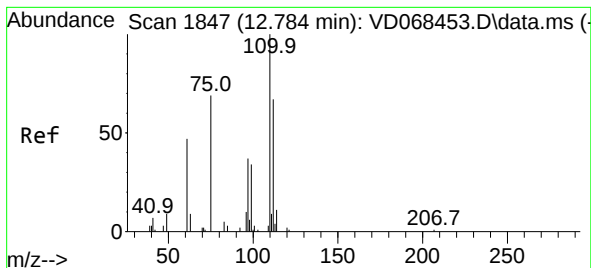
Tgt Ion:164 Resp: 8489
Ion Ratio Lower Upper
164 100
166 105.9 105.5 158.3
129 74.3 75.6 113.4#
131 83.6 72.4 108.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

Tgt Ion:152 Resp: 280133
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 156.6 0.0 344.4

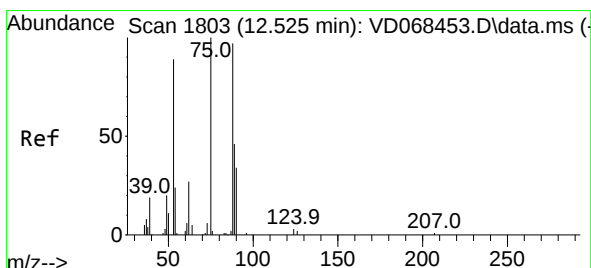
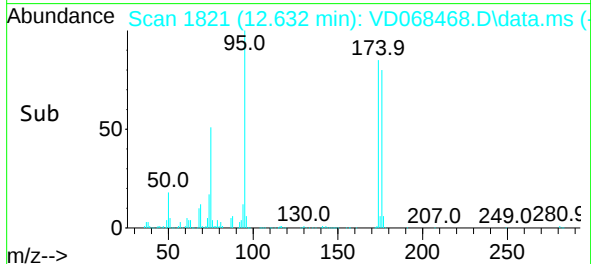
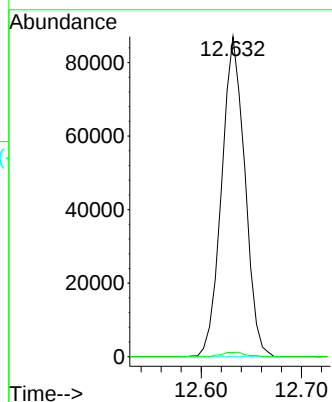
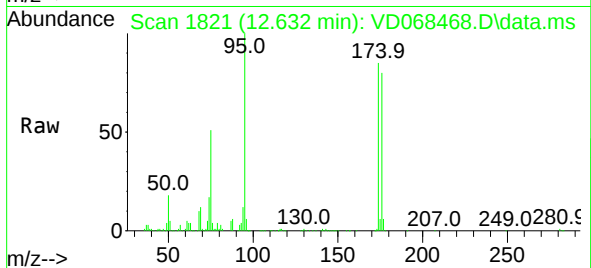




#76
1,2,3-Trichloropropane
Concen: 56.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

Instrument :
MSVOA_D
ClientSampled :
SB-6

Tgt Ion: 75 Resp: 139798
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.18 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068468.D
Acq: 26 Feb 2021 20:41

Tgt Ion: 75 Resp: 139798
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.1 40.3 60.5#

