

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030121\
 Data File : VD068477.D
 Acq On : 01 Mar 2021 13:25
 Operator : VA/SY
 Sample : M1518-03
 Misc : 7.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Mar 01 20:46:49 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)

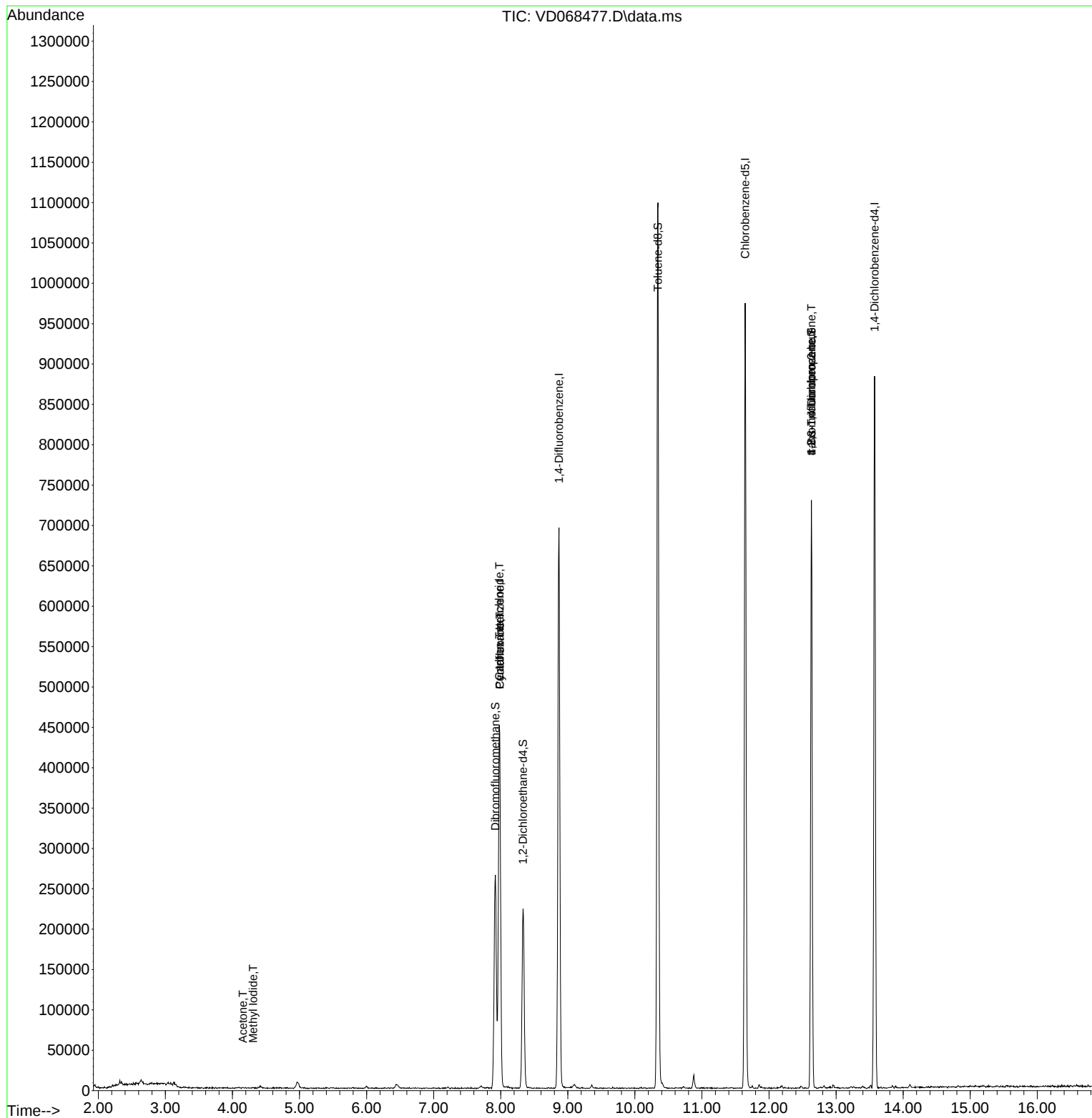
Internal Standards						
1) Pentafluorobenzene	7.985	168	350398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	628261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	585012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	243225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	179812	51.36	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.72%			
35) Dibromofluoromethane	7.920	113	192691	50.91	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.82%			
50) Toluene-d8	10.344	98	787045	52.21	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.42%			
62) 4-Bromofluorobenzene	12.632	95	240680	49.54	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.08%			
Target Compounds						
10) Methyl Iodide	4.309	142	96	2.64	ug/l #	38
16) Acetone	4.156	43	1124	2.02	ug/l #	88
20) Methylene Chloride	4.968	84	6003	Below Cal	#	77
31) Cyclohexane	7.985	56	7884	1.24	ug/l #	54
38) Carbon Tetrachloride	7.979	117	33892	6.04	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	117854	54.58	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	117854	127.37	ug/l #	13

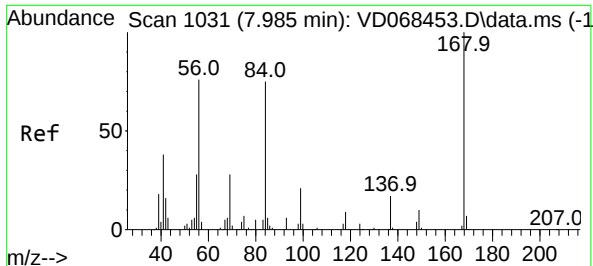
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068477.D
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MSVOA_D
ClientSampleId :
SB-3

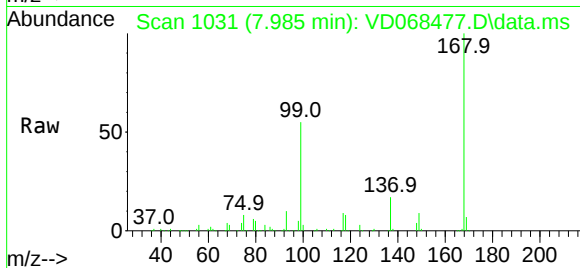
Quant Time: Mar 01 20:46:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration



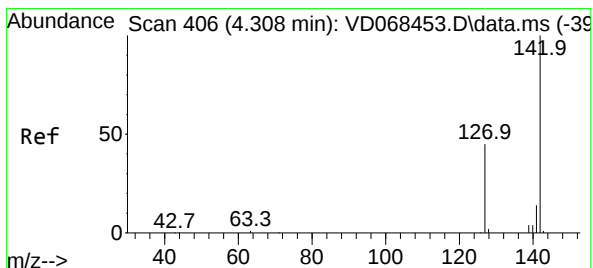
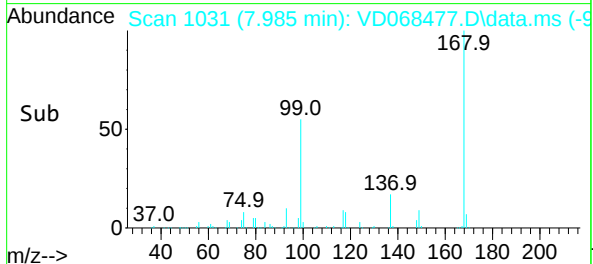
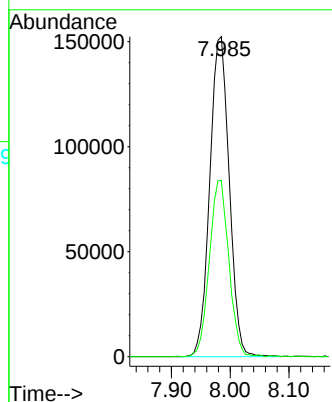


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25

Instrument :
MSVOA_D
ClientSampled :
SB-3

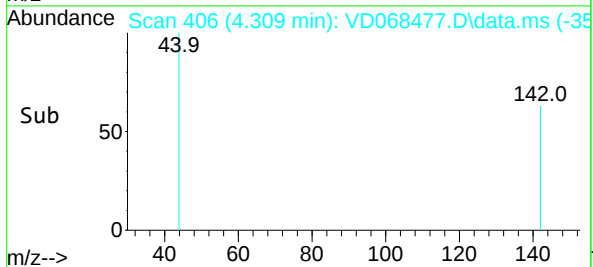
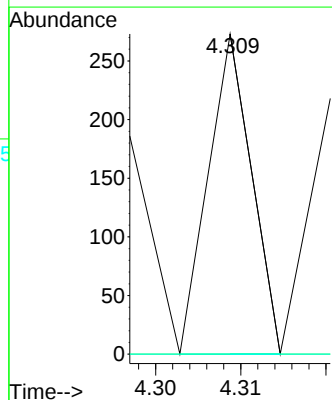
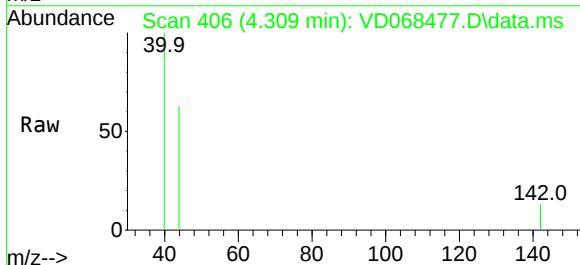


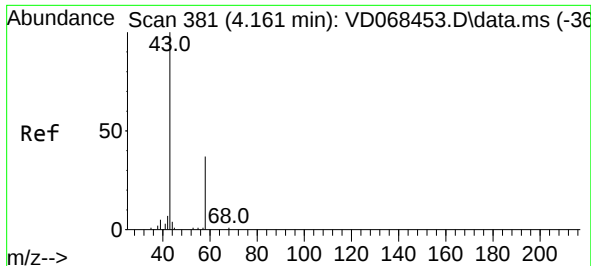
Tgt Ion:168 Resp: 350398
Ion Ratio Lower Upper
168 100
99 55.0 43.5 65.3



#10
Methyl Iodide
Concen: 2.64 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25

Tgt Ion:142 Resp: 96
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

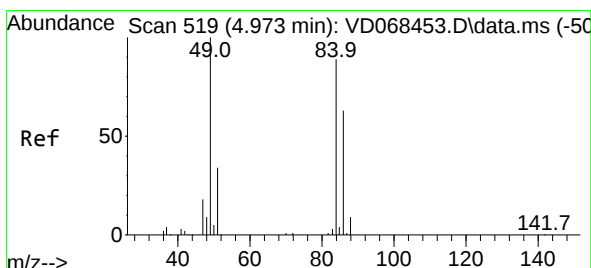
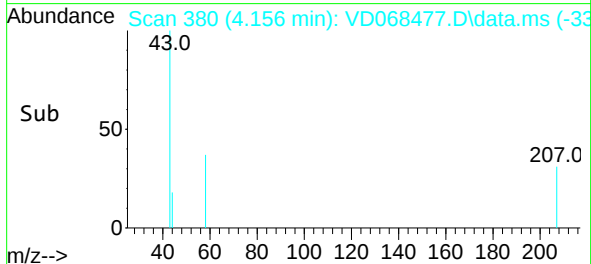
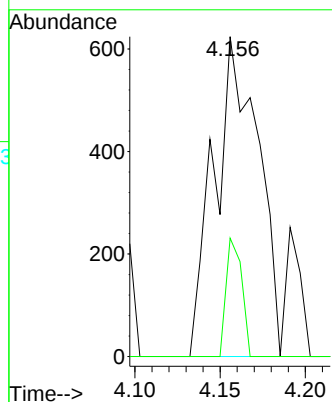
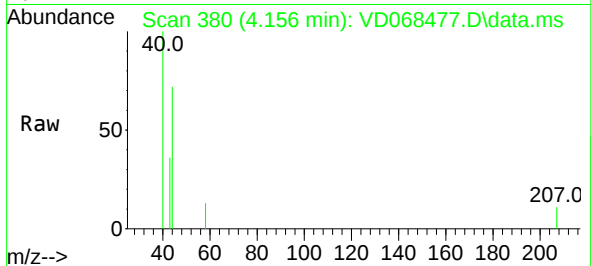




#16
Acetone
Concen: 2.02 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25

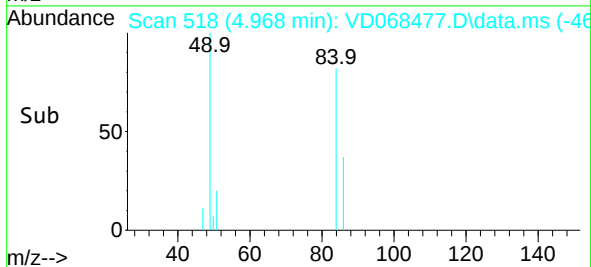
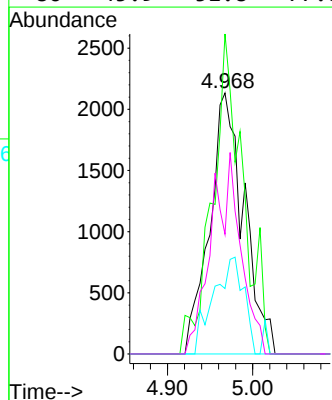
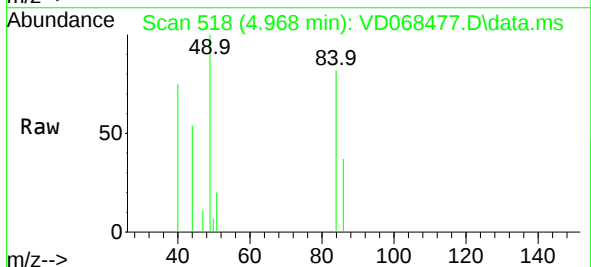
Instrument :
MSVOA_D
ClientSampled :
SB-3

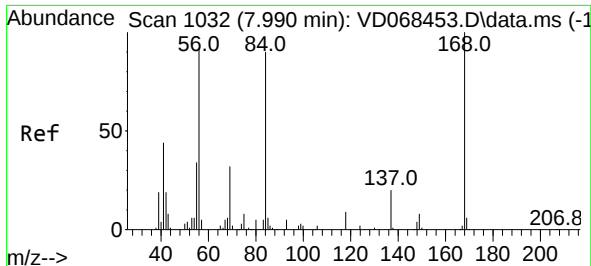
Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
58 37.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25

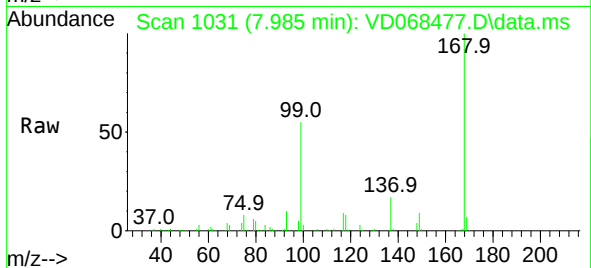
Tgt Ion: 84 Resp: 6003
Ion Ratio Lower Upper
84 100
49 122.6 77.4 116.2#
51 25.1 26.1 39.1#
86 45.9 51.8 77.8#



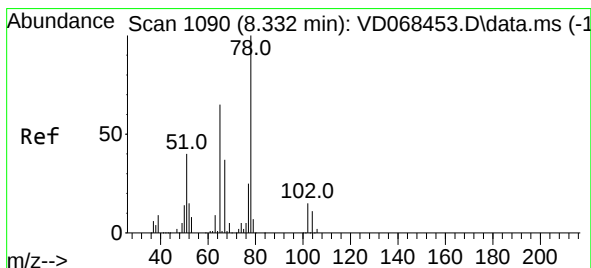
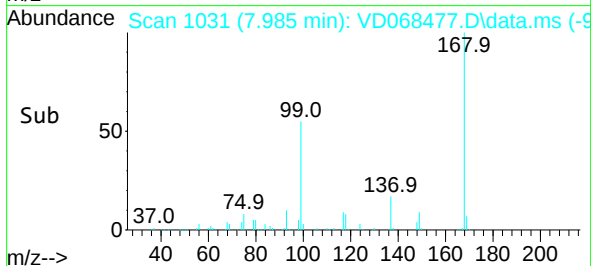
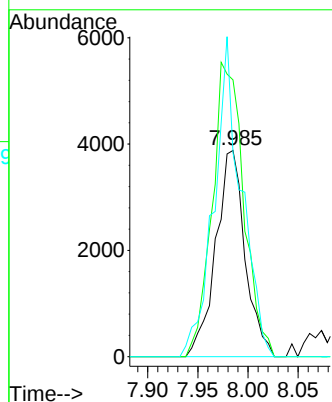


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25

Instrument :
MSVOA_D
ClientSampleId :
SB-3

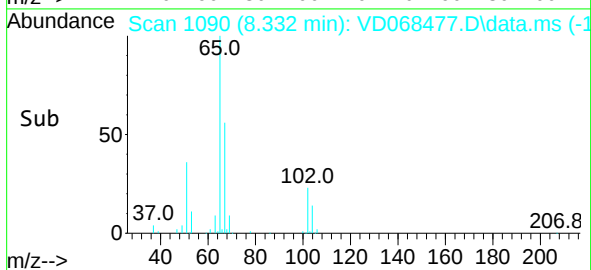
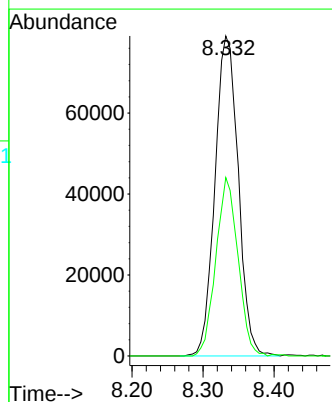
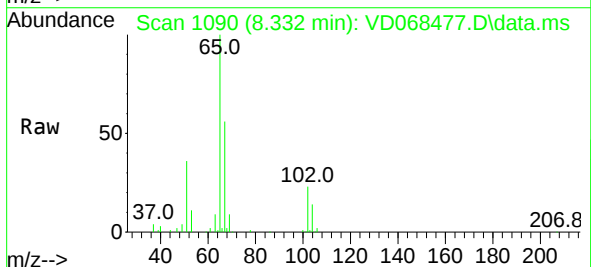


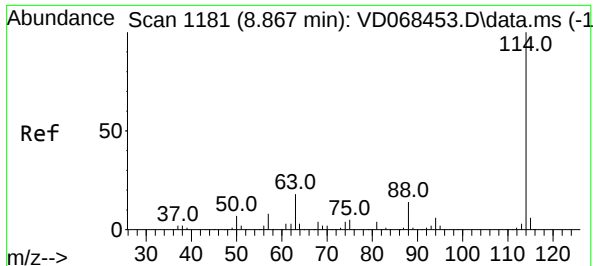
Tgt Ion: 56 Resp: 7884
Ion Ratio Lower Upper
56 100
69 134.1 30.1 45.1#
84 98.9 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 51.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25

Tgt Ion: 65 Resp: 179812
Ion Ratio Lower Upper
65 100
67 52.9 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: VD068477.D

Acq: 01 Mar 2021 13:25

Tgt Ion:114 Resp: 628261

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.8

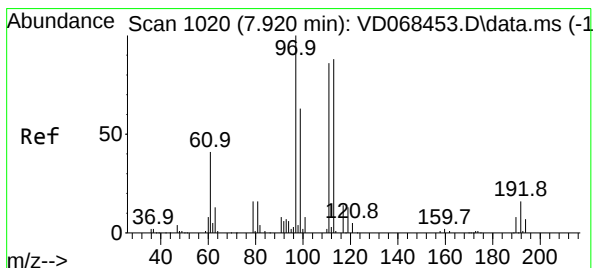
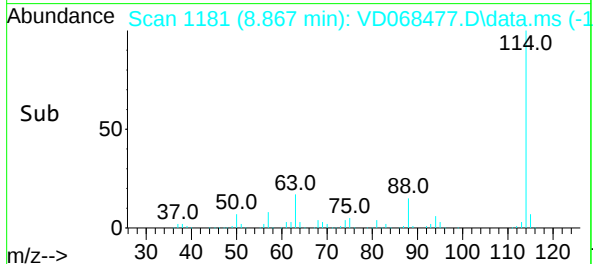
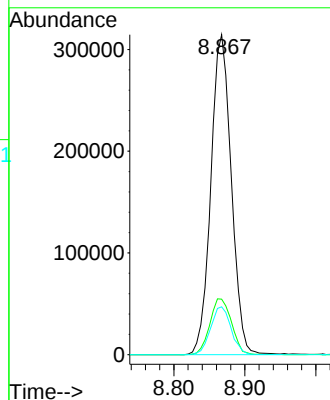
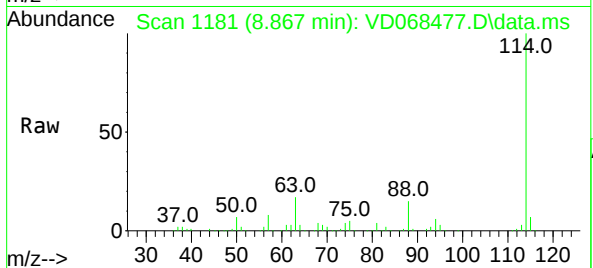
88 15.0 0.0 31.6

Instrument :

MSVOA_D

ClientSampled :

SB-3



#35

Dibromofluoromethane

Concen: 50.91 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068477.D

Acq: 01 Mar 2021 13:25

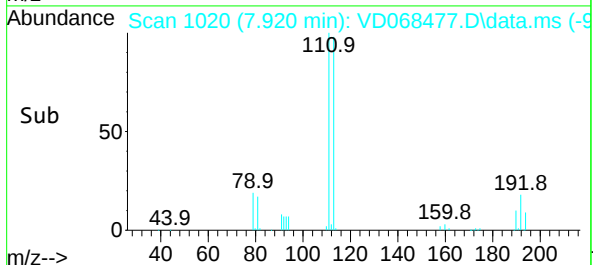
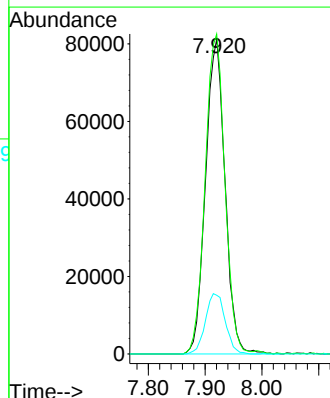
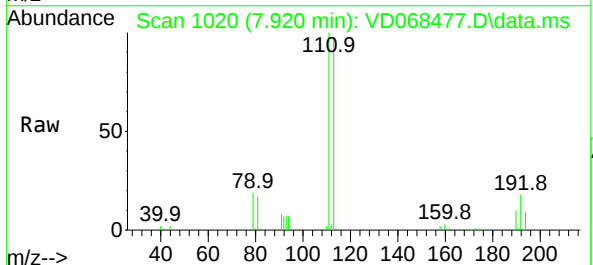
Tgt Ion:113 Resp: 192691

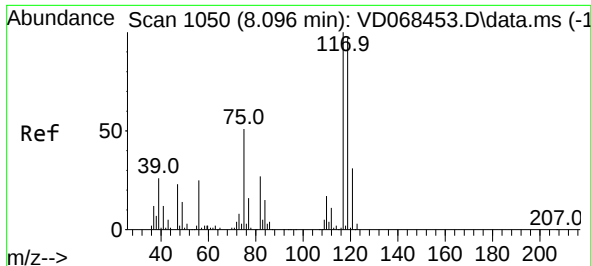
Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

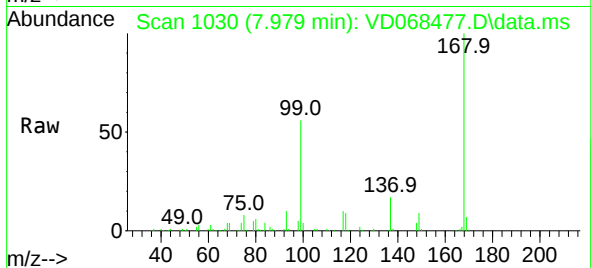
192 19.5 16.1 24.1



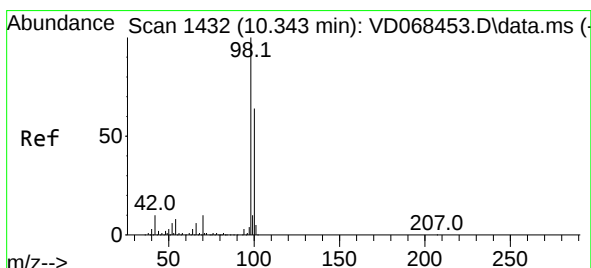
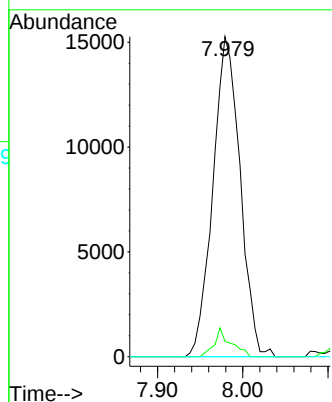
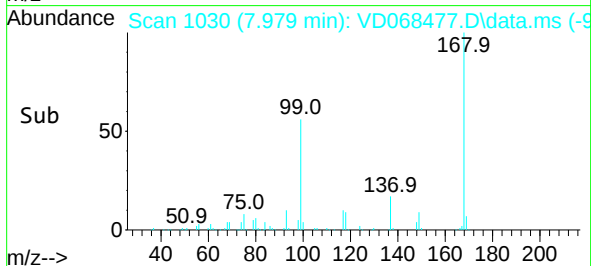


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25

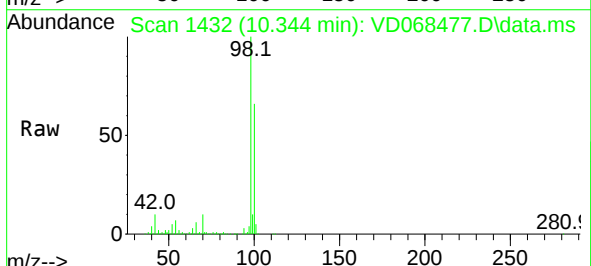
Instrument :
MSVOA_D
ClientSampleId :
SB-3



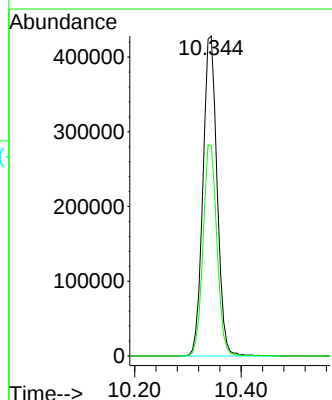
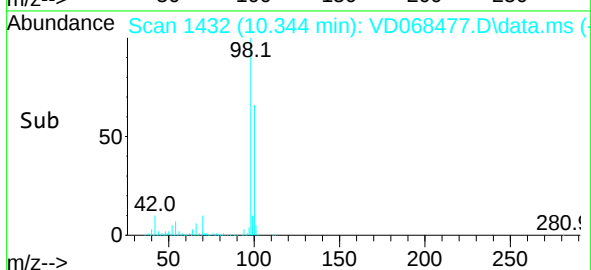
Tgt Ion:117 Resp: 33892
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.7 37.1#

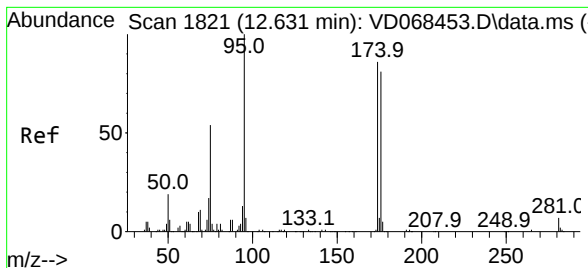


#50
Toluene-d8
Concen: 52.21 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25



Tgt Ion: 98 Resp: 787045
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4

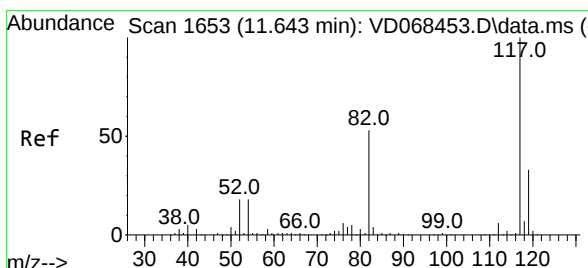
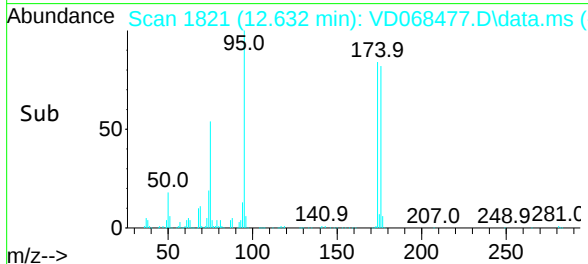
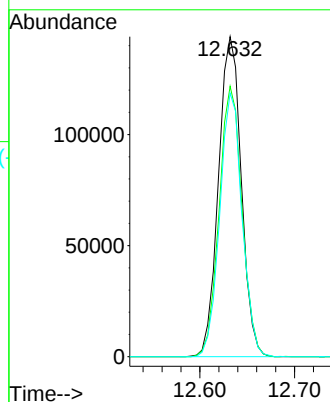
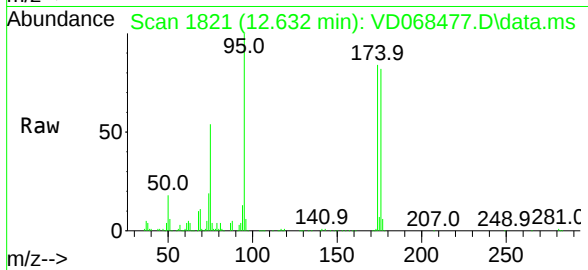




#62
4-Bromofluorobenzene
Concen: 49.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25

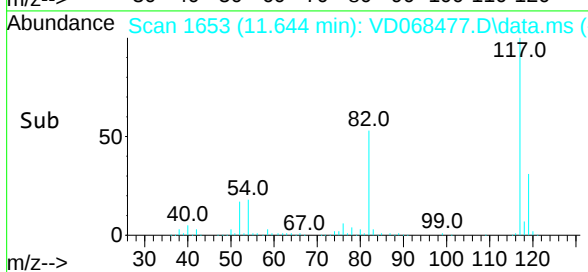
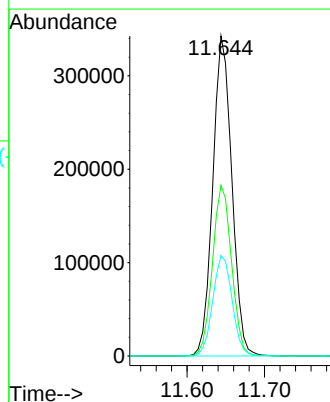
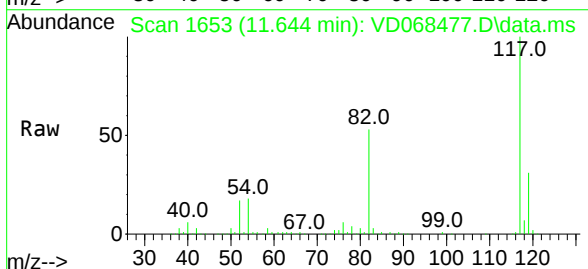
Instrument :
MSVOA_D
ClientSampled :
SB-3

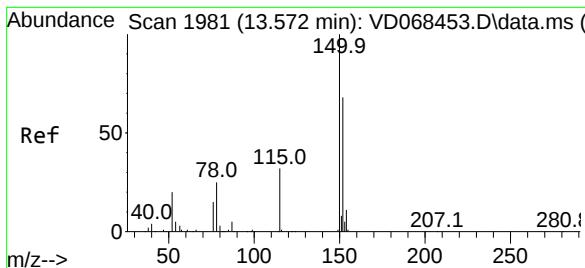
Tgt Ion: 95 Resp: 240680
Ion Ratio Lower Upper
95 100
174 84.7 0.0 172.4
176 80.7 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068477.D
Acq: 01 Mar 2021 13:25

Tgt Ion: 117 Resp: 585012
Ion Ratio Lower Upper
117 100
82 53.3 41.4 62.0
119 31.4 26.1 39.1

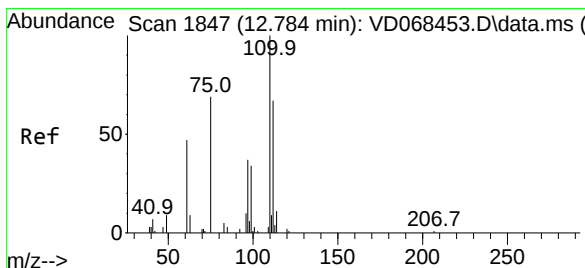
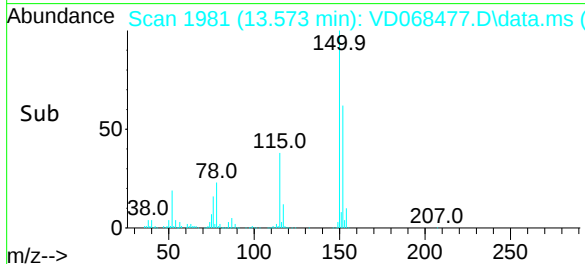
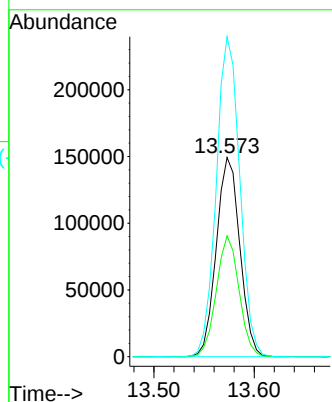
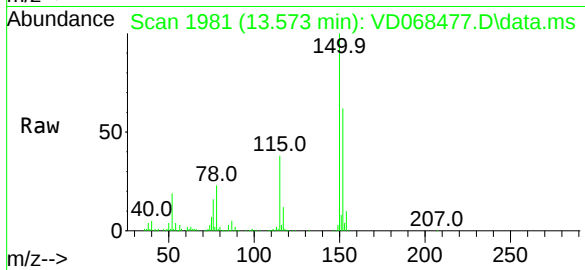




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068477.D
 Acq: 01 Mar 2021 13:25

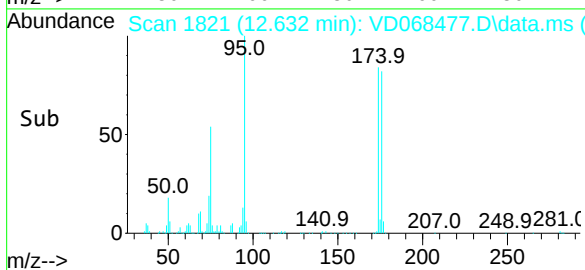
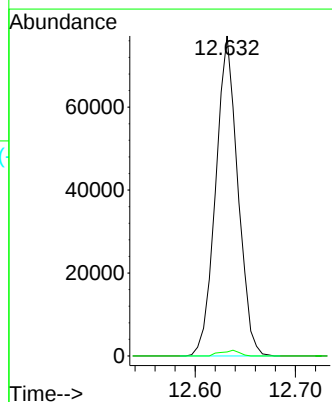
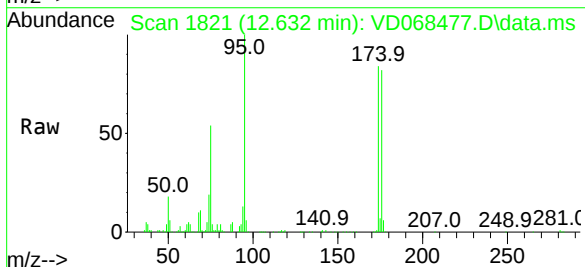
Instrument :
 MSVOA_D
 ClientSampled :
 SB-3

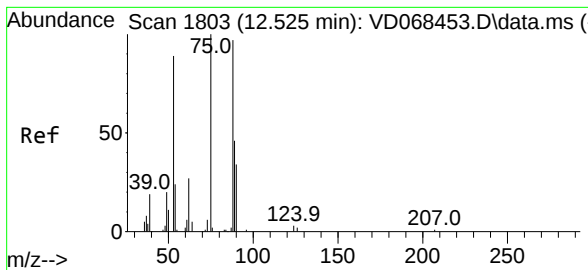
Tgt Ion:152 Resp: 243225
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.9 86.8
 150 160.3 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 54.58 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068477.D
 Acq: 01 Mar 2021 13:25

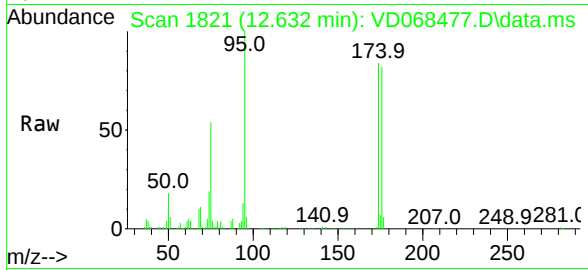
Tgt Ion: 75 Resp: 117854
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.37 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068477.D
 Acq: 01 Mar 2021 13:25

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3



Tgt Ion: 75 Resp: 117854
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

