

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068531.D
 Acq On : 04 Mar 2021 17:57
 Operator : VA/SY
 Sample : M1567-01
 Misc : 6.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:03:28 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	327474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	568166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	528058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	221717	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	167446	51.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.36%
35) Dibromofluoromethane	7.914	113	173740	50.76	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.52%
50) Toluene-d8	10.344	98	705883	51.78	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.56%
62) 4-Bromofluorobenzene	12.632	95	219843	50.04	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.08%

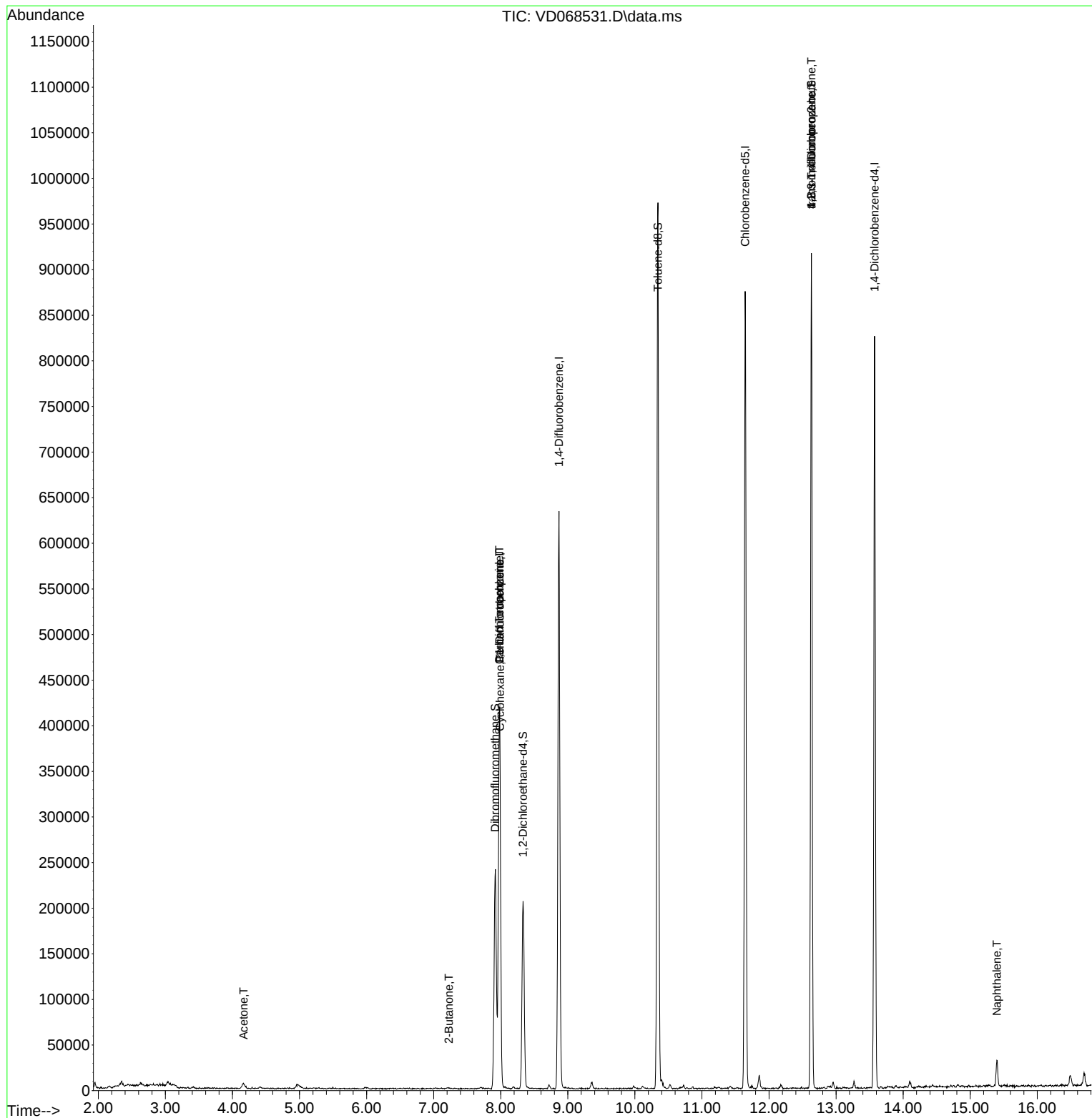
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.168	43	9717	18.70	ug/l	90
20) Methylene Chloride	4.979	84	2188	Below Cal	#	75
25) 2-Butanone	7.226	43	1638	2.19	ug/l #	43
31) Cyclohexane	7.991	56	7887	1.33	ug/l #	66
36) 1,1-Dichloropropene	7.979	75	24301	4.50	ug/l #	48
38) Carbon Tetrachloride	7.979	117	31771	6.26	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	111659	56.73	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	111659	132.38	ug/l #	14
95) Naphthalene	15.396	128	26115	3.00	ug/l	97

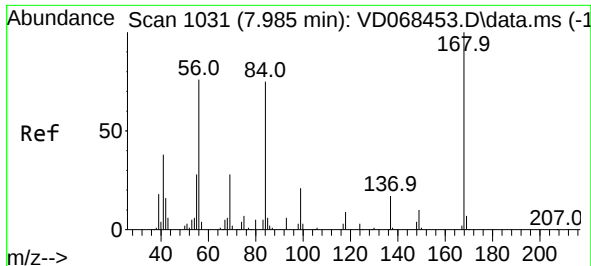
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
Data File : VD068531.D
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Misc : 6.63G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Mar 05 00:03:28 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

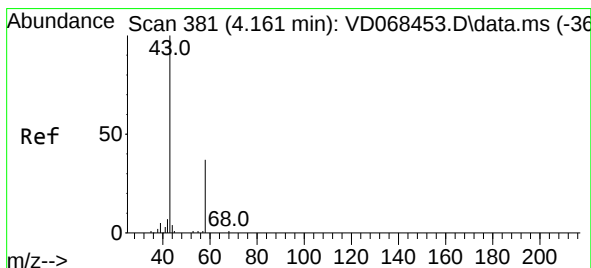
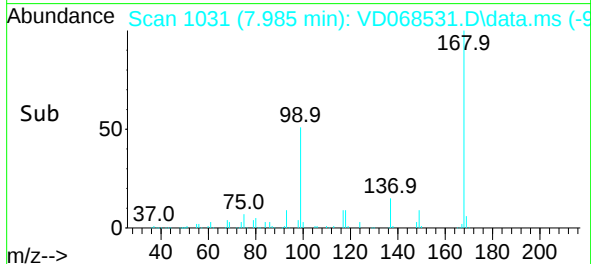
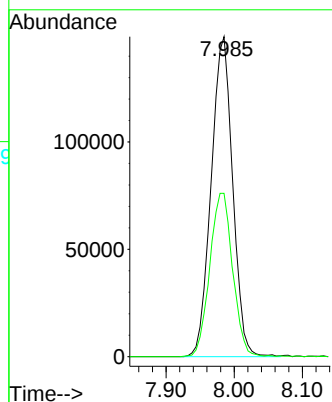
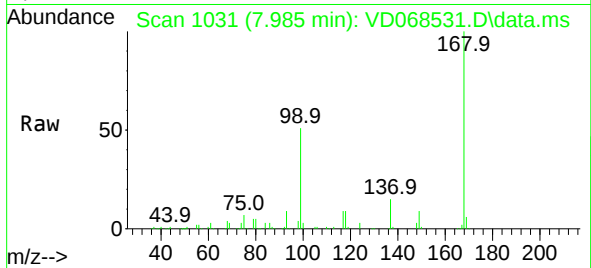




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

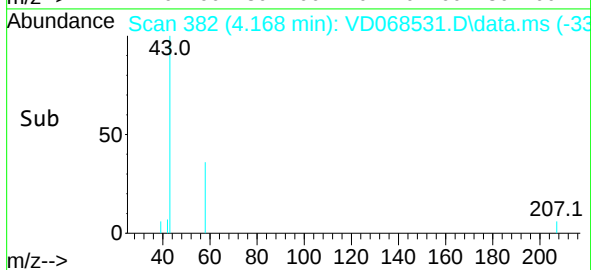
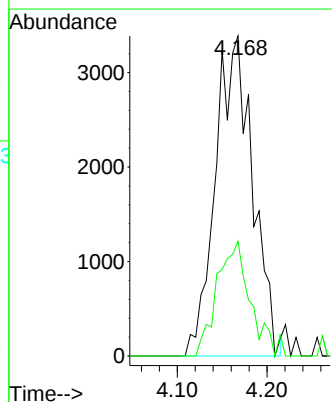
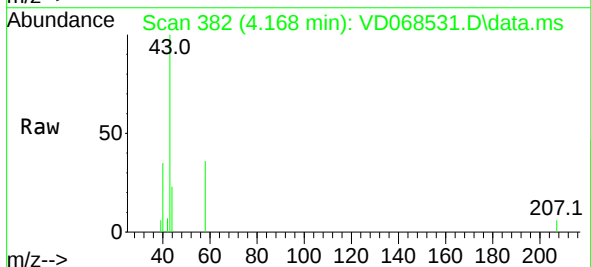
Instrument :
MSVOA_D
ClientSampled :

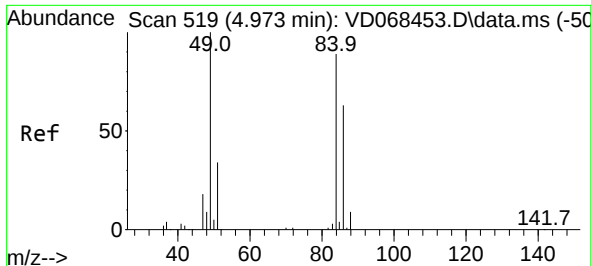
Tgt Ion:168 Resp: 327474
Ion Ratio Lower Upper
168 100
99 51.1 43.5 65.3



#16
Acetone
Concen: 18.70 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

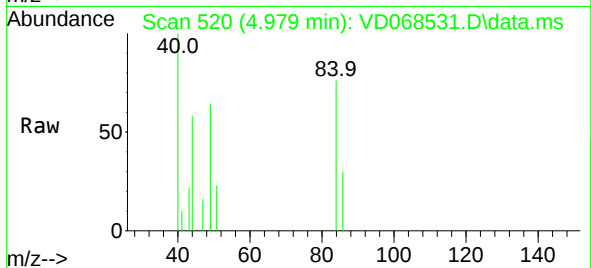
Tgt Ion: 43 Resp: 9717
Ion Ratio Lower Upper
43 100
58 35.8 24.2 36.4



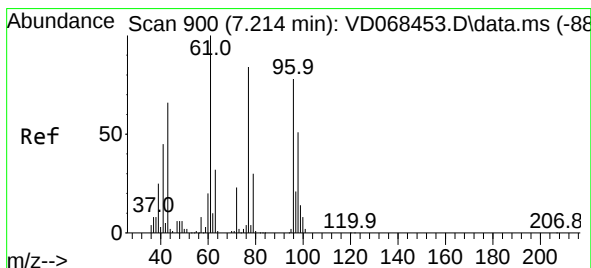
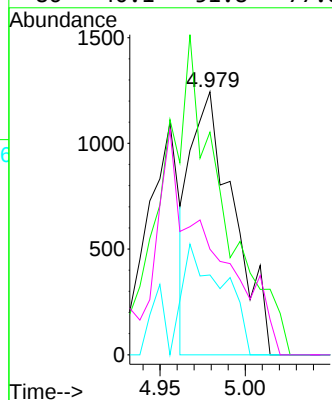
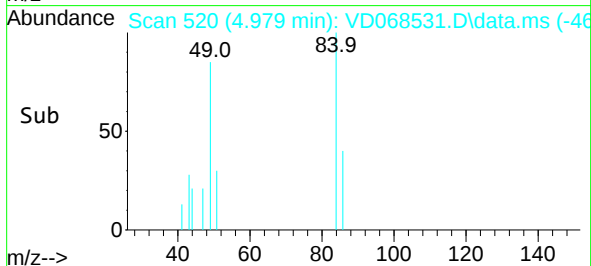


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

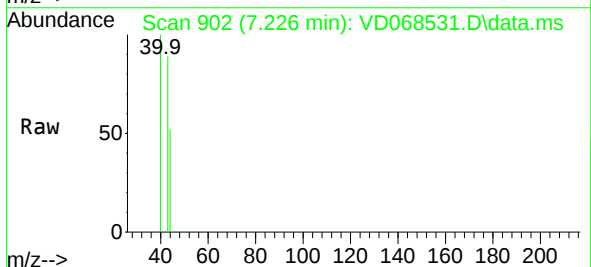
Instrument :
MSVOA_D
ClientSampleId :



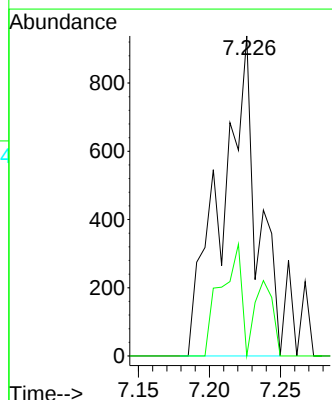
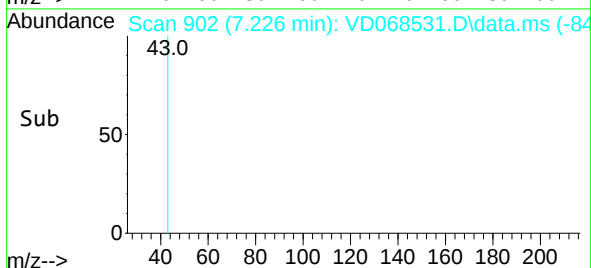
Tgt Ion: 84 Resp: 2188
Ion Ratio Lower Upper
84 100
49 68.9 77.4 116.2#
51 30.3 26.1 39.1
86 40.1 51.8 77.8#

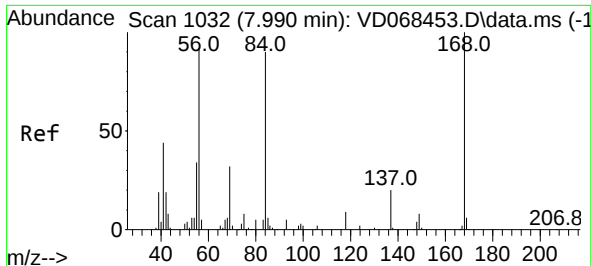


#25
2-Butanone
Concen: 2.19 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.012 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57



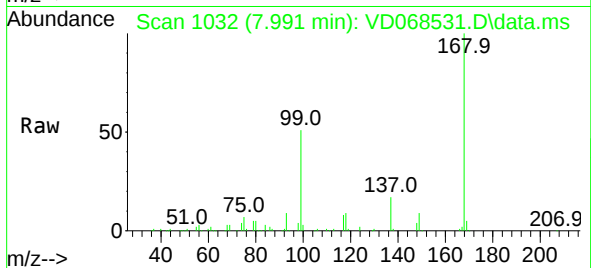
Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



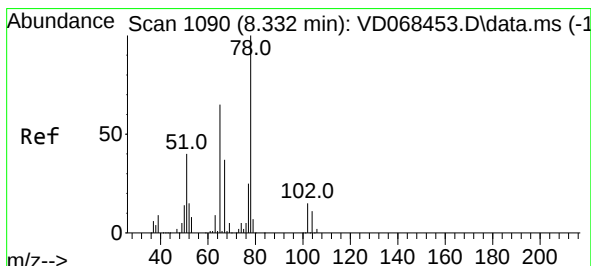
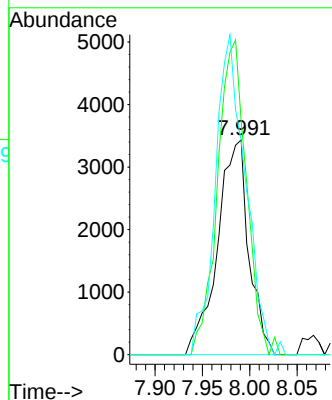
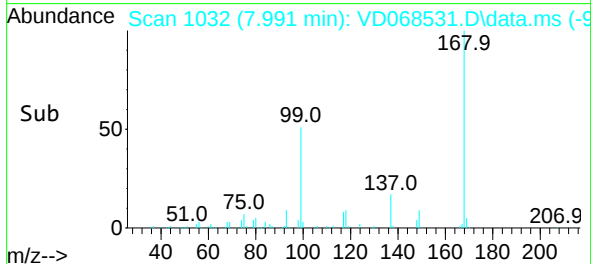


#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

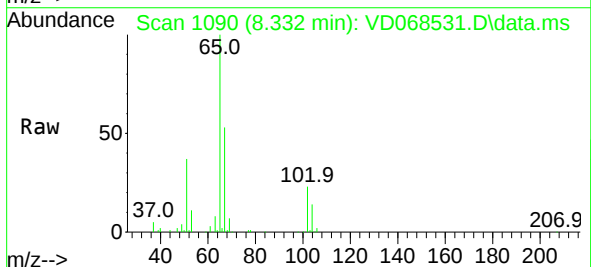
Instrument :
MSVOA_D
ClientSampled :



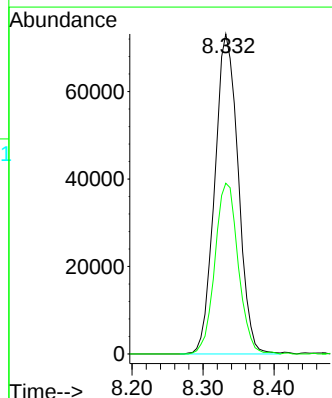
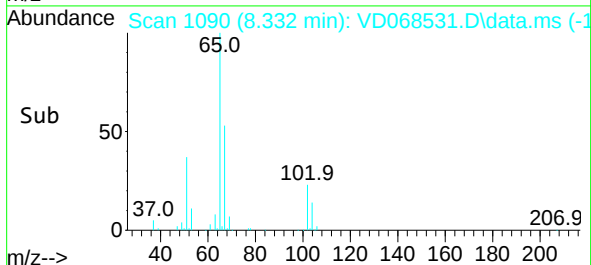
Tgt Ion: 56 Resp: 7887
Ion Ratio Lower Upper
56 100
69 108.9 30.1 45.1#
84 99.8 82.1 123.1

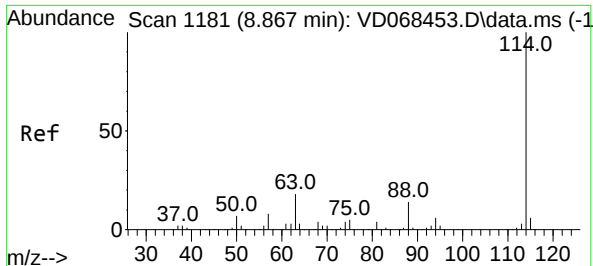


#33
1,2-Dichloroethane-d4
Concen: 51.18 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57



Tgt Ion: 65 Resp: 167446
Ion Ratio Lower Upper
65 100
67 53.1 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: VD068531.D

Acq: 04 Mar 2021 17:57

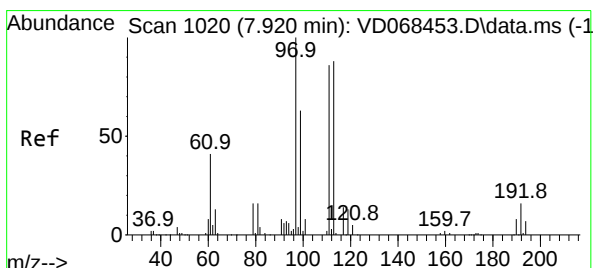
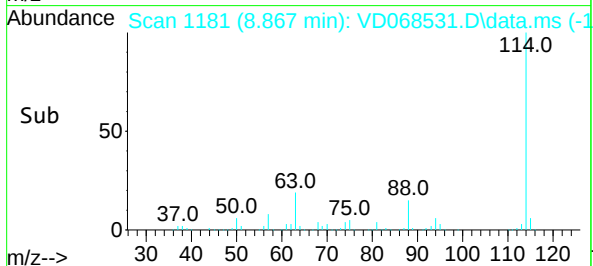
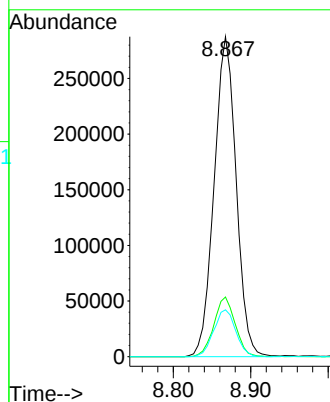
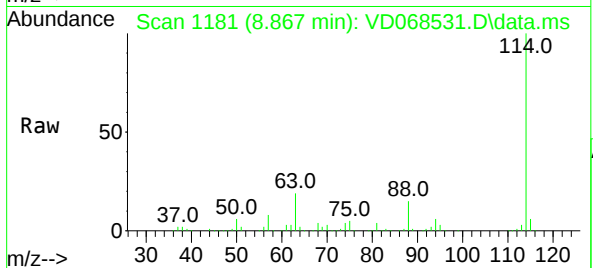
Tgt Ion:114 Resp: 568166

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

88 14.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.76 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068531.D

Acq: 04 Mar 2021 17:57

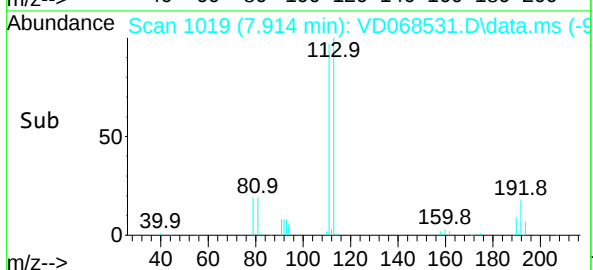
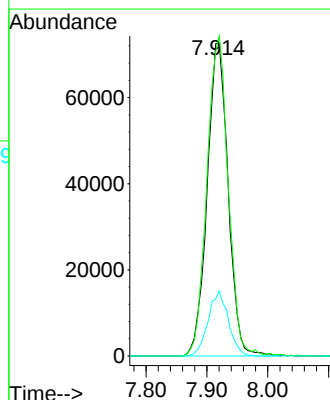
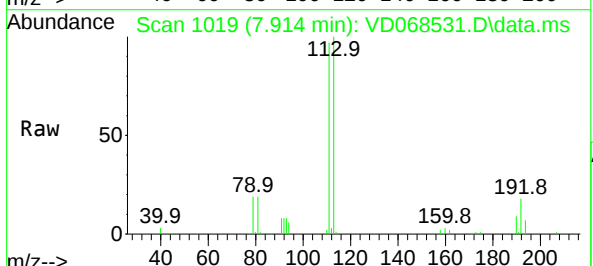
Tgt Ion:113 Resp: 173740

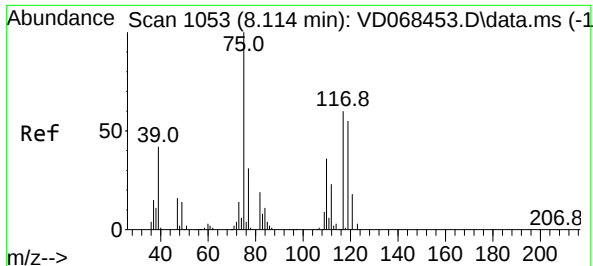
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 20.0 16.1 24.1

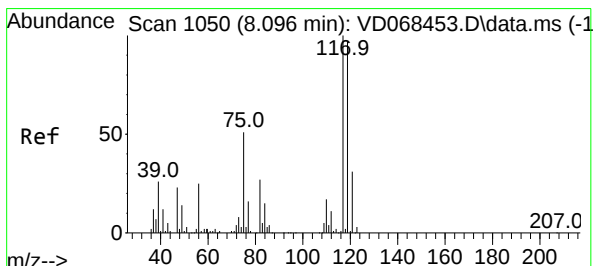
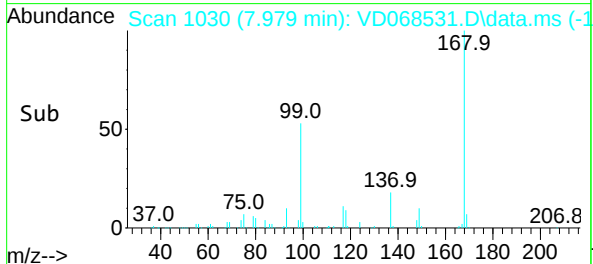
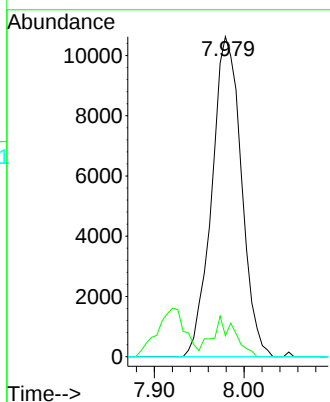
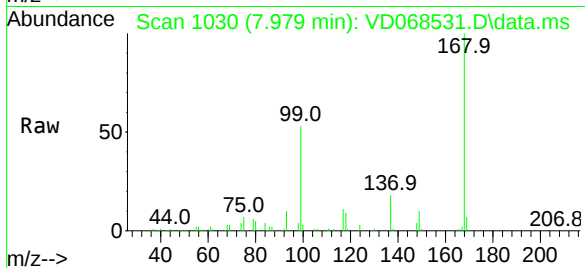




#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

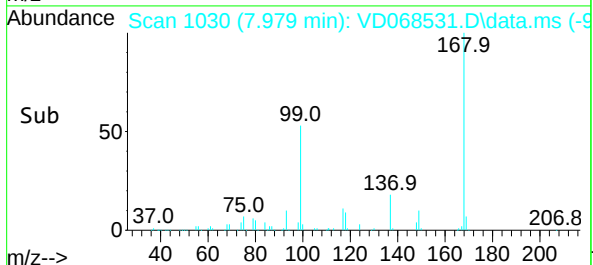
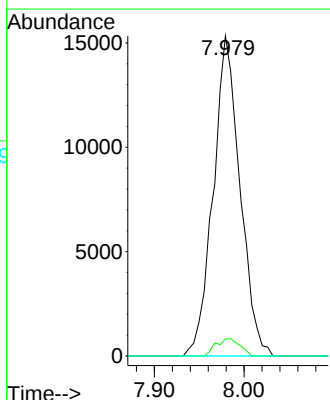
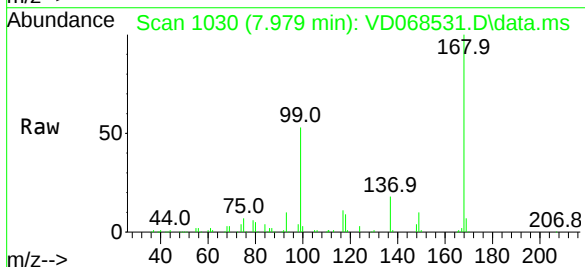
Instrument :
MSVOA_D
ClientSampled :

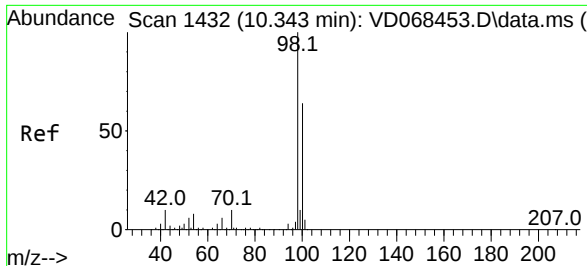
Tgt Ion: 75 Resp: 24301
Ion Ratio Lower Upper
75 100
110 9.6 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Tgt Ion: 117 Resp: 31771
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.7 37.1#

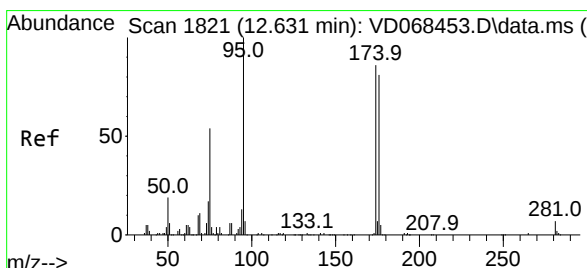
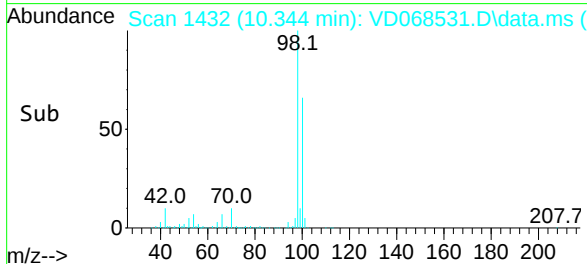
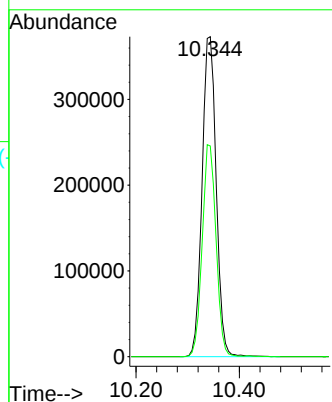
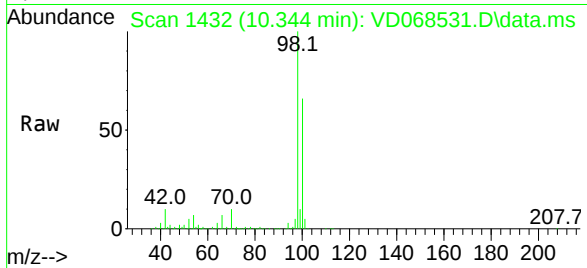




#50
Toluene-d8
Concen: 51.78 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

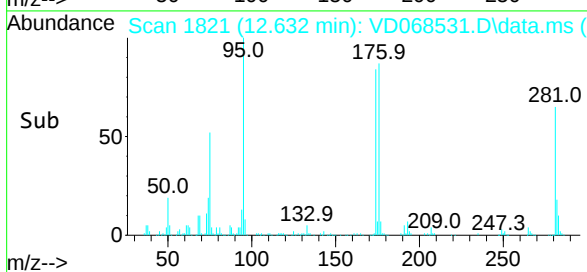
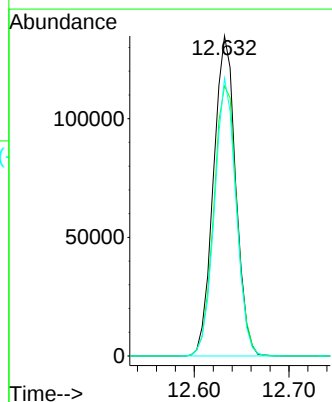
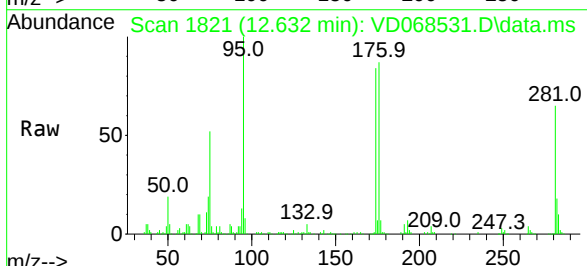
Instrument :
MSVOA_D
ClientSampleId :

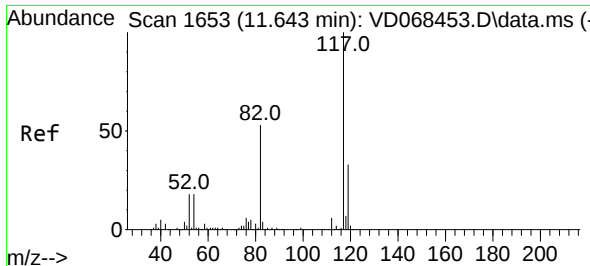
Tgt Ion: 98 Resp: 705883
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 50.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Tgt Ion: 95 Resp: 219843
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.4
176 83.9 0.0 168.4

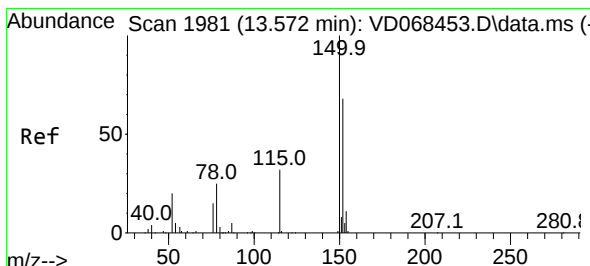
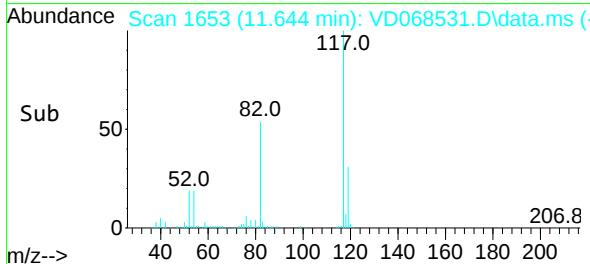
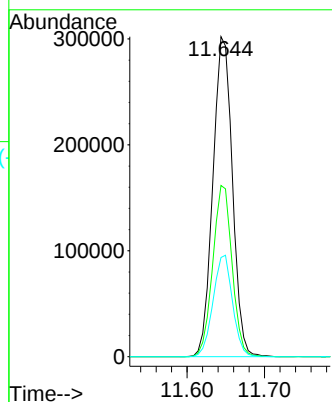
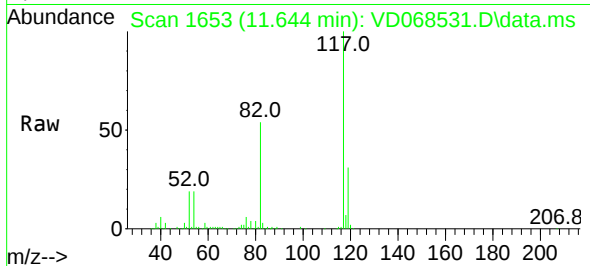




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

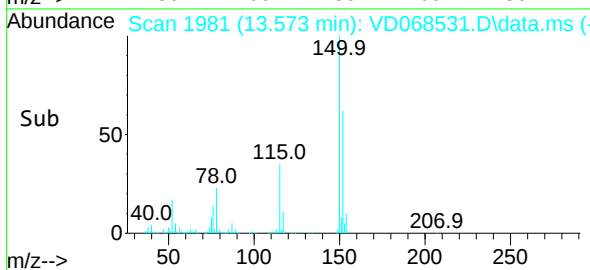
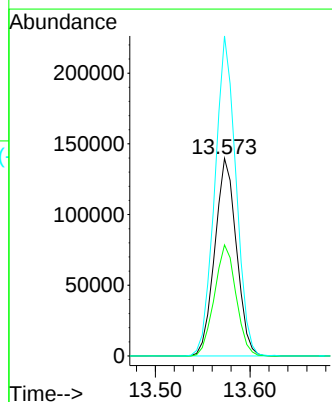
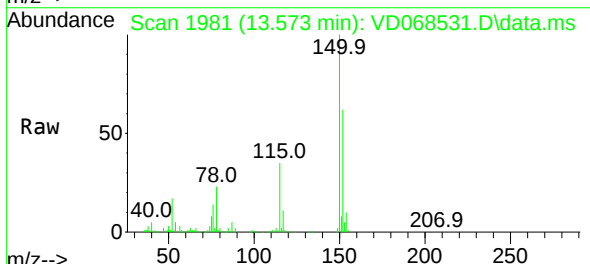
Instrument :
MSVOA_D
ClientSampled :

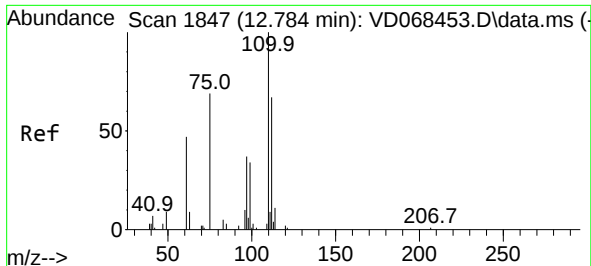
Tgt Ion:117 Resp: 528058
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 31.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Tgt Ion:152 Resp: 221717
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.8
150 158.6 0.0 344.4

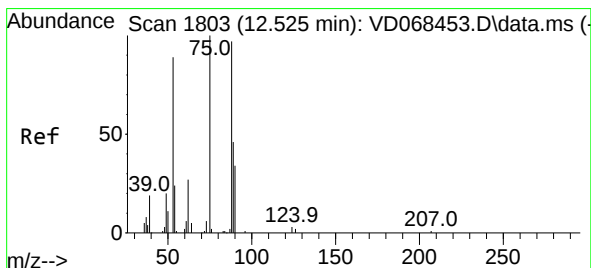
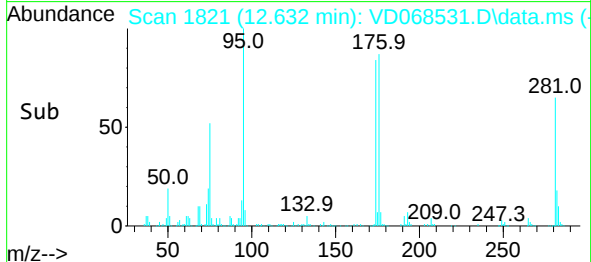
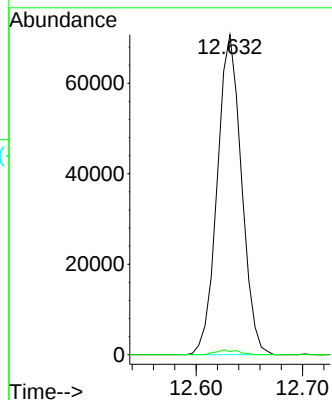
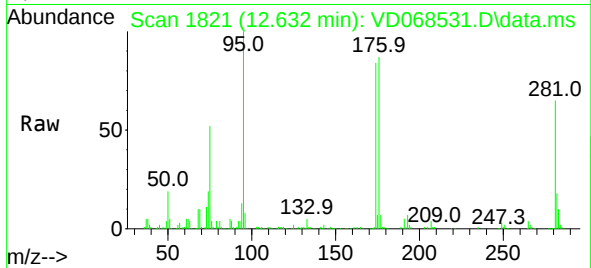




#76
1,2,3-Trichloropropane
Concen: 56.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

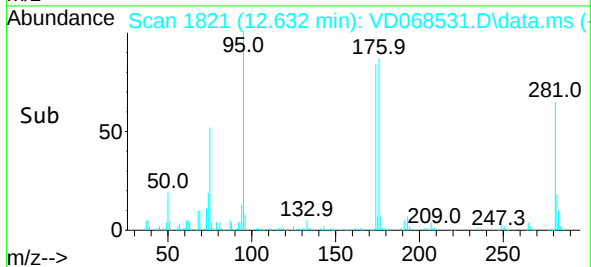
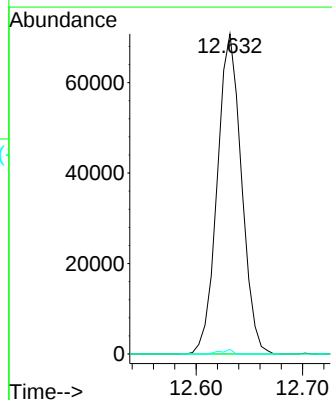
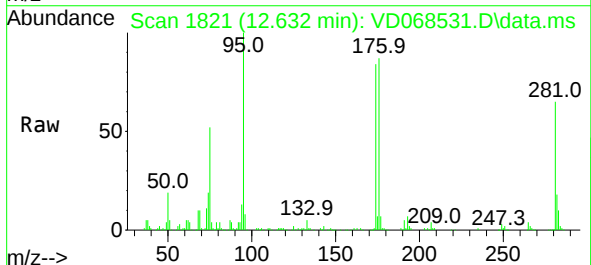
Instrument :
MSVOA_D
ClientSampleId :

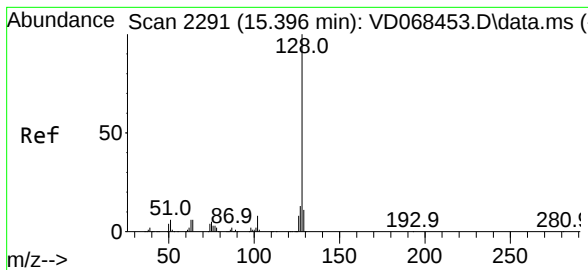
Tgt Ion: 75 Resp: 111659
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.38 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Tgt Ion: 75 Resp: 111659
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.7 40.3 60.5#





#95
Naphthalene
Concen: 3.00 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068531.D
Acq: 04 Mar 2021 17:57

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 26115
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 12.7 8.8 13.2

