

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
 Data File : VD068918.D
 Acq On : 20 Apr 2021 12:58
 Operator : VA/SY
 Sample : M2076-13
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 21 08:07:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

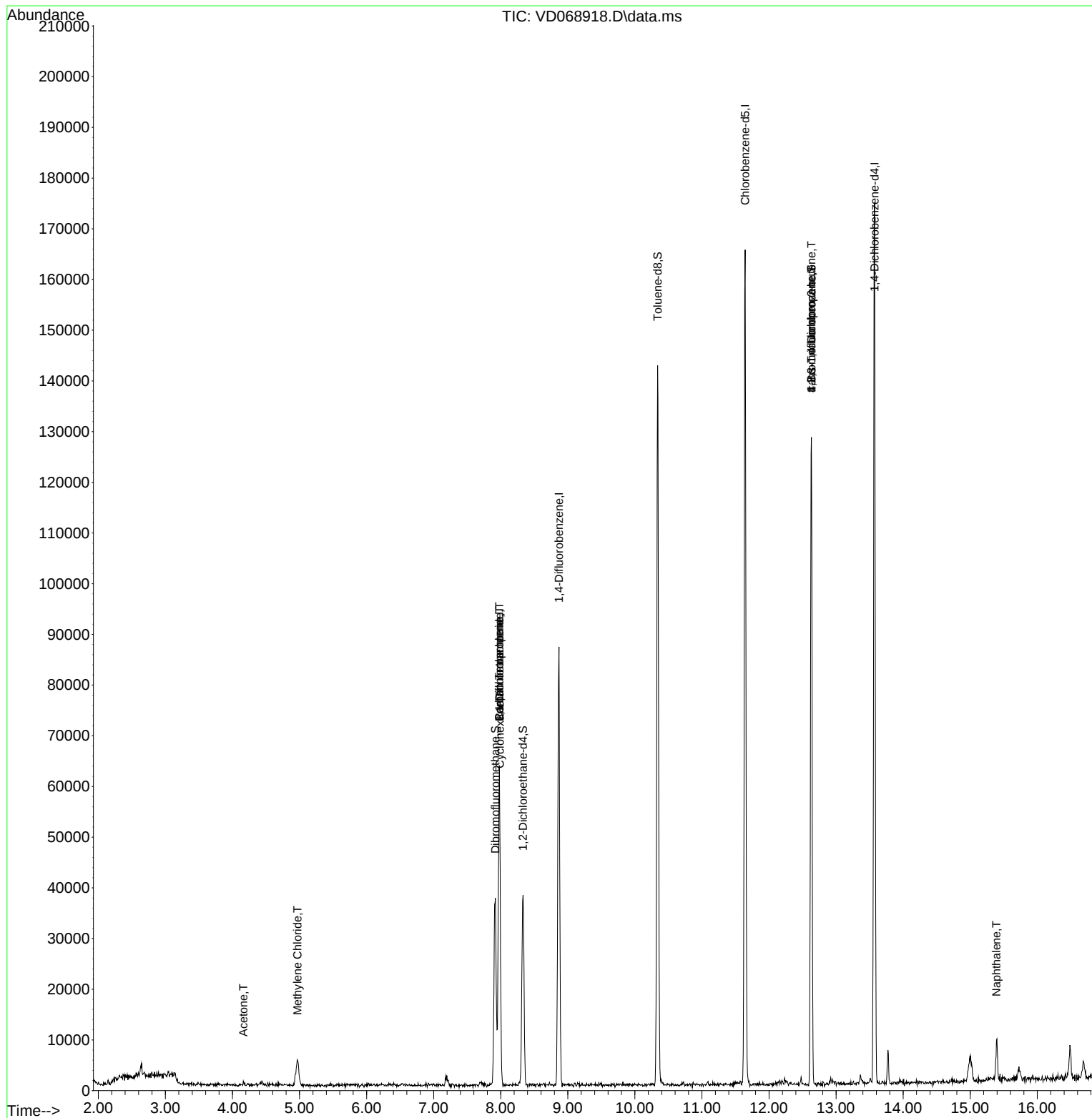
Internal Standards						
1) Pentafluorobenzene	7.979	168	46958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	78163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	101728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	49679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	31126	62.72	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.44%			
35) Dibromofluoromethane	7.920	113	27463	54.02	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.04%			
50) Toluene-d8	10.338	98	104197	54.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.66%			
62) 4-Bromofluorobenzene	12.632	95	42593	66.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 133.74%			
Target Compounds						
11) Tert butyl alcohol	5.197	59	55	Below Cal	#	73
16) Acetone	4.162	43	628	9.14	ug/l #	67
20) Methylene Chloride	4.968	84	4701	4.02	ug/l	89
31) Cyclohexane	7.985	56	960	1.16	ug/l #	26
36) 1,1-Dichloropropene	7.979	75	3928	4.96	ug/l #	42
38) Carbon Tetrachloride	7.979	117	4408	5.63	ug/l #	12
76) 1,2,3-Trichloropropane	12.632	75	20639	45.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	20639	105.54	ug/l #	16
95) Naphthalene	15.390	128	8212	5.10	ug/l	98

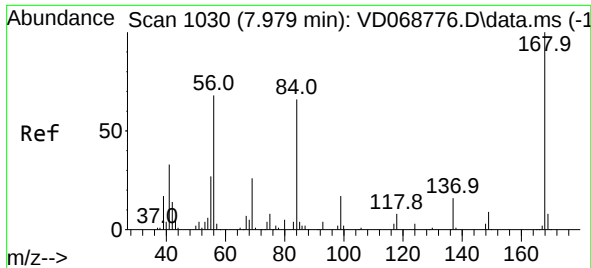
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042021\
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Quant Time: Apr 21 08:07:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

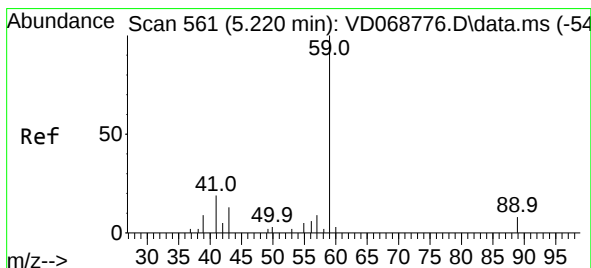
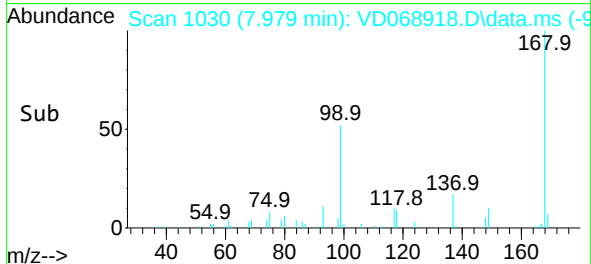
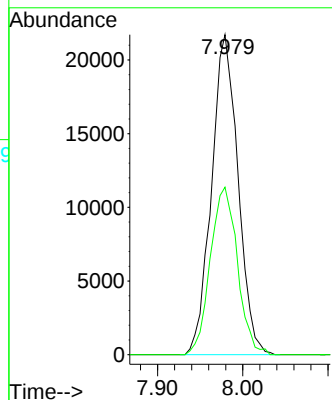
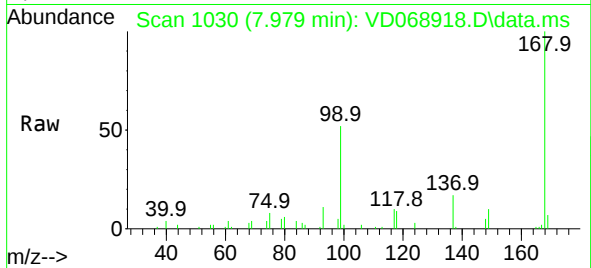




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

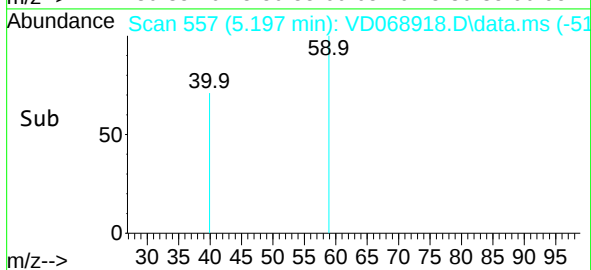
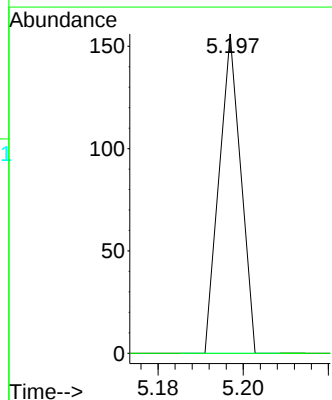
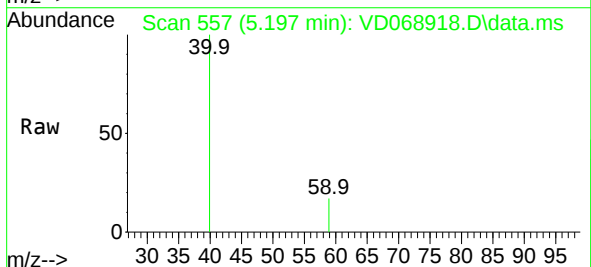
Instrument :
MSVOA_D
ClientSampled :

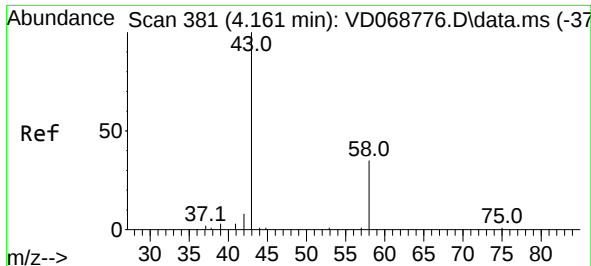
Tgt Ion:168 Resp: 46958
Ion Ratio Lower Upper
168 100
99 52.4 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

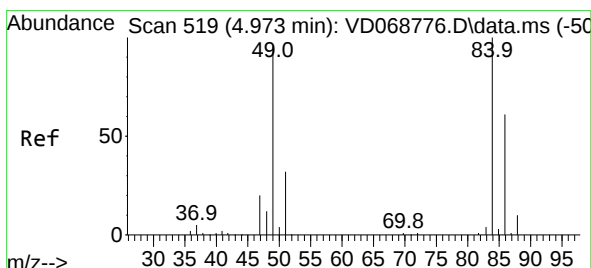
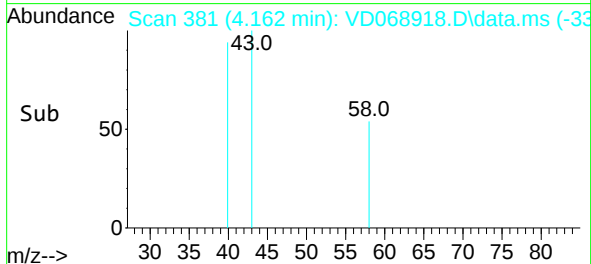
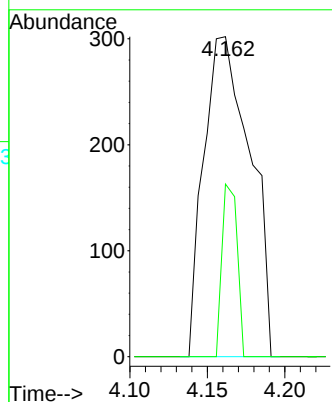
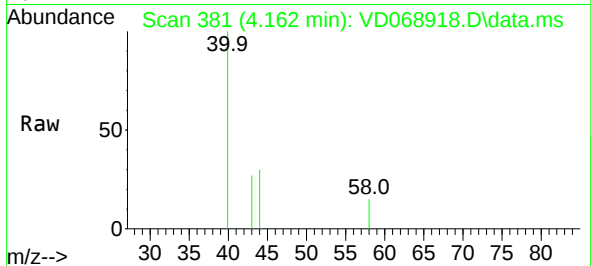




#16
Acetone
Concen: 9.14 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

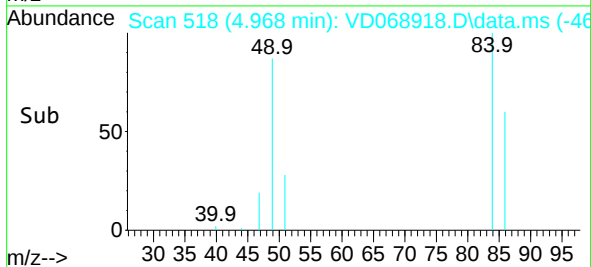
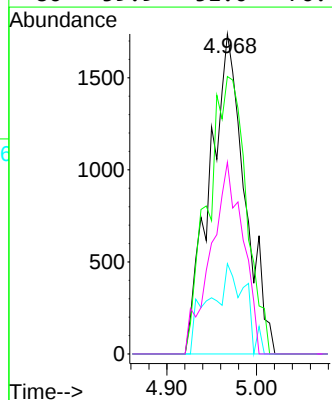
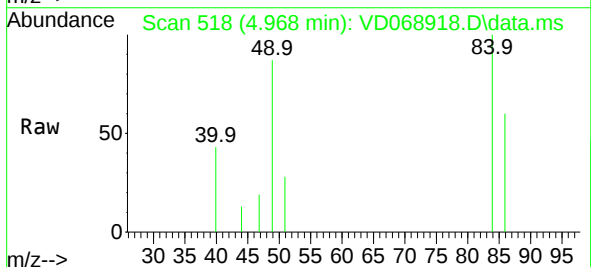
Instrument :
MSVOA_D
ClientSampled :

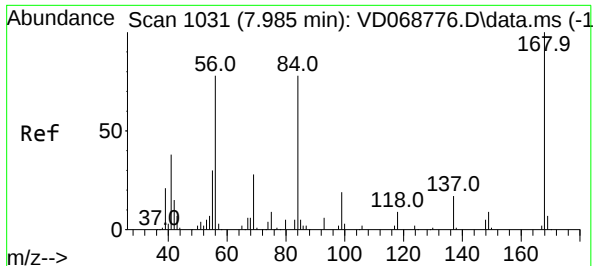
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 54.0 28.0 42.0#



#20
Methylene Chloride
Concen: 4.02 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

Tgt Ion: 84 Resp: 4701
Ion Ratio Lower Upper
84 100
49 86.7 83.4 125.0
51 28.2 23.4 35.2
86 59.9 51.0 76.4

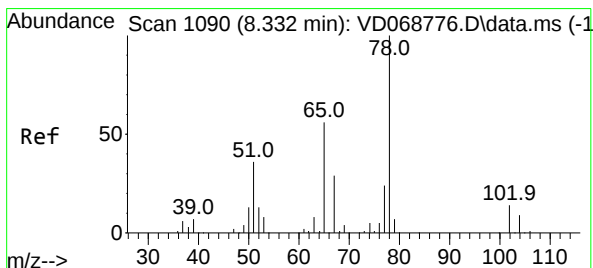
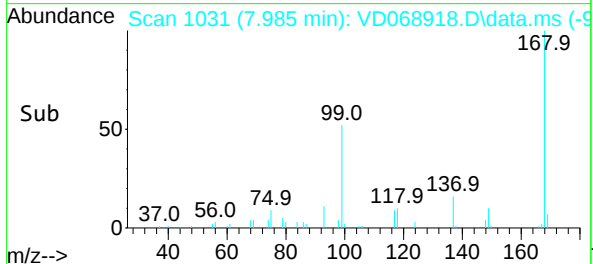
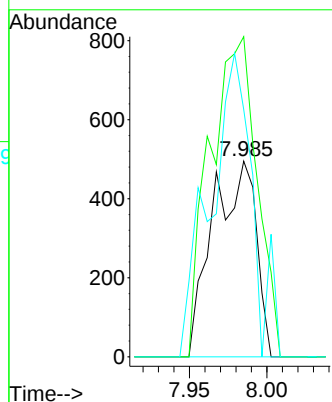
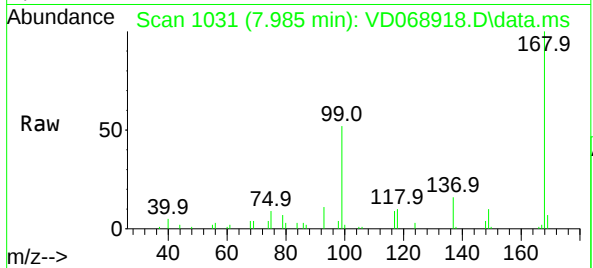




#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

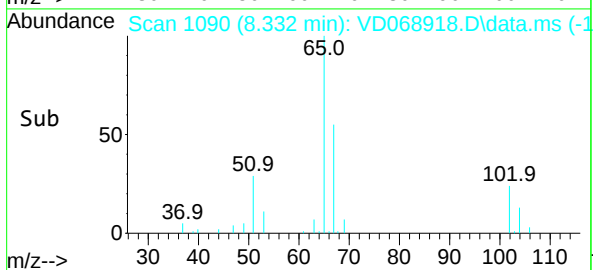
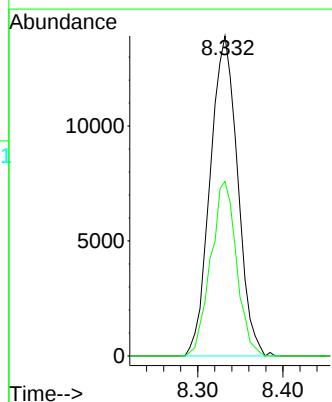
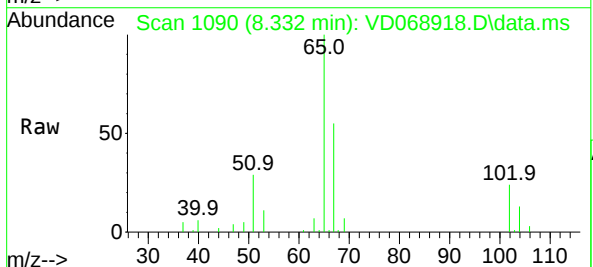
Instrument :
MSVOA_D
ClientSampleId :

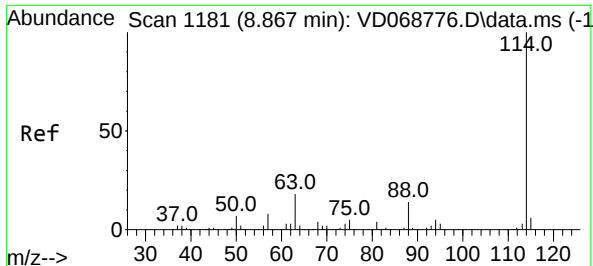
Tgt Ion: 56 Resp: 960
Ion Ratio Lower Upper
56 100
69 163.6 30.0 45.0#
84 126.5 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 62.72 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

Tgt Ion: 65 Resp: 31126
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

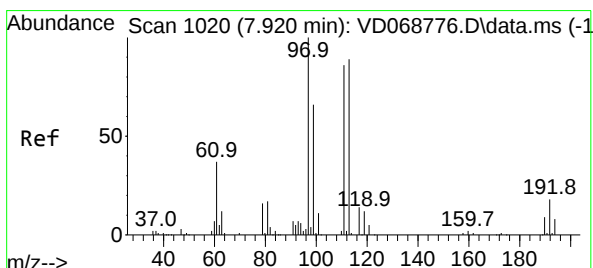
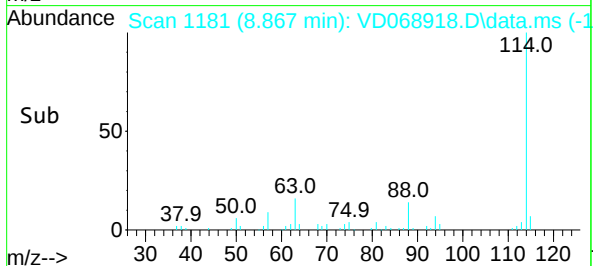
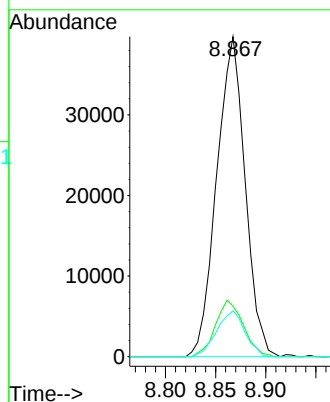
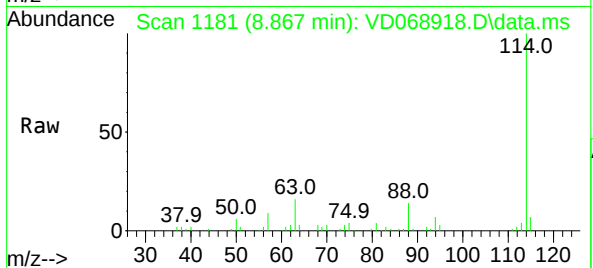
Delta R.T. 0.000 min

Lab File: VD068918.D

Acq: 20 Apr 2021 12:58

Tgt Ion:	114	Resp:	78163
Ion Ratio	Lower	Upper	
114	100		
63	15.8	0.0	38.2
88	14.4	0.0	29.4

Instrument :
MSVOA_D
ClientSampled :



#35

Dibromofluoromethane

Concen: 54.02 ug/l

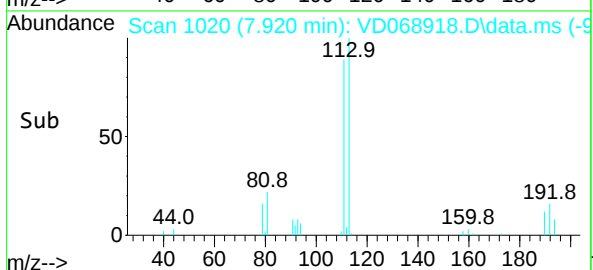
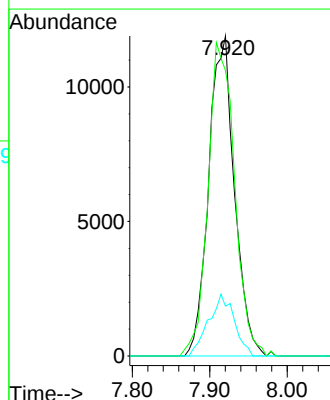
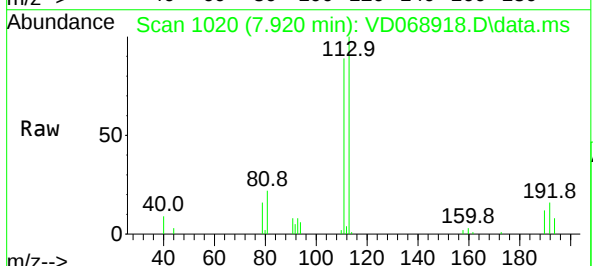
RT: 7.920 min Scan# 1020

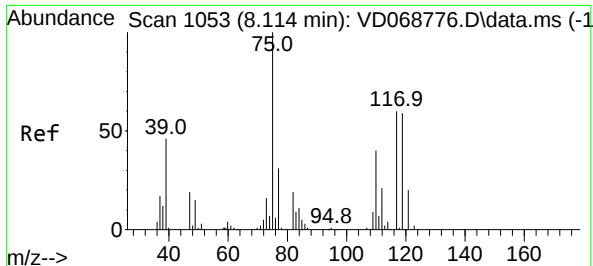
Delta R.T. 0.000 min

Lab File: VD068918.D

Acq: 20 Apr 2021 12:58

Tgt Ion:	113	Resp:	27463
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.5	123.7
192	19.2	15.1	22.7





#36

1,1-Dichloropropene

Concen: 4.96 ug/l

RT: 7.979 min Scan# 1030

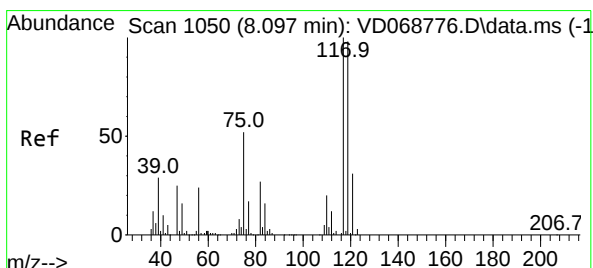
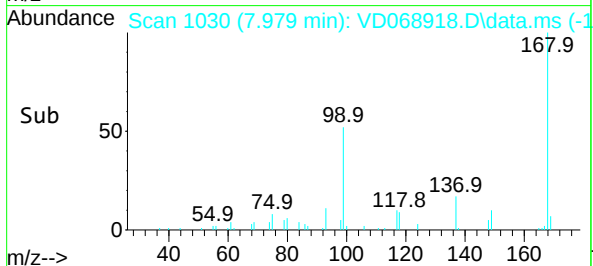
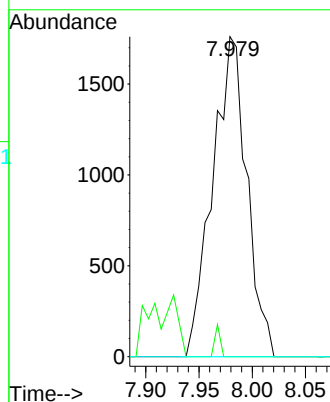
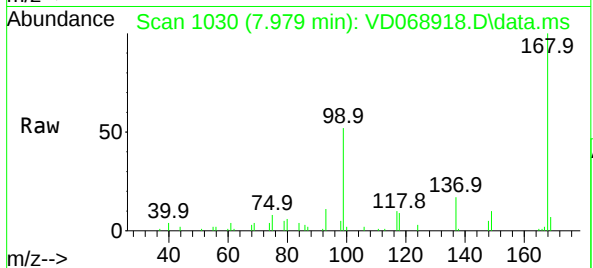
Delta R.T. -0.135 min

Lab File: VD068918.D

Acq: 20 Apr 2021 12:58

Tgt Ion: 75	Resp: 3928
Ion Ratio	Lower Upper
75 100	
110 1.6	18.1 54.4#
77 0.0	24.7 37.1#

Instrument :
MSVOA_D
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.63 ug/l

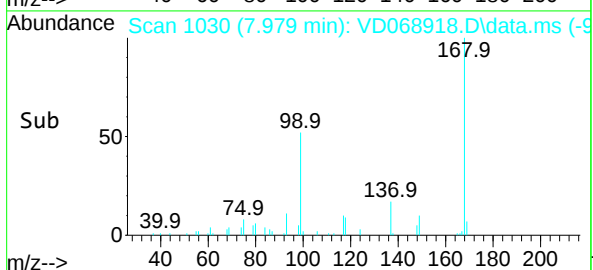
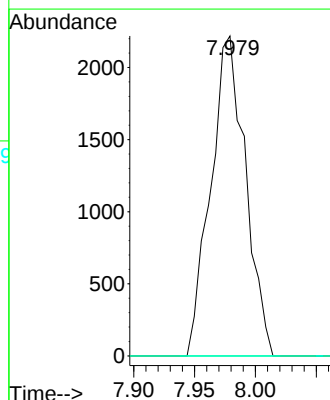
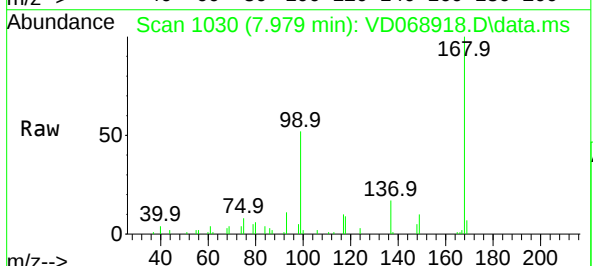
RT: 7.979 min Scan# 1030

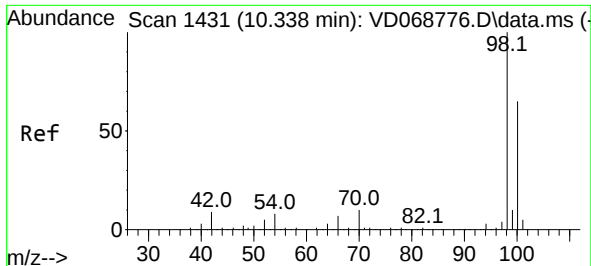
Delta R.T. -0.118 min

Lab File: VD068918.D

Acq: 20 Apr 2021 12:58

Tgt Ion: 117	Resp: 4408
Ion Ratio	Lower Upper
117 100	
119 0.0	76.6 115.0#
121 0.0	26.1 39.1#

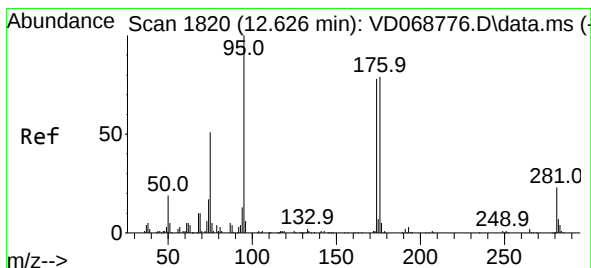
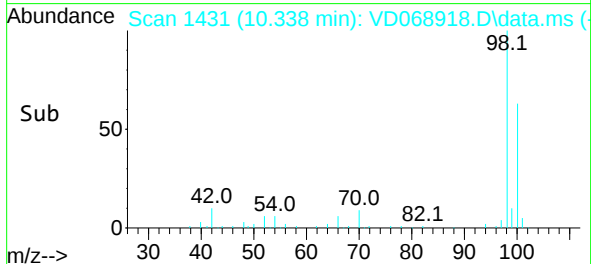
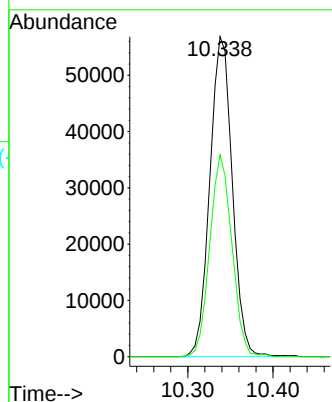
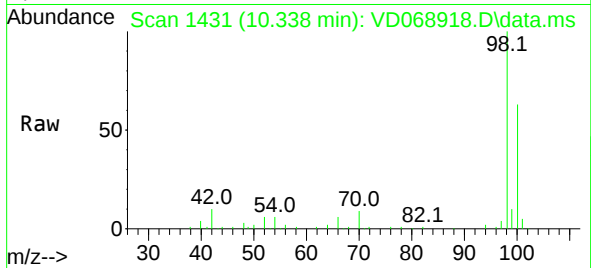




#50
Toluene-d8
Concen: 54.33 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

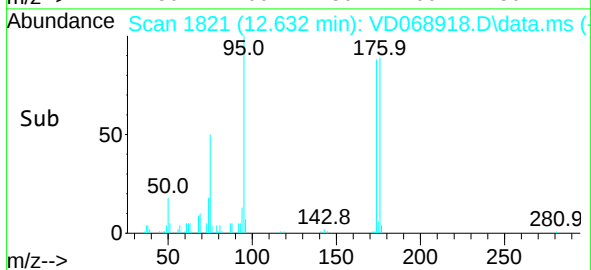
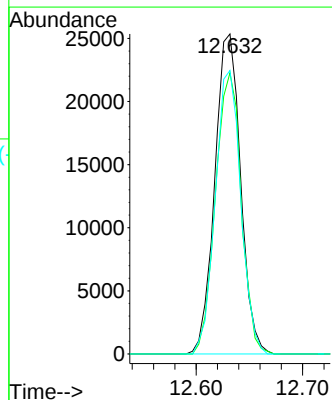
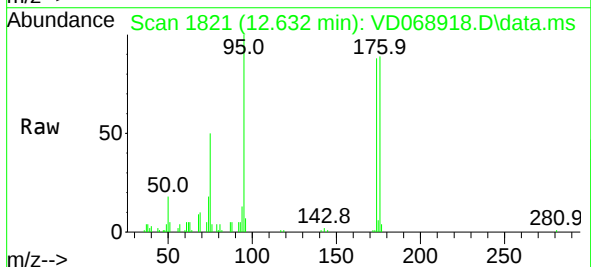
Instrument :
MSVOA_D
ClientSampled :

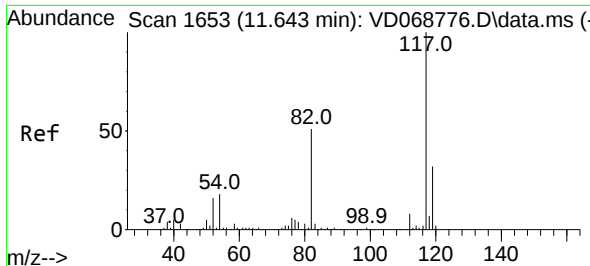
Tgt Ion: 98 Resp: 104197
Ion Ratio Lower Upper
98 100
100 62.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.87 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

Tgt Ion: 95 Resp: 42593
Ion Ratio Lower Upper
95 100
174 87.3 0.0 168.0
176 87.5 0.0 160.2

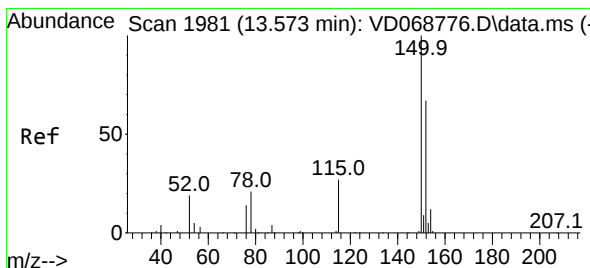
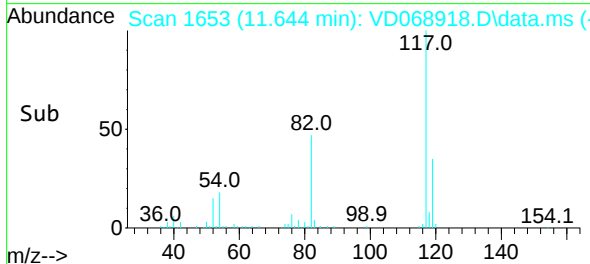
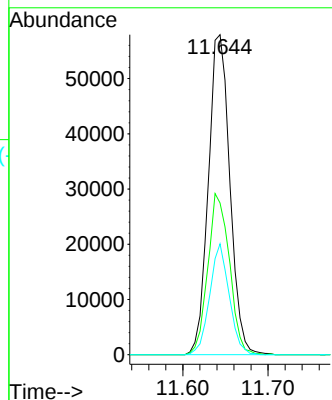
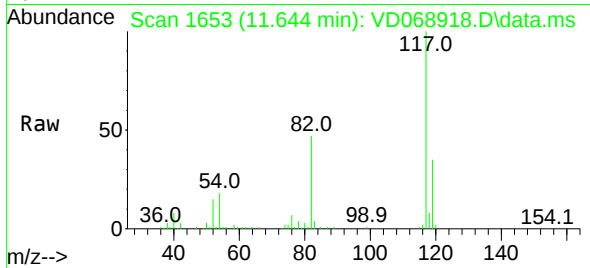




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

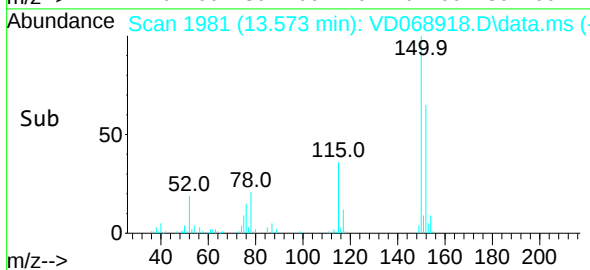
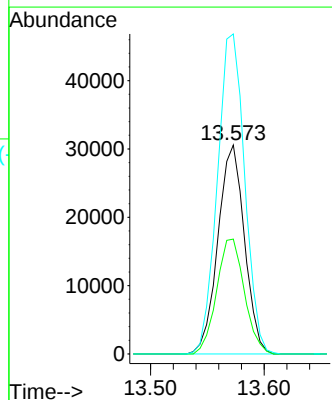
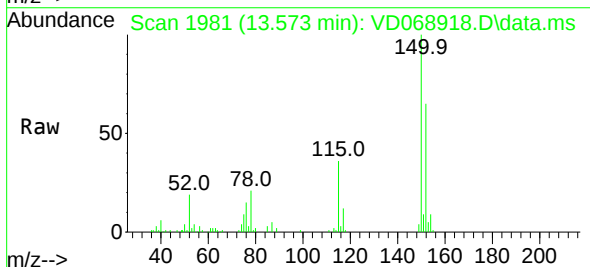
Instrument :
MSVOA_D
ClientSampleId :

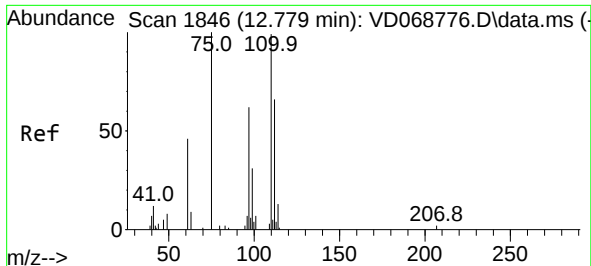
Tgt Ion:117 Resp: 101728
Ion Ratio Lower Upper
117 100
82 47.4 43.5 65.3
119 34.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

Tgt Ion:152 Resp: 49679
Ion Ratio Lower Upper
152 100
115 57.4 29.3 87.8
150 157.5 0.0 347.6

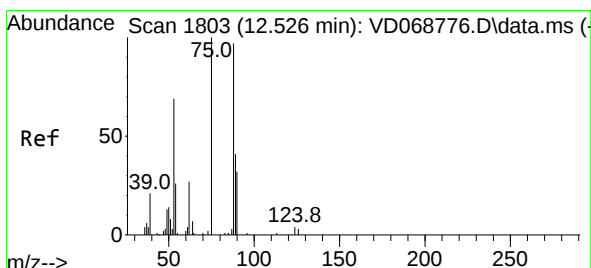
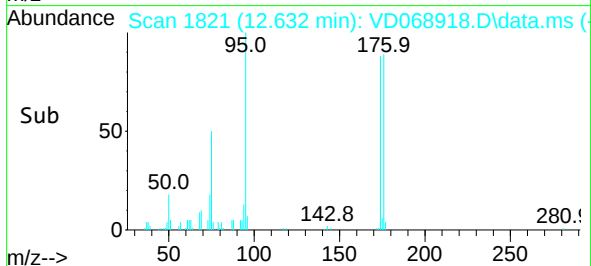
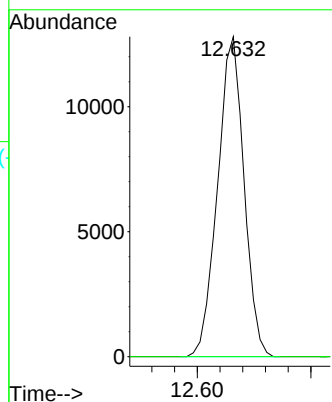
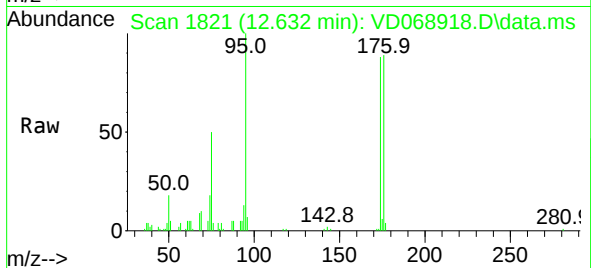




#76
1,2,3-Trichloropropane
Concen: 45.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

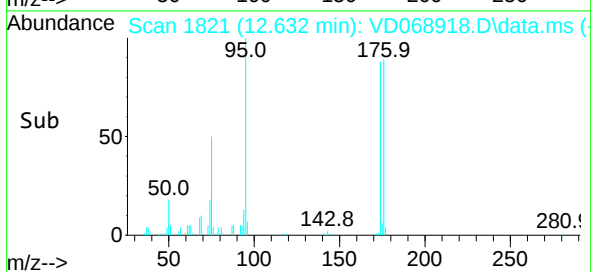
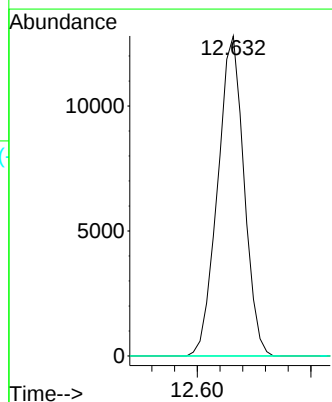
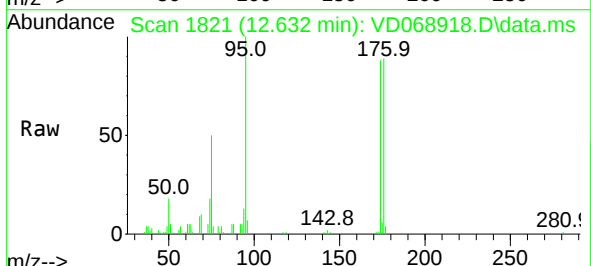
Instrument :
MSVOA_D
ClientSampled :

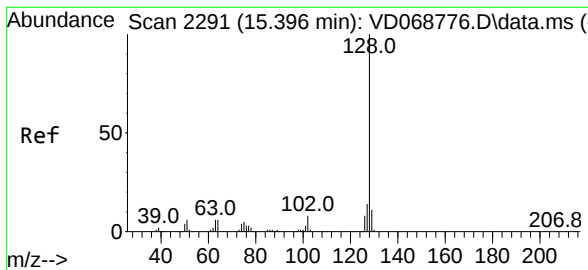
Tgt Ion: 75 Resp: 20639
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 105.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

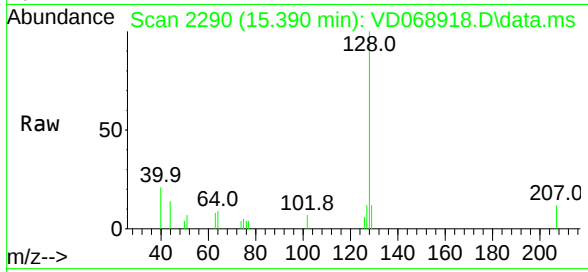
Tgt Ion: 75 Resp: 20639
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#





#95
Naphthalene
Concen: 5.10 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD068918.D
Acq: 20 Apr 2021 12:58

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 8212
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.4
129 11.2 8.9 13.3

