

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068227.D
 Acq On : 28 Jan 2021 17:01
 Operator : VA/SY
 Sample : M1270-03
 Misc : 6.36/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RS-SP2

Quant Time: Jan 29 00:10:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

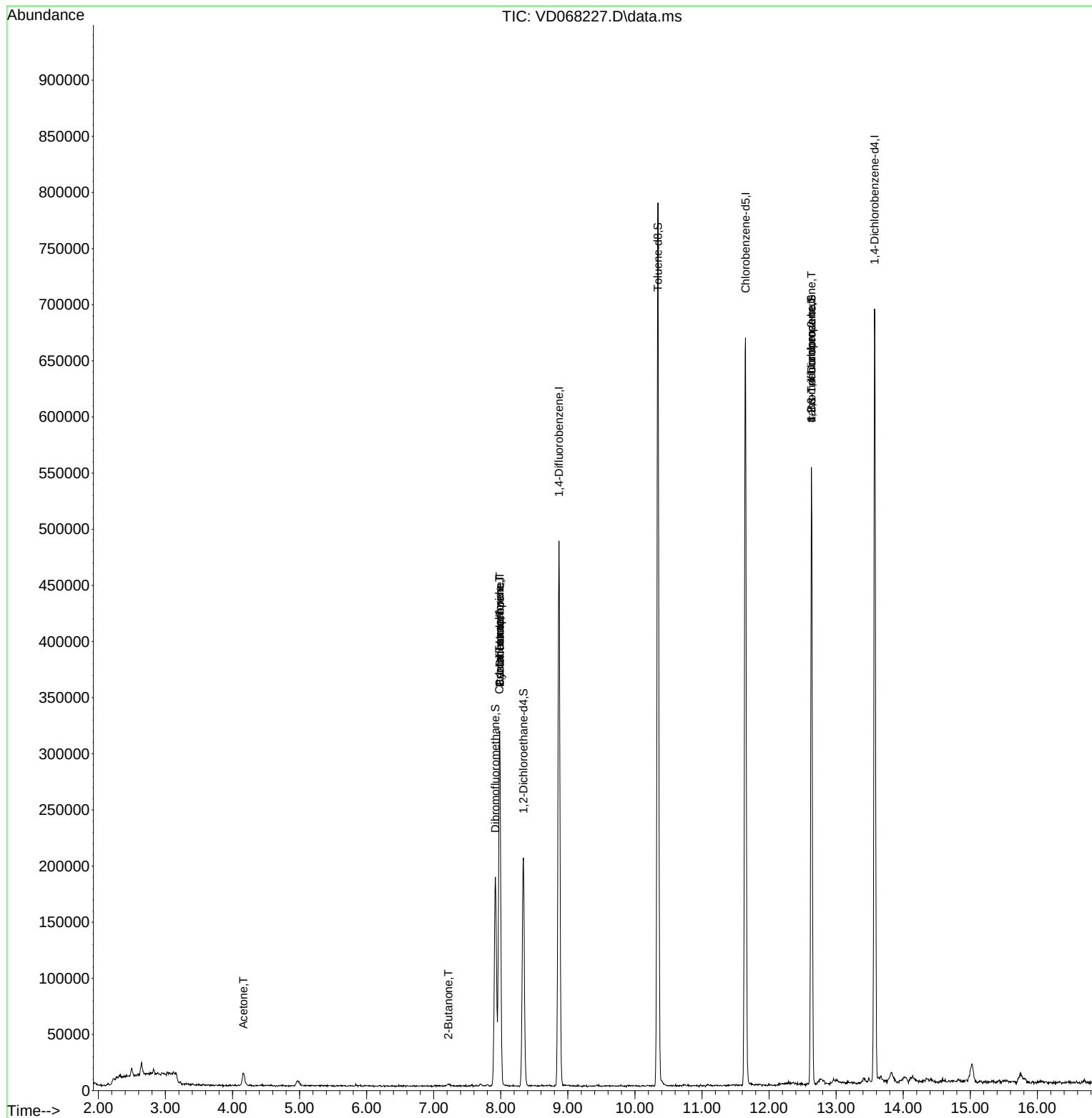
Internal Standards						
1) Pentafluorobenzene	7.985	168	243316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	433899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	401881	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	186005	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	162806	69.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.90%			
35) Dibromofluoromethane	7.920	113	134939	56.25	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.50%			
50) Toluene-d8	10.344	98	547268	57.03	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.06%			
62) 4-Bromofluorobenzene	12.632	95	189265	54.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.54%			
Target Compounds						
11) Tert butyl alcohol	5.197	59	58	Below Cal	#	74
16) Acetone	4.162	43	20022	48.18	ug/l	98
20) Methylene Chloride	4.973	84	2869	Below Cal	#	91
25) 2-Butanone	7.220	43	2834	4.53	ug/l	99
31) Cyclohexane	7.985	56	5087	1.01	ug/l	# 1
36) 1,1-Dichloropropene	7.985	75	20053	4.58	ug/l	# 47
38) Carbon Tetrachloride	7.979	117	24258	5.92	ug/l	# 15
76) 1,2,3-Trichloropropane	12.632	75	95933	53.34	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	95933	107.94	ug/l	# 13

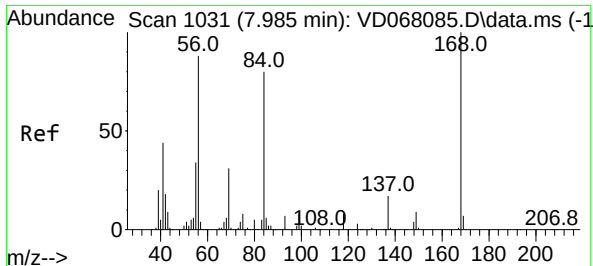
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
Data File : VD068227.D
Acq On : 28 Jan 2021 17:01
Operator : VA/SY
Sample : M1270-03
Misc : 6.36/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RS-SP2

Quant Time: Jan 29 00:10:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

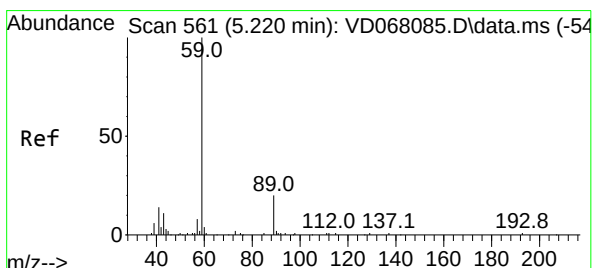
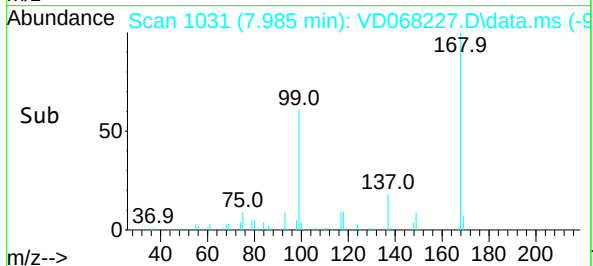
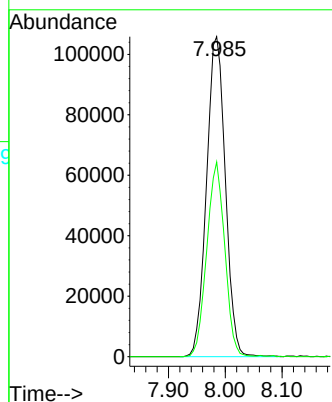
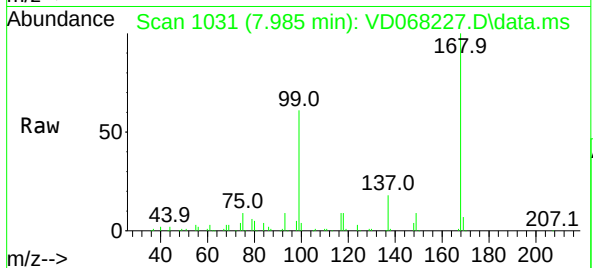




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

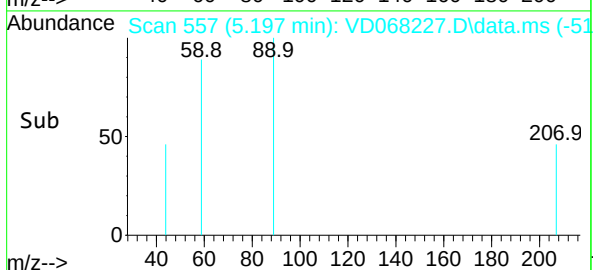
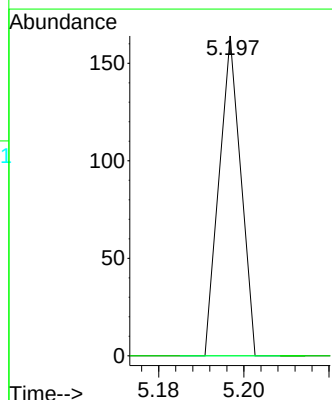
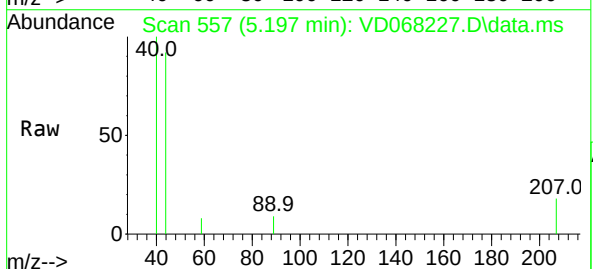
Instrument :
MSVOA_D
ClientSampled :
RS-SP2

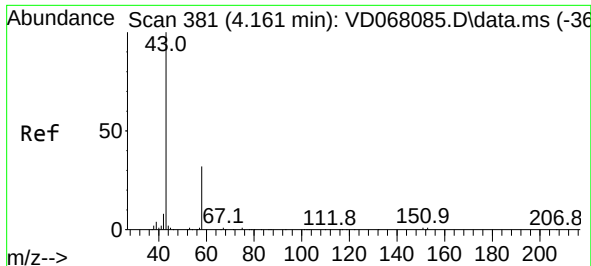
Tgt Ion:168 Resp: 243316
Ion Ratio Lower Upper
168 100
99 60.8 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

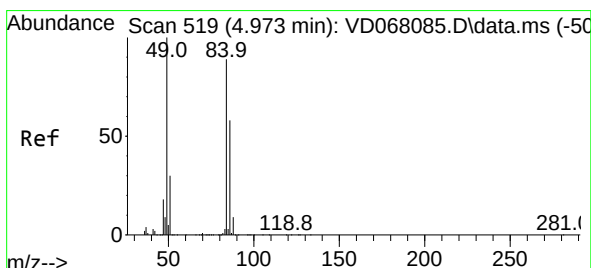
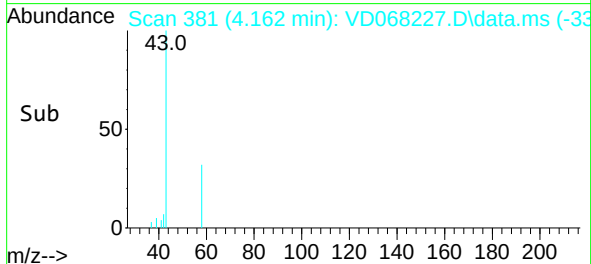
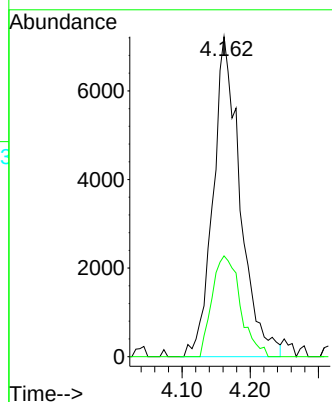
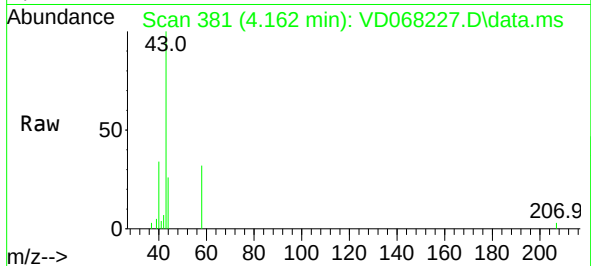




#16
Acetone
Concen: 48.18 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

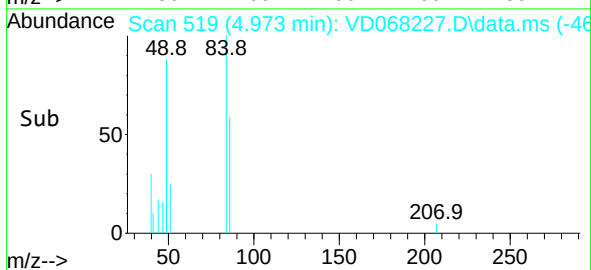
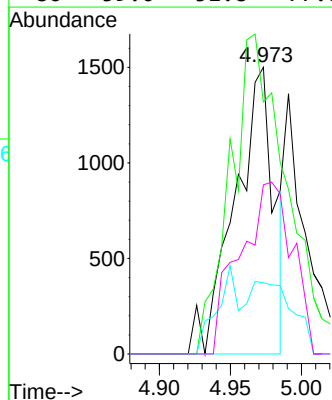
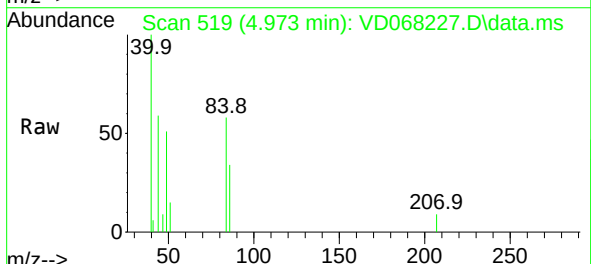
Instrument :
MSVOA_D
ClientSampled :
RS-SP2

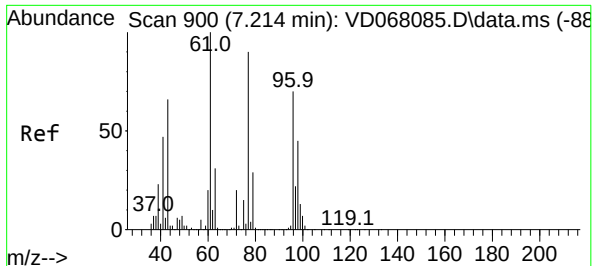
Tgt Ion: 43 Resp: 20022
Ion Ratio Lower Upper
43 100
58 31.5 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

Tgt Ion: 84 Resp: 2869
Ion Ratio Lower Upper
84 100
49 87.9 77.4 116.2
51 24.9 26.1 39.1#
86 59.0 51.8 77.8

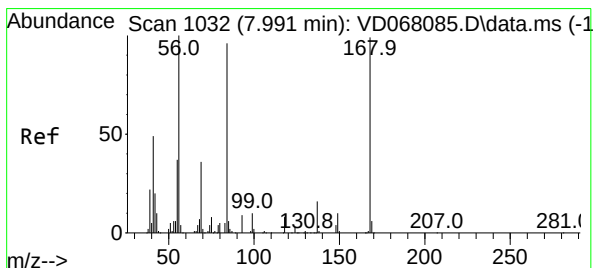
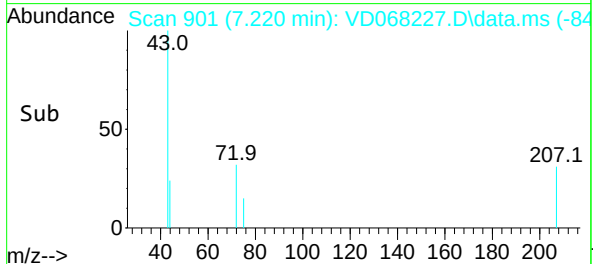
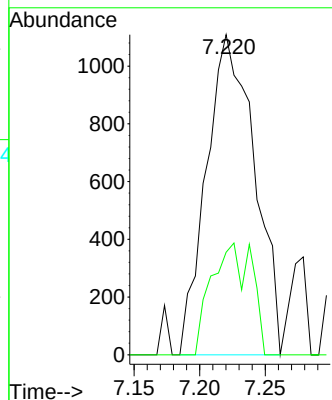
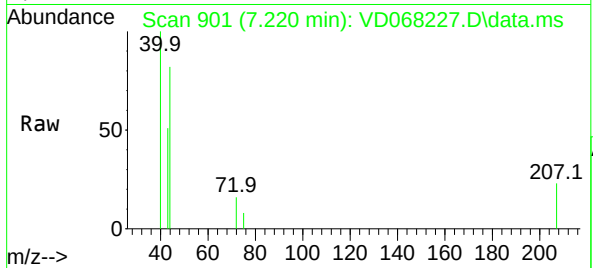




#25
2-Butanone
Concen: 4.53 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

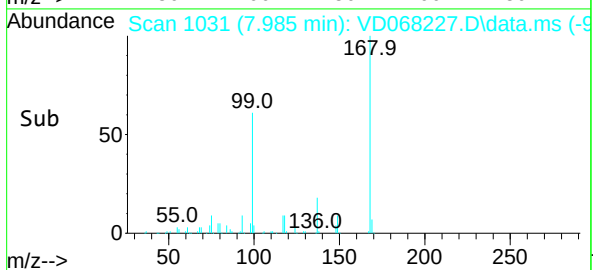
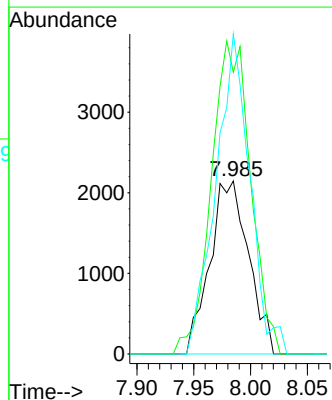
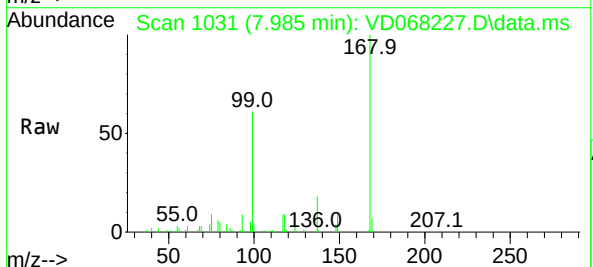
Instrument :
MSVOA_D
ClientSampled :
RS-SP2

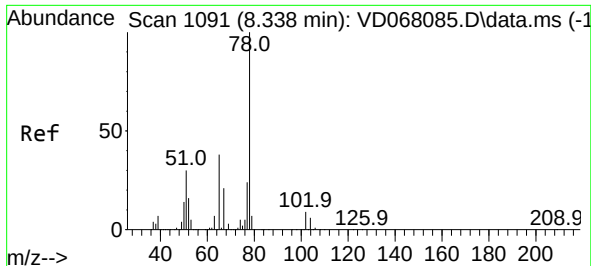
Tgt Ion: 43 Resp: 2834
Ion Ratio Lower Upper
43 100
72 32.0 25.1 37.7



#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

Tgt Ion: 56 Resp: 5087
Ion Ratio Lower Upper
56 100
69 163.0 30.1 45.1#
84 185.0 82.1 123.1#

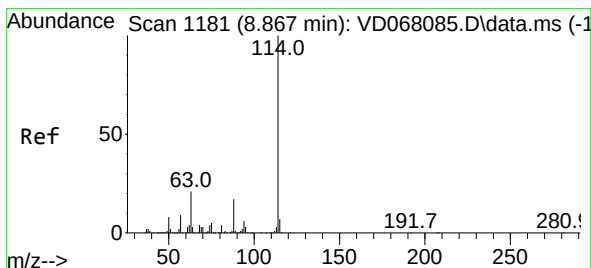
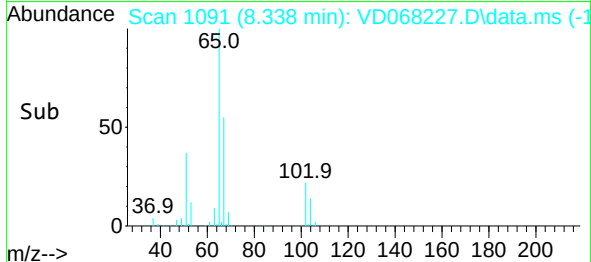
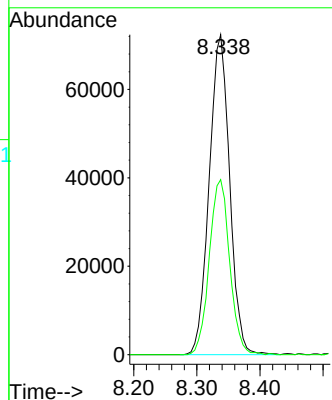
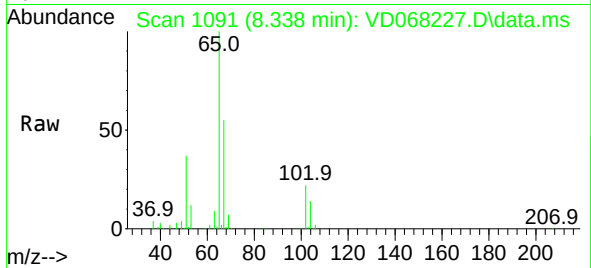




#33
1,2-Dichloroethane-d4
Concen: 69.95 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

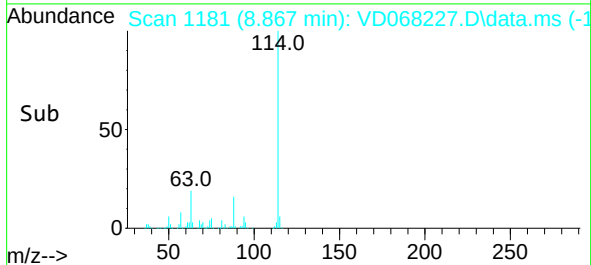
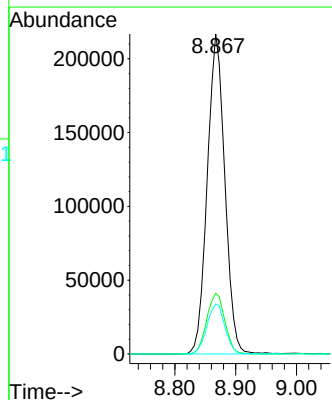
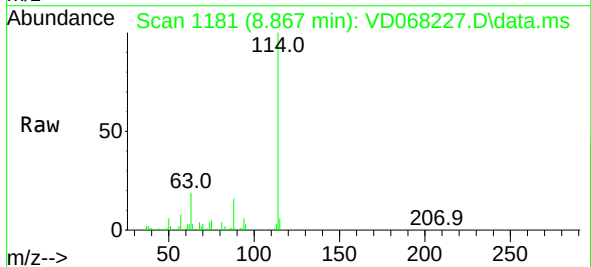
Instrument :
MSVOA_D
ClientSampleId :
RS-SP2

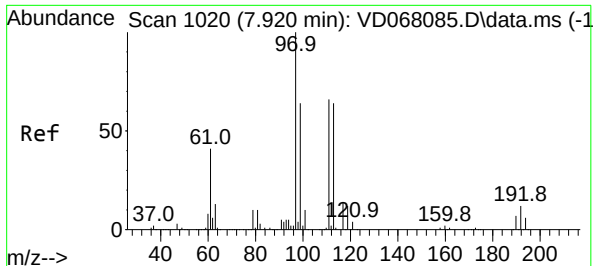
Tgt Ion: 65 Resp: 162806
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

Tgt Ion: 114 Resp: 433899
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 56.25 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068227.D

Acq: 28 Jan 2021 17:01

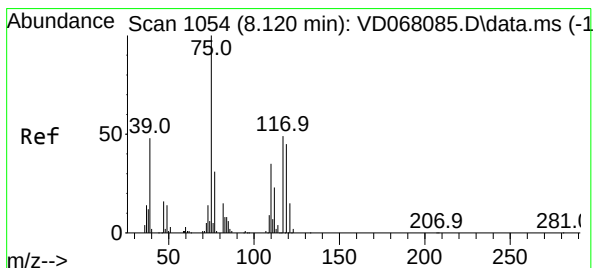
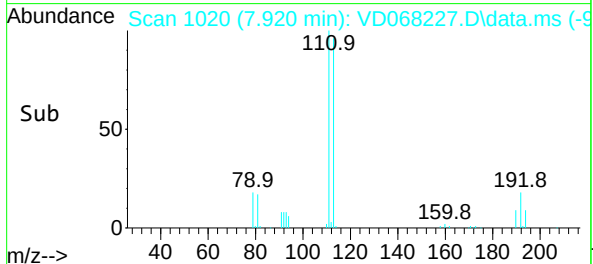
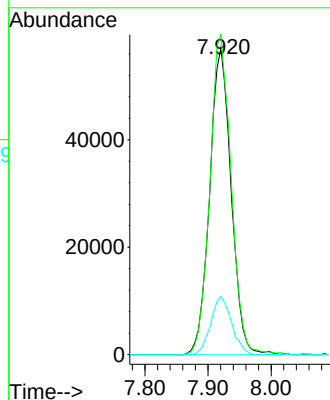
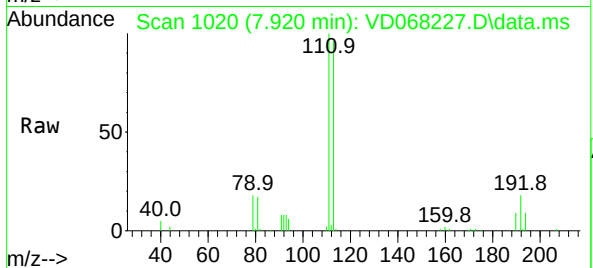
Tgt Ion:113 Resp: 134939

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.4 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.58 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068227.D

Acq: 28 Jan 2021 17:01

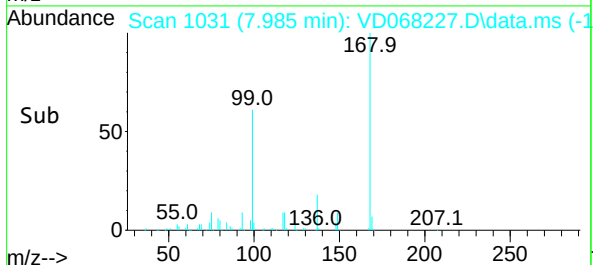
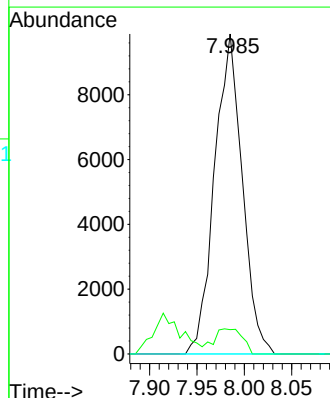
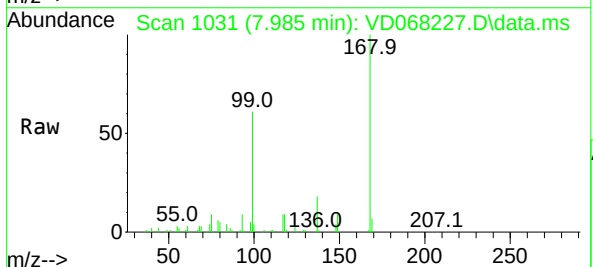
Tgt Ion: 75 Resp: 20053

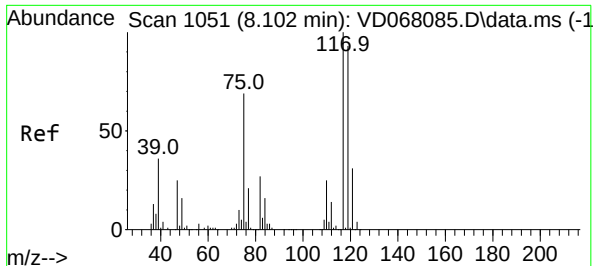
Ion Ratio Lower Upper

75 100

110 8.1 19.4 58.2#

77 0.0 25.3 37.9#

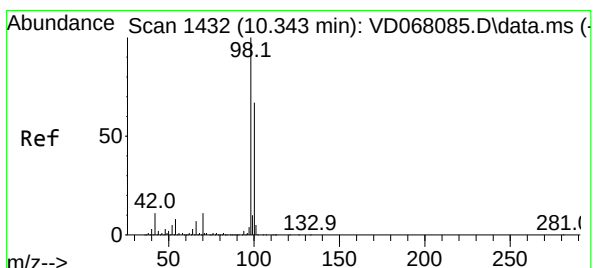
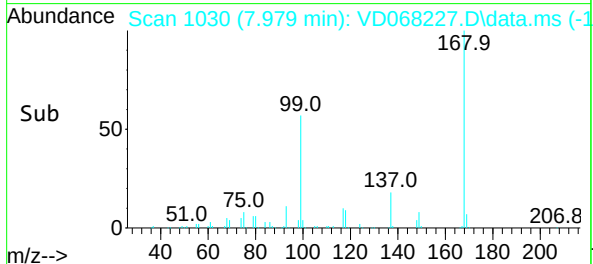
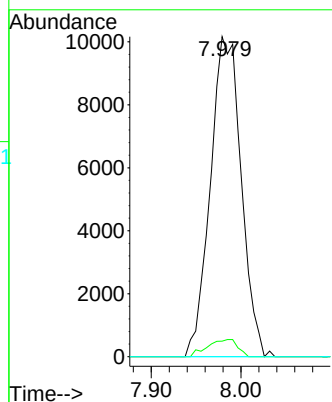
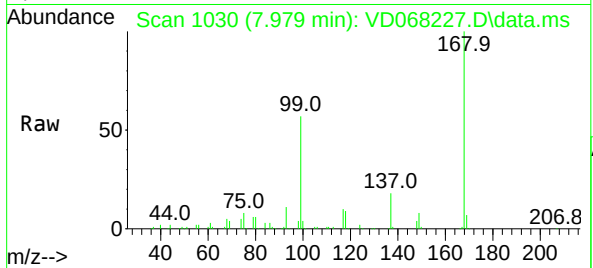




#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

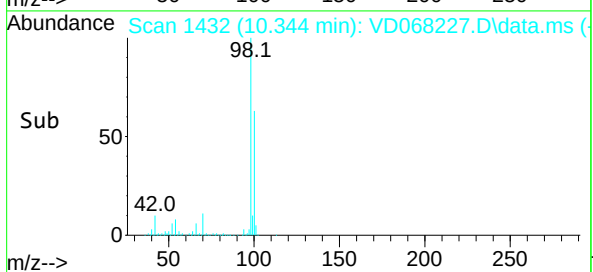
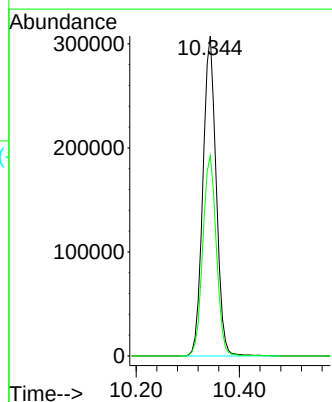
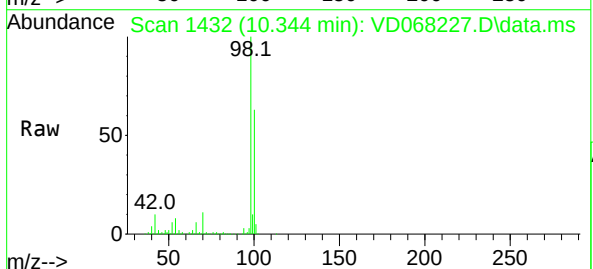
Instrument :
MSVOA_D
ClientSampled :
RS-SP2

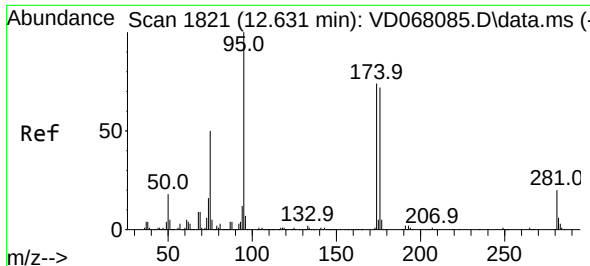
Tgt Ion:117 Resp: 24258
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 57.03 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

Tgt Ion: 98 Resp: 547268
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4

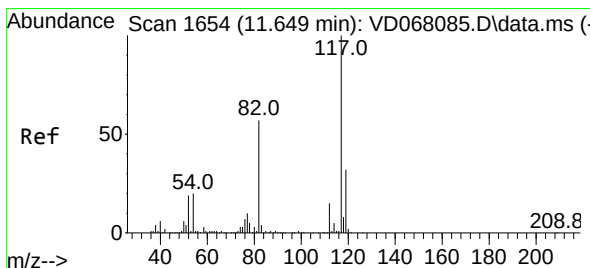
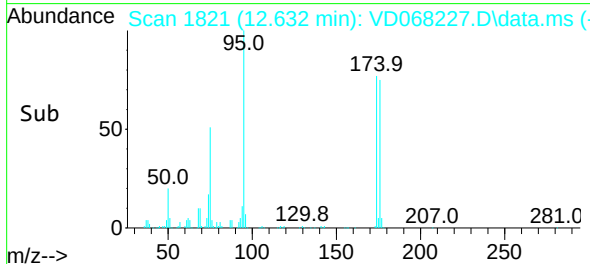
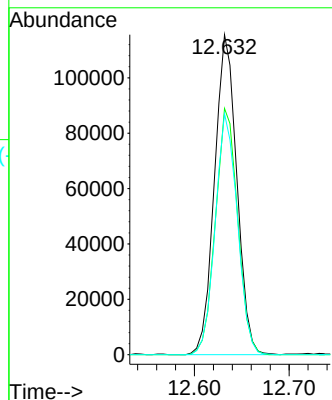
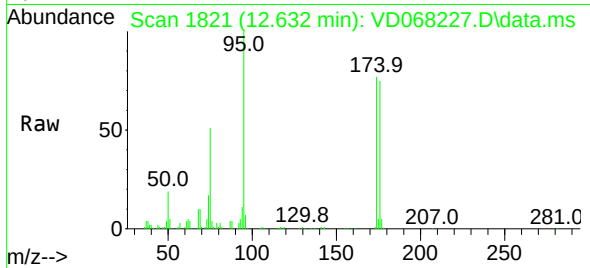




#62
4-Bromofluorobenzene
Concen: 54.77 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

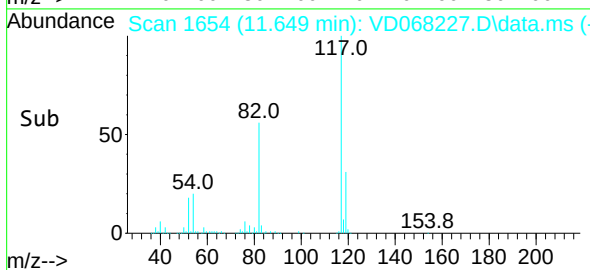
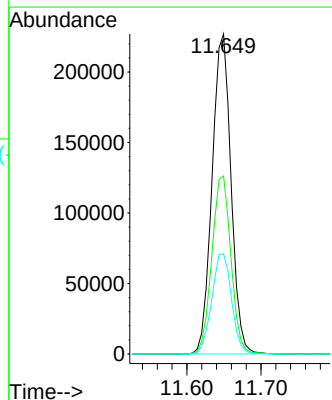
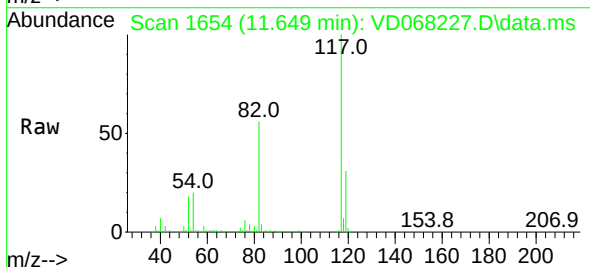
Instrument :
MSVOA_D
ClientSampleId :
RS-SP2

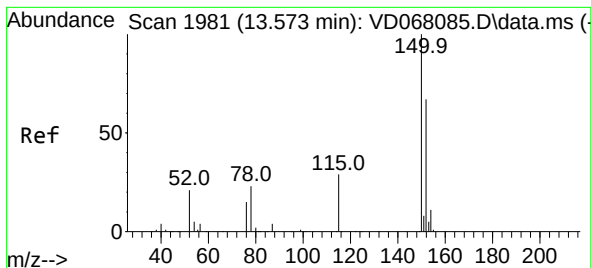
Tgt Ion:	95	Resp:	189265
Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	172.4
176	74.8	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

Tgt Ion:	117	Resp:	401881
Ion	Ratio	Lower	Upper
117	100		
82	55.6	41.4	62.0
119	31.3	26.1	39.1

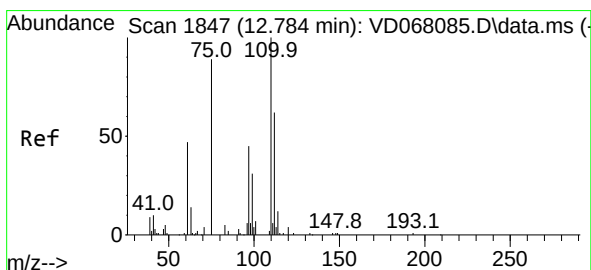
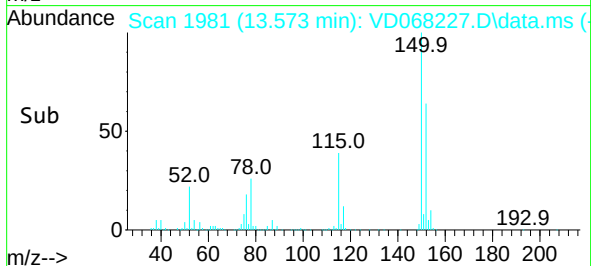
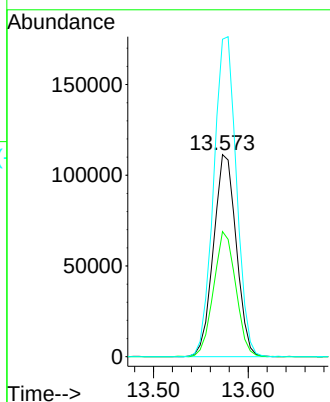
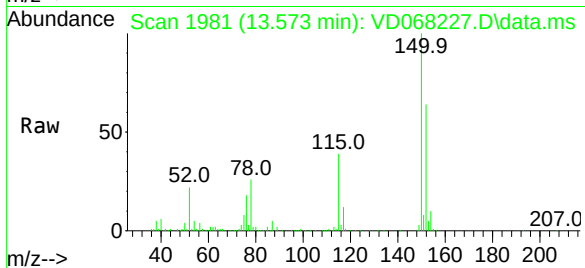




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

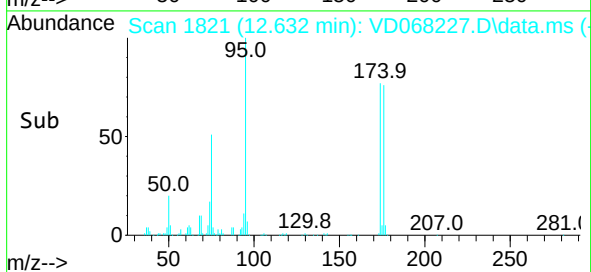
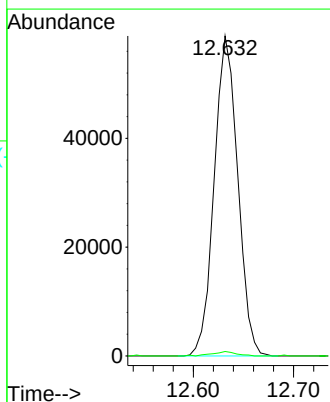
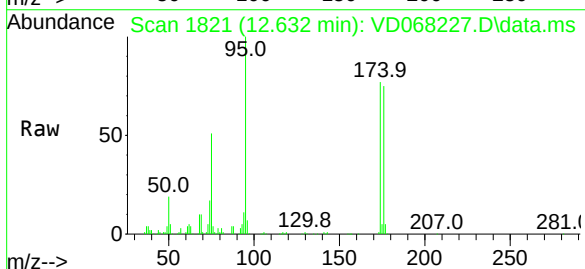
Instrument :
MSVOA_D
ClientSampleId :
RS-SP2

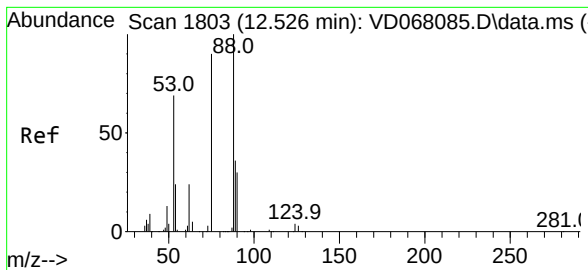
Tgt Ion:152 Resp: 186005
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.8
150 158.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.34 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068227.D
Acq: 28 Jan 2021 17:01

Tgt Ion: 75 Resp: 95933
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.94 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068227.D
 Acq: 28 Jan 2021 17:01

Instrument :
 MSVOA_D
 ClientSampleId :
 RS-SP2

Tgt Ion: 75 Resp: 95933
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

