

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068249.D
 Acq On : 29 Jan 2021 19:31
 Operator : VA/SY
 Sample : M1286-24
 Misc : 5.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 30 00:05:16 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)

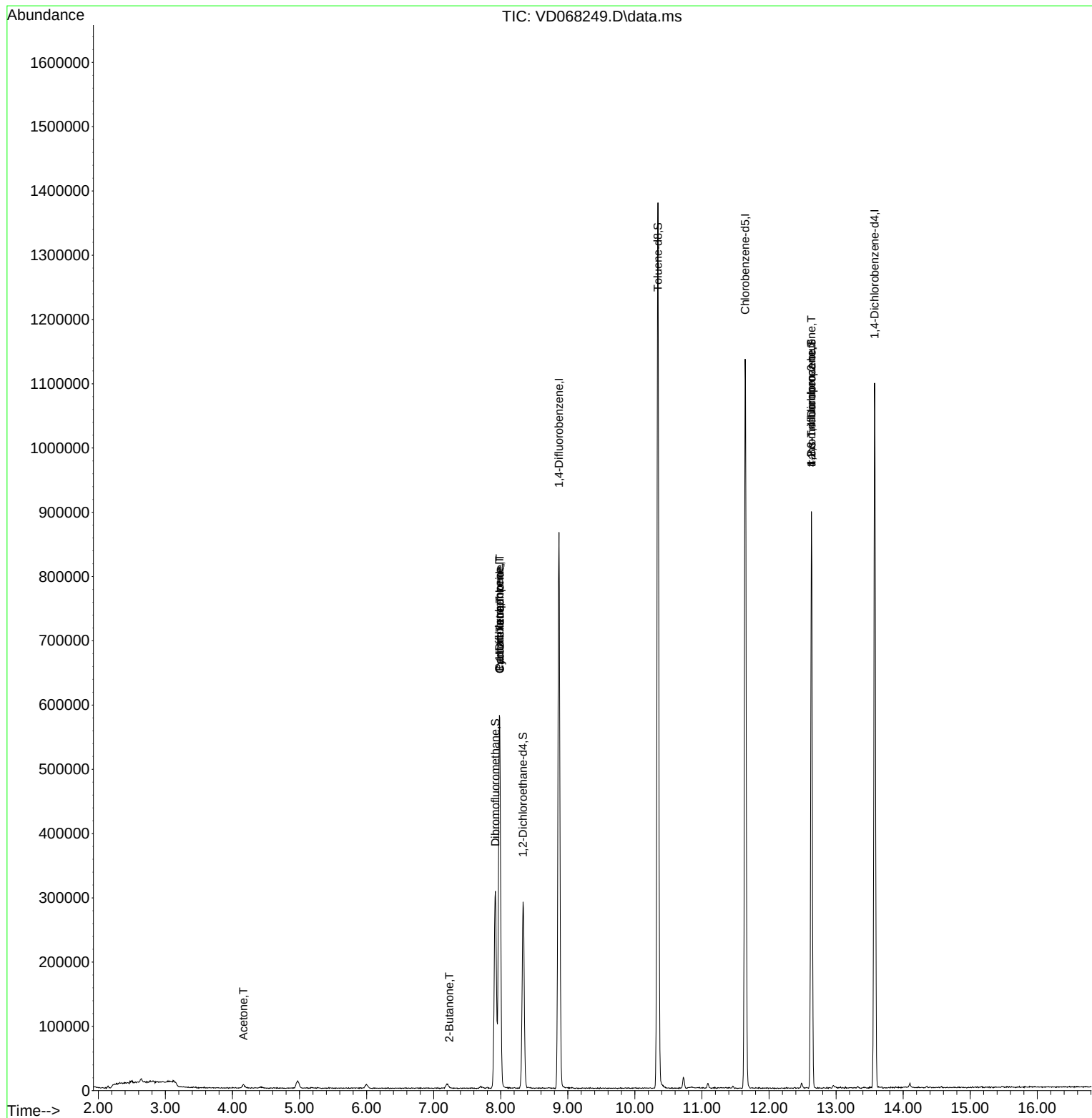
Internal Standards						
1) Pentafluorobenzene	7.979	168	442739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	770937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	682590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	293406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	229718	54.24	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.48%			
35) Dibromofluoromethane	7.920	113	224105	52.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.16%			
50) Toluene-d8	10.344	98	961521	56.40	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.80%			
62) 4-Bromofluorobenzene	12.632	95	301457	49.10	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.20%			
Target Compounds						
11) Tert butyl alcohol	5.215	59	171	Below Cal	#	74
16) Acetone	4.162	43	9550	12.63	ug/l	95
20) Methylene Chloride	4.968	84	9002	Below Cal		89
25) 2-Butanone	7.232	43	1505	1.32	ug/l	96
31) Cyclohexane	7.985	56	9342	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	35547	4.57	ug/l #	47
38) Carbon Tetrachloride	7.985	117	45018	6.19	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	154278	54.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154278	110.04	ug/l #	13

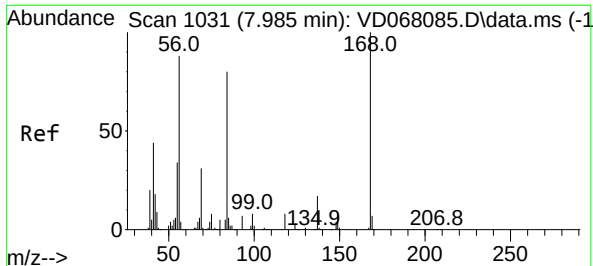
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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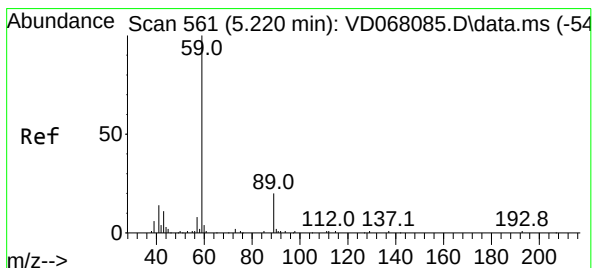
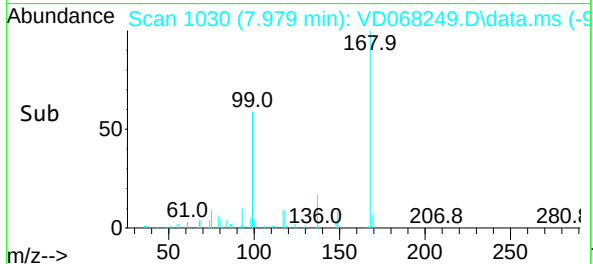
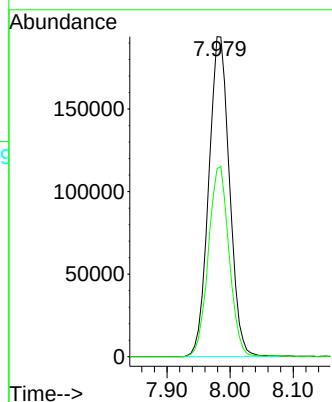
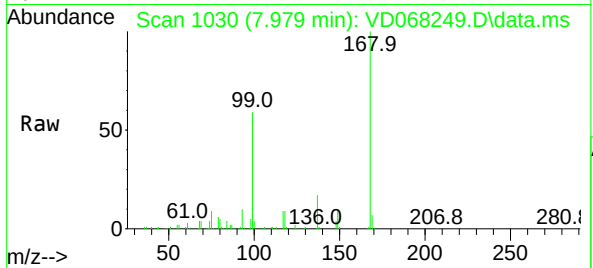




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

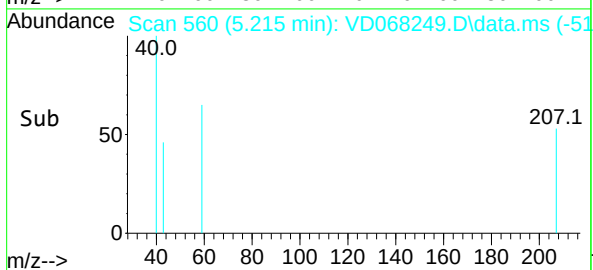
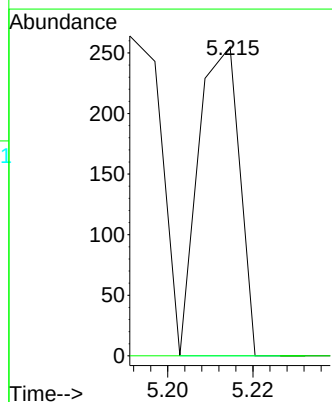
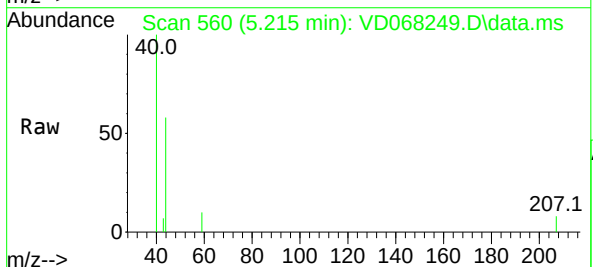
Instrument :
MSVOA_D
ClientSampleId :

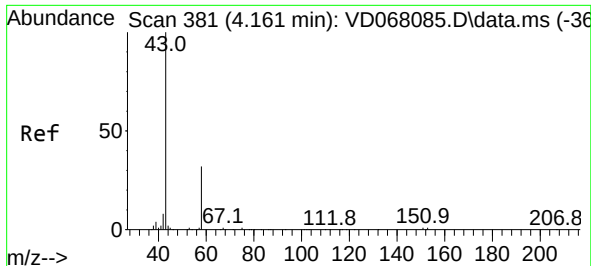
Tgt Ion:168 Resp: 442739
Ion Ratio Lower Upper
168 100
99 58.7 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

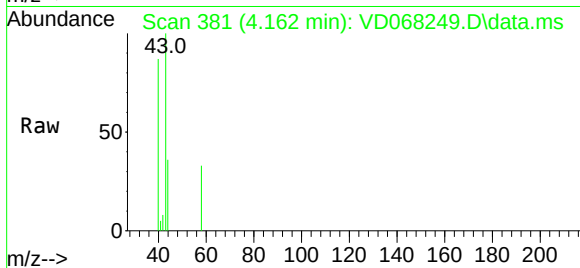
Tgt Ion: 59 Resp: 171
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



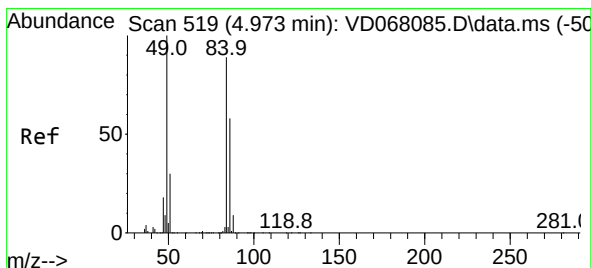
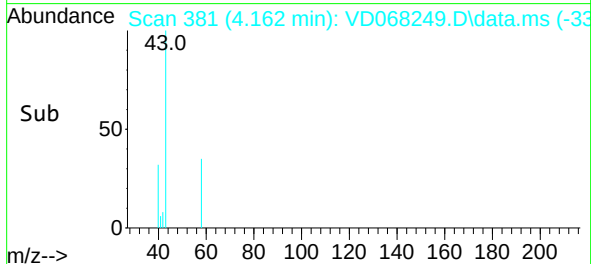
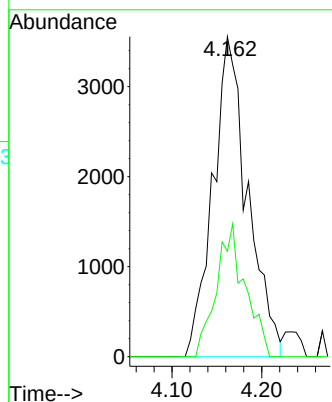


#16
Acetone
Concen: 12.63 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

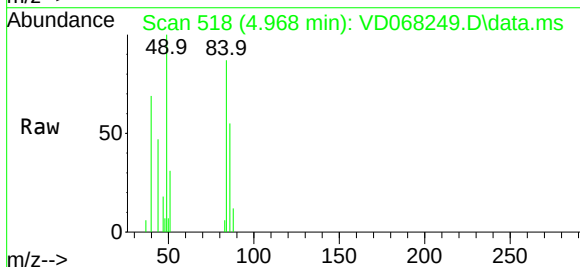
Instrument :
MSVOA_D
ClientSampleId :



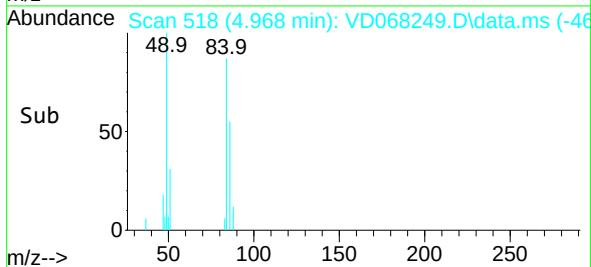
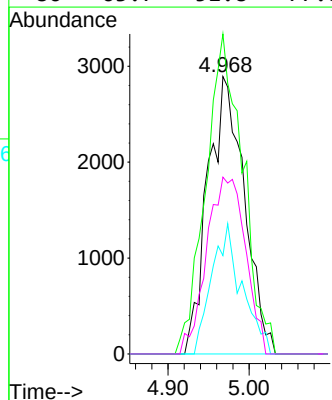
Tgt Ion: 43 Resp: 9550
Ion Ratio Lower Upper
43 100
58 32.9 24.2 36.4

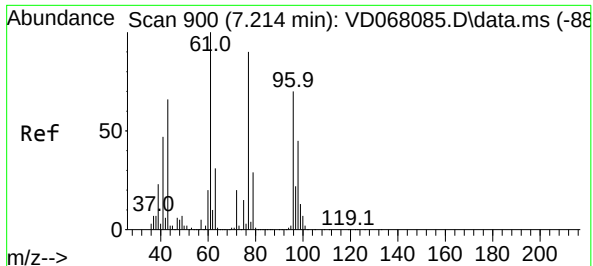


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31



Tgt Ion: 84 Resp: 9002
Ion Ratio Lower Upper
84 100
49 115.3 77.4 116.2
51 35.5 26.1 39.1
86 63.7 51.8 77.8





#25

2-Butanone

Concen: 1.32 ug/l

RT: 7.232 min Scan# 903

Delta R.T. 0.018 min

Lab File: VD068249.D

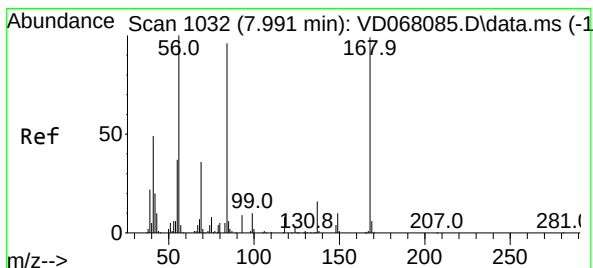
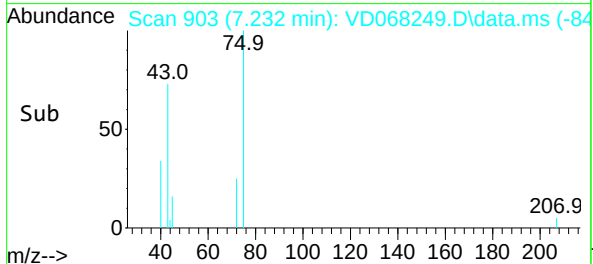
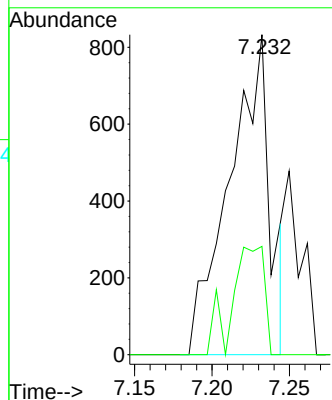
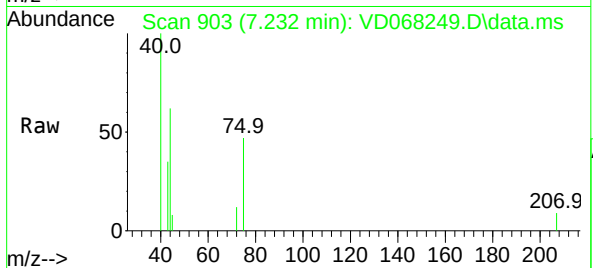
Acq: 29 Jan 2021 19:31

Tgt Ion: 43 Resp: 1505

Ion Ratio Lower Upper

43 100

72 33.9 25.1 37.7



#31

Cyclohexane

Concen: 1.02 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VD068249.D

Acq: 29 Jan 2021 19:31

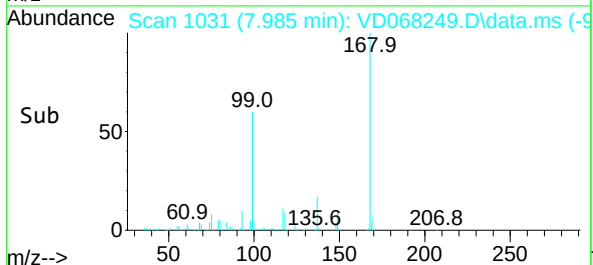
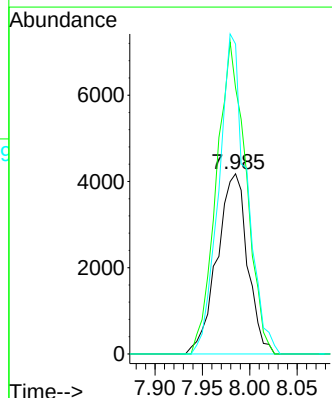
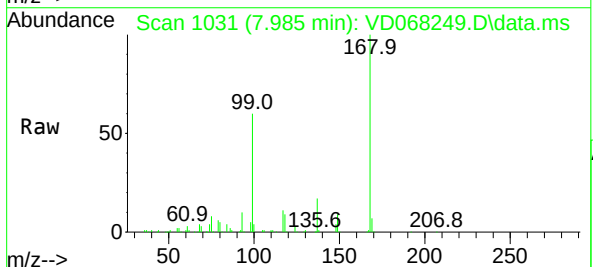
Tgt Ion: 56 Resp: 9342

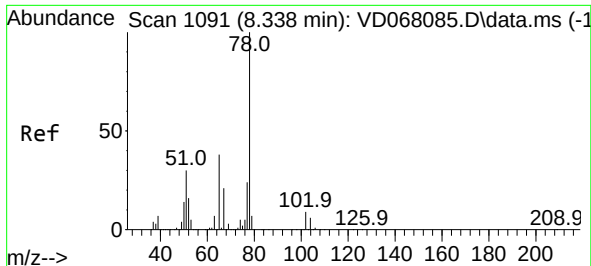
Ion Ratio Lower Upper

56 100

69 147.7 30.1 45.1#

84 172.1 82.1 123.1#

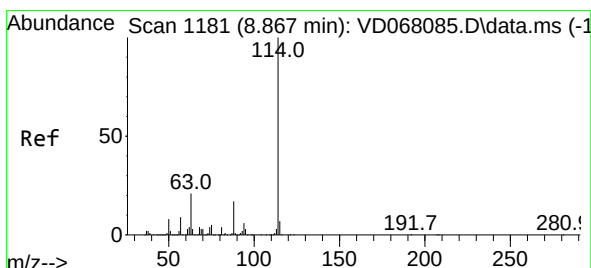
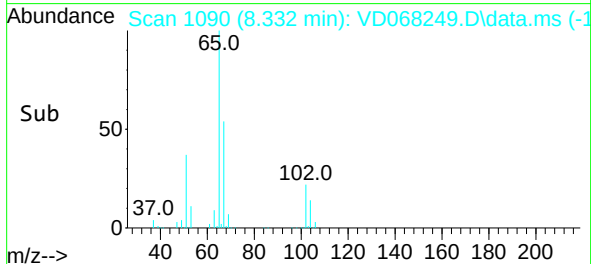
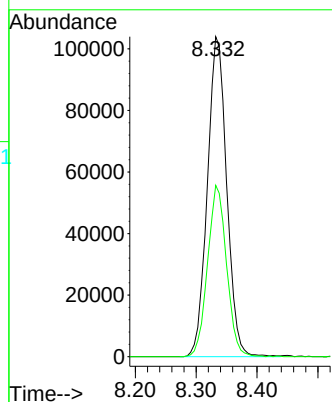
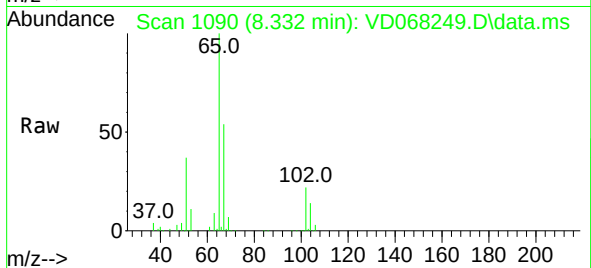




#33
1,2-Dichloroethane-d4
Concen: 54.24 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.005 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

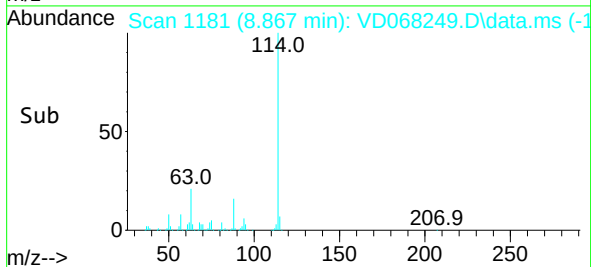
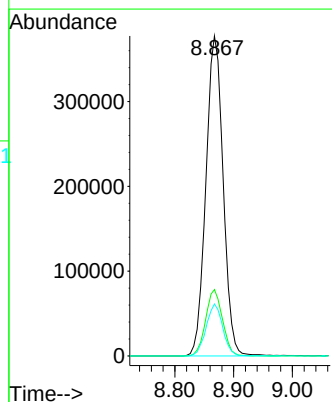
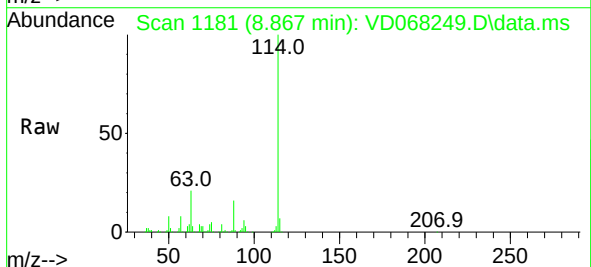
Instrument :
MSVOA_D
ClientSampleId :

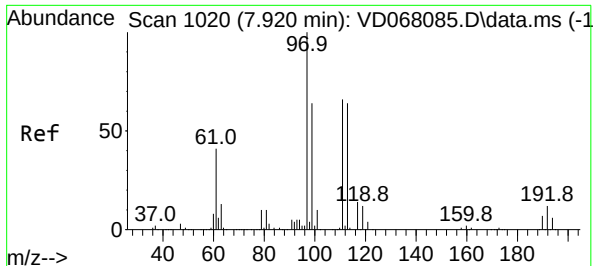
Tgt Ion: 65 Resp: 229718
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

Tgt Ion: 114 Resp: 770937
Ion Ratio Lower Upper
114 100
63 20.7 0.0 34.8
88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.58 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068249.D

Acq: 29 Jan 2021 19:31

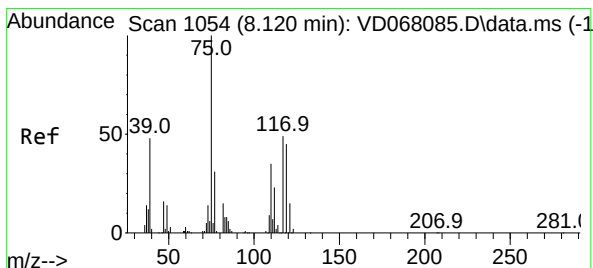
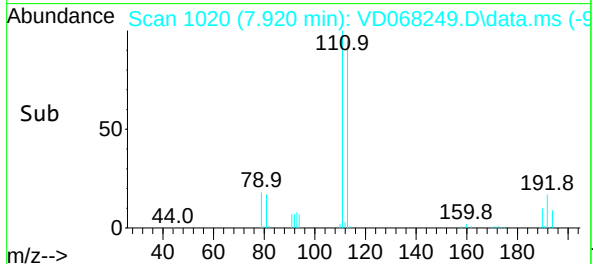
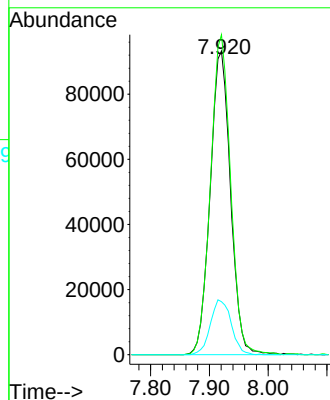
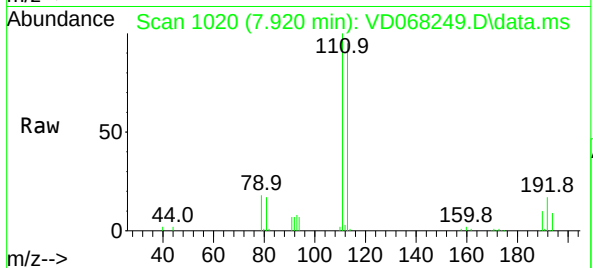
Tgt Ion:113 Resp: 224105

Ion Ratio Lower Upper

113 100

111 104.1 81.4 122.0

192 18.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.57 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.141 min

Lab File: VD068249.D

Acq: 29 Jan 2021 19:31

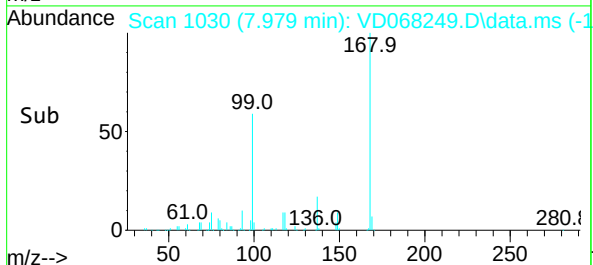
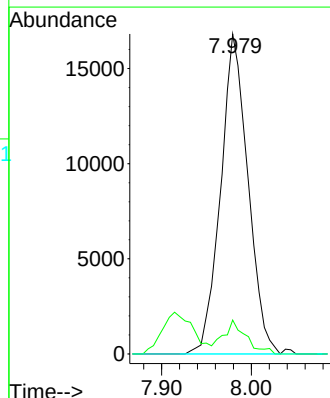
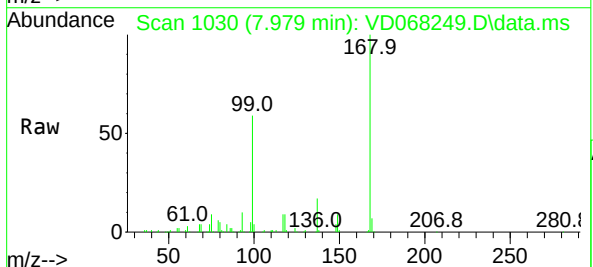
Tgt Ion: 75 Resp: 35547

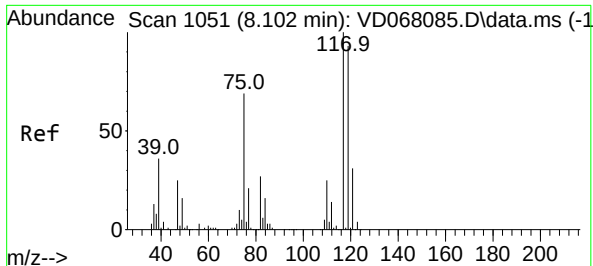
Ion Ratio Lower Upper

75 100

110 8.8 19.4 58.2#

77 0.0 25.3 37.9#

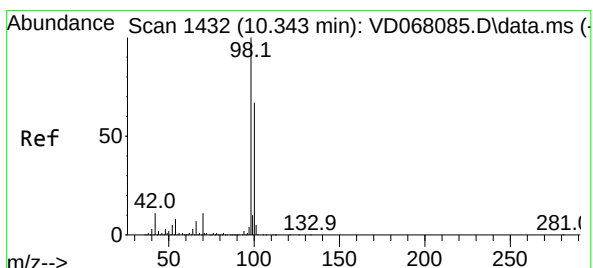
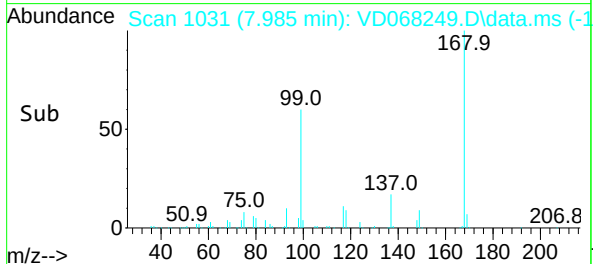
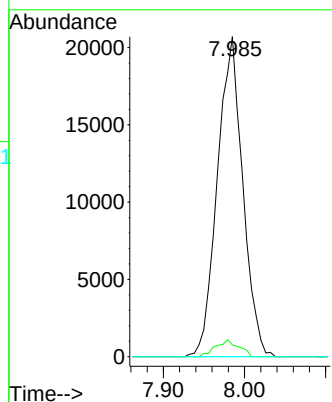
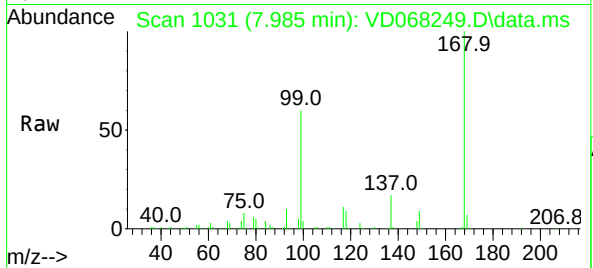




#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

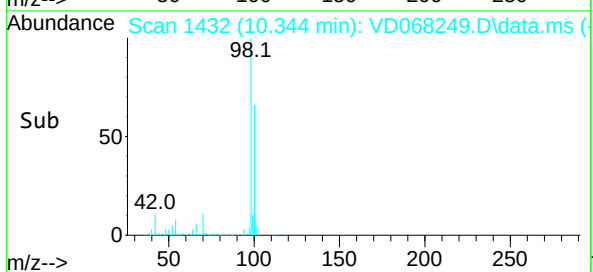
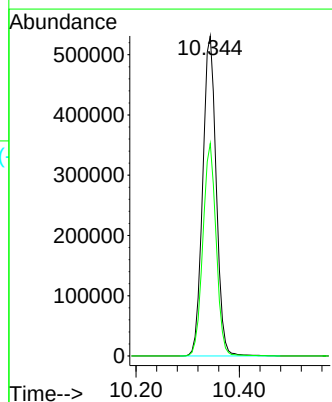
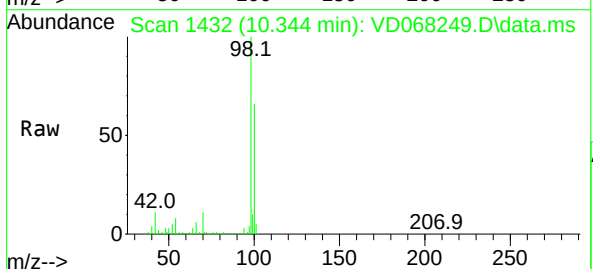
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MSVOA_D
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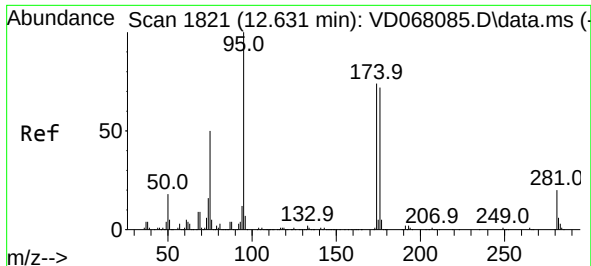
Tgt Ion:117 Resp: 45018
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.40 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

Tgt Ion: 98 Resp: 961521
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

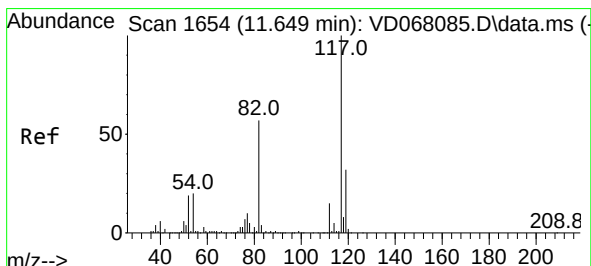
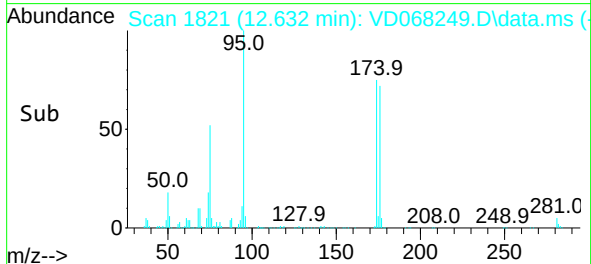
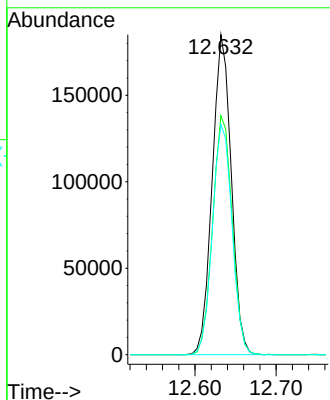
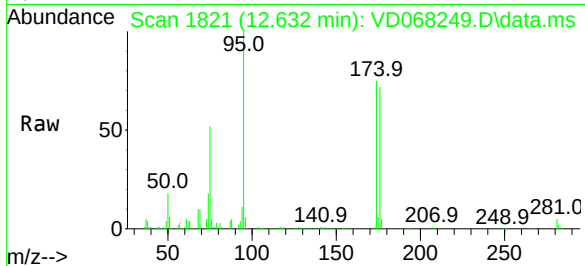




#62
4-Bromofluorobenzene
Concen: 49.10 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

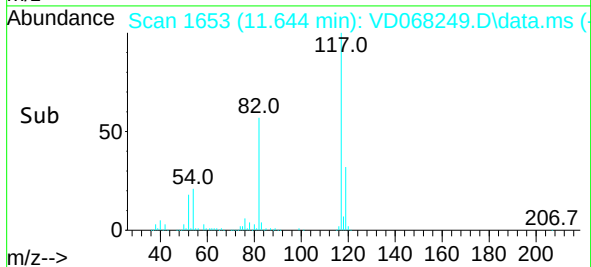
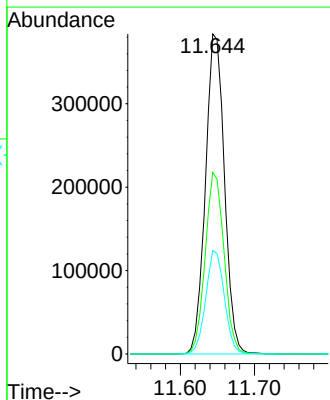
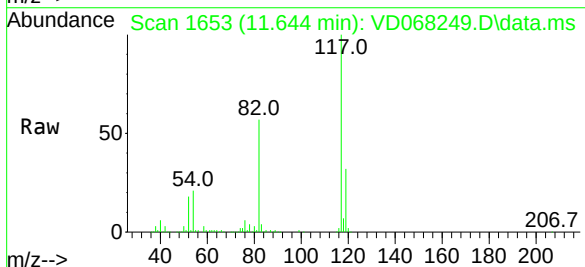
Instrument :
MSVOA_D
ClientSampleId :

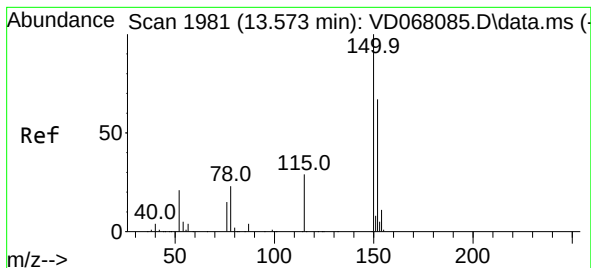
Tgt Ion: 95 Resp: 301457
Ion Ratio Lower Upper
95 100
174 76.7 0.0 172.4
176 74.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

Tgt Ion: 117 Resp: 682590
Ion Ratio Lower Upper
117 100
82 56.8 41.4 62.0
119 32.3 26.1 39.1

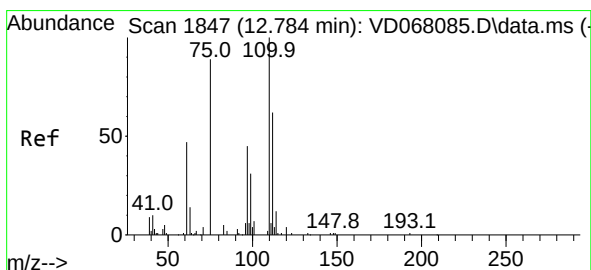
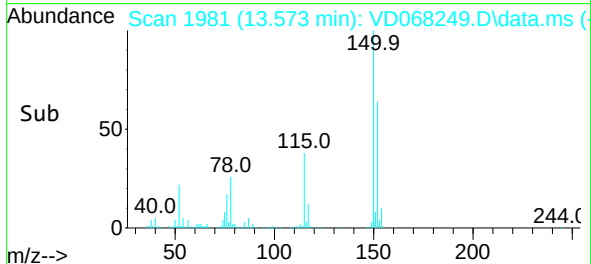
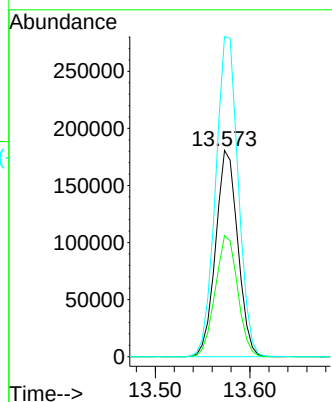
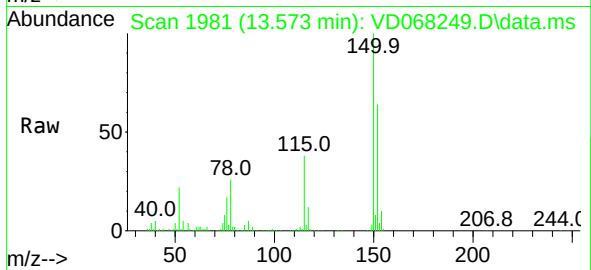




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

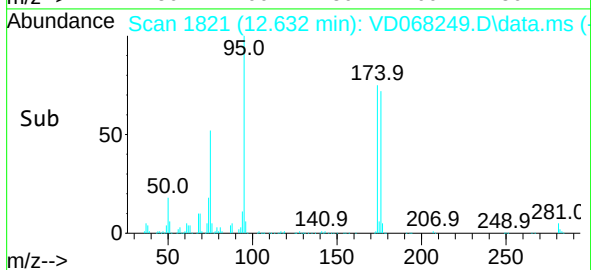
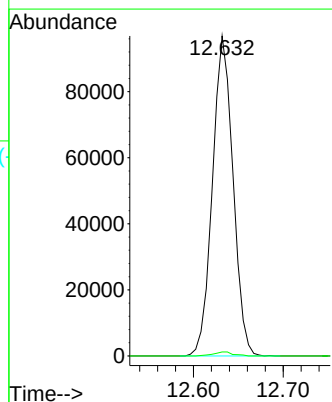
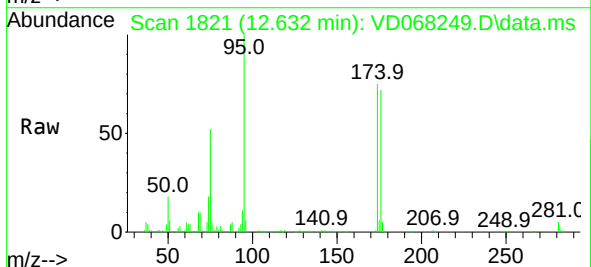
Instrument :
MSVOA_D
ClientSampleId :

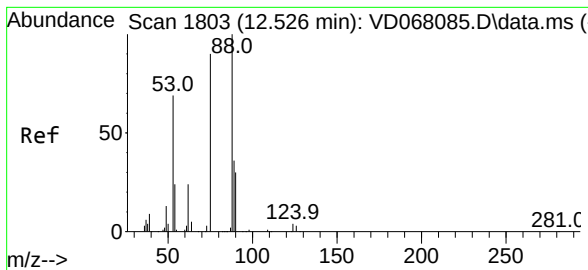
Tgt Ion:152 Resp: 293406
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.8
150 158.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.38 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068249.D
Acq: 29 Jan 2021 19:31

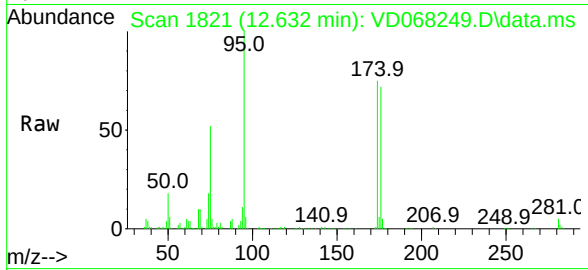
Tgt Ion: 75 Resp: 154278
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.04 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068249.D
 Acq: 29 Jan 2021 19:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 154278
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

