

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031121\
 Data File : VD068585.D
 Acq On : 11 Mar 2021 15:13
 Operator : VA/SY
 Sample : M1625-02
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 12 00:12:32 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)

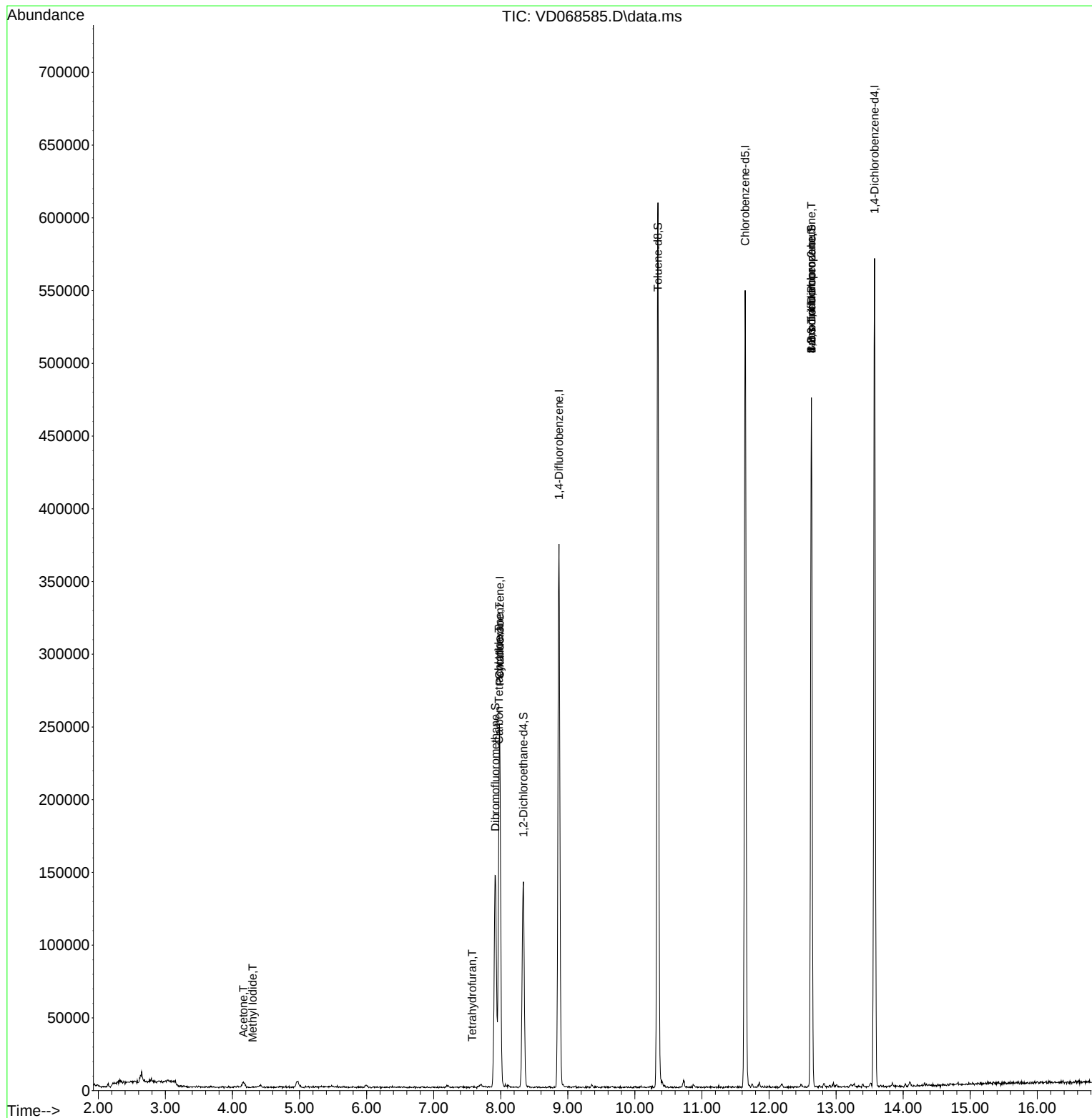
Internal Standards						
1) Pentafluorobenzene	7.985	168	191395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	338170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	332833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	154758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	112964	59.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.14%			
35) Dibromofluoromethane	7.920	113	106974	52.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.02%			
50) Toluene-d8	10.344	98	425459	52.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.86%			
62) 4-Bromofluorobenzene	12.632	95	142994	54.68	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.36%			
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	299	2.74	ug/l #	62
16) Acetone	4.162	43	6134	20.19	ug/l #	62
20) Methylene Chloride	4.968	84	3582	Below Cal	#	82
29) Tetrahydrofuran	7.573	42	308	1.09	ug/l #	69
31) Cyclohexane	7.979	56	3857	1.11	ug/l #	2
38) Carbon Tetrachloride	7.973	117	18391	6.09	ug/l #	14
71) Bromoform	12.632	173	1250	1.04	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	72354	52.66	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	72354	122.90	ug/l #	13

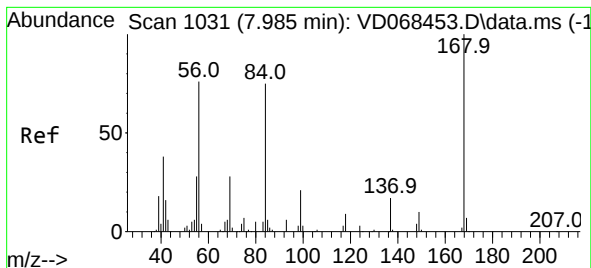
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

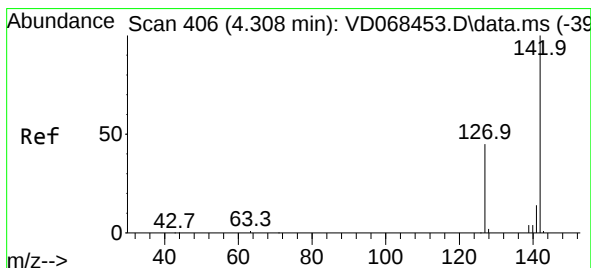
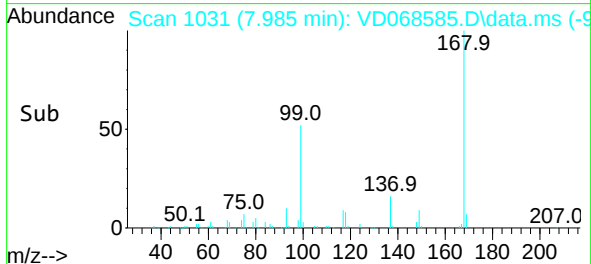
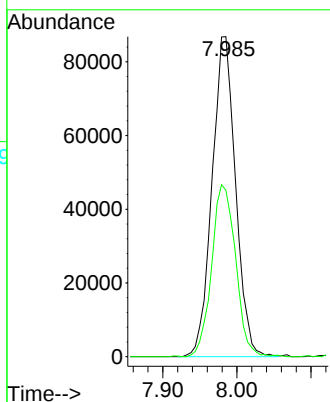
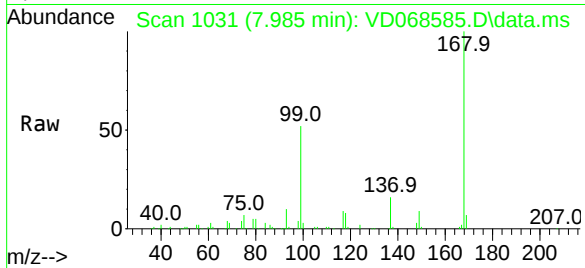




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

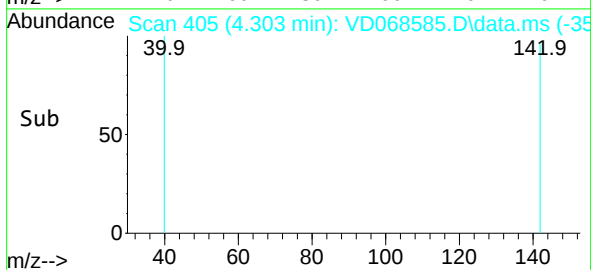
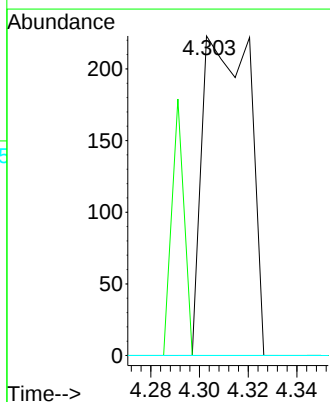
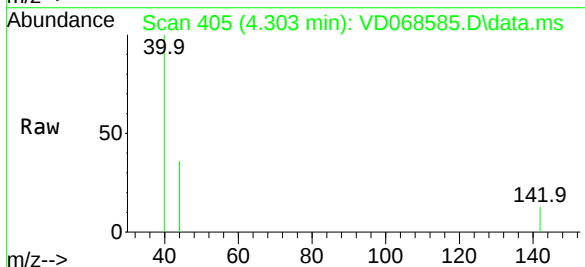
Instrument :
MSVOA_D
ClientSampled :

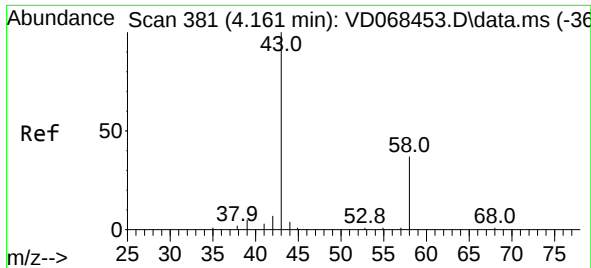
Tgt Ion:168 Resp: 191395
Ion Ratio Lower Upper
168 100
99 51.8 43.5 65.3



#10
Methyl Iodide
Concen: 2.74 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

Tgt Ion:142 Resp: 299
Ion Ratio Lower Upper
142 100
127 21.1 37.9 56.9#
141 0.0 11.5 17.3#

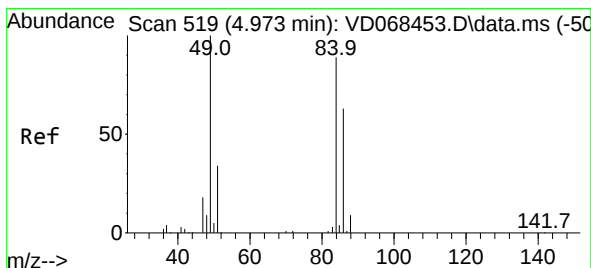
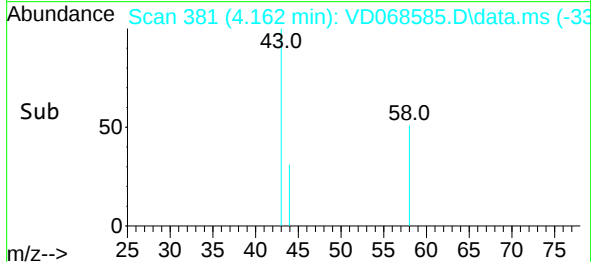
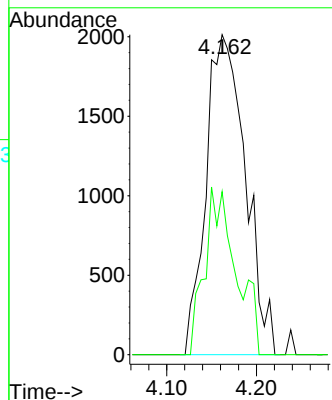
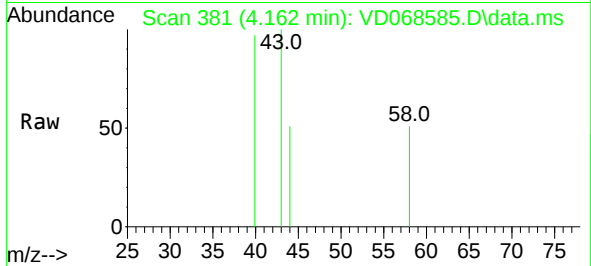




#16
Acetone
Concen: 20.19 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

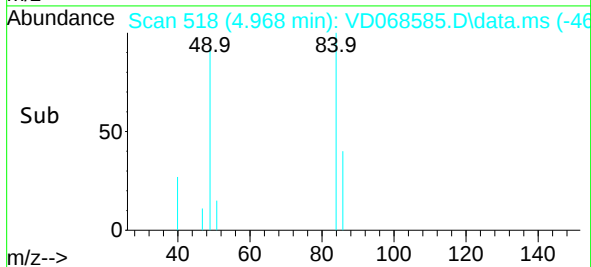
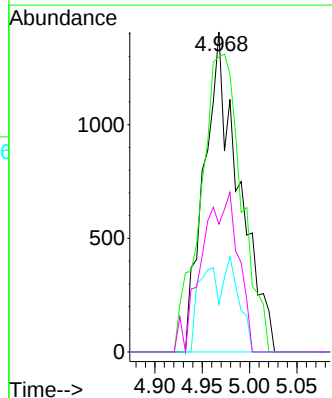
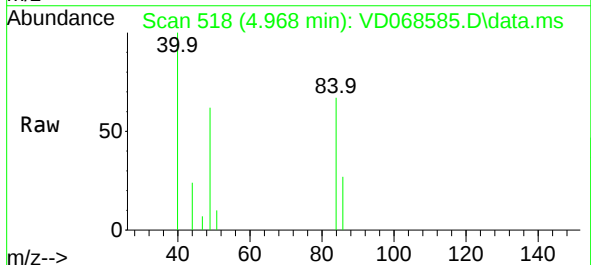
Instrument :
MSVOA_D
ClientSampled :

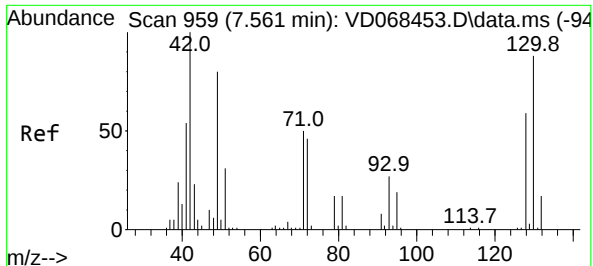
Tgt Ion: 43 Resp: 6134
Ion Ratio Lower Upper
43 100
58 51.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

Tgt Ion: 84 Resp: 3582
Ion Ratio Lower Upper
84 100
49 92.2 77.4 116.2
51 14.8 26.1 39.1#
86 40.0 51.8 77.8#





#29

Tetrahydrofuran

Concen: 1.09 ug/l

RT: 7.573 min Scan# 961

Delta R.T. 0.012 min

Lab File: VD068585.D

Acq: 11 Mar 2021 15:13

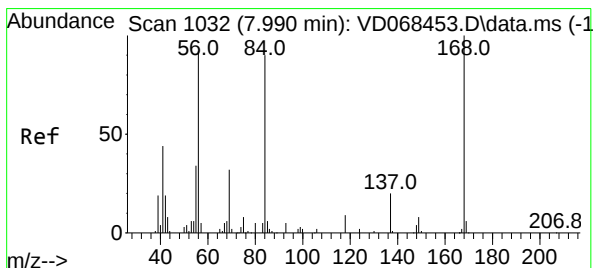
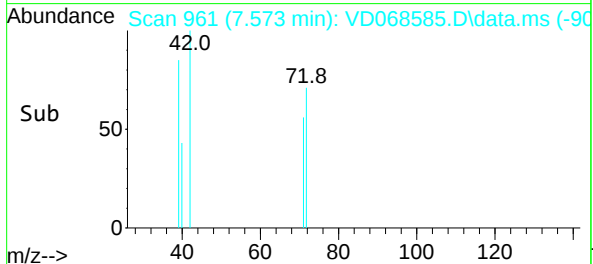
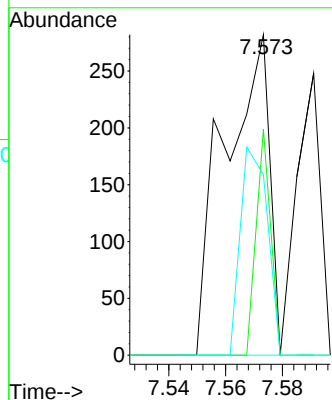
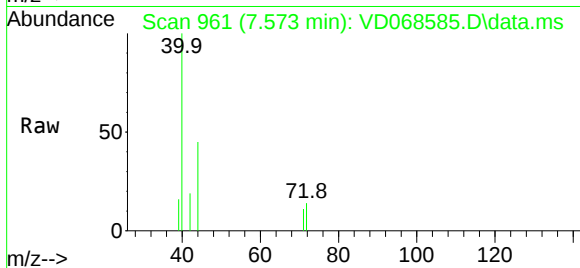
Tgt Ion: 42 Resp: 308

Ion Ratio Lower Upper

42 100

72 22.7 43.4 65.0#

71 39.3 40.8 61.2#



#31

Cyclohexane

Concen: 1.11 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.011 min

Lab File: VD068585.D

Acq: 11 Mar 2021 15:13

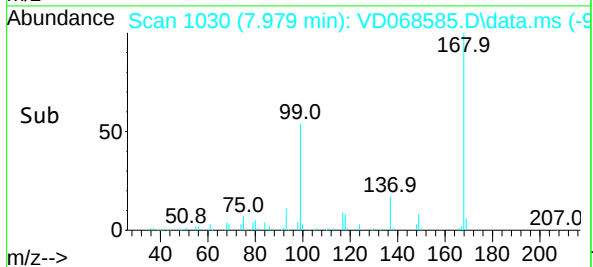
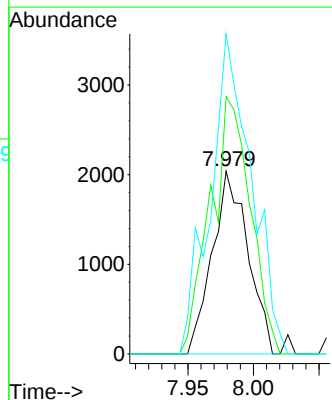
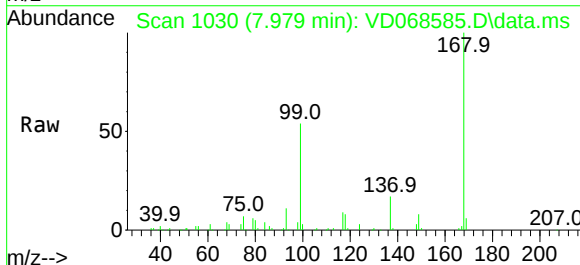
Tgt Ion: 56 Resp: 3857

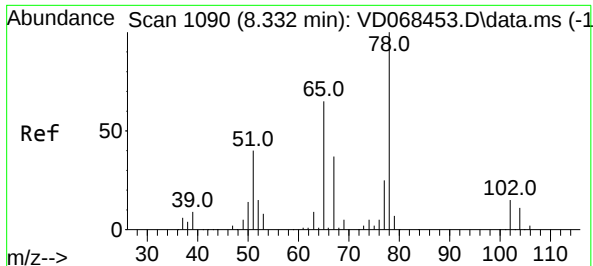
Ion Ratio Lower Upper

56 100

69 140.8 30.1 45.1#

84 175.1 82.1 123.1#





#33

1,2-Dichloroethane-d4

Concen: 59.07 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VD068585.D

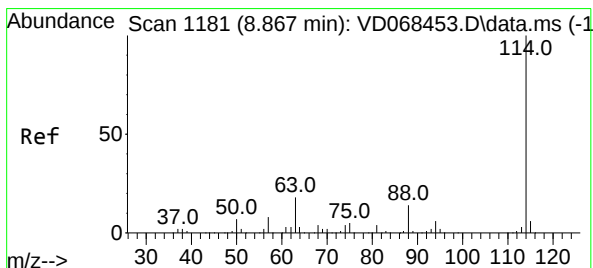
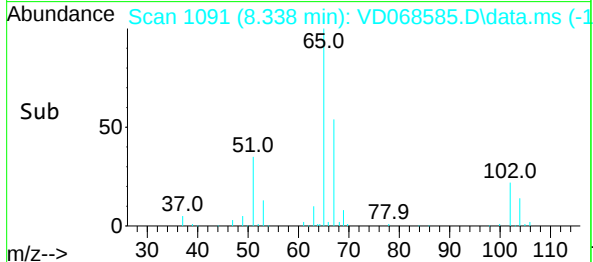
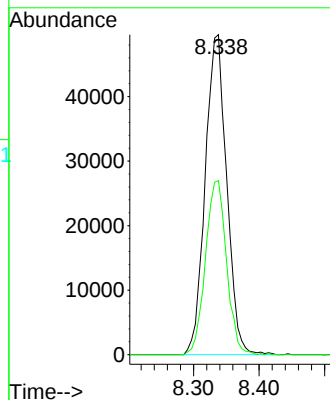
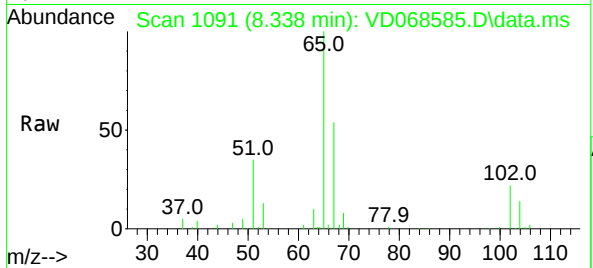
Acq: 11 Mar 2021 15:13

Tgt Ion: 65 Resp: 112964

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.001 min

Lab File: VD068585.D

Acq: 11 Mar 2021 15:13

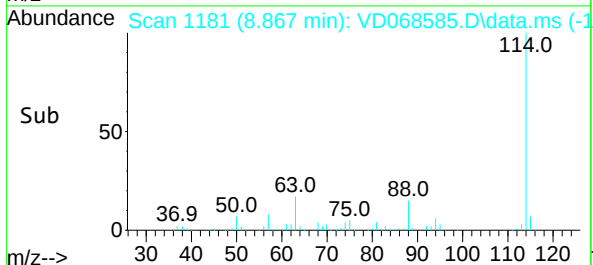
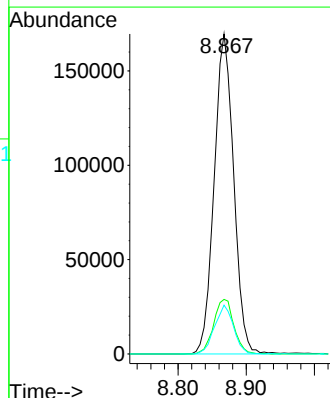
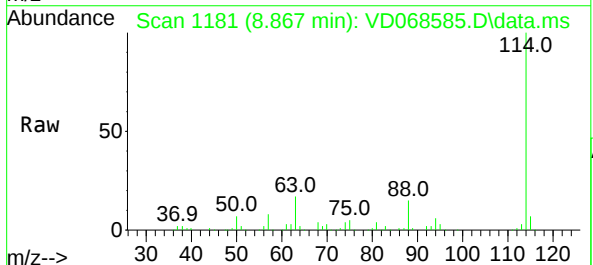
Tgt Ion: 114 Resp: 338170

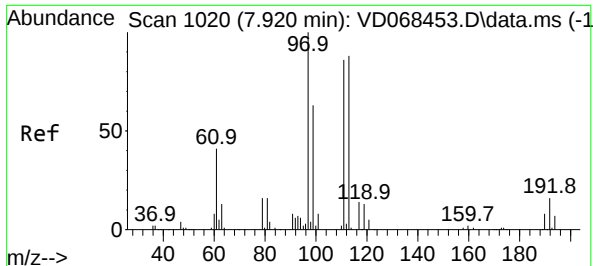
Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.8

88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.51 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068585.D

Acq: 11 Mar 2021 15:13

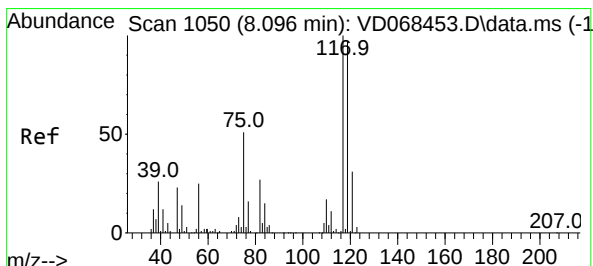
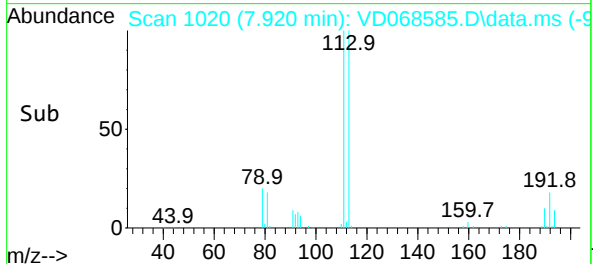
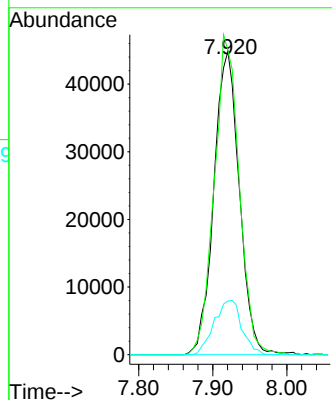
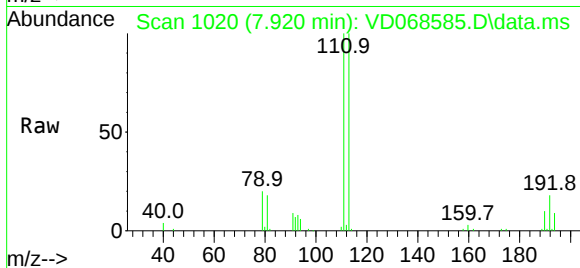
Tgt Ion:113 Resp: 106974

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 19.4 16.1 24.1



#38

Carbon Tetrachloride

Concen: 6.09 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.123 min

Lab File: VD068585.D

Acq: 11 Mar 2021 15:13

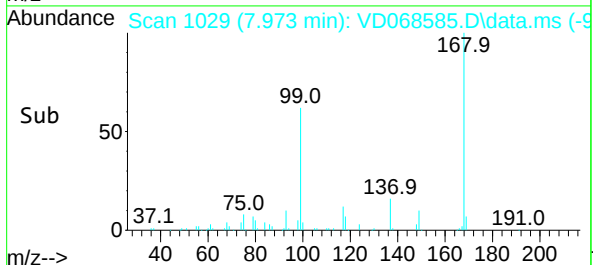
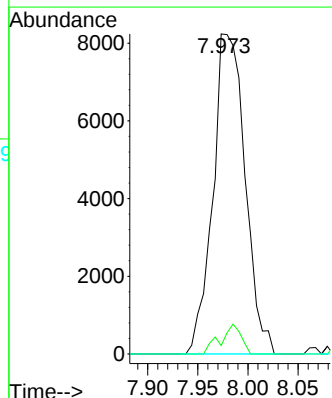
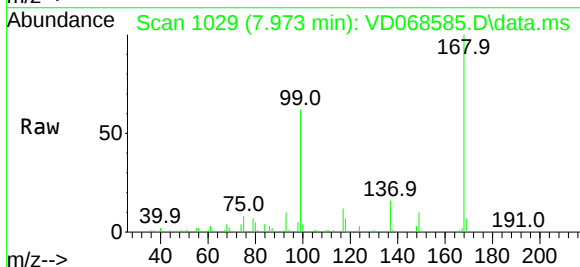
Tgt Ion:117 Resp: 18391

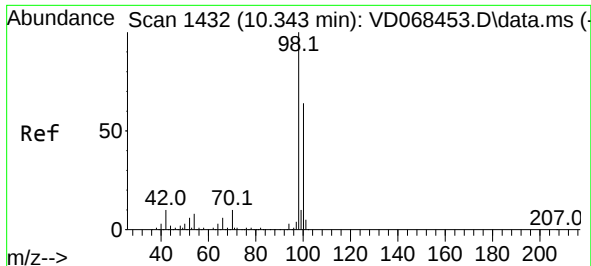
Ion Ratio Lower Upper

117 100

119 2.6 77.3 115.9#

121 0.0 24.7 37.1#

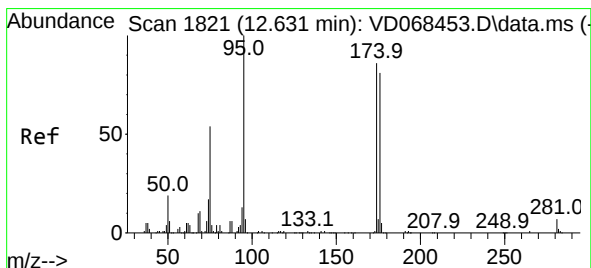
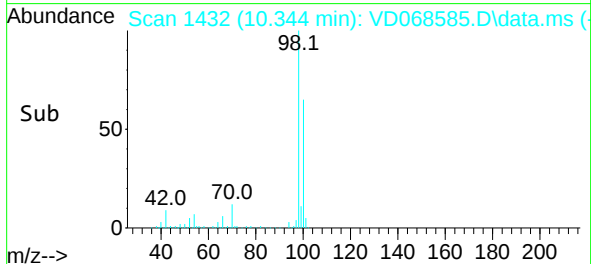
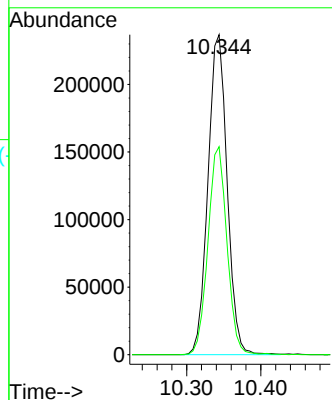
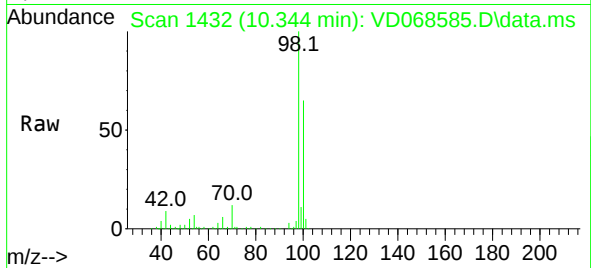




#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

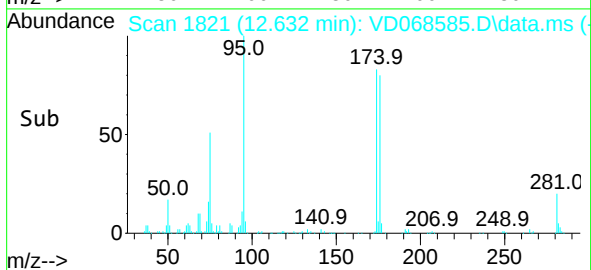
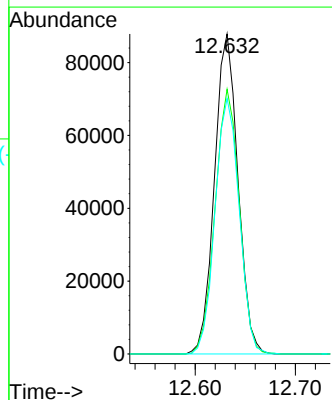
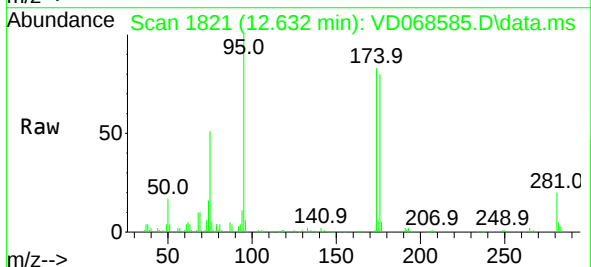
Instrument :
MSVOA_D
ClientSampled :

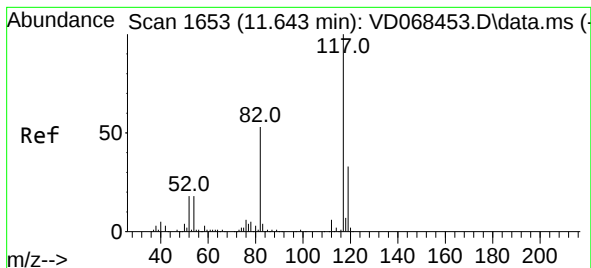
Tgt Ion: 98 Resp: 425459
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

Tgt Ion: 95 Resp: 142994
Ion Ratio Lower Upper
95 100
174 84.8 0.0 172.4
176 82.0 0.0 168.4

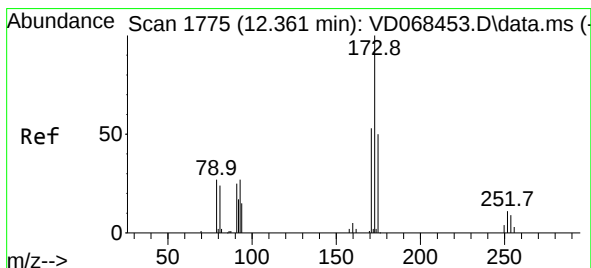
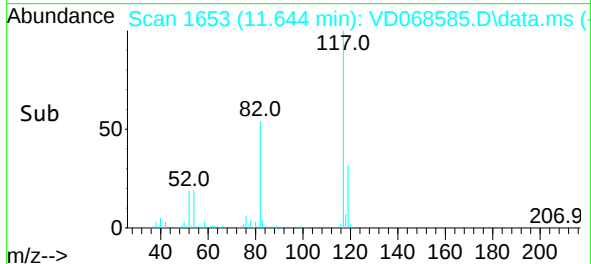
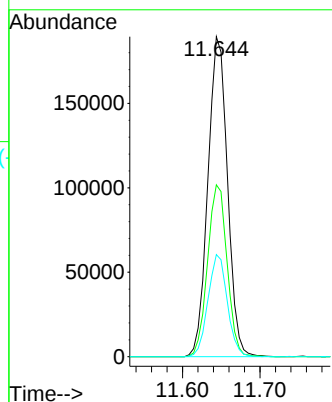
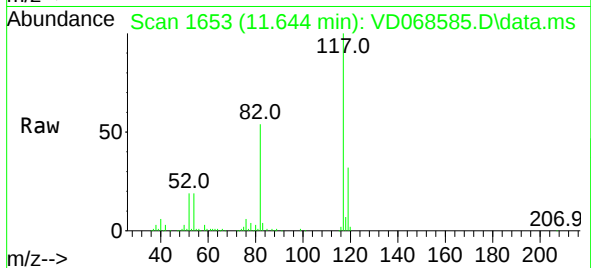




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

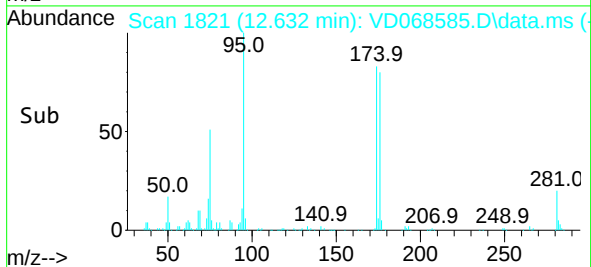
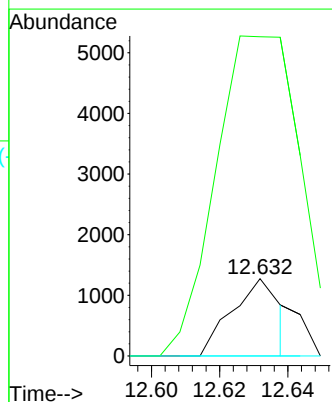
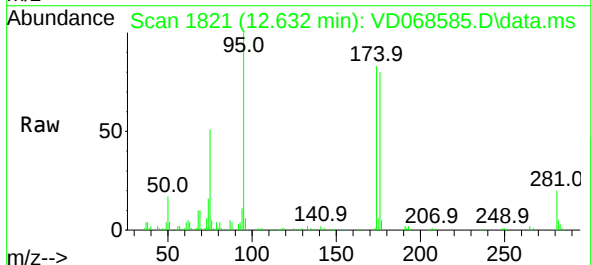
Instrument :
MSVOA_D
ClientSampled :

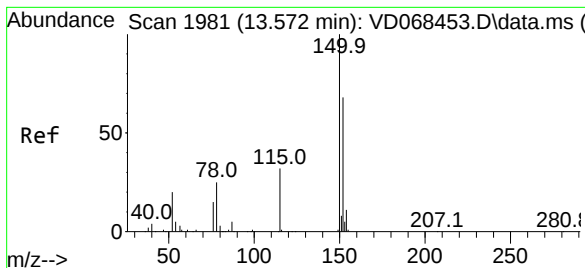
Tgt Ion:117 Resp: 332833
Ion Ratio Lower Upper
117 100
82 53.7 41.4 62.0
119 31.9 26.1 39.1



#71
Bromoform
Concen: 1.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

Tgt Ion:173 Resp: 1250
Ion Ratio Lower Upper
173 100
175 598.2 24.6 73.8#
254 0.0 0.0 0.0

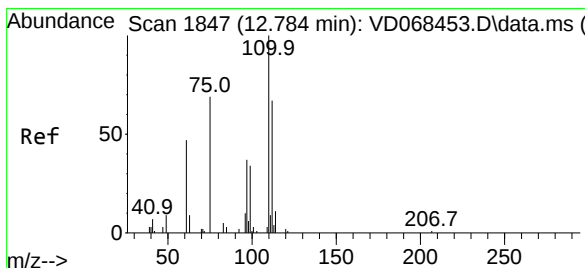
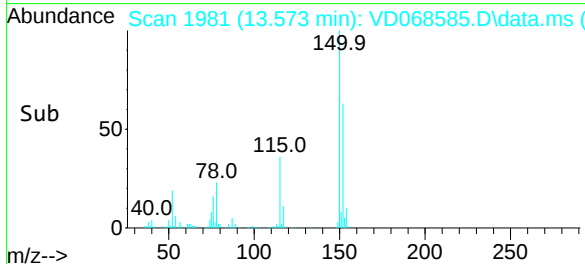
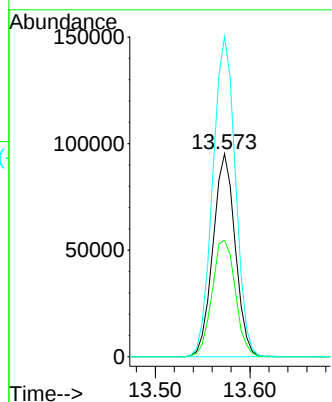
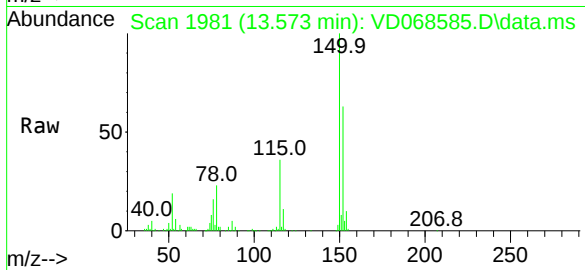




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

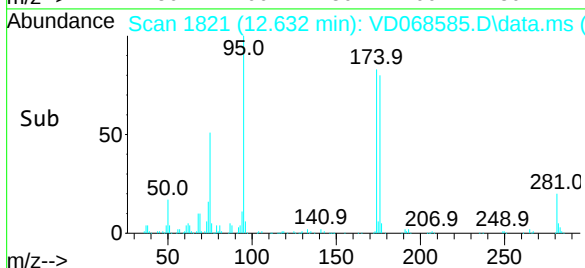
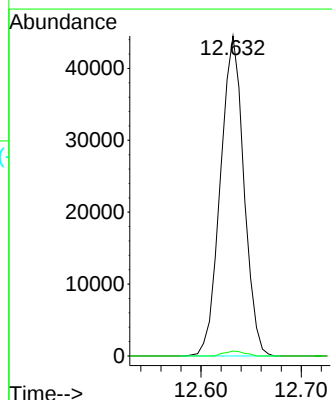
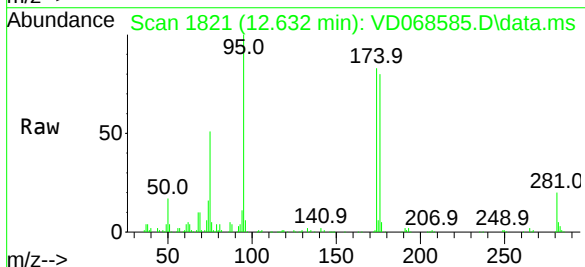
Instrument :
MSVOA_D
ClientSampled :

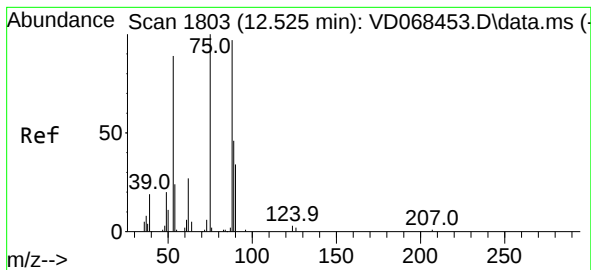
Tgt Ion:152 Resp: 154758
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.8
150 161.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 52.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068585.D
Acq: 11 Mar 2021 15:13

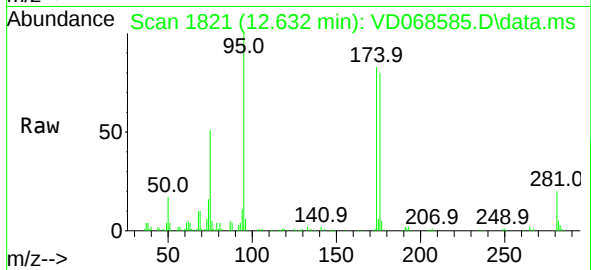
Tgt Ion: 75 Resp: 72354
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.90 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068585.D
 Acq: 11 Mar 2021 15:13

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 72354
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

