

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068230.D
 Acq On : 28 Jan 2021 18:23
 Operator : VA/SY
 Sample : M1271-04
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-RBR-200035

Quant Time: Jan 29 00:11:35 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)

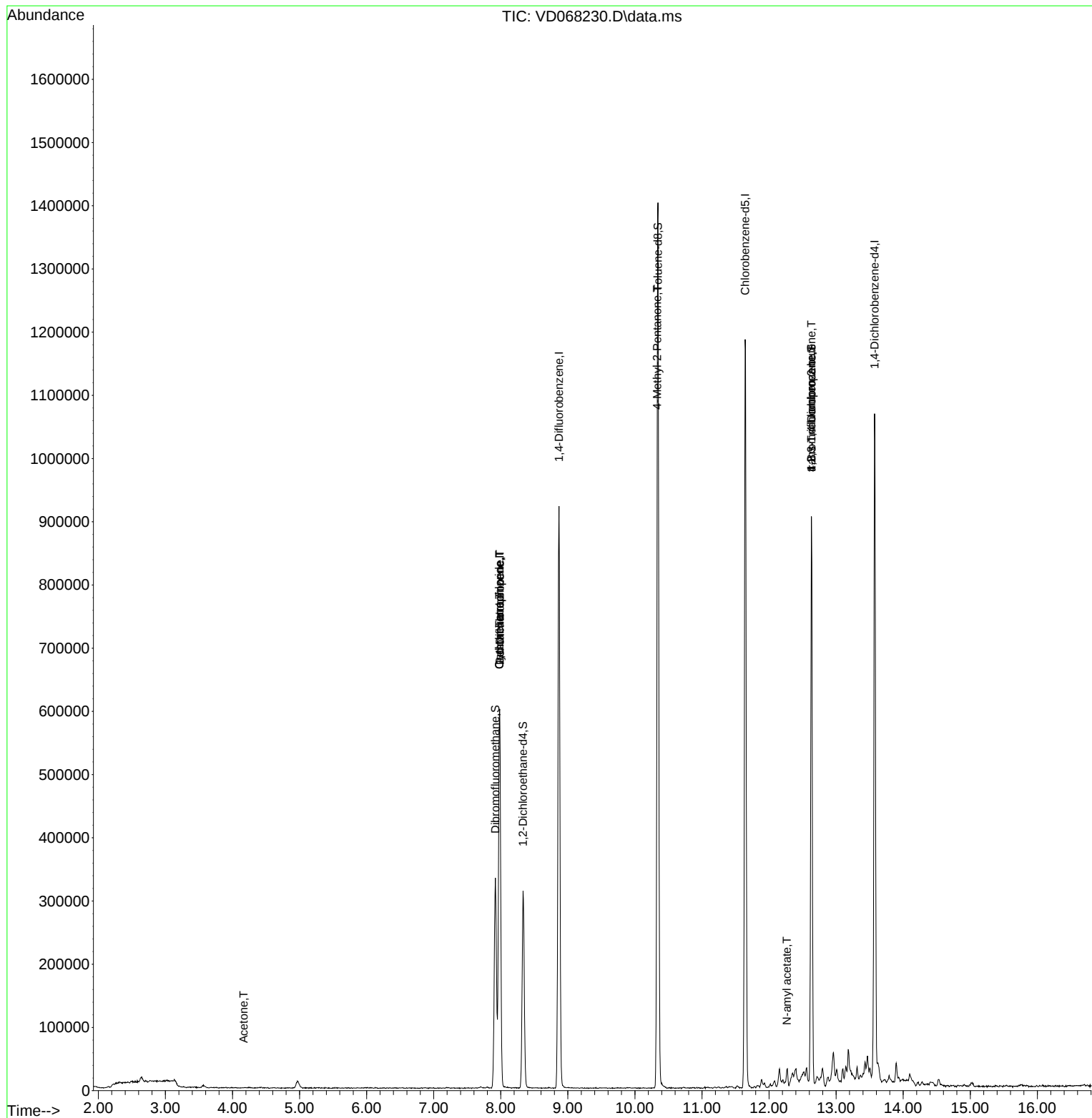
Internal Standards						
1) Pentafluorobenzene	7.985	168	462706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	813539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	704616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	283254	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	247435	55.90	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.80%
35) Dibromofluoromethane	7.920	113	240056	53.37	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.74%
50) Toluene-d8	10.344	98	994192	55.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.52%
62) 4-Bromofluorobenzene	12.632	95	302605	46.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.42%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	869	1.10	ug/l #	44
20) Methylene Chloride	4.973	84	9057	Below Cal	#	84
31) Cyclohexane	7.979	56	9871	1.03	ug/l #	4
36) 1,1-Dichloropropene	7.985	75	38405	4.68	ug/l #	48
38) Carbon Tetrachloride	7.979	117	46435	6.05	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	4394	1.56	ug/l #	1
74) N-amyl acetate	12.267	43	5458	1.11	ug/l #	63
76) 1,2,3-Trichloropropane	12.632	75	156045	56.98	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	156045	115.29	ug/l #	14

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

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Quant Title : SW846 8260
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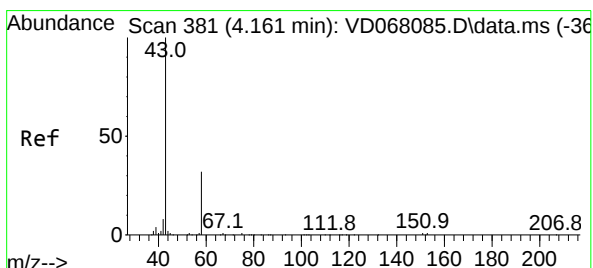
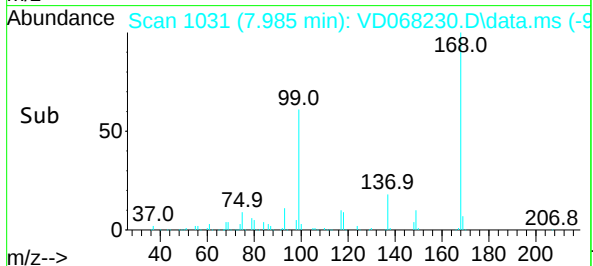
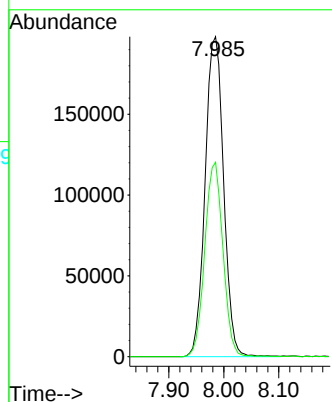
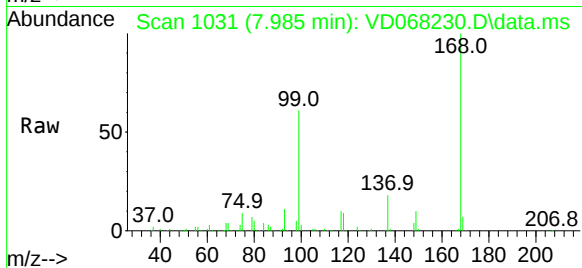




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

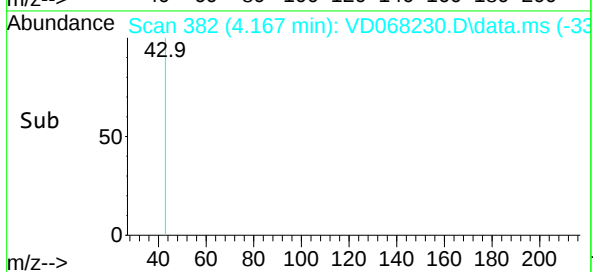
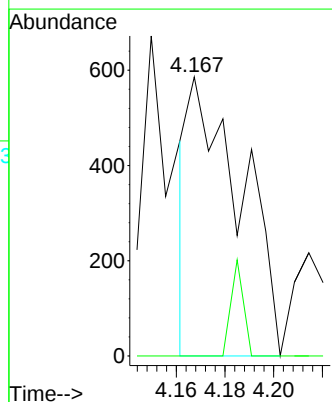
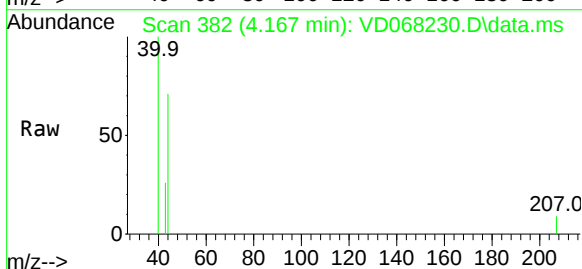
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200035

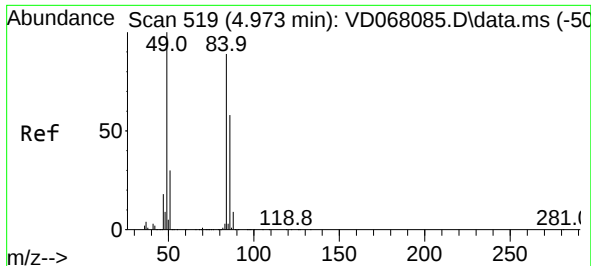
Tgt Ion:168 Resp: 462706
Ion Ratio Lower Upper
168 100
99 60.7 43.5 65.3



#16
Acetone
Concen: 1.10 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#

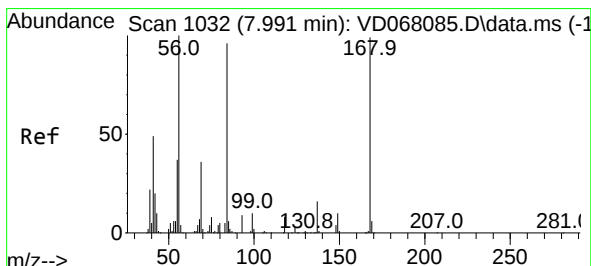
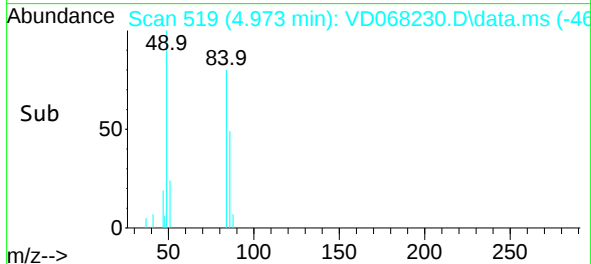
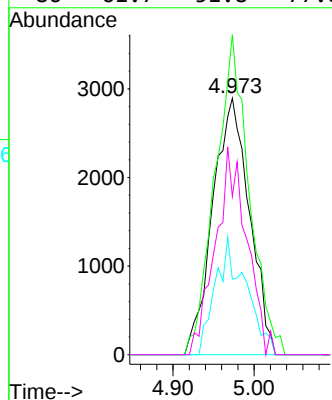
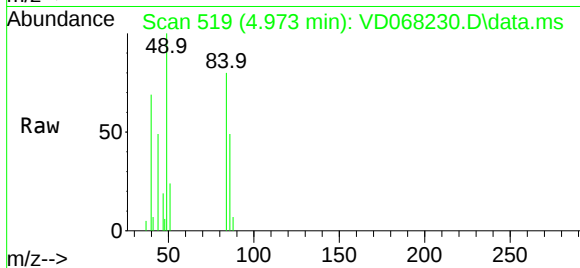




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

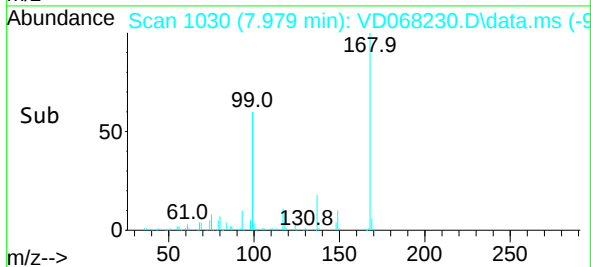
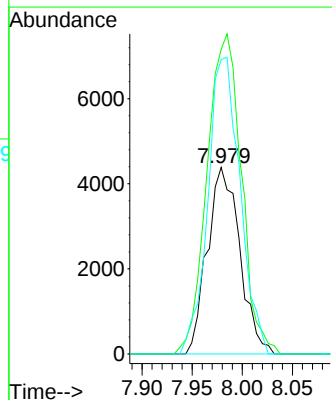
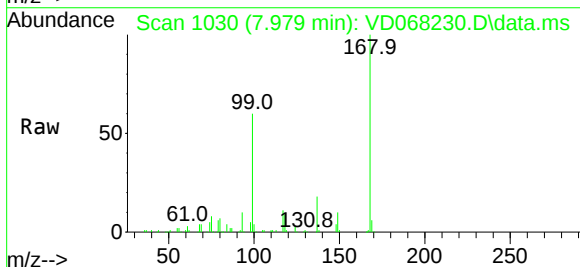
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200035

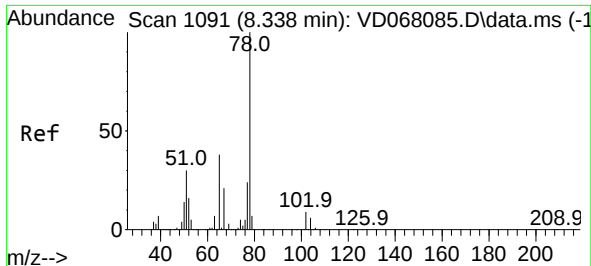
Tgt Ion:	84	Resp:	9057
Ion	Ratio	Lower	Upper
84	100		
49	124.8	77.4	116.2#
51	29.5	26.1	39.1
86	61.7	51.8	77.8



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion:	56	Resp:	9871
Ion	Ratio	Lower	Upper
56	100		
69	163.3	30.1	45.1#
84	157.8	82.1	123.1#

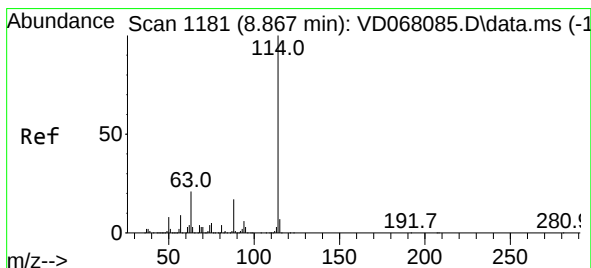
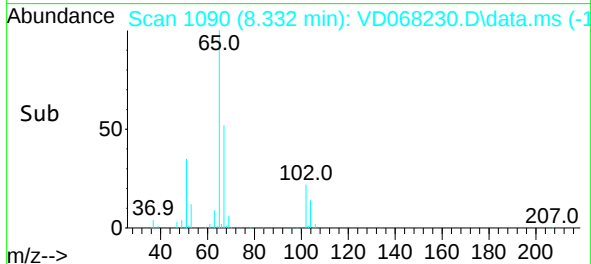
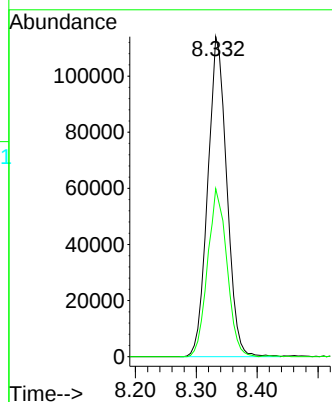
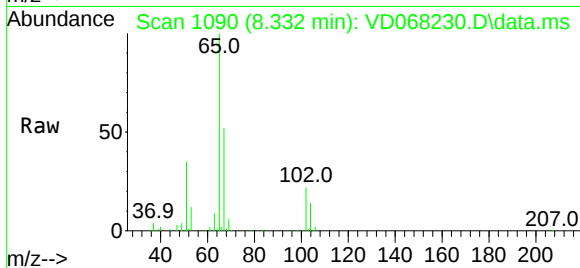




#33
1,2-Dichloroethane-d4
Concen: 55.90 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

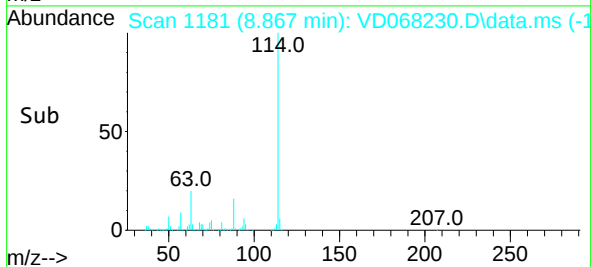
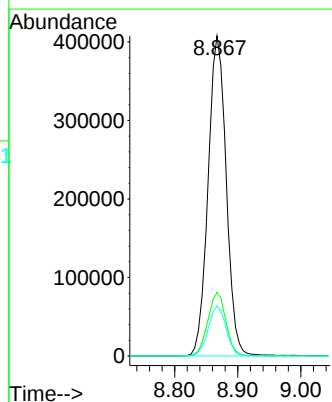
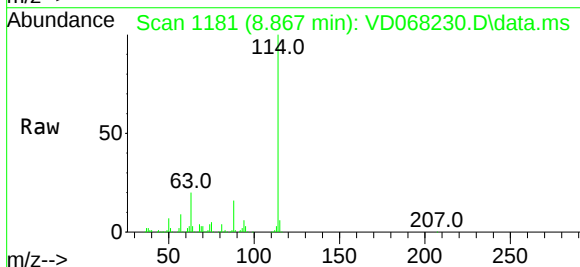
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200035

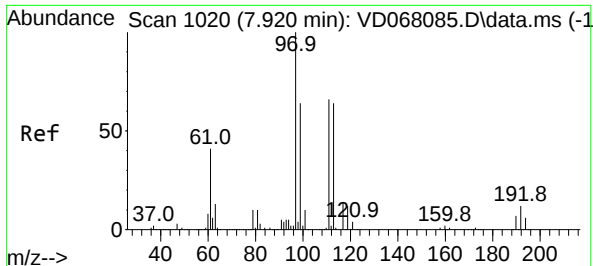
Tgt Ion: 65 Resp: 247435
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion: 114 Resp: 813539
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.37 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068230.D

Acq: 28 Jan 2021 18:23

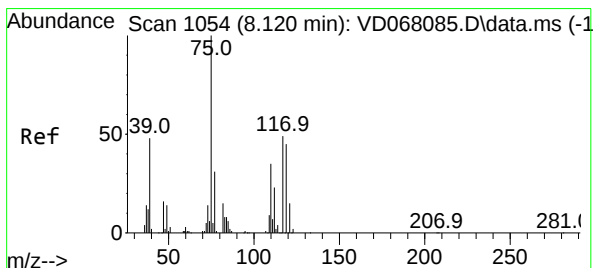
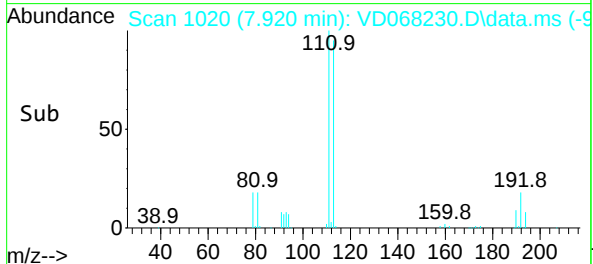
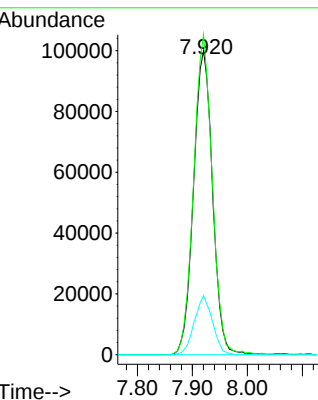
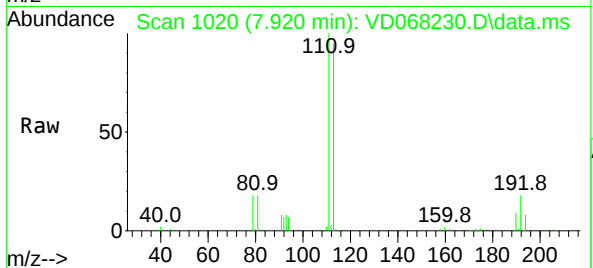
Tgt Ion:113 Resp: 240056

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.68 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068230.D

Acq: 28 Jan 2021 18:23

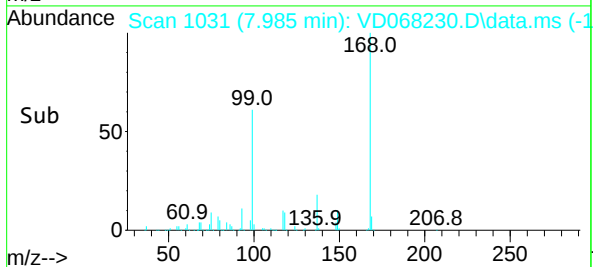
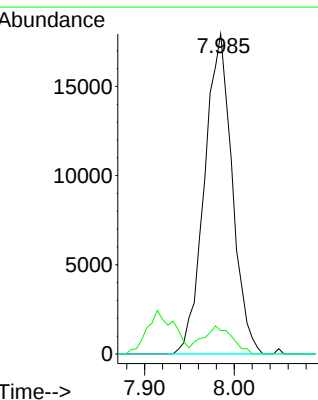
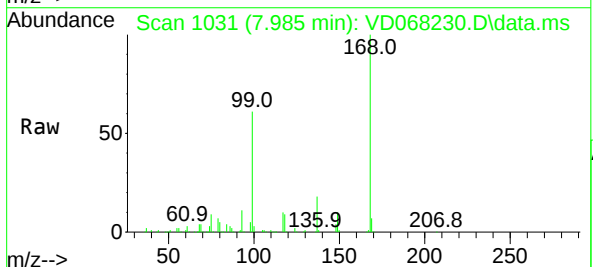
Tgt Ion: 75 Resp: 38405

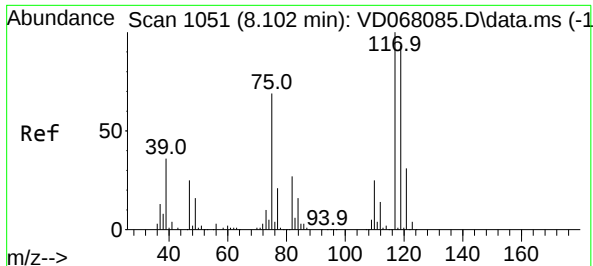
Ion Ratio Lower Upper

75 100

110 9.3 19.4 58.2#

77 0.0 25.3 37.9#

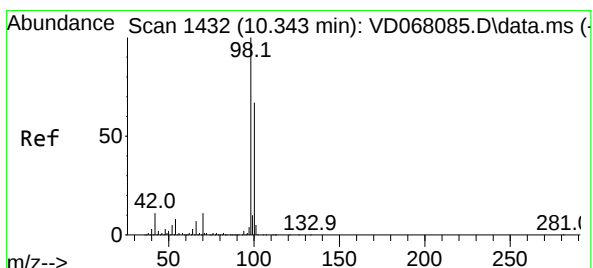
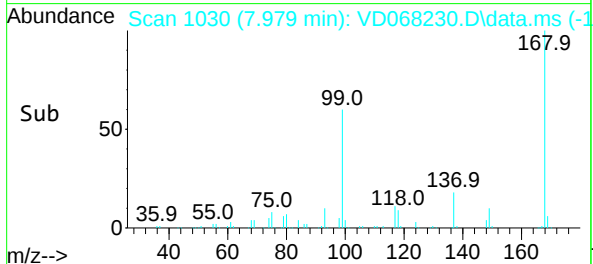
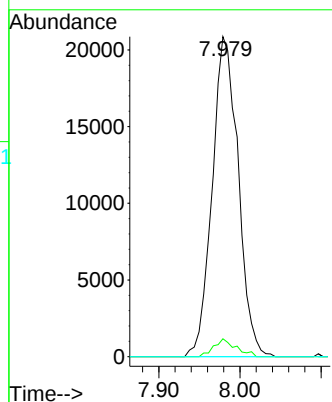
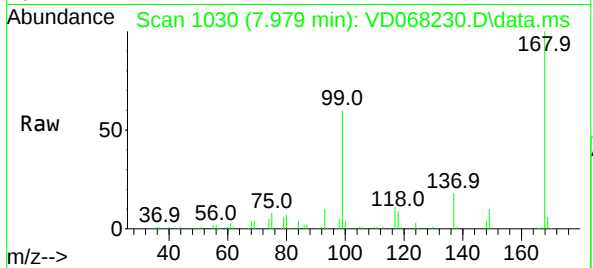




#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

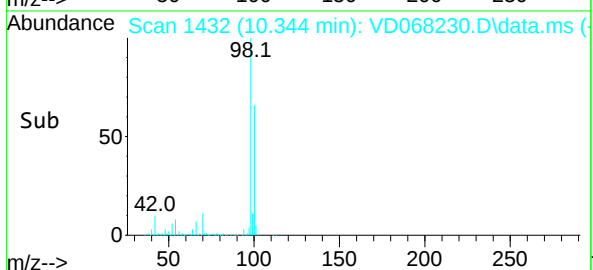
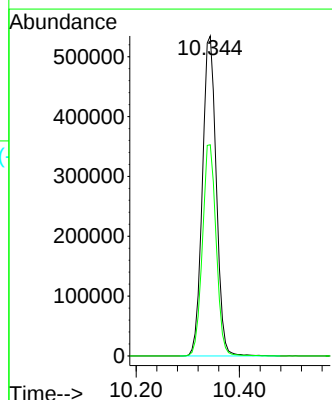
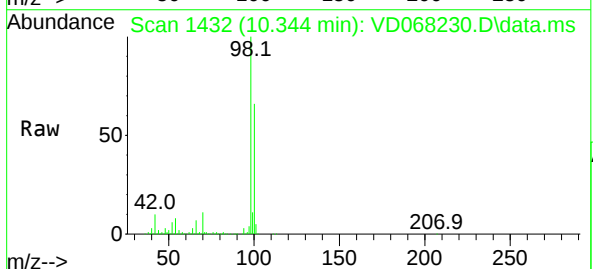
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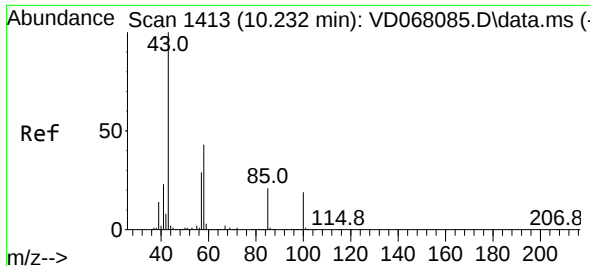
Tgt Ion:117 Resp: 46435
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.26 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion: 98 Resp: 994192
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

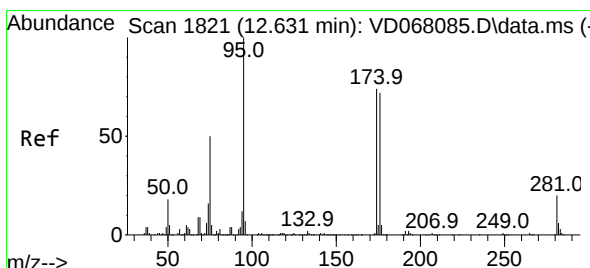
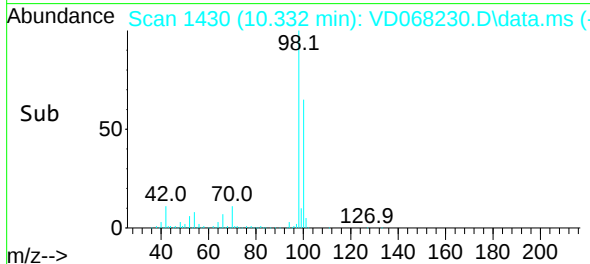
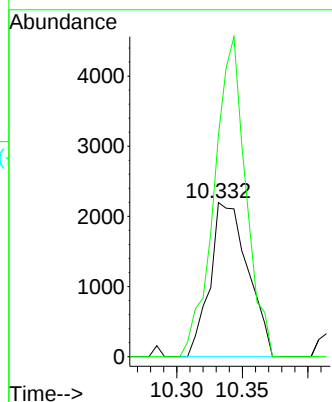
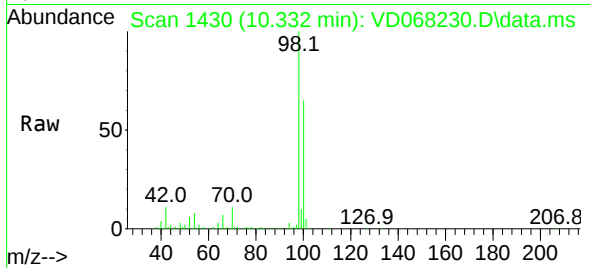




#51
4-Methyl-2-Pentanone
Concen: 1.56 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.100 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

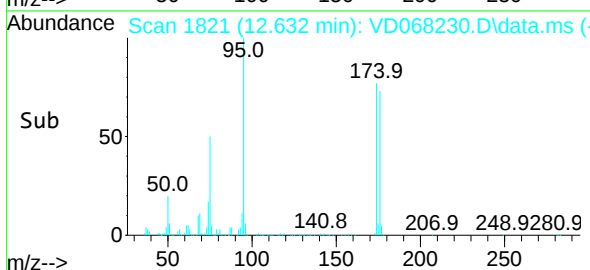
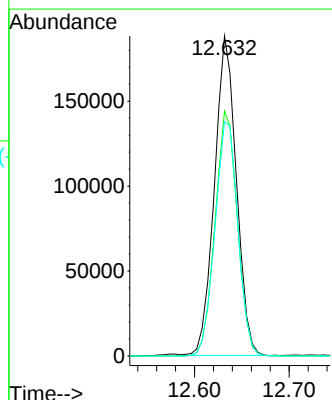
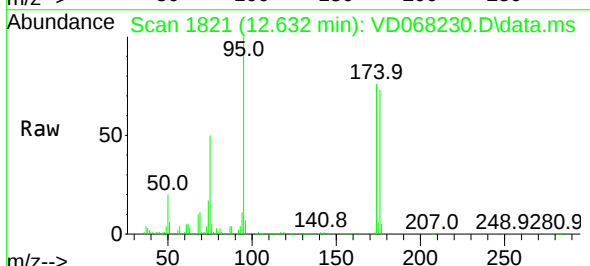
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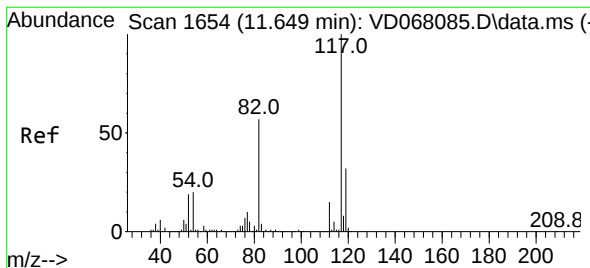
Tgt Ion: 43 Resp: 4394
Ion Ratio Lower Upper
43 100
58 174.2 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 46.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion: 95 Resp: 302605
Ion Ratio Lower Upper
95 100
174 77.8 0.0 172.4
176 76.7 0.0 168.4

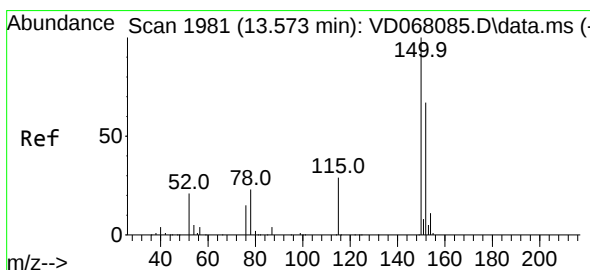
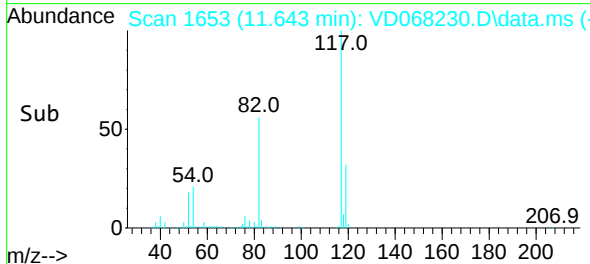
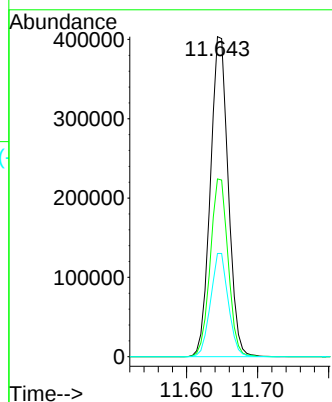
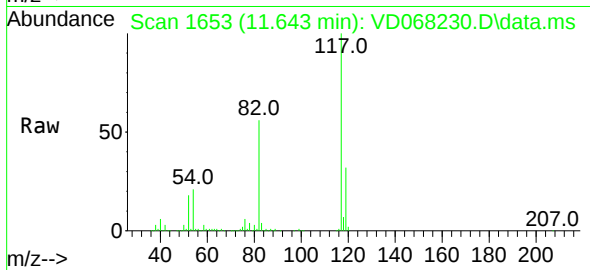




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

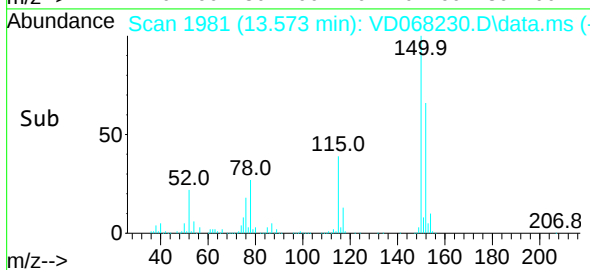
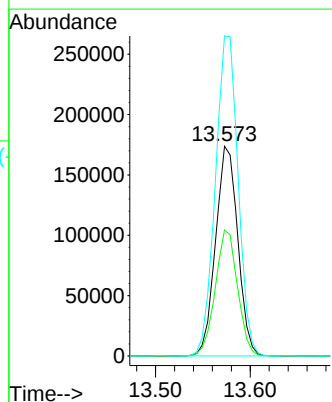
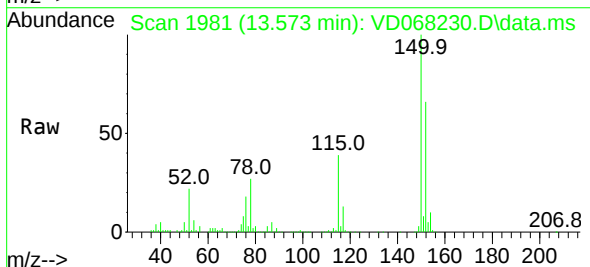
Instrument :
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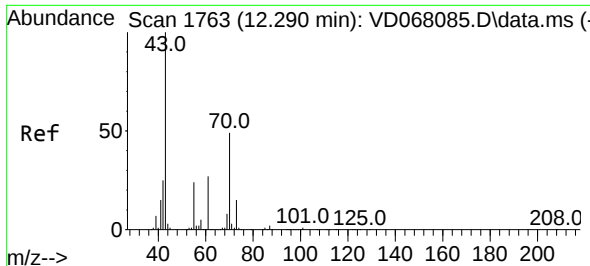
Tgt Ion:	117	Resp:	704616
Ion	Ratio	Lower	Upper
117	100		
82	55.6	41.4	62.0
119	32.3	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

Tgt Ion:	152	Resp:	283254
Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.9	86.8
150	156.3	0.0	344.4

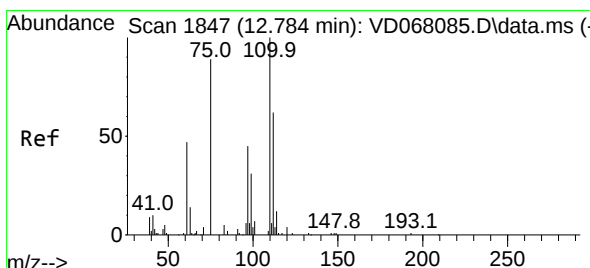
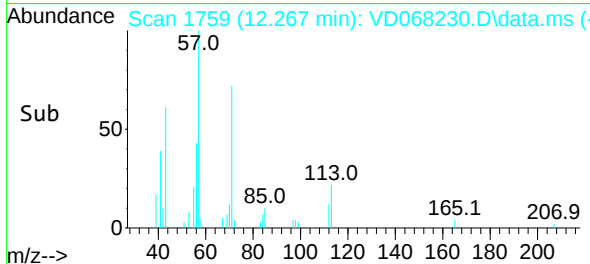
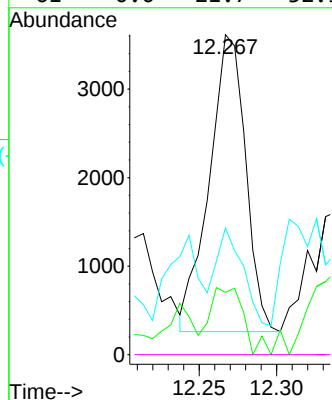
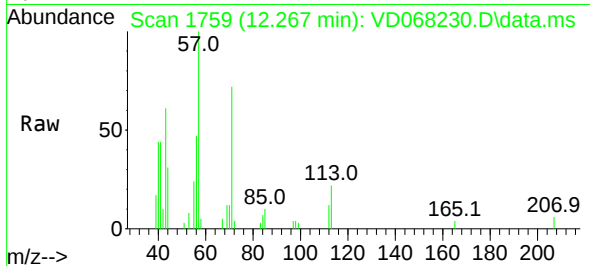




#74
N-amy1 acetate
Concen: 1.11 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.023 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

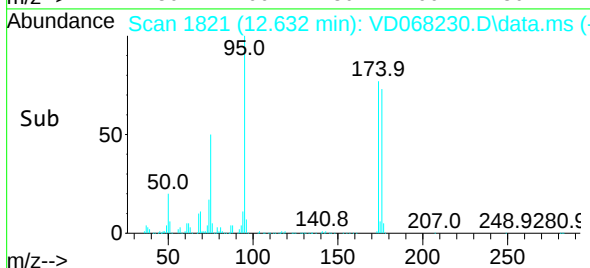
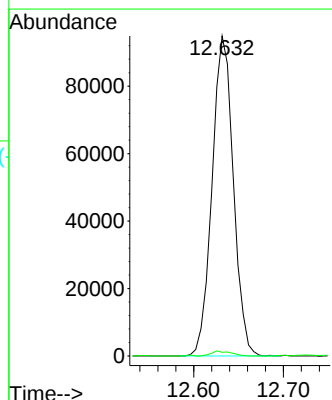
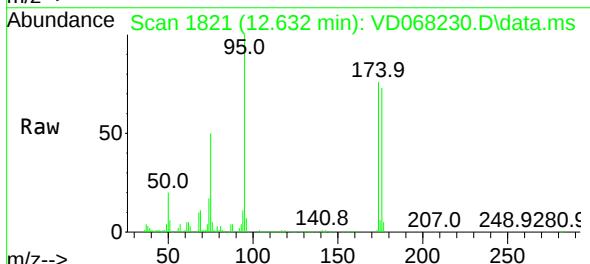
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR-200035

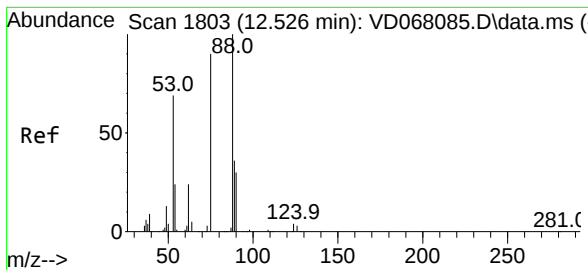
Tgt Ion: 43	Resp: 5458
Ion Ratio	Lower Upper
43 100	
70 21.1	41.8 62.8#
55 23.7	24.2 36.4#
61 0.0	21.7 32.5#



#76
1,2,3-Trichloropropane
Concen: 56.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068230.D
Acq: 28 Jan 2021 18:23

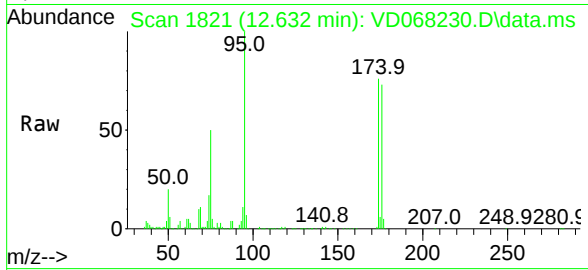
Tgt Ion: 75	Resp: 156045
Ion Ratio	Lower Upper
75 100	
77 1.4	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.29 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068230.D
 Acq: 28 Jan 2021 18:23

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-RBR-200035



Tgt Ion: 75 Resp: 156045
 Ion Ratio Lower Upper
 75 100
 53 0.4 70.2 105.2#
 89 0.0 40.3 60.5#

