

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
 Data File : VD068344.D
 Acq On : 10 Feb 2021 14:07
 Operator : VA/SY
 Sample : M1347-01
 Misc : 4.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-020921

Quant Time: Feb 11 00:12:47 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)

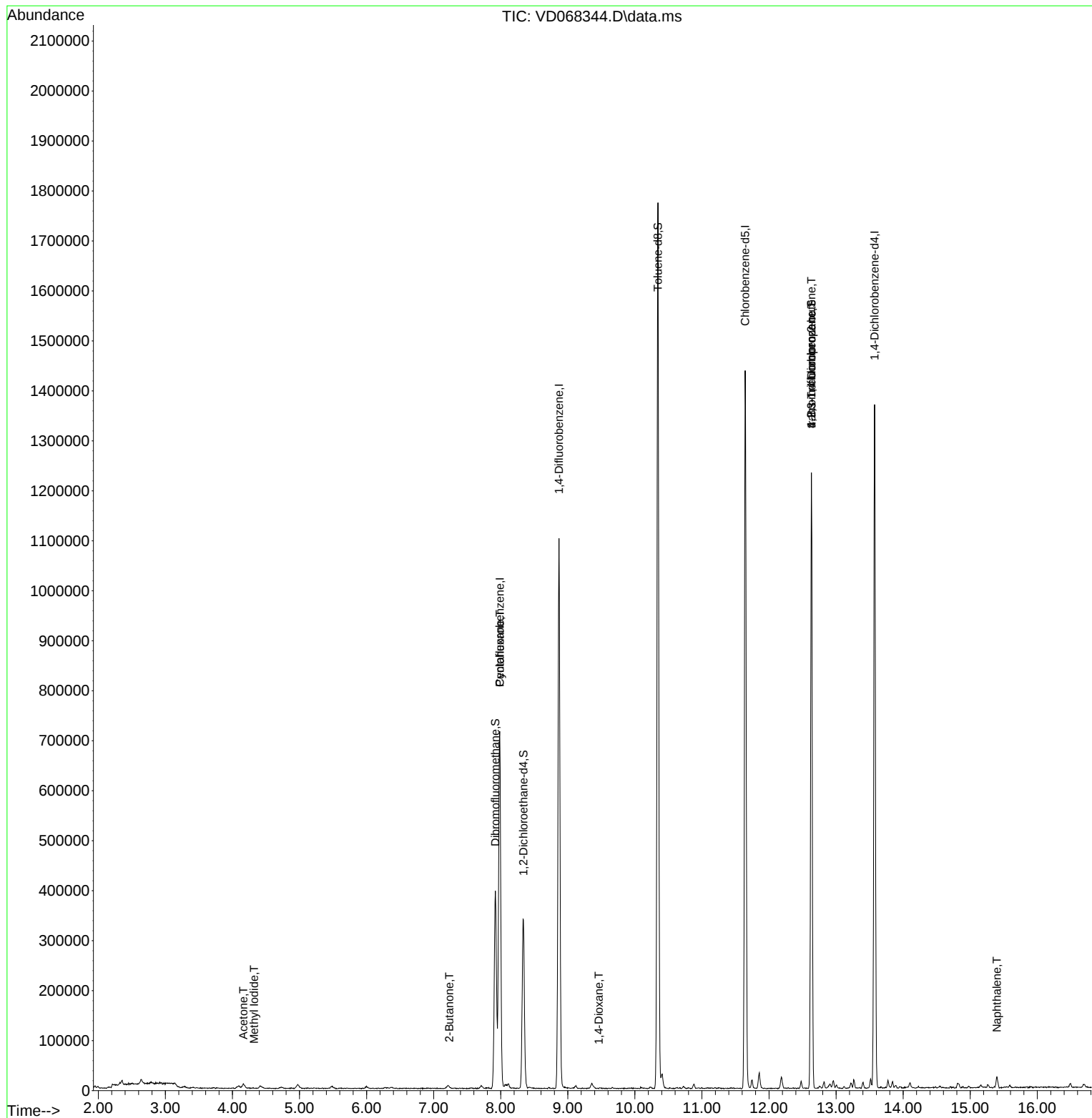
Internal Standards						
1) Pentafluorobenzene	7.985	168	537005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	972499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	858797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	367699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	272725	53.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.18%	
35) Dibromofluoromethane	7.920	113	281459	52.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.70%	
50) Toluene-d8	10.344	98	1214433	56.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.94%	
62) 4-Bromofluorobenzene	12.632	95	375529	48.49	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.98%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.320	142	1356	3.35	ug/l #	81
11) Tert butyl alcohol	5.220	59	582	Below Cal	#	74
16) Acetone	4.162	43	15848	17.28	ug/l	96
20) Methylene Chloride	4.979	84	5535	Below Cal	#	85
25) 2-Butanone	7.232	43	1522	1.10	ug/l #	43
31) Cyclohexane	7.985	56	15293	1.37	ug/l #	38
49) 1,4-Dioxane	9.461	88	73	1.83	ug/l #	50
76) 1,2,3-Trichloropropane	12.632	75	192033	54.01	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	192033	109.30	ug/l #	14
95) Naphthalene	15.396	128	19430	1.40	ug/l	99

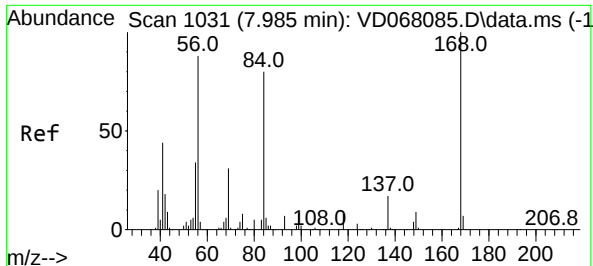
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
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ALS Vial : 7 Sample Multiplier: 1

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Quant Title : SW846 8260
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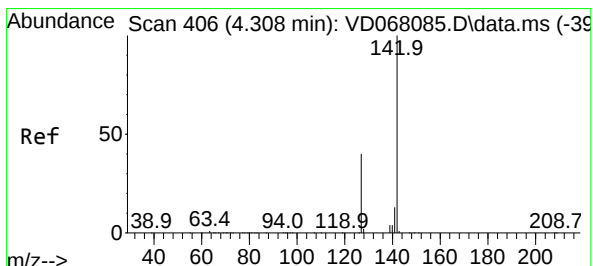
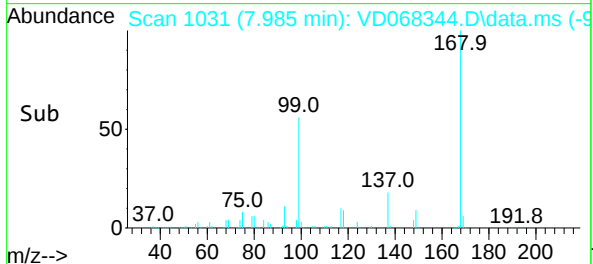
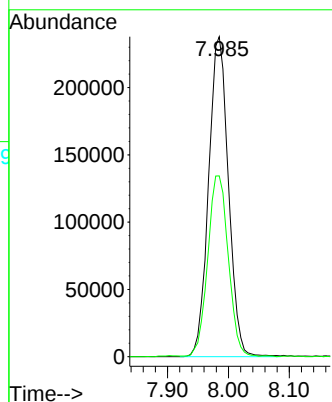
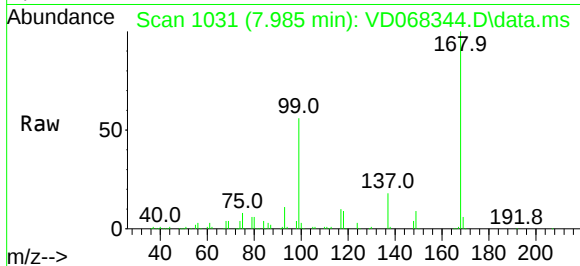




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

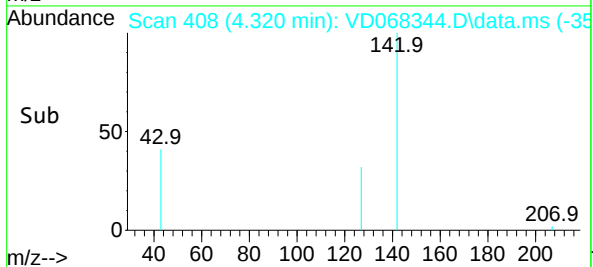
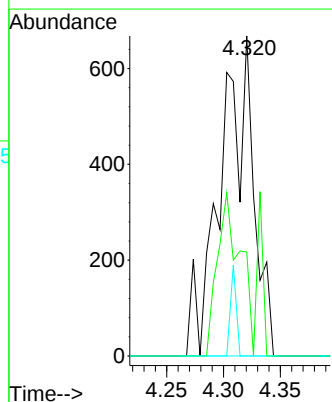
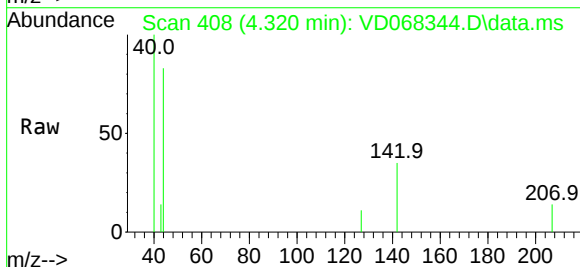
Instrument :
MSVOA_D
ClientSampleId :
OR-03-020921

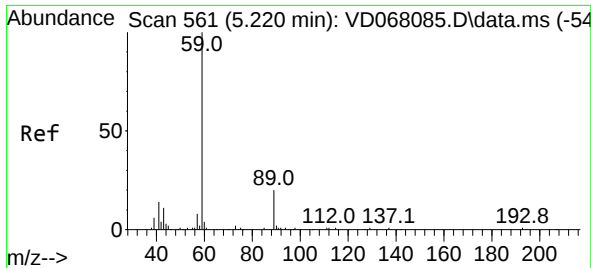
Tgt Ion:168 Resp: 537005
Ion Ratio Lower Upper
168 100
99 56.4 43.5 65.3



#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.012 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

Tgt Ion:142 Resp: 1356
Ion Ratio Lower Upper
142 100
127 35.5 37.9 56.9#
141 4.9 11.5 17.3#

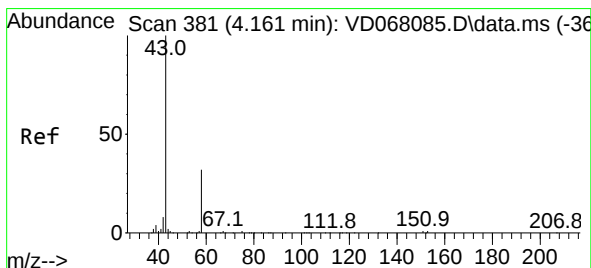
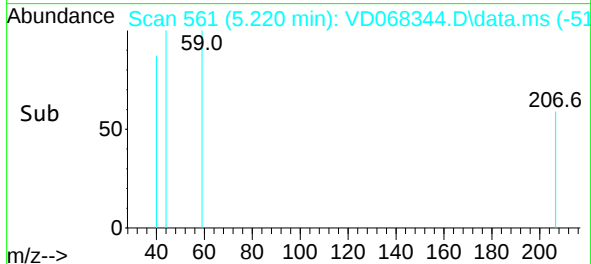
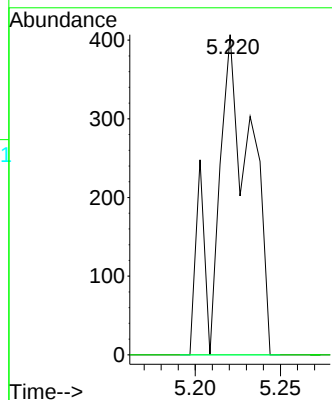
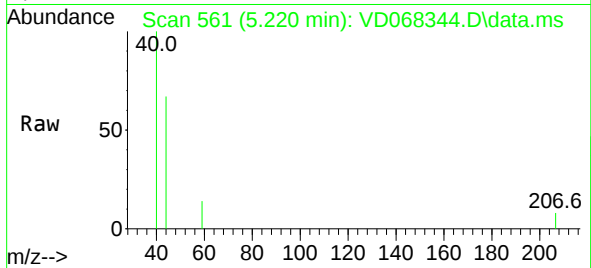




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

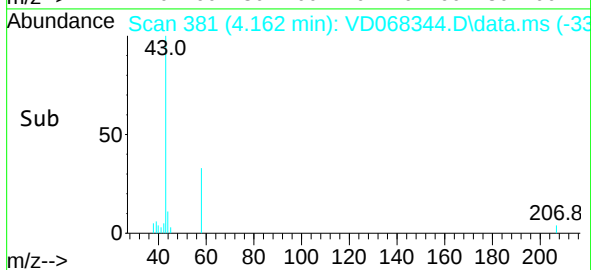
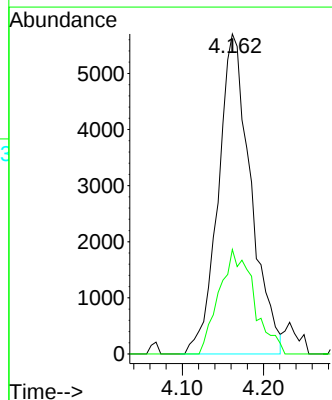
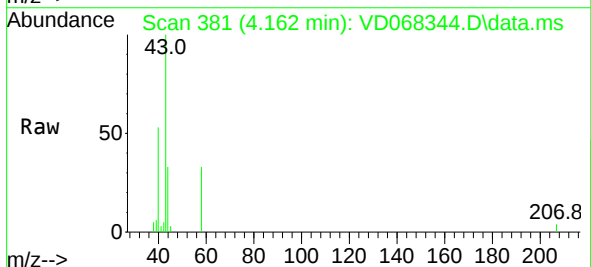
Instrument :
MSVOA_D
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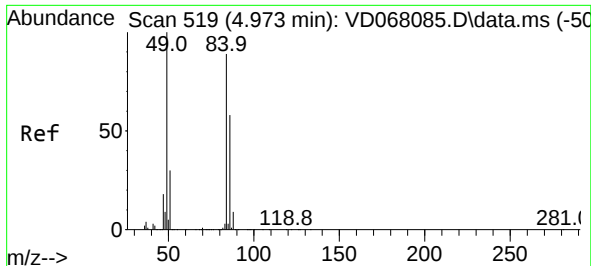
Tgt Ion: 59 Resp: 582
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 17.28 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

Tgt Ion: 43 Resp: 15848
Ion Ratio Lower Upper
43 100
58 32.6 24.2 36.4





#20

Methylene Chloride

Concen: Below Cal

RT: 4.979 min Scan# 520

Delta R.T. 0.006 min

Lab File: VD068344.D

Acq: 10 Feb 2021 14:07

Instrument :

MSVOA_D

ClientSampleId :

OR-03-020921

Tgt Ion: 84 Resp: 5535

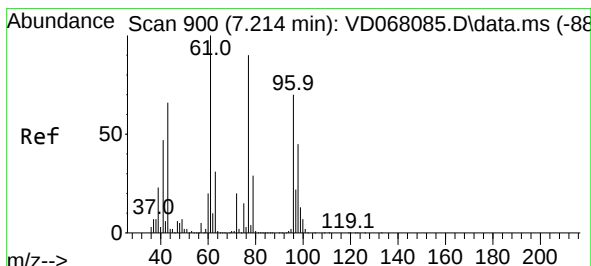
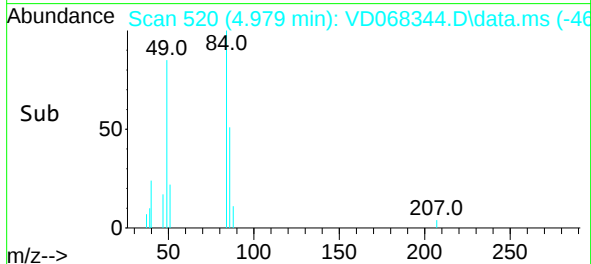
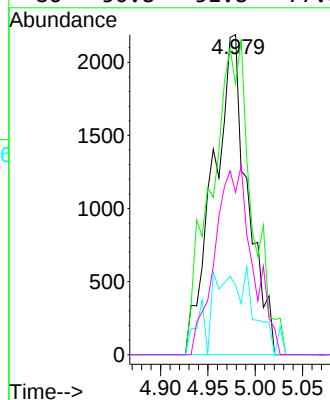
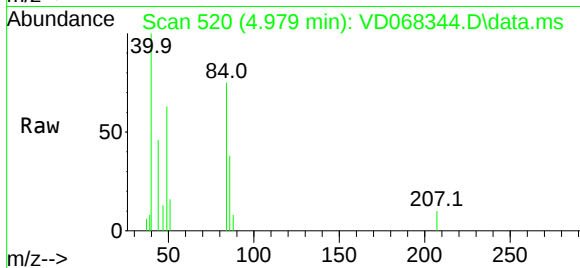
Ion Ratio Lower Upper

84 100

49 84.6 77.4 116.2

51 21.7 26.1 39.1#

86 50.8 51.8 77.8#



#25

2-Butanone

Concen: 1.10 ug/l

RT: 7.232 min Scan# 903

Delta R.T. 0.018 min

Lab File: VD068344.D

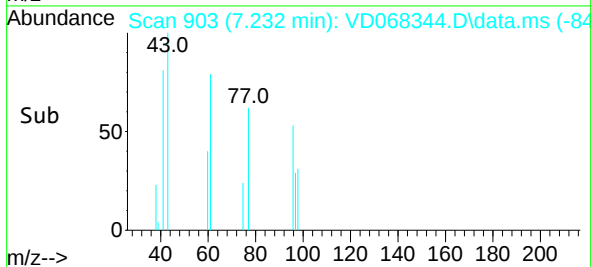
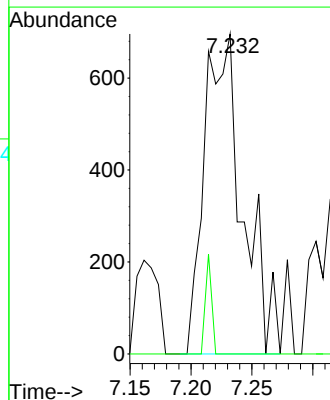
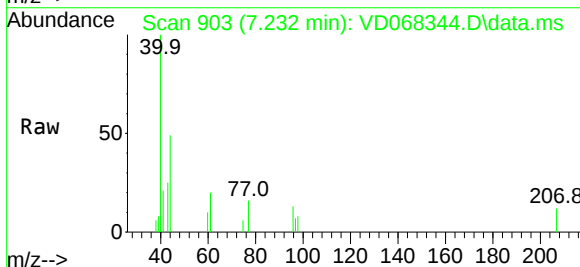
Acq: 10 Feb 2021 14:07

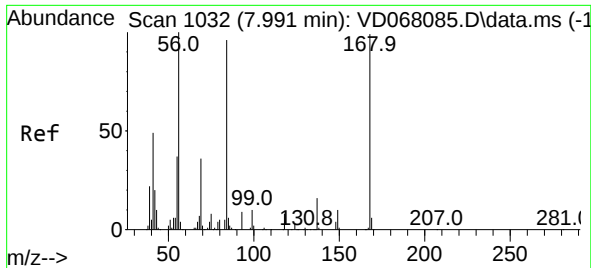
Tgt Ion: 43 Resp: 1522

Ion Ratio Lower Upper

43 100

72 0.0 25.1 37.7#

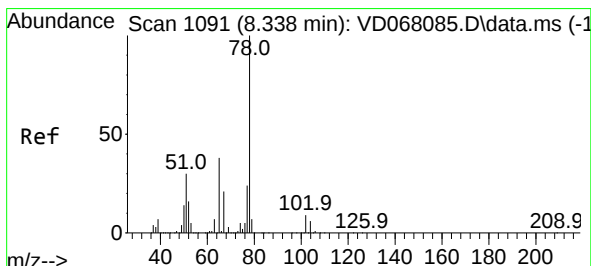
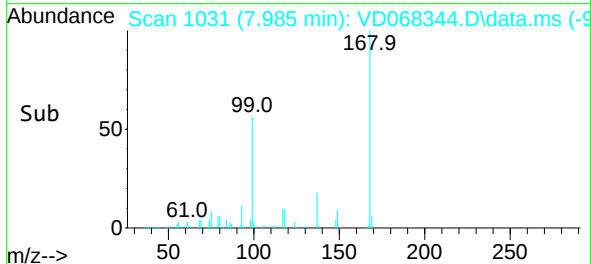
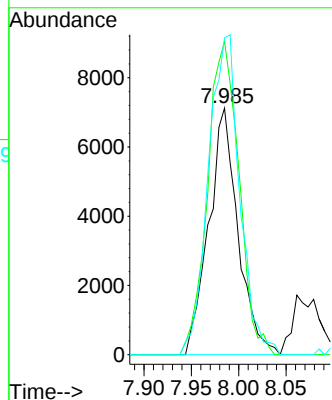
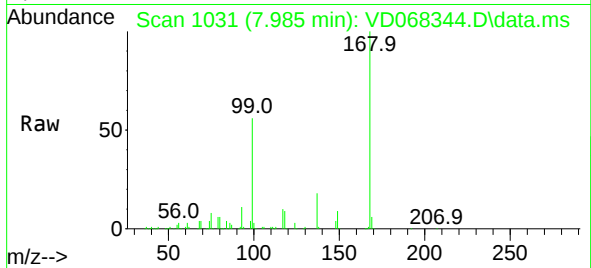




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

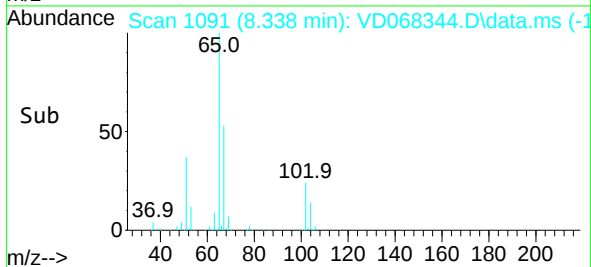
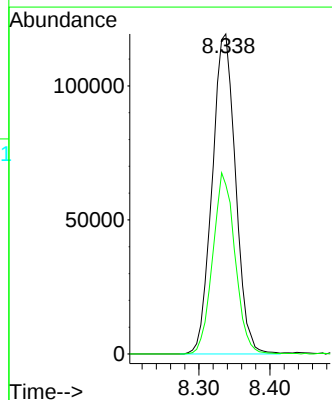
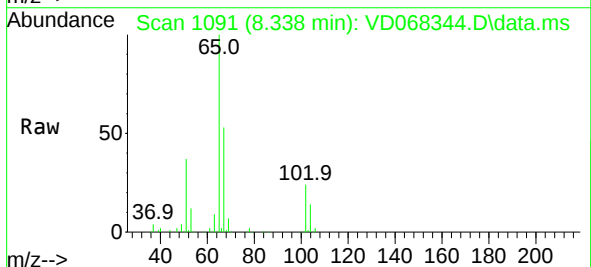
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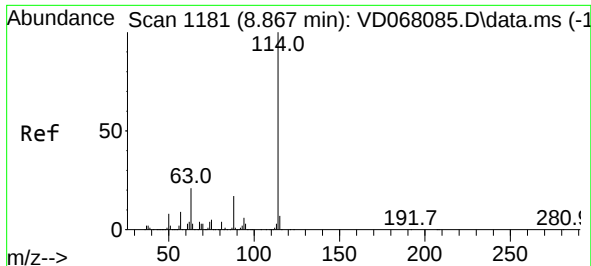
Tgt Ion: 56 Resp: 15293
Ion Ratio Lower Upper
56 100
69 127.0 30.1 45.1#
84 132.8 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 53.09 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

Tgt Ion: 65 Resp: 272725
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0

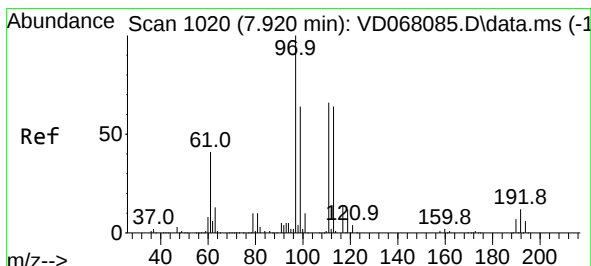
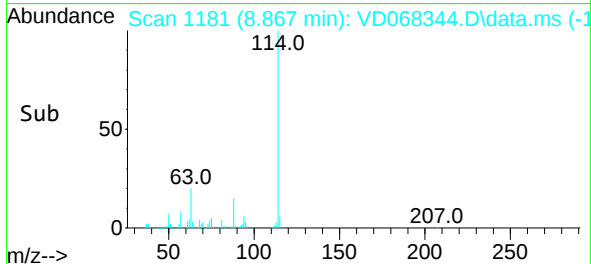
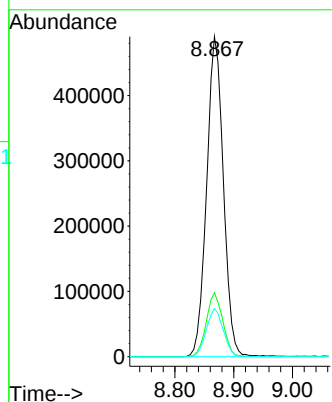
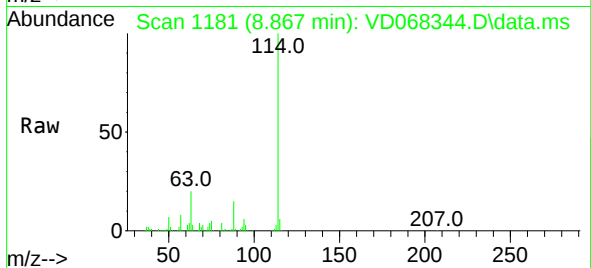




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

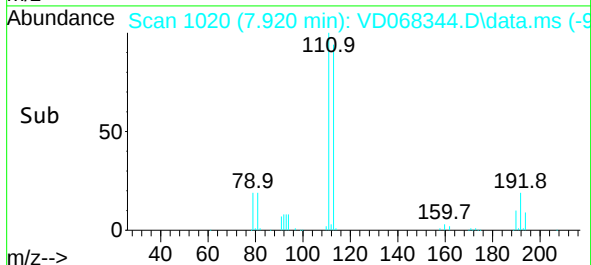
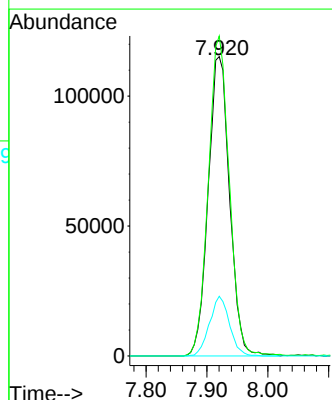
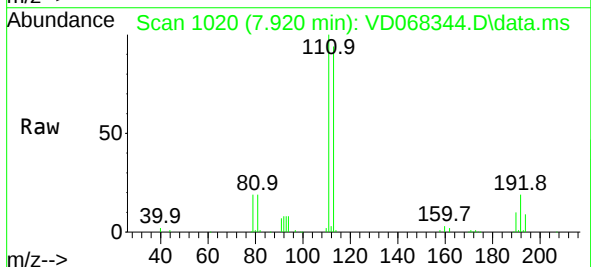
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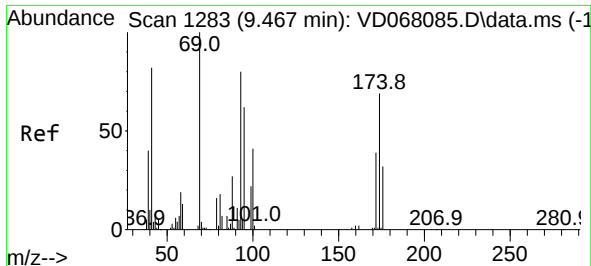
Tgt Ion:114 Resp: 972499
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 15.0 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.35 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

Tgt Ion:113 Resp: 281459
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.0
192 18.6 16.1 24.1

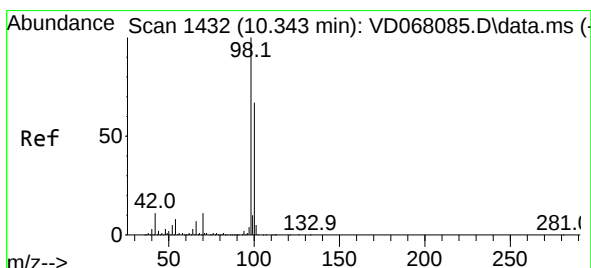
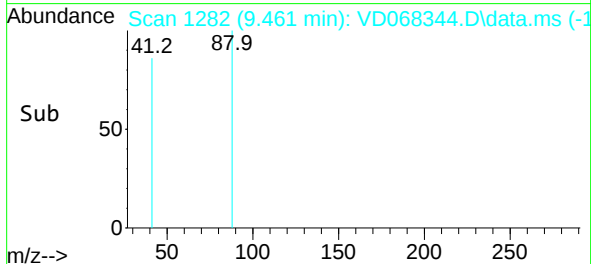
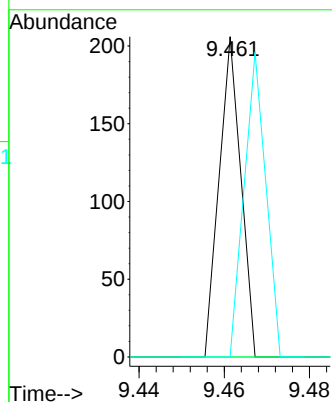
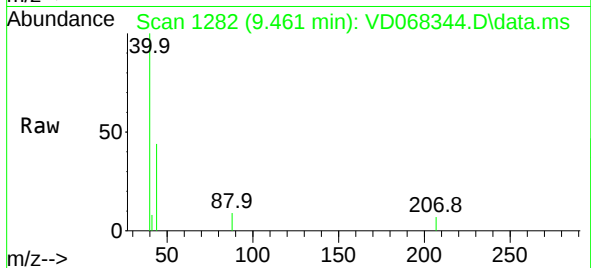




#49
1,4-Dioxane
Concen: 1.83 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

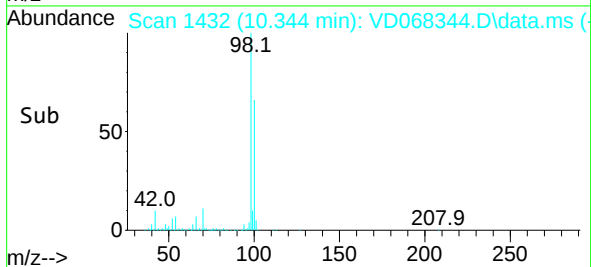
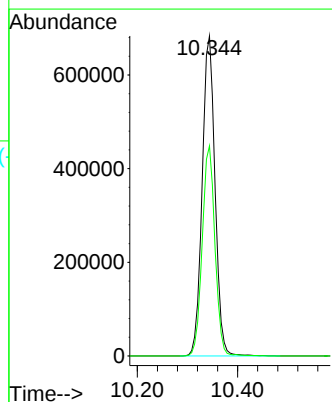
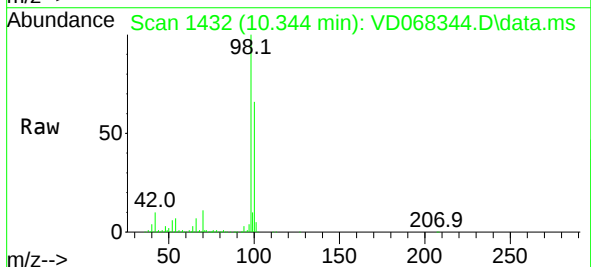
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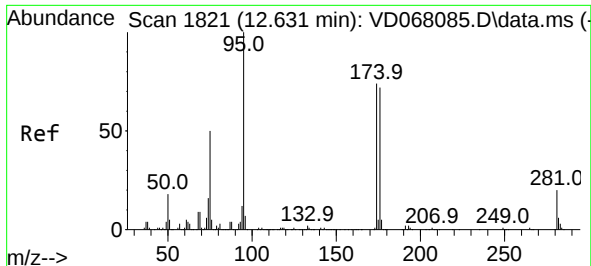
Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 94.5 46.7 70.1#



#50
Toluene-d8
Concen: 56.47 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

Tgt Ion: 98 Resp: 1214433
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4

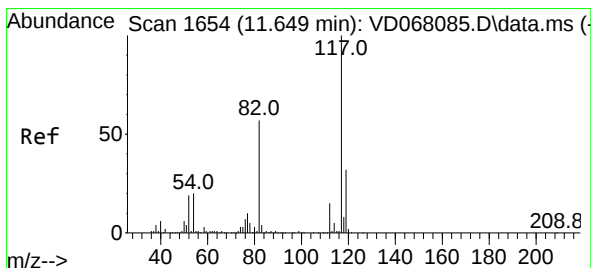
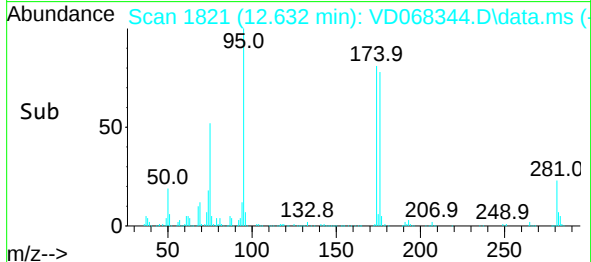
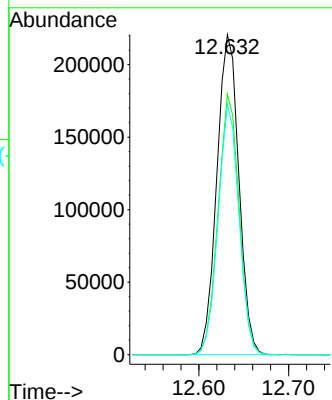
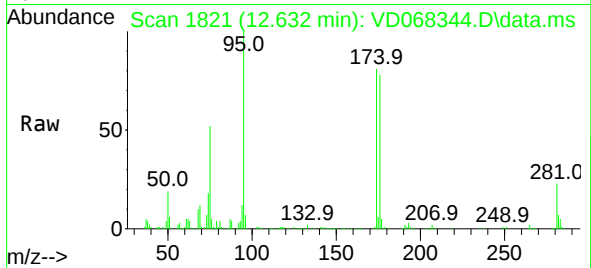




#62
4-Bromofluorobenzene
Concen: 48.49 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

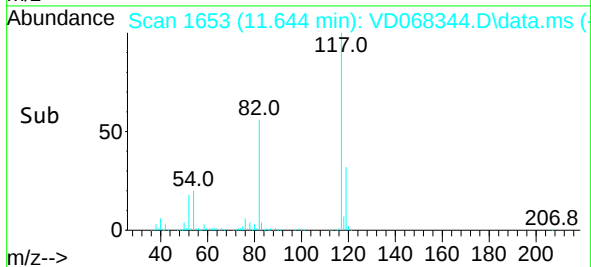
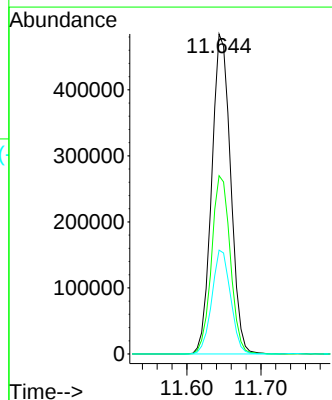
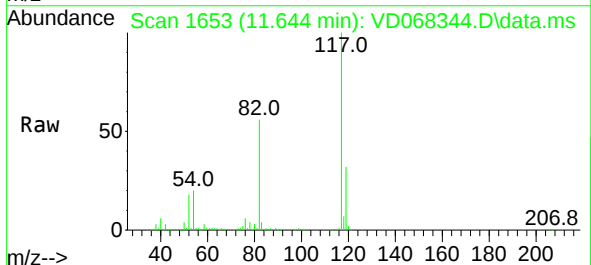
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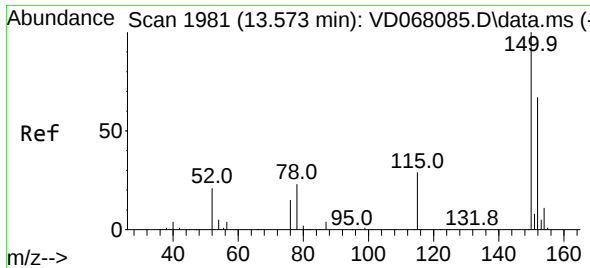
Tgt Ion: 95 Resp: 375529
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 74.3 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

Tgt Ion: 117 Resp: 858797
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.0
119 32.5 26.1 39.1

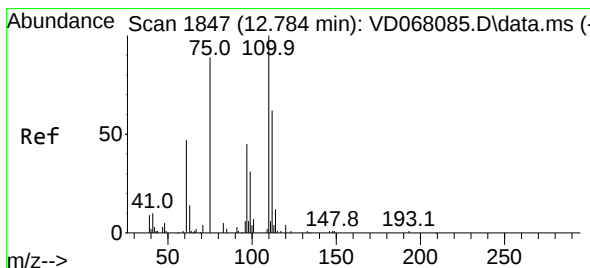
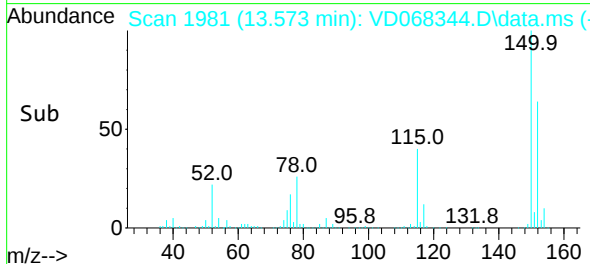
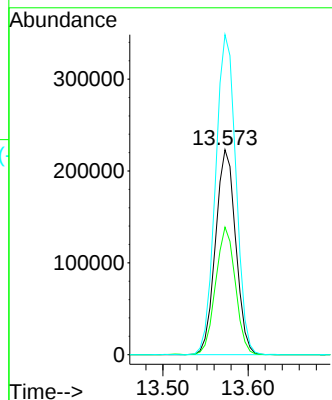
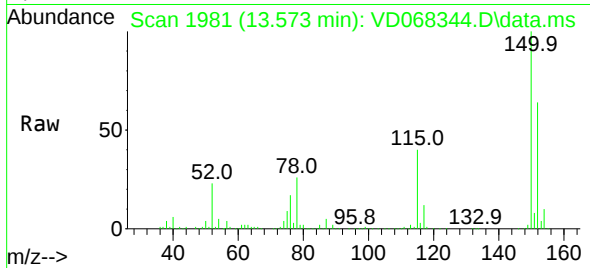




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068344.D
 Acq: 10 Feb 2021 14:07

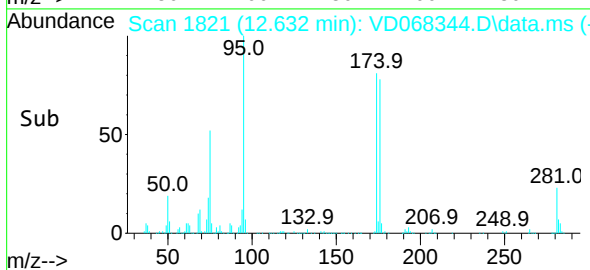
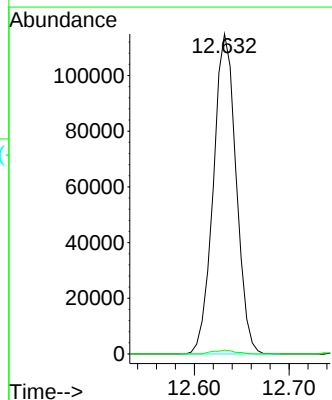
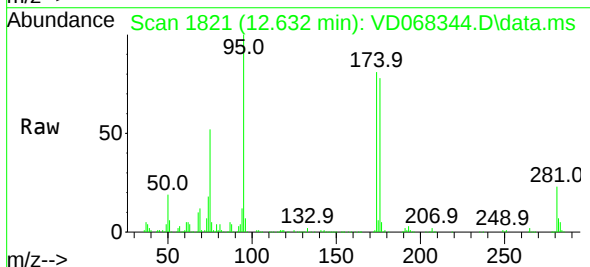
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-020921

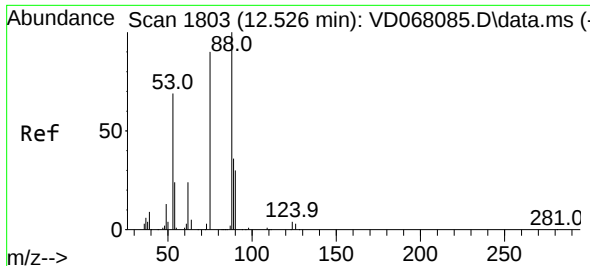
Tgt Ion:152 Resp: 367699
 Ion Ratio Lower Upper
 152 100
 115 60.8 28.9 86.8
 150 158.2 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 54.01 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068344.D
 Acq: 10 Feb 2021 14:07

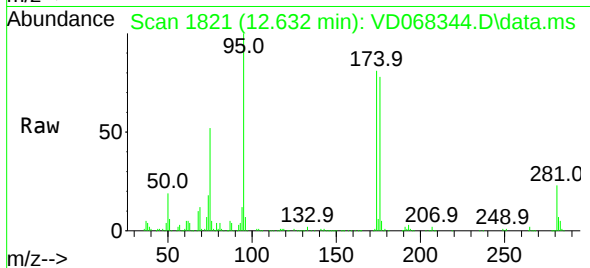
Tgt Ion: 75 Resp: 192033
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



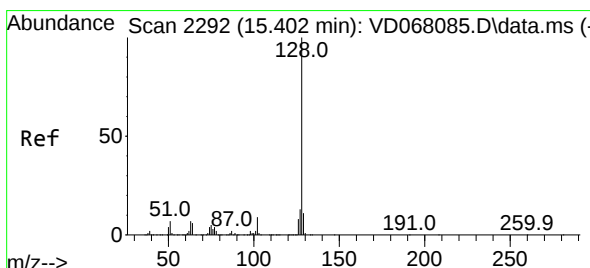
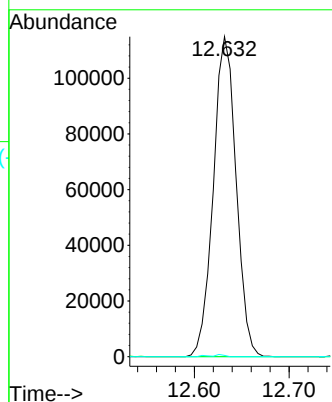
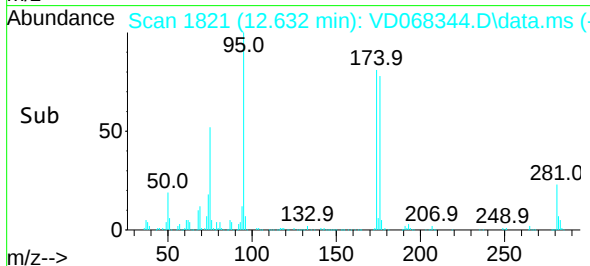


#81
trans-1,4-Dichloro-2-butene
Concen: 109.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07

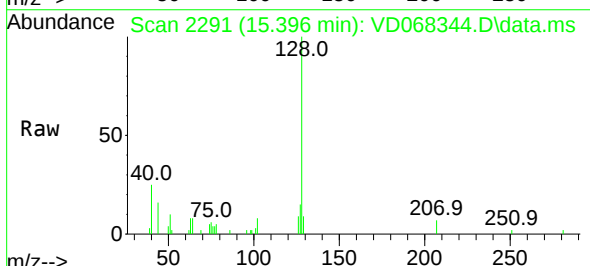
Instrument :
MSVOA_D
ClientSampleId :
OR-03-020921



Tgt Ion: 75 Resp: 192033
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.4 40.3 60.5#



#95
Naphthalene
Concen: 1.40 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068344.D
Acq: 10 Feb 2021 14:07



Tgt Ion: 128 Resp: 19430
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 11.0 8.8 13.2

