

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
 Data File : VD068701.D
 Acq On : 29 Mar 2021 16:34
 Operator : VA/SY
 Sample : M1826-02
 Misc : 7.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-RBR200035

Quant Time: Mar 30 01:05:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

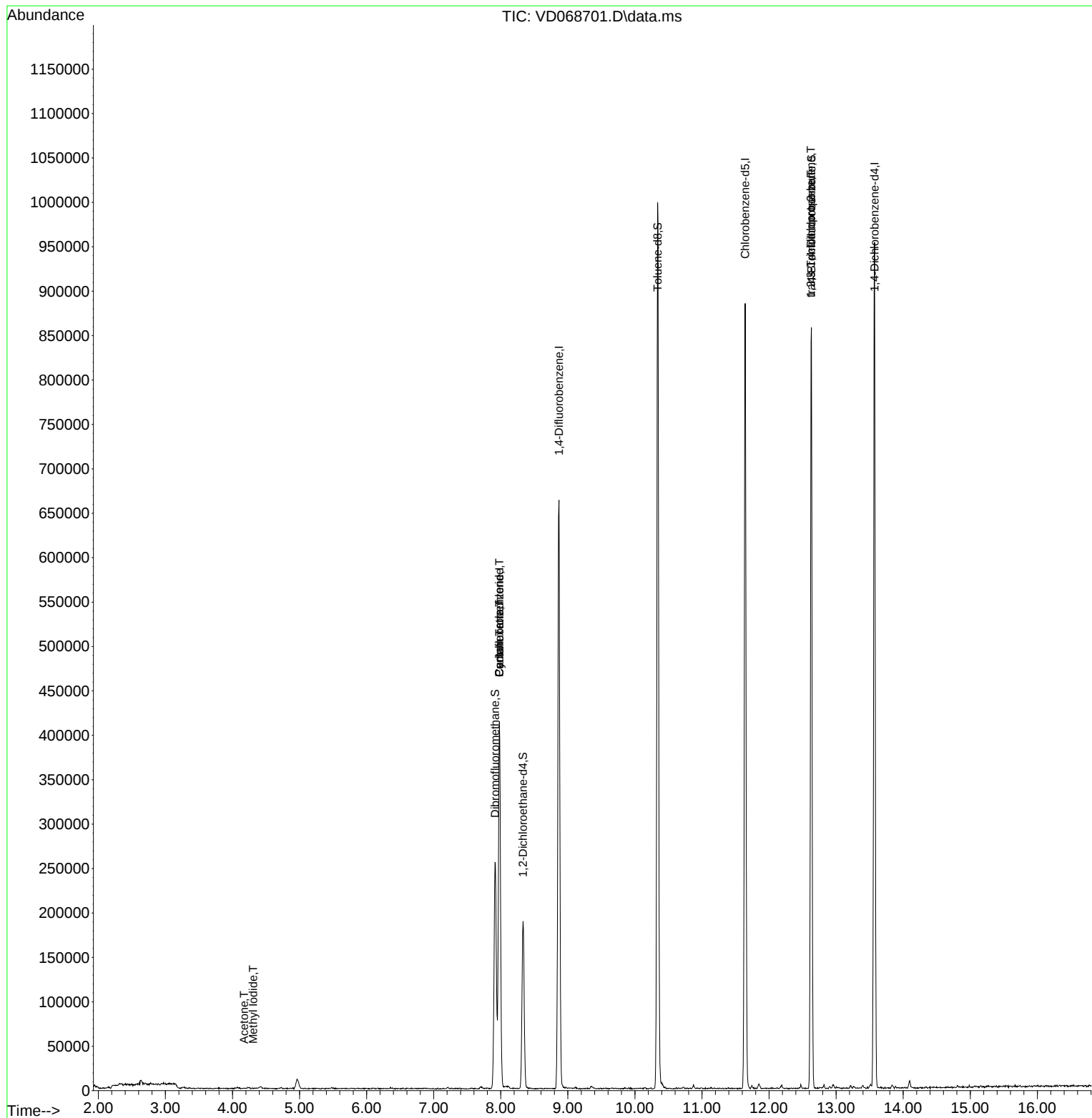
Internal Standards						
1) Pentafluorobenzene	7.979	168	306687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	596751	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	526977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	263152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151558	49.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.02%			
35) Dibromofluoromethane	7.914	113	189321	50.99	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.98%			
50) Toluene-d8	10.338	98	712597	49.78	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.56%			
62) 4-Bromofluorobenzene	12.632	95	248948	53.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.28%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	209	3.53	ug/l #	87
16) Acetone	4.173	43	567	1.51	ug/l #	40
20) Methylene Chloride	4.973	84	9174	Below Cal	#	86
31) Cyclohexane	7.979	56	7149	1.43	ug/l #	16
38) Carbon Tetrachloride	7.979	117	30837	5.80	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	126629	57.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	126629	131.54	ug/l #	16

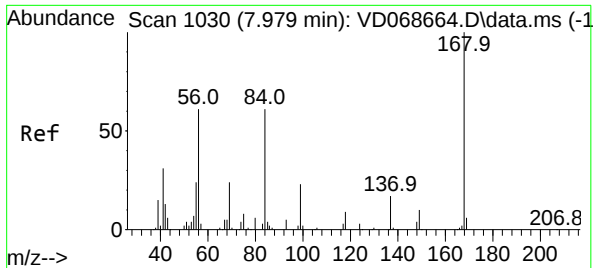
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

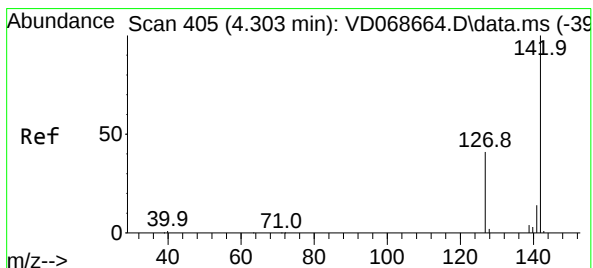
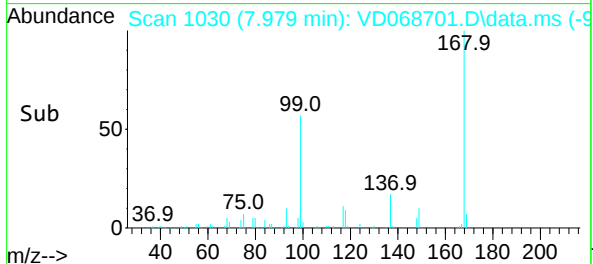
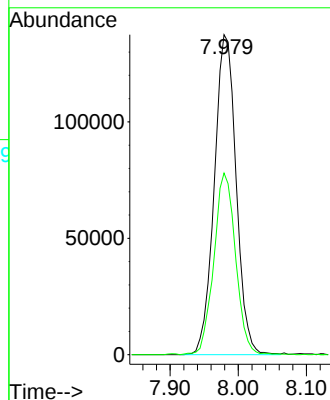
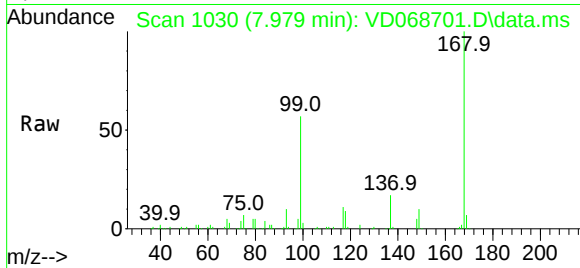




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

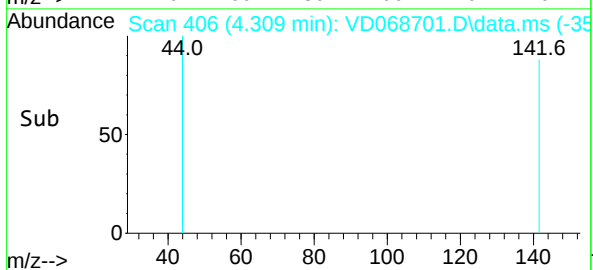
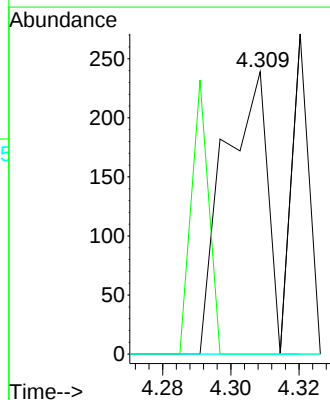
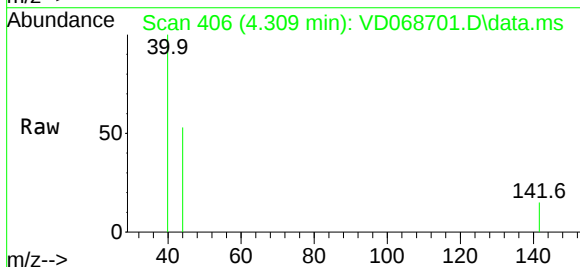
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR200035

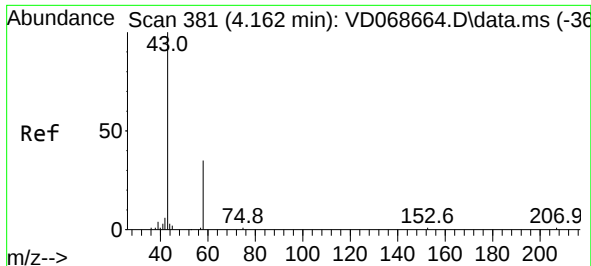
Tgt Ion:168 Resp: 306687
Ion Ratio Lower Upper
168 100
99 56.8 46.2 69.2



#10
Methyl Iodide
Concen: 3.53 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Tgt Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
127 39.2 34.7 52.1
141 0.0 11.0 16.4#

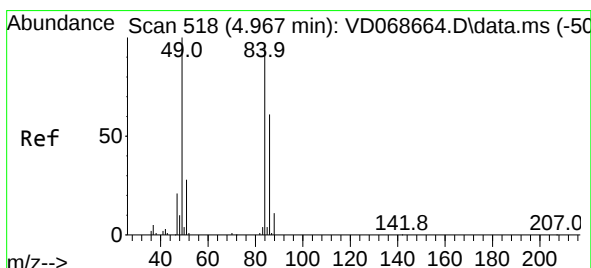
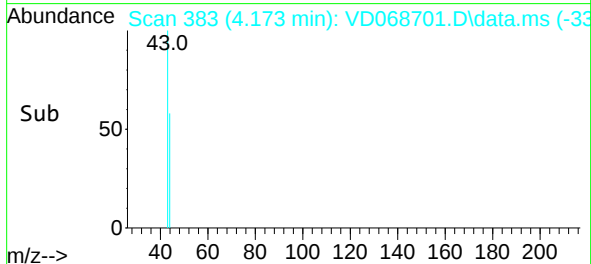
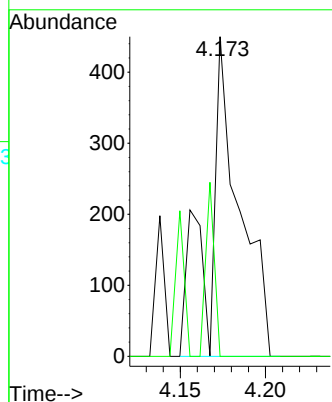
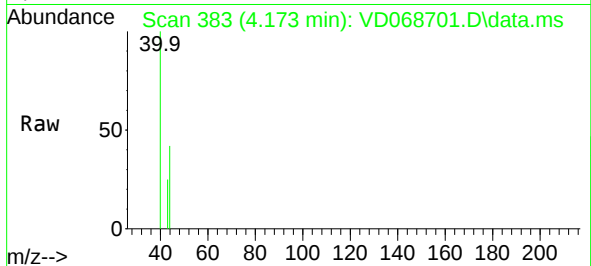




#16
Acetone
Concen: 1.51 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

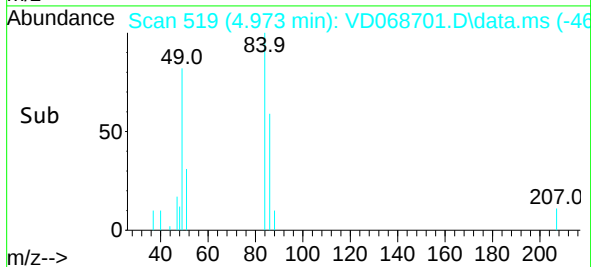
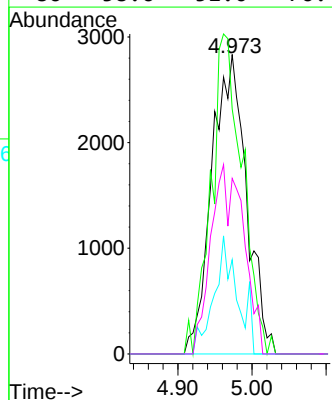
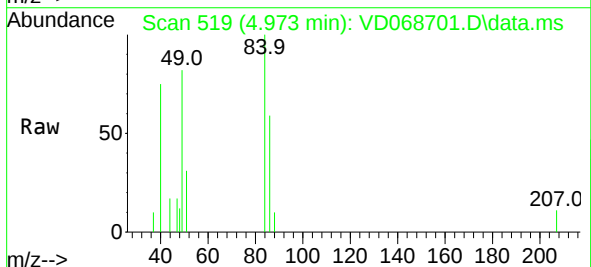
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR200035

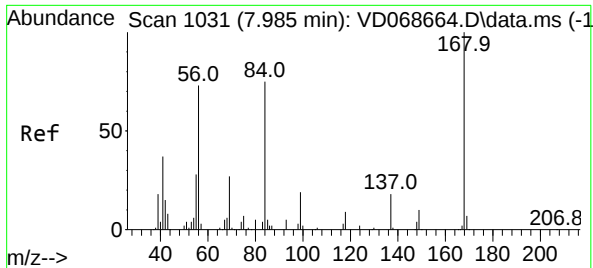
Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

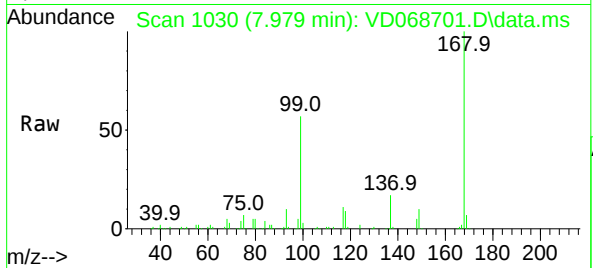
Tgt Ion: 84 Resp: 9174
Ion Ratio Lower Upper
84 100
49 81.8 83.4 125.0#
51 31.4 23.4 35.2
86 58.6 51.0 76.4



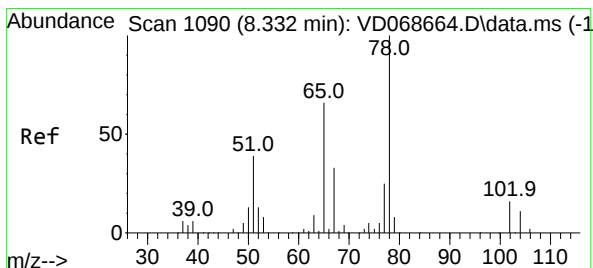
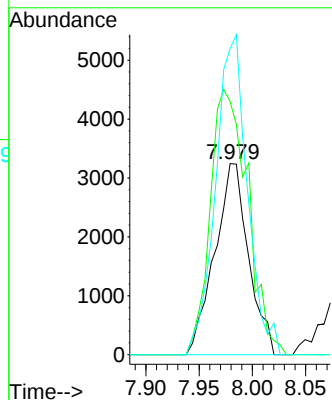
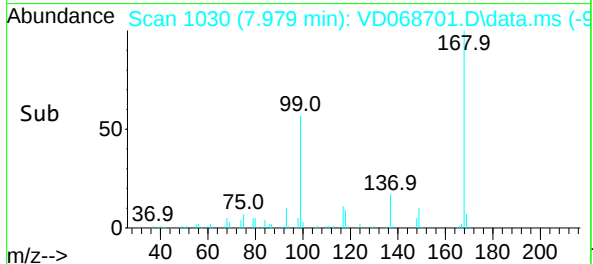


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

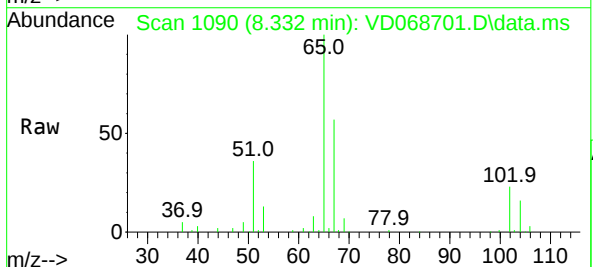
Instrument :
MSVOA_D
ClientSampleId :
RO-RBR200035



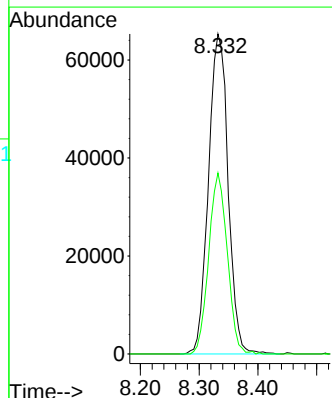
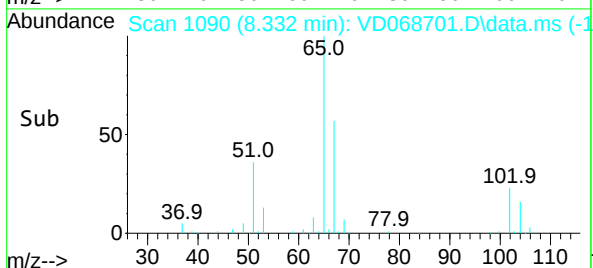
Tgt Ion:	56	Resp:	7149
Ion Ratio	100	Lower	Upper
56	100		
69	132.4	30.0	45.0#
84	160.2	82.0	123.0#

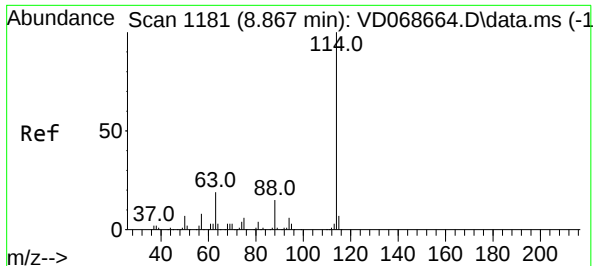


#33
1,2-Dichloroethane-d4
Concen: 49.01 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34



Tgt Ion:	65	Resp:	151558
Ion Ratio	100	Lower	Upper
65	100		
67	53.4	0.0	106.0



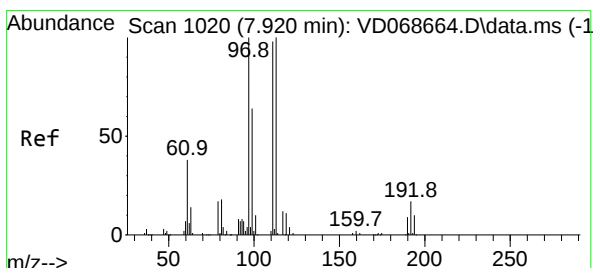
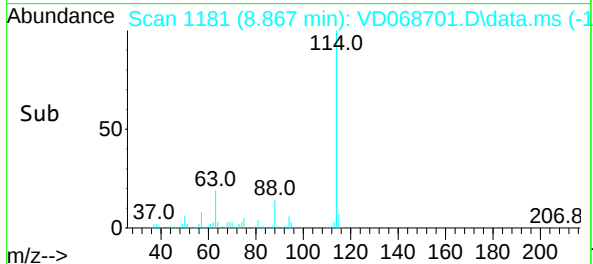
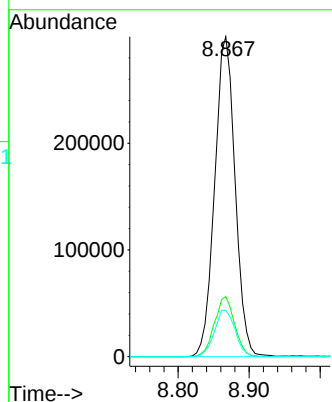
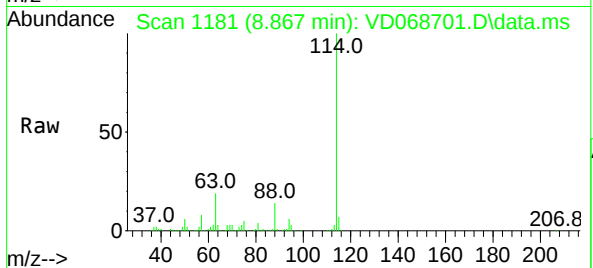


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Instrument :
MSVOA_D
ClientSampleId :
RO-RBR200035

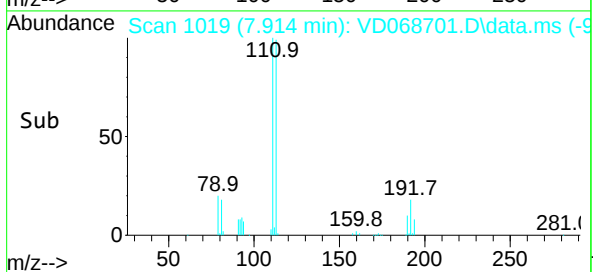
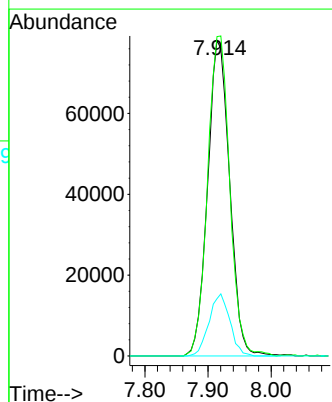
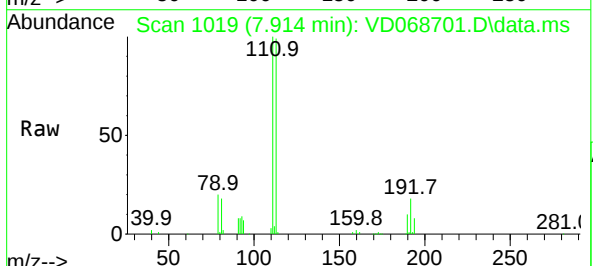
Tgt Ion:114 Resp: 596751
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.2
88 14.5 0.0 29.4

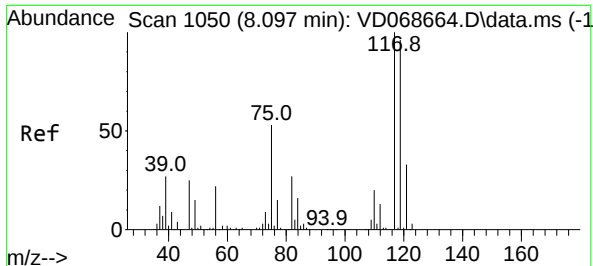


#35

Dibromofluoromethane
Concen: 50.99 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Tgt Ion:113 Resp: 189321
Ion Ratio Lower Upper
113 100
111 101.9 82.5 123.7
192 18.6 15.1 22.7

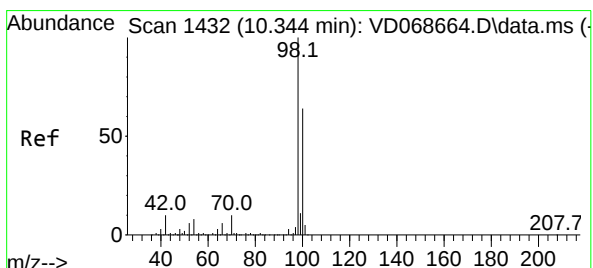
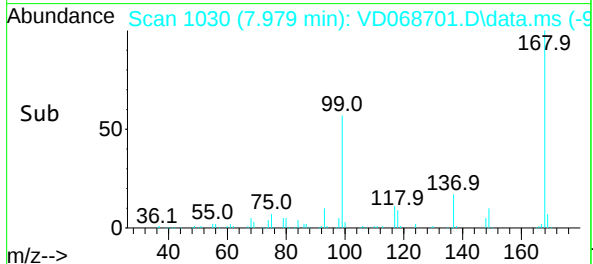
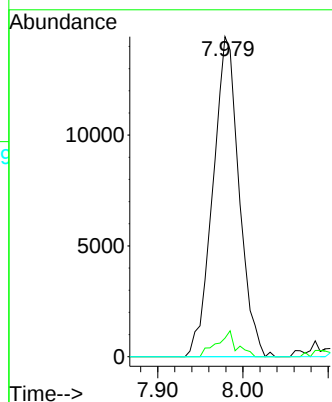
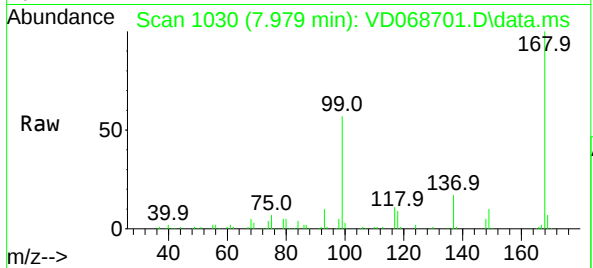




#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

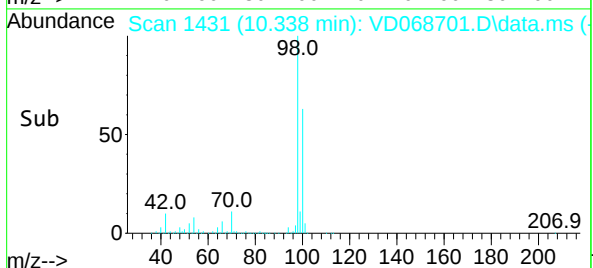
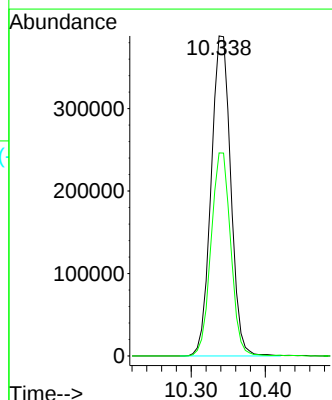
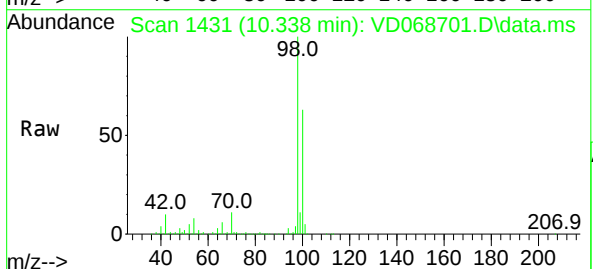
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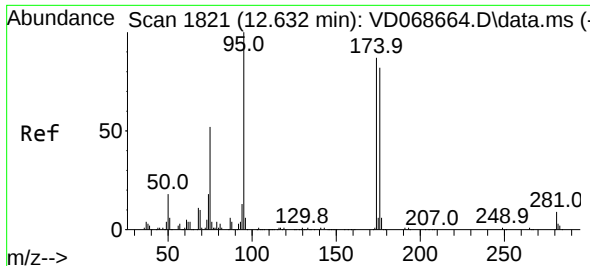
Tgt Ion:117 Resp: 30837
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 49.78 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Tgt Ion: 98 Resp: 712597
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6

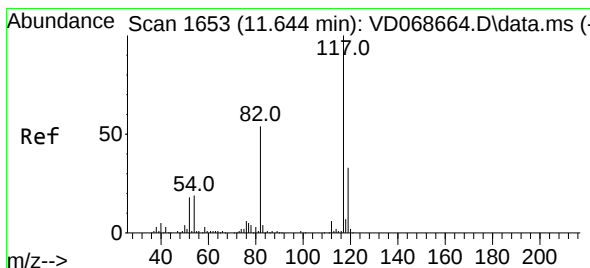
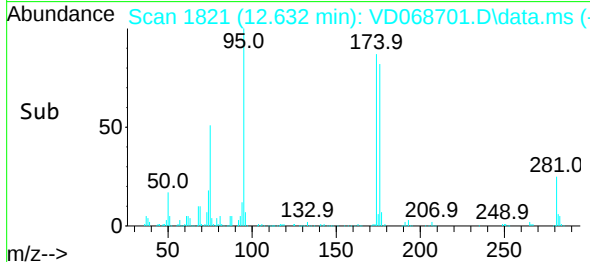
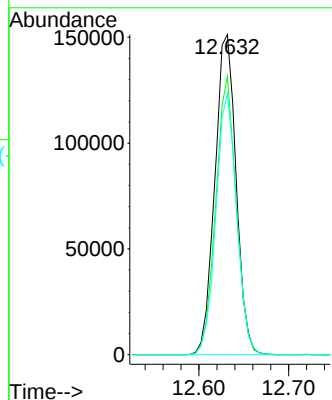
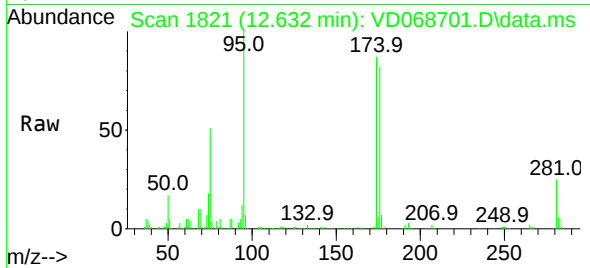




#62
4-Bromofluorobenzene
Concen: 53.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

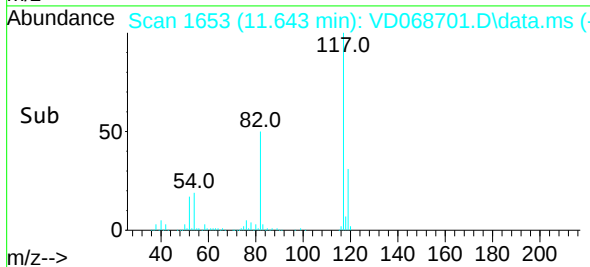
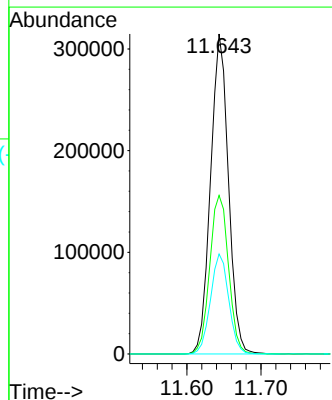
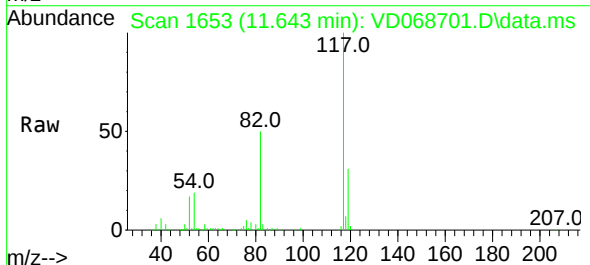
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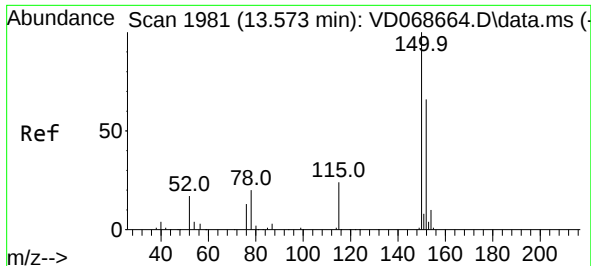
Tgt Ion: 95 Resp: 248948
Ion Ratio Lower Upper
95 100
174 83.6 0.0 168.0
176 79.6 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

Tgt Ion: 117 Resp: 526977
Ion Ratio Lower Upper
117 100
82 49.6 43.5 65.3
119 31.3 26.7 40.1

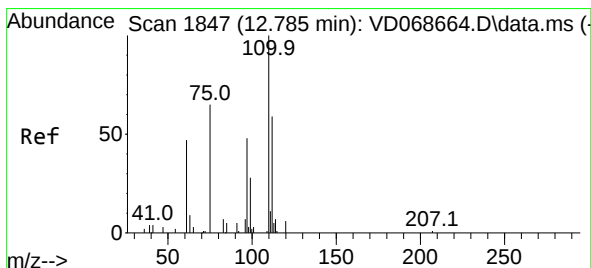
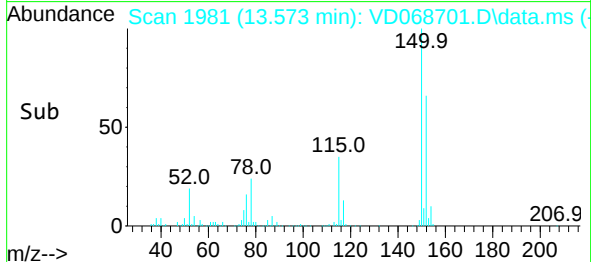
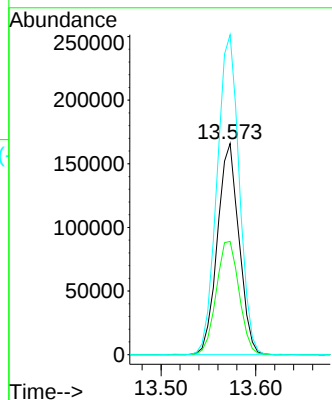
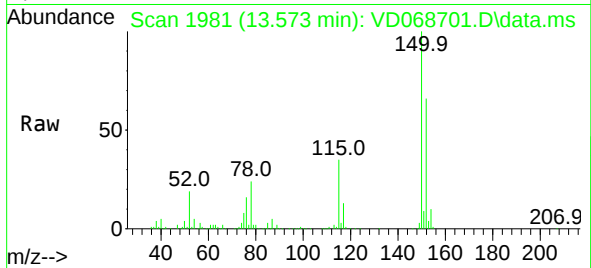




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

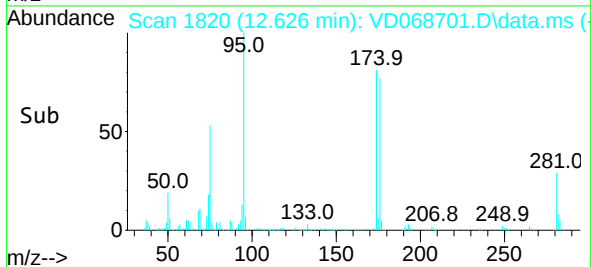
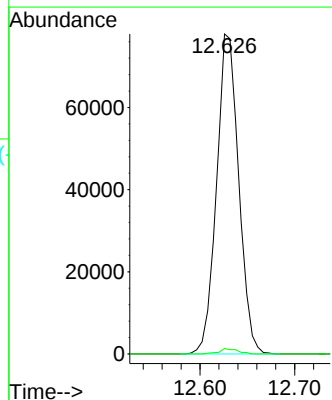
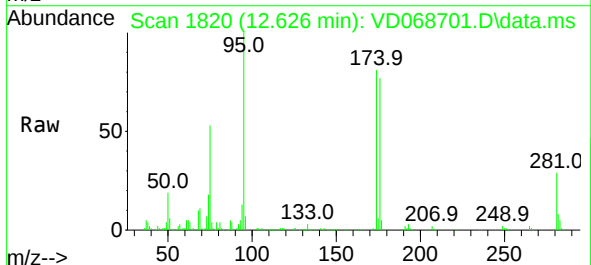
Instrument :
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ClientSampleId :
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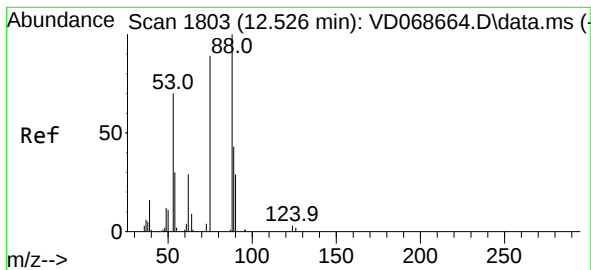
Tgt Ion:152 Resp: 263152
Ion Ratio Lower Upper
152 100
115 56.7 29.3 87.8
150 155.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 57.81 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.159 min
Lab File: VD068701.D
Acq: 29 Mar 2021 16:34

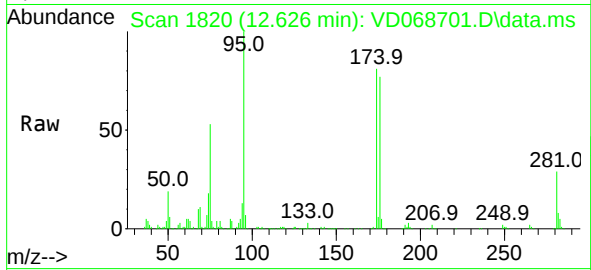
Tgt Ion: 75 Resp: 126629
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.54 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068701.D
 Acq: 29 Mar 2021 16:34

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-RBR200035



Tgt Ion: 75 Resp: 126629
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.2 36.6 54.8#

