

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020821\
 Data File : VD068323.D
 Acq On : 08 Feb 2021 17:41
 Operator : VA/SY
 Sample : M1341-01
 Misc : 2.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

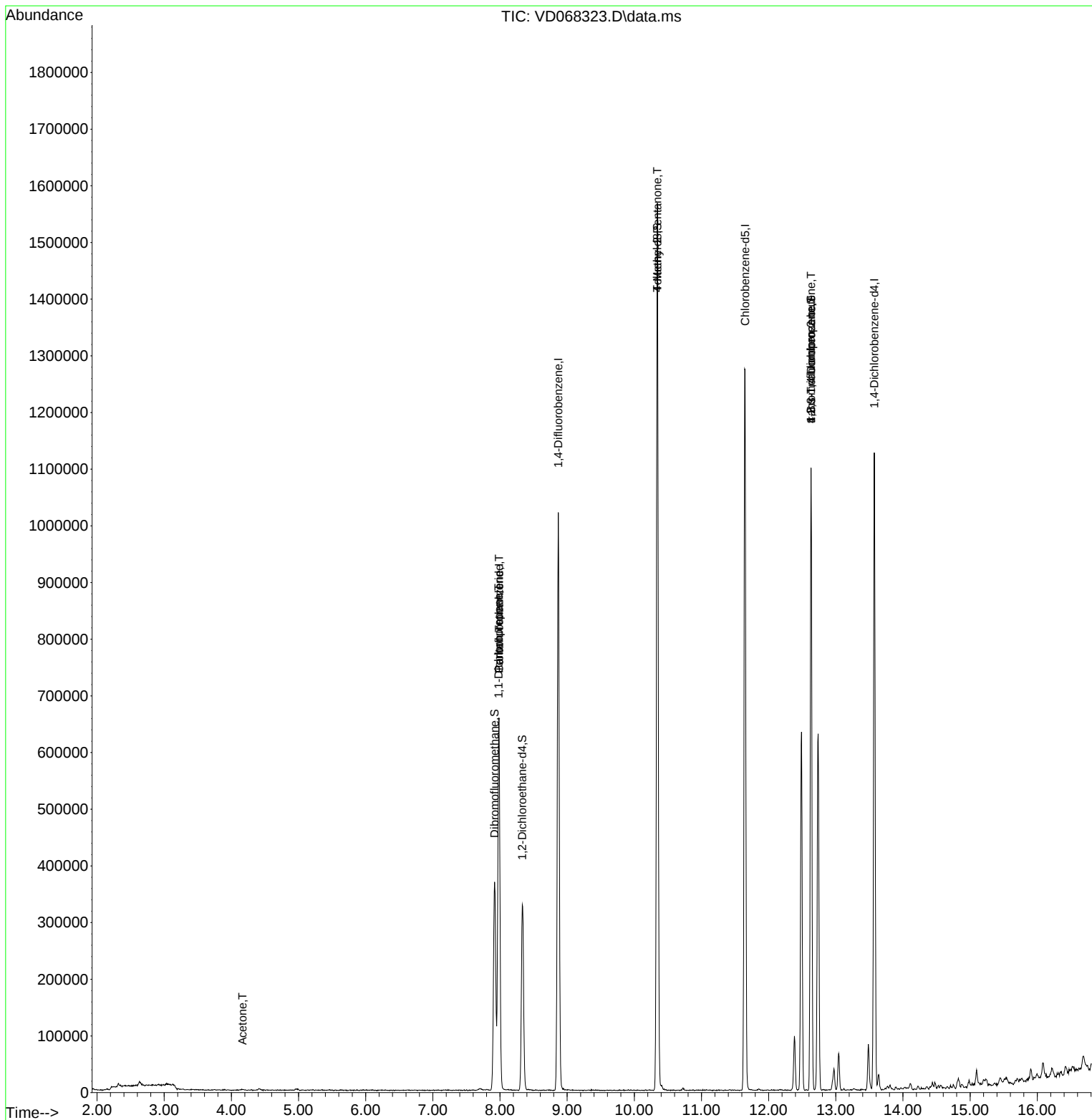
Quant Time: Feb 09 00:16:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	498345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	899088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	784408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	306047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	271197	56.89	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.78%			
35) Dibromofluoromethane	7.920	113	272693	54.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.72%			
50) Toluene-d8	10.343	98	1079158	54.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.56%			
62) 4-Bromofluorobenzene	12.631	95	334531	46.72	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.44%			
Target Compounds						
11) Tert butyl alcohol	5.208	59	637	Below Cal	#	74
16) Acetone	4.167	43	2296	2.70	ug/l #	55
20) Methylene Chloride	4.967	84	2188	Below Cal	#	67
36) 1,1-Dichloropropene	7.979	75	39996	4.41	ug/l #	48
38) Carbon Tetrachloride	7.985	117	50739	5.98	ug/l #	16
51) 4-Methyl-2-Pentanone	10.343	43	4409	1.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	170720	57.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	170720	116.74	ug/l #	14

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

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QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

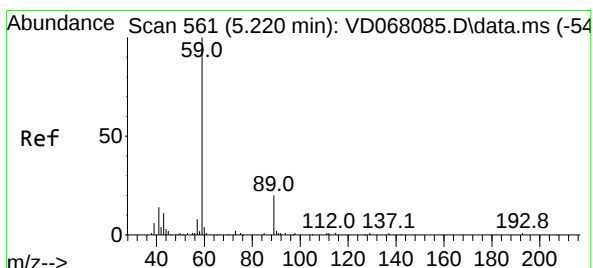
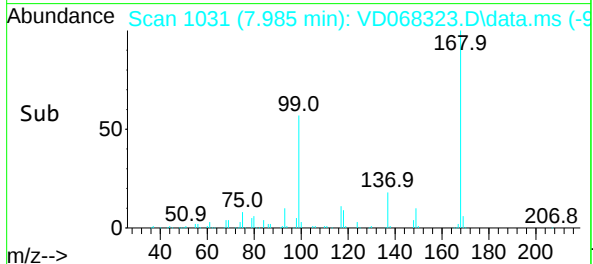
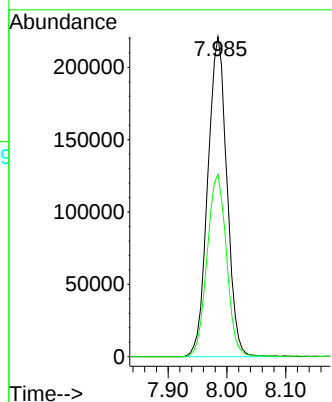
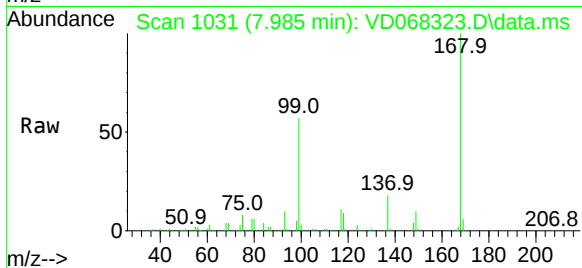




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

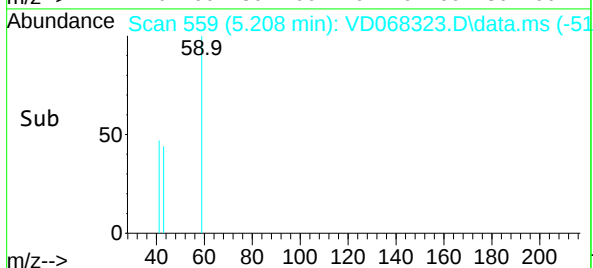
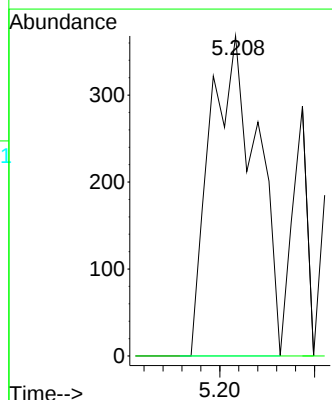
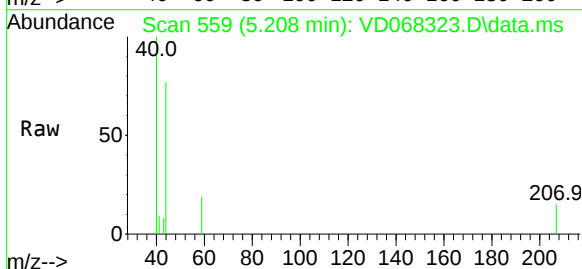
Instrument :
MSVOA_D
ClientSampleId :

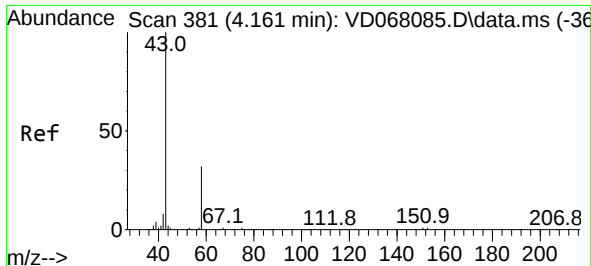
Tgt Ion:168 Resp: 498345
Ion Ratio Lower Upper
168 100
99 57.0 43.5 65.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

Tgt Ion: 59 Resp: 637
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

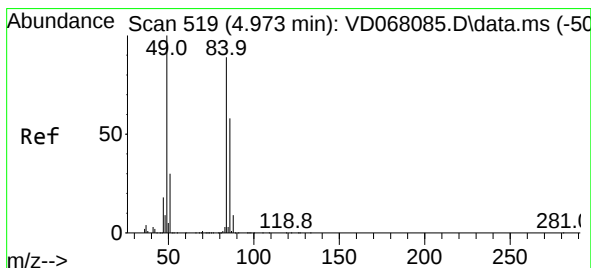
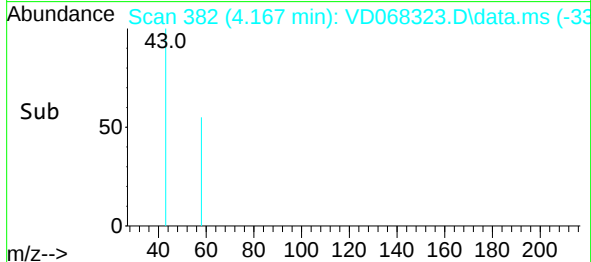
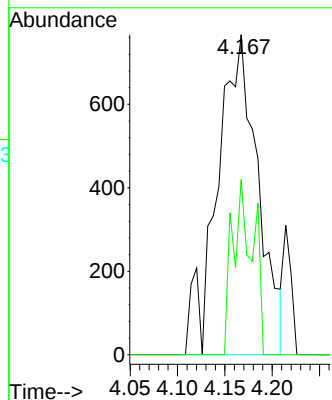
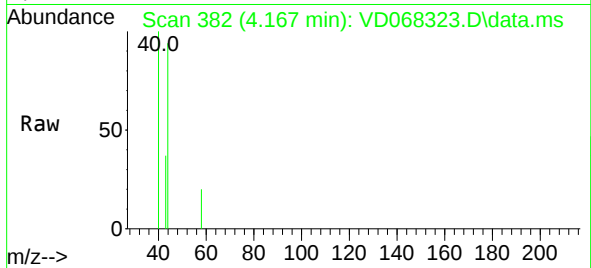




#16
Acetone
Concen: 2.70 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

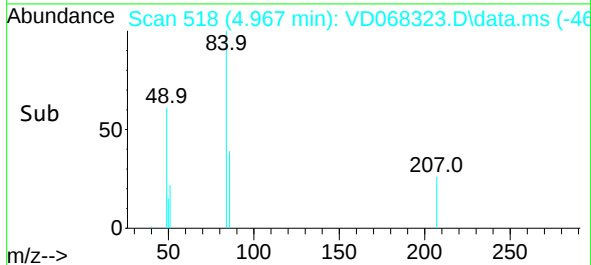
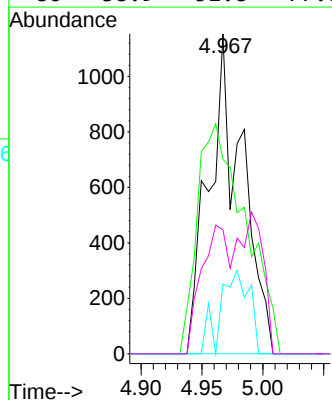
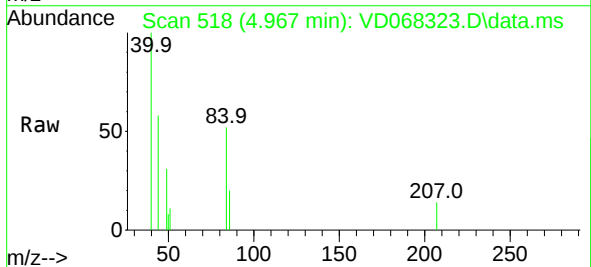
Instrument :
MSVOA_D
ClientSampleId :

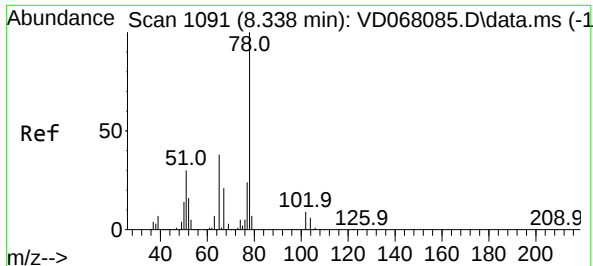
Tgt Ion: 43 Resp: 2296
Ion Ratio Lower Upper
43 100
58 54.8 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

Tgt Ion: 84 Resp: 2188
Ion Ratio Lower Upper
84 100
49 60.8 77.4 116.2#
51 21.8 26.1 39.1#
86 38.9 51.8 77.8#

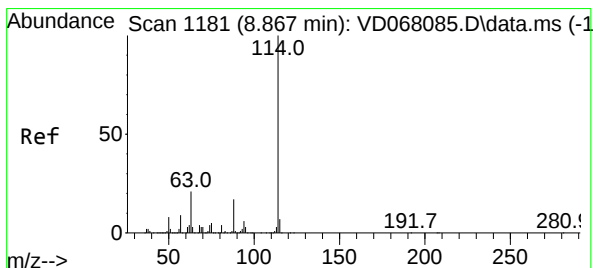
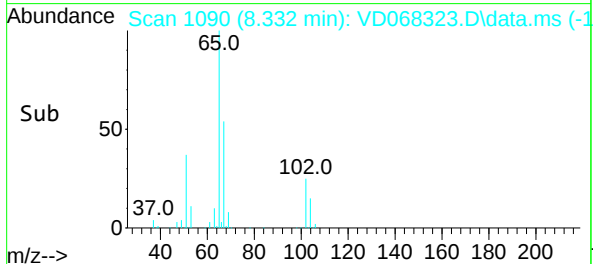
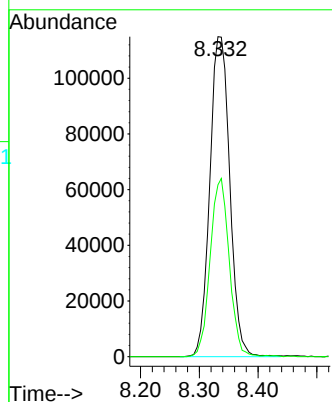
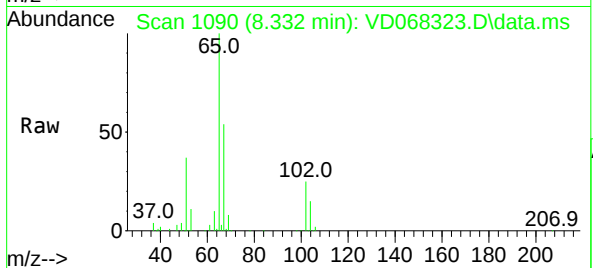




#33
1,2-Dichloroethane-d4
Concen: 56.89 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

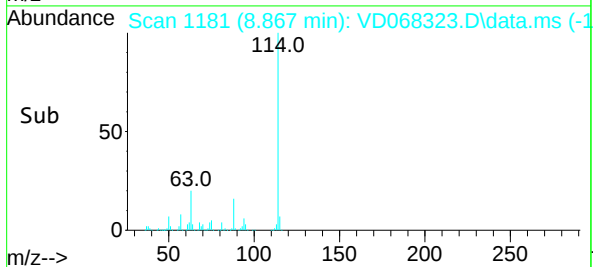
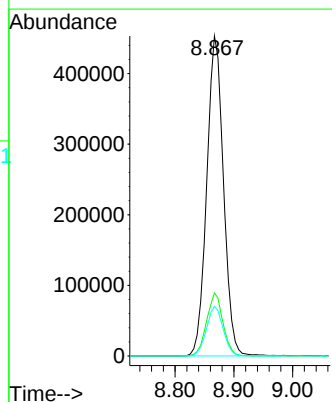
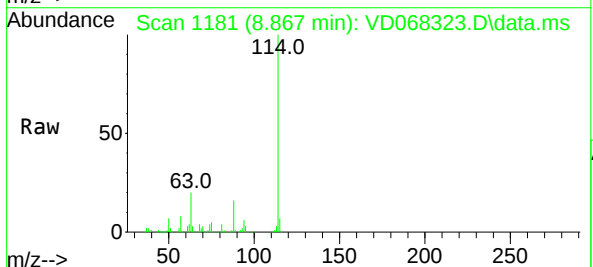
Instrument :
MSVOA_D
ClientSampleId :

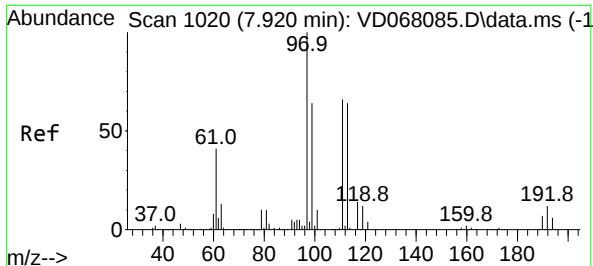
Tgt Ion: 65 Resp: 271197
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

Tgt Ion: 114 Resp: 899088
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 15.5 0.0 31.6

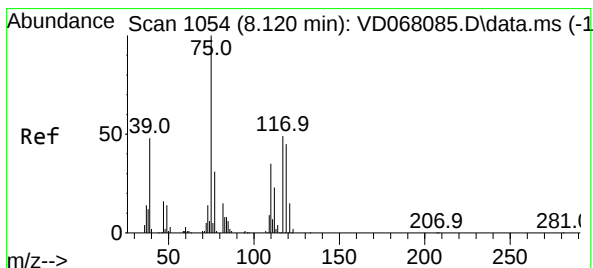
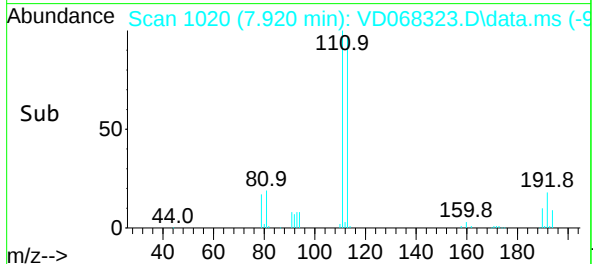
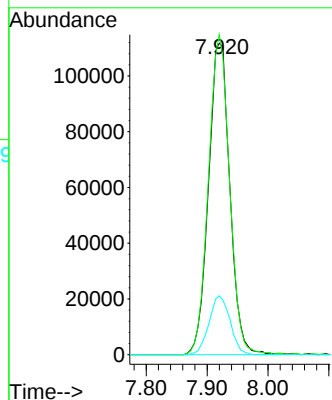
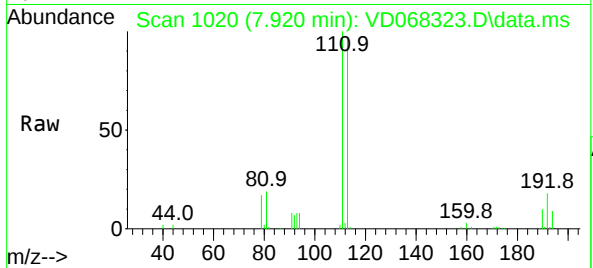




#35
Dibromofluoromethane
Concen: 54.86 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

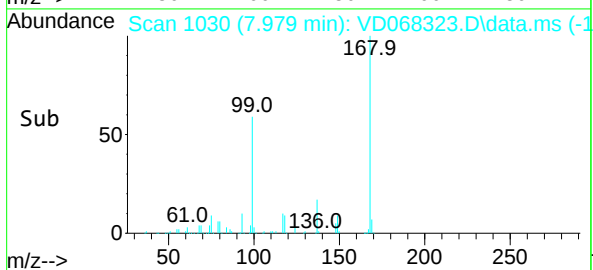
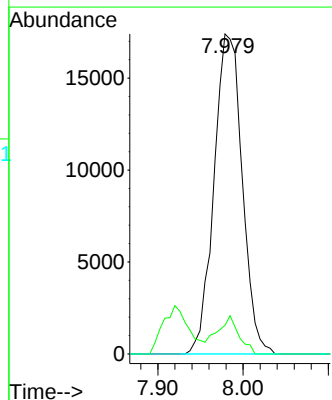
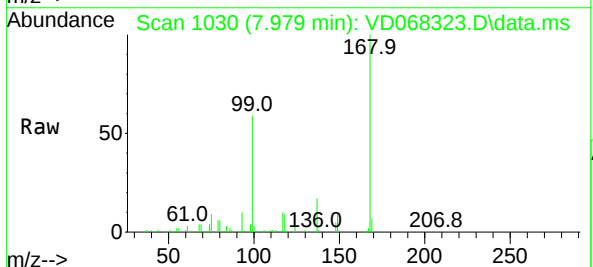
Instrument :
MSVOA_D
ClientSampled :

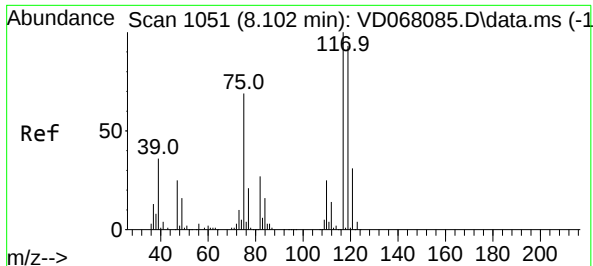
Tgt Ion:113 Resp: 272693
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 18.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

Tgt Ion: 75 Resp: 39996
Ion Ratio Lower Upper
75 100
110 9.2 19.4 58.2#
77 0.0 25.3 37.9#

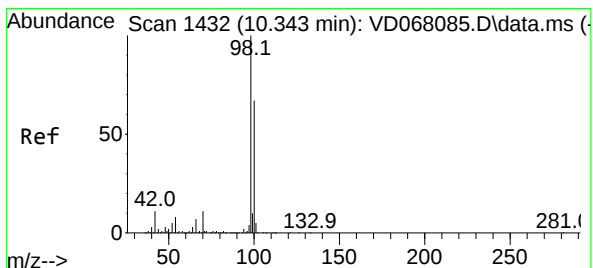
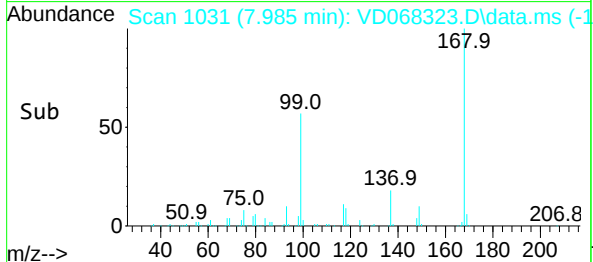
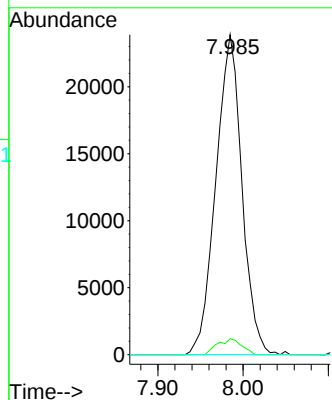
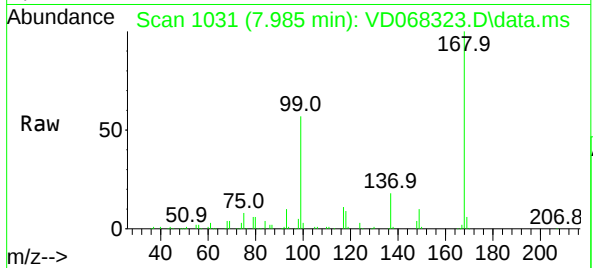




#38
Carbon Tetrachloride
Concen: 5.98 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.118 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

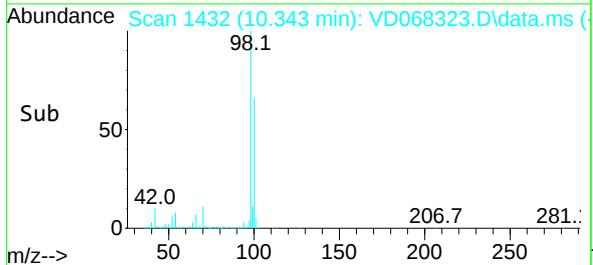
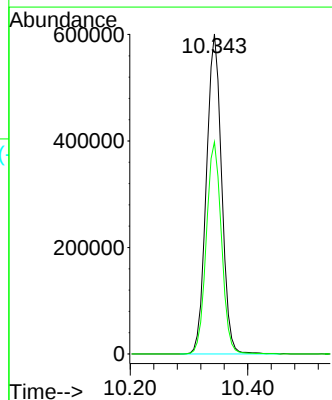
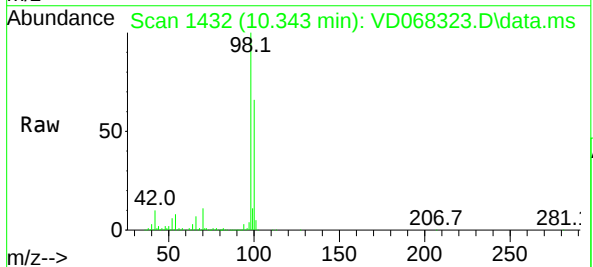
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ClientSampleId :

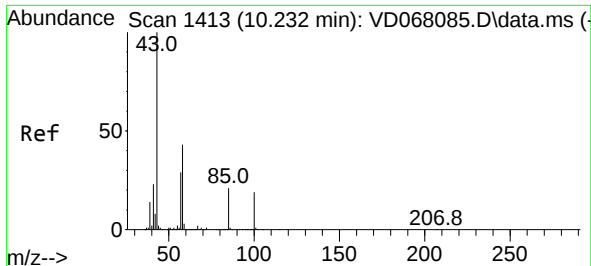
Tgt Ion:117 Resp: 50739
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.28 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

Tgt Ion: 98 Resp: 1079158
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

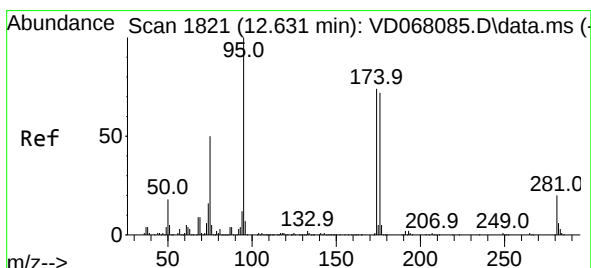
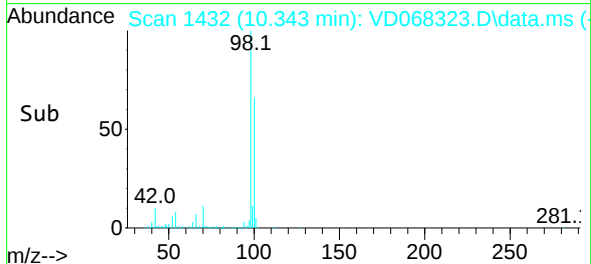
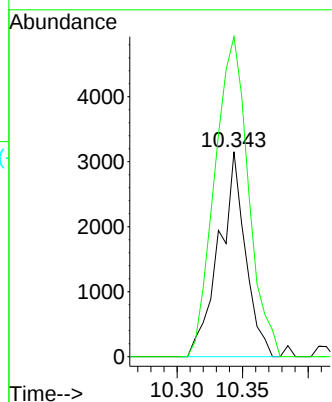
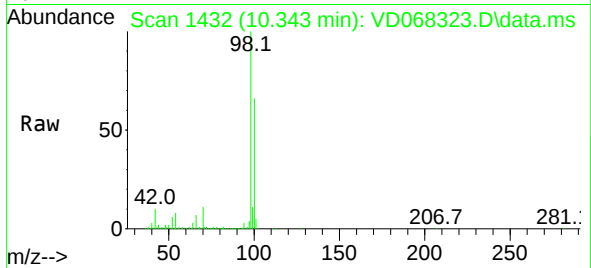




#51
4-Methyl-2-Pentanone
Concen: 1.42 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

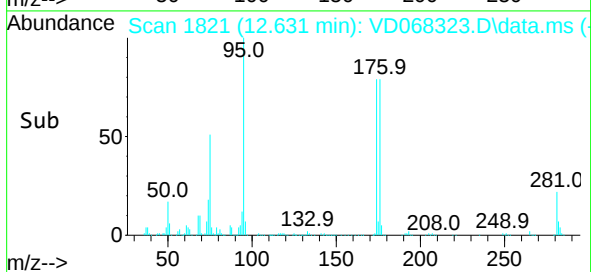
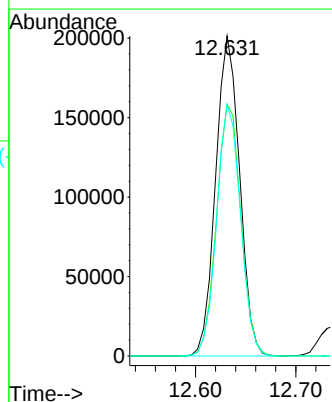
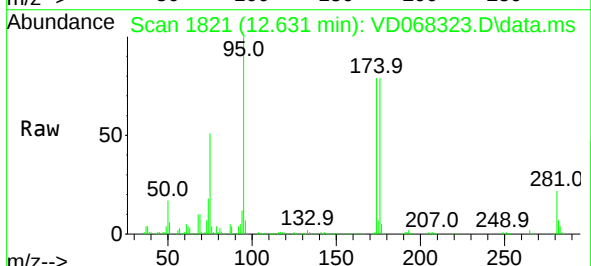
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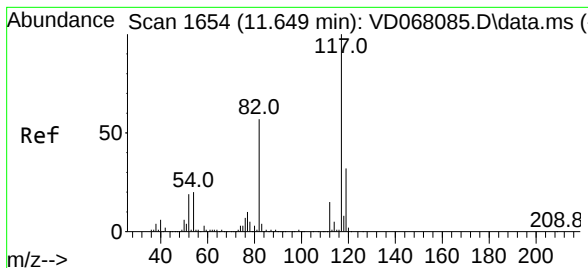
Tgt Ion: 43 Resp: 4409
Ion Ratio Lower Upper
43 100
58 199.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 46.72 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

Tgt Ion: 95 Resp: 334531
Ion Ratio Lower Upper
95 100
174 80.0 0.0 172.4
176 78.1 0.0 168.4

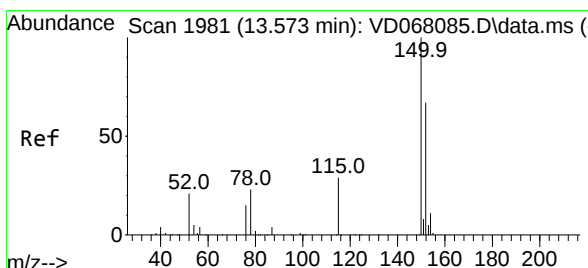
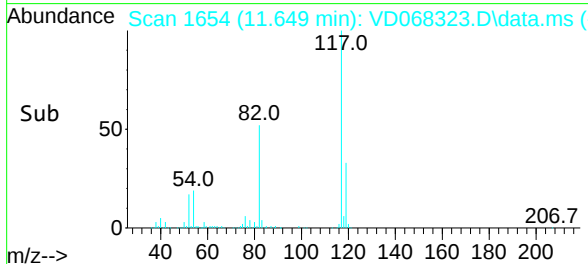
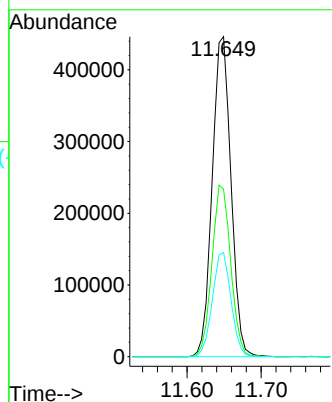
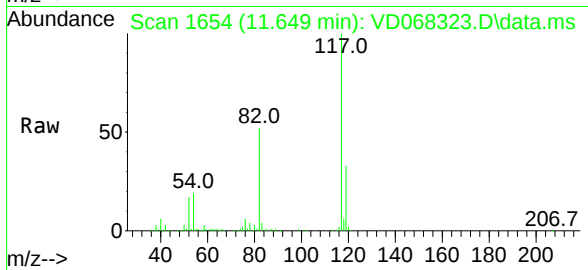




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

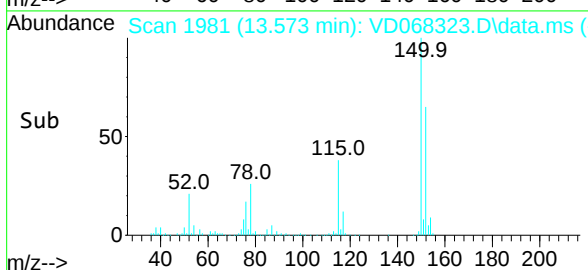
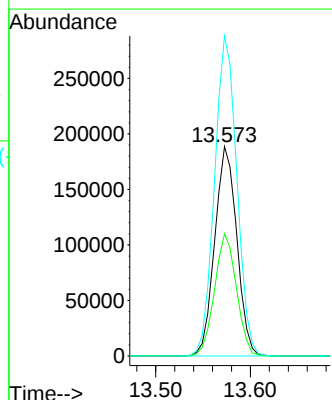
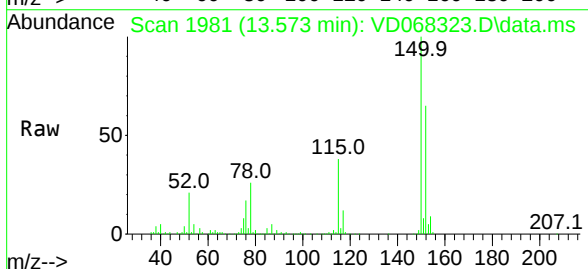
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MSVOA_D
ClientSampleId :

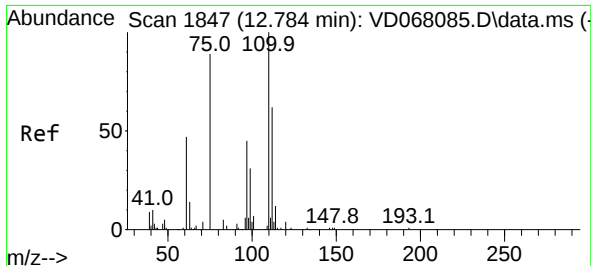
Tgt Ion:117 Resp: 784408
Ion Ratio Lower Upper
117 100
82 52.3 41.4 62.0
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

Tgt Ion:152 Resp: 306047
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.8
150 154.3 0.0 344.4

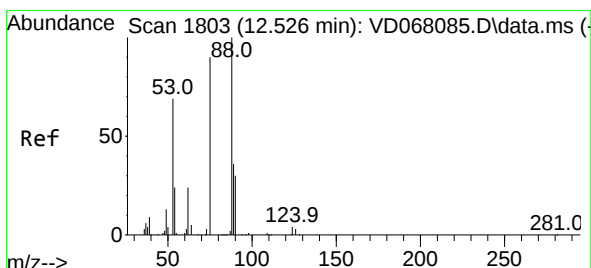
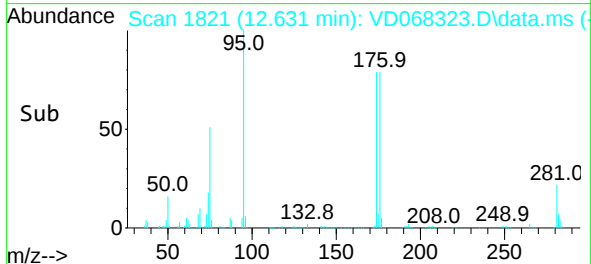
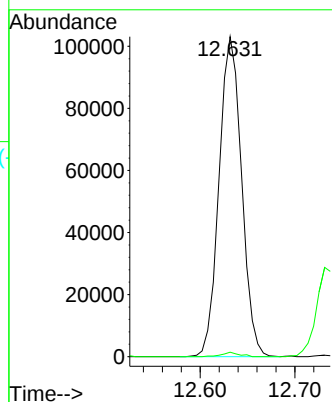
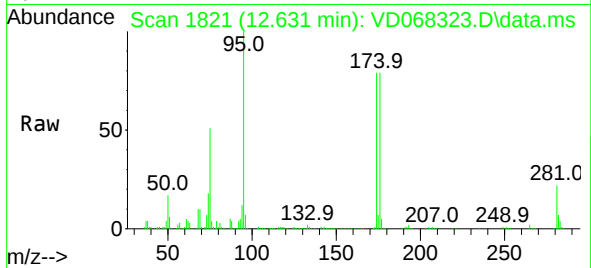




#76
1,2,3-Trichloropropane
Concen: 57.69 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 170720
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.74 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068323.D
Acq: 08 Feb 2021 17:41

Tgt Ion: 75 Resp: 170720
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.3 40.3 60.5#

