

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041621\
 Data File : VD068873.D
 Acq On : 16 Apr 2021 13:59
 Operator : VA/SY
 Sample : M2049-15
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11-8.5-9.0

Quant Time: Apr 16 23:49:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

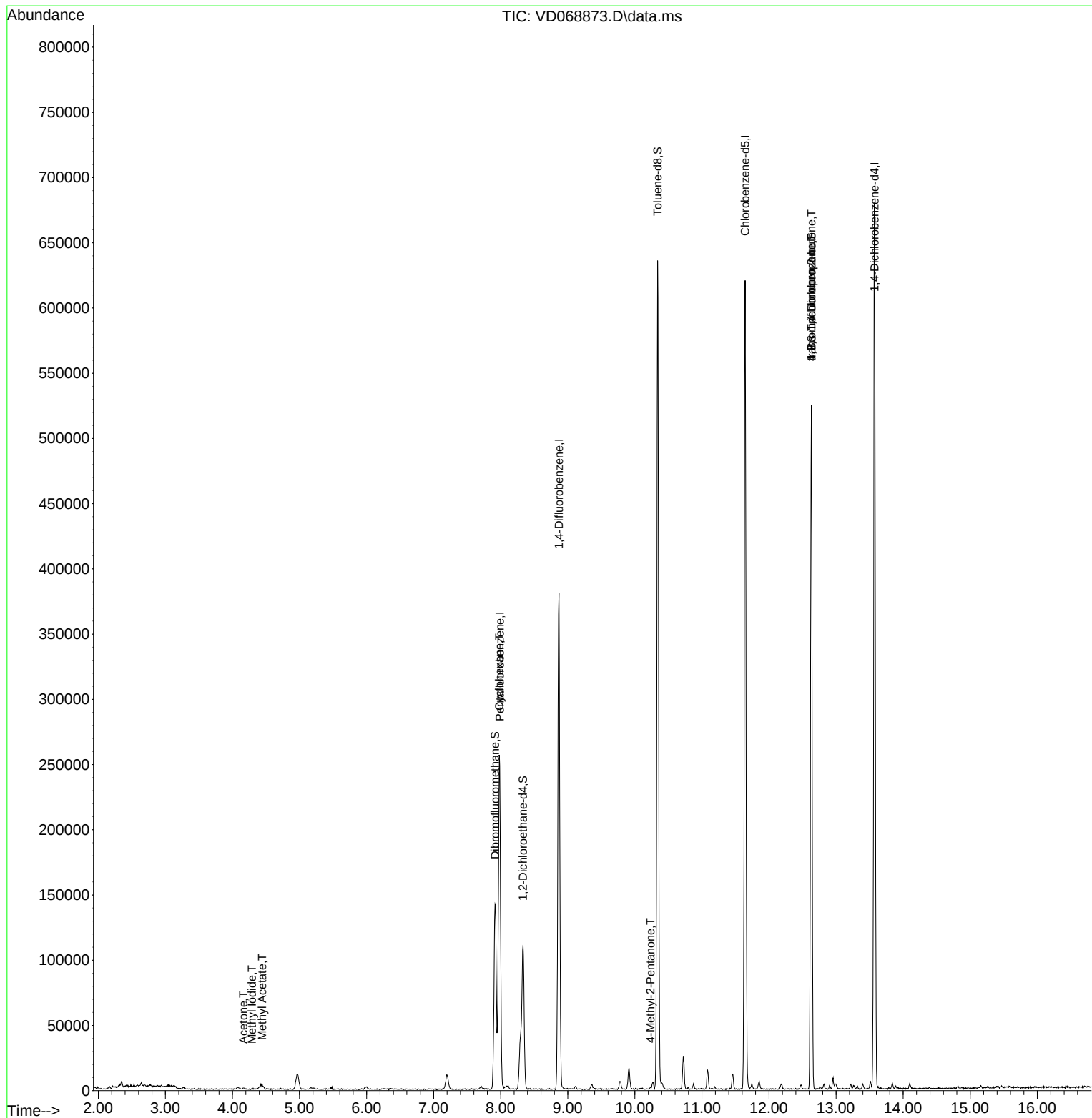
Internal Standards						
1) Pentafluorobenzene	7.985	168	194392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	349436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	378389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	187538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	84635	41.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.40%
35) Dibromofluoromethane	7.914	113	106363	46.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.60%
50) Toluene-d8	10.338	98	441744	51.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.04%
62) 4-Bromofluorobenzene	12.632	95	164462	57.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.50%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	321	2.38	ug/l #	41
11) Tert butyl alcohol	5.244	59	126	Below	Cal #	73
16) Acetone	4.162	43	1434	5.04	ug/l #	88
18) Methyl Acetate	4.444	43	1122	1.44	ug/l #	43
20) Methylene Chloride	4.973	84	10615	Below	Cal	99
31) Cyclohexane	7.979	56	5312	1.55	ug/l #	39
51) 4-Methyl-2-Pentanone	10.232	43	1074	1.01	ug/l #	56
76) 1,2,3-Trichloropropane	12.632	75	81450	47.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	81450	110.33	ug/l #	16

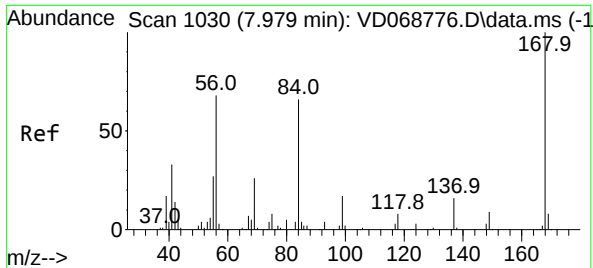
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-11-8.5-9.0

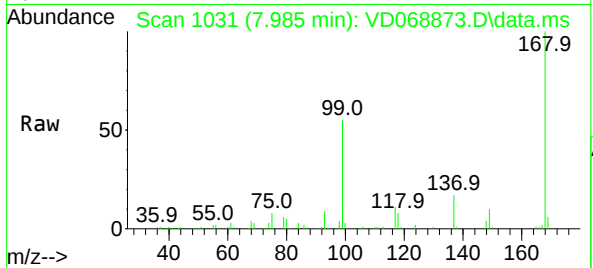
Quant Time: Apr 16 23:49:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
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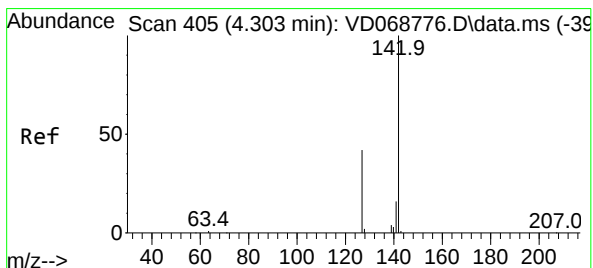
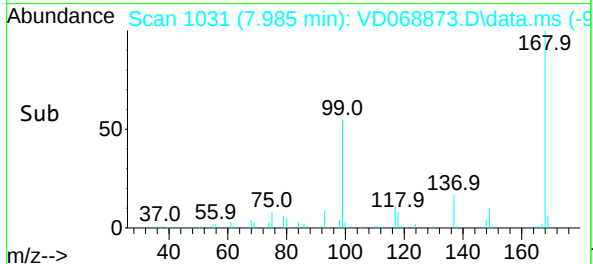
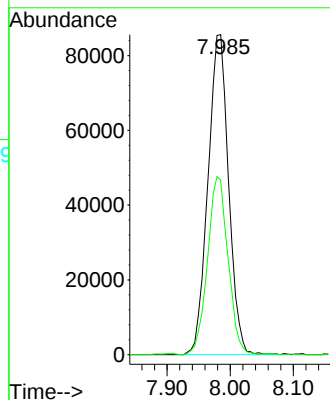


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

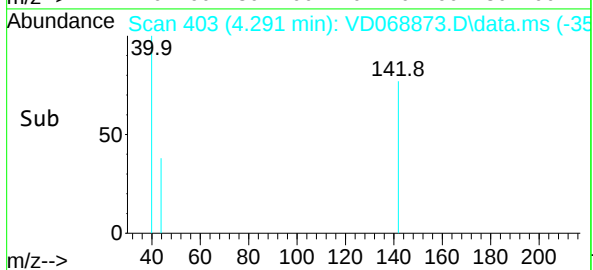
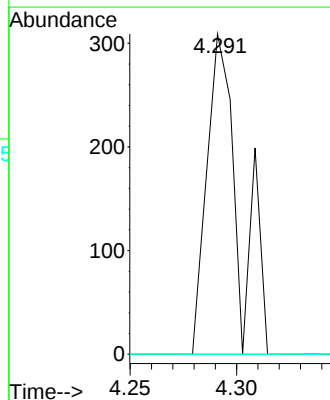
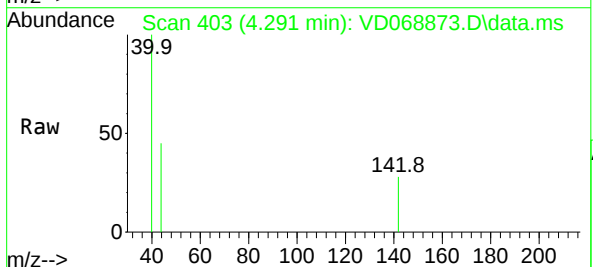


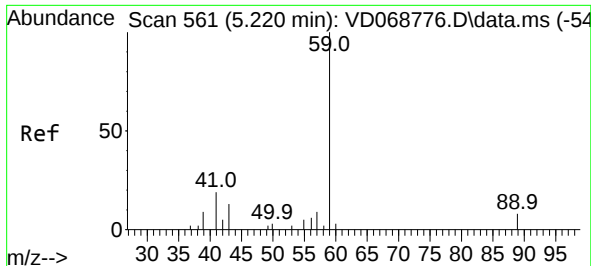
Tgt Ion:168 Resp: 194392
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#10
Methyl Iodide
Concen: 2.38 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Tgt Ion:142 Resp: 321
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

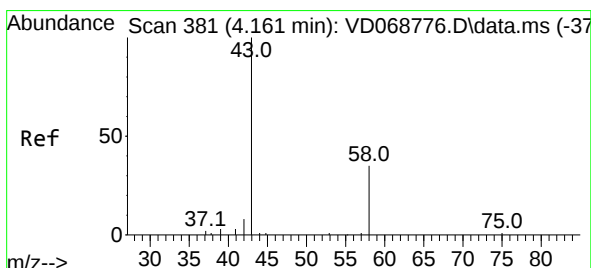
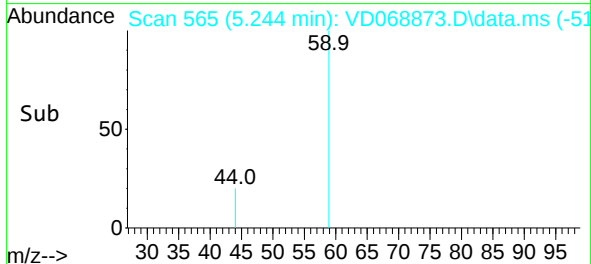
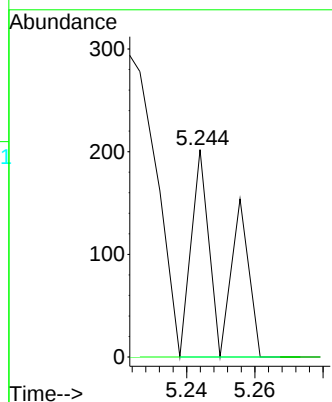
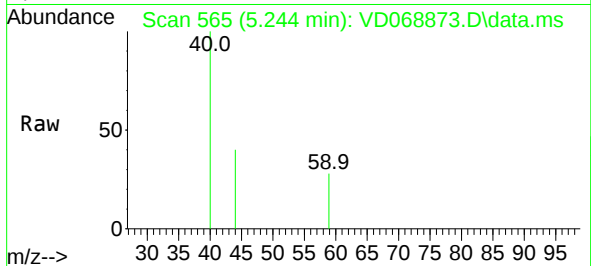




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.244 min Scan# 565
Delta R.T. 0.024 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

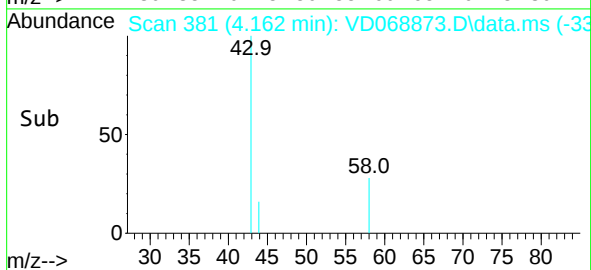
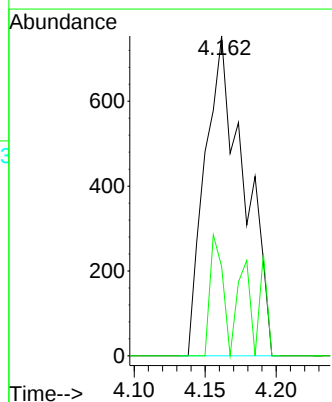
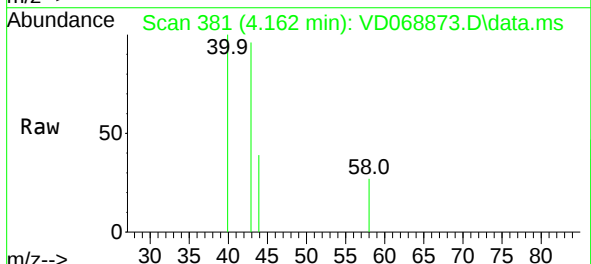
Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

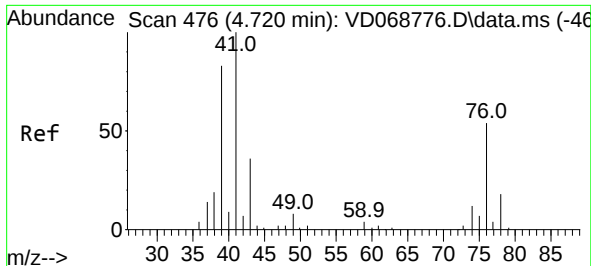
Tgt Ion: 59 Resp: 126
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 5.04 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

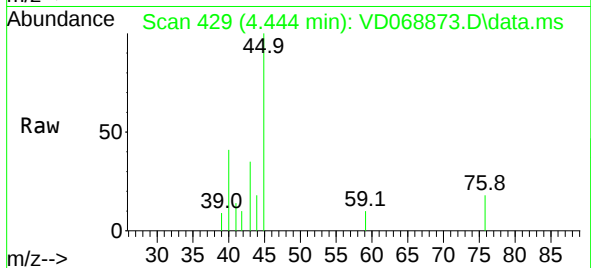
Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
58 27.9 28.0 42.0#



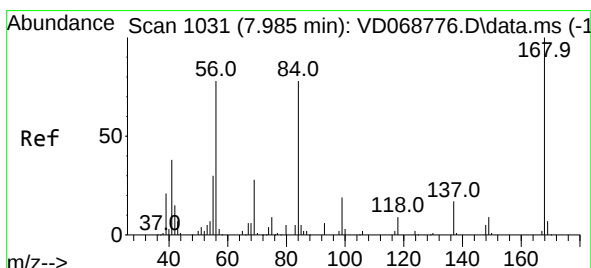
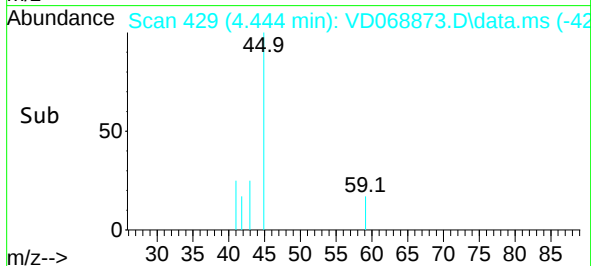
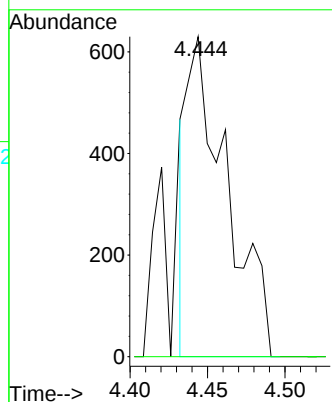


#18
Methyl Acetate
Concen: 1.44 ug/l
RT: 4.444 min Scan# 429
Delta R.T. -0.276 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

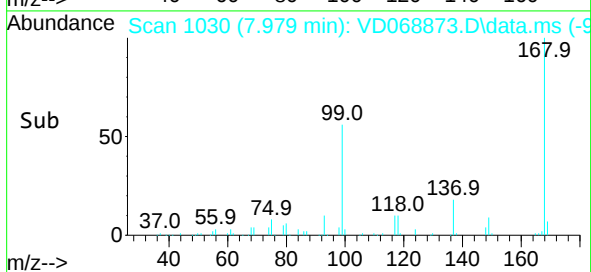
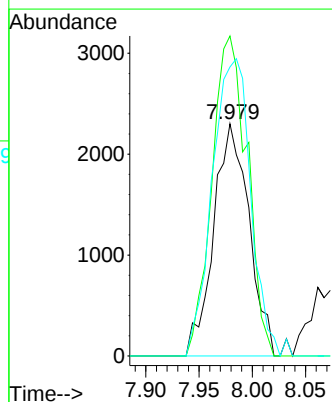
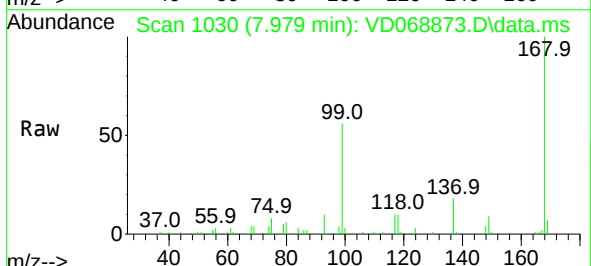


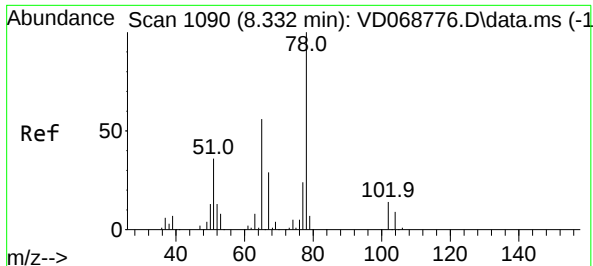
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#31
Cyclohexane
Concen: 1.55 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Tgt Ion: 56 Resp: 5312
Ion Ratio Lower Upper
56 100
69 137.8 30.0 45.0#
84 124.5 82.0 123.0#

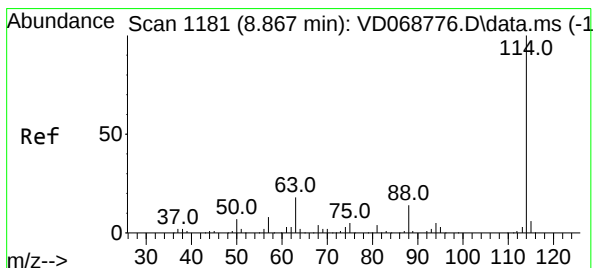
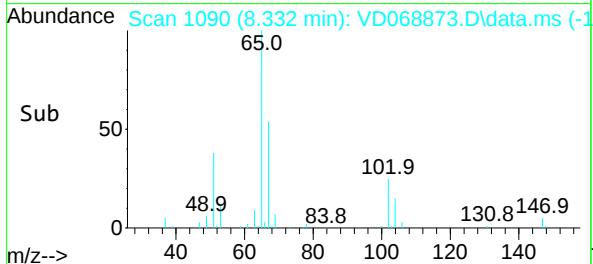
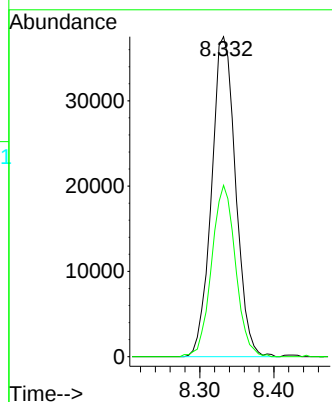
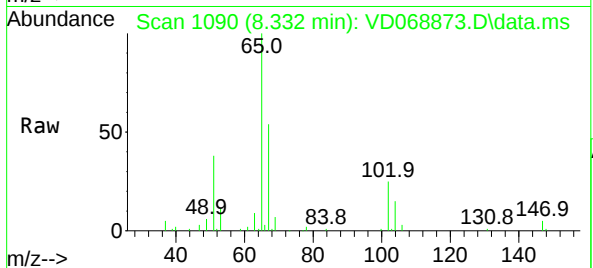




#33
1,2-Dichloroethane-d4
Concen: 41.20 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

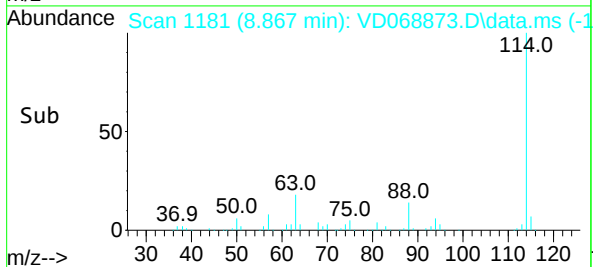
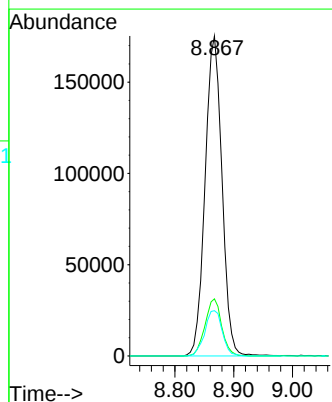
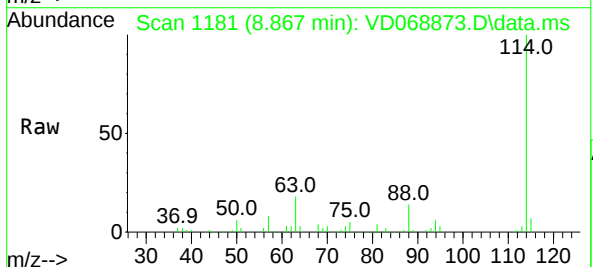
Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

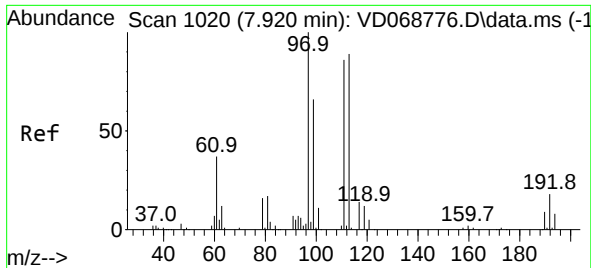
Tgt Ion: 65 Resp: 84635
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

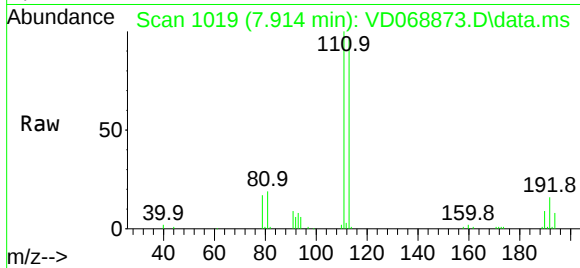
Tgt Ion:114 Resp: 349436
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.2
88 14.2 0.0 29.4



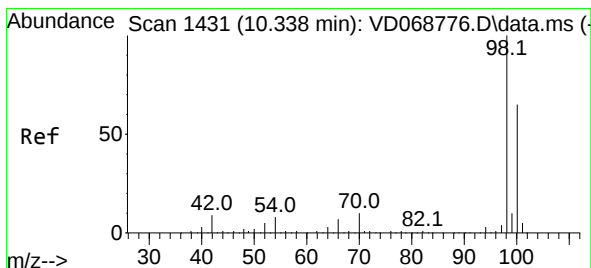
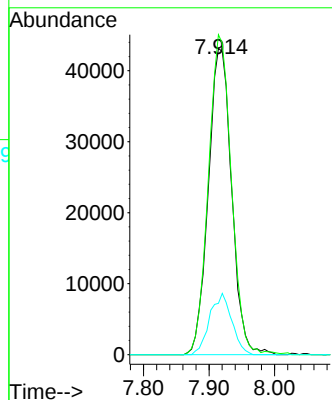
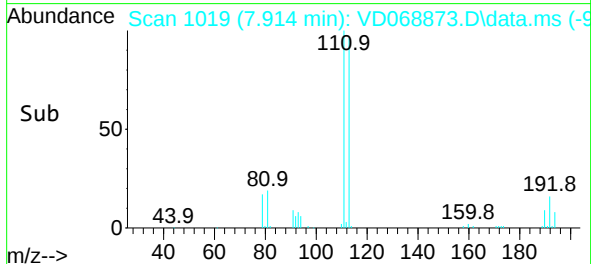


#35
Dibromofluoromethane
Concen: 46.80 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

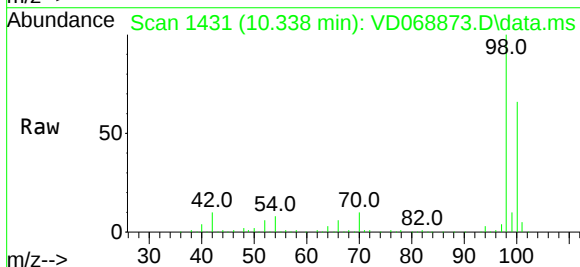
Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0



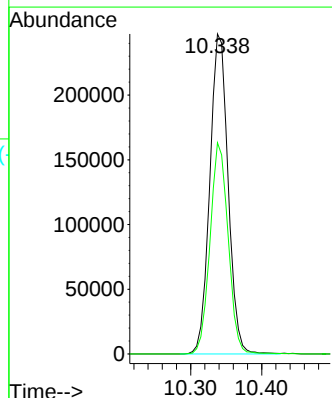
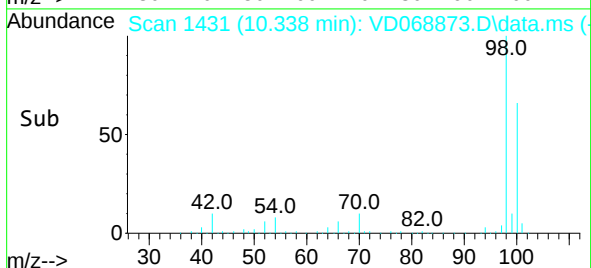
Tgt Ion:113 Resp: 106363
Ion Ratio Lower Upper
113 100
111 103.3 82.5 123.7
192 19.0 15.1 22.7

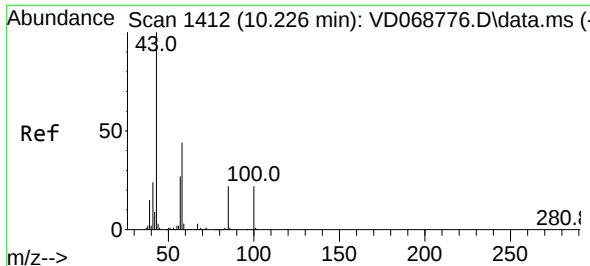


#50
Toluene-d8
Concen: 51.52 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59



Tgt Ion: 98 Resp: 441744
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

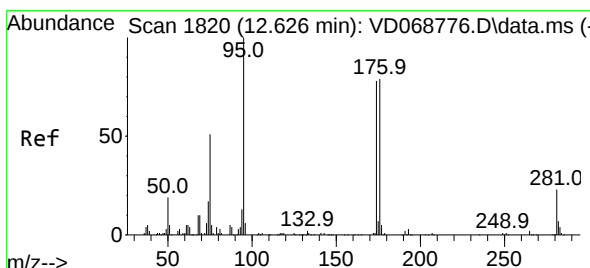
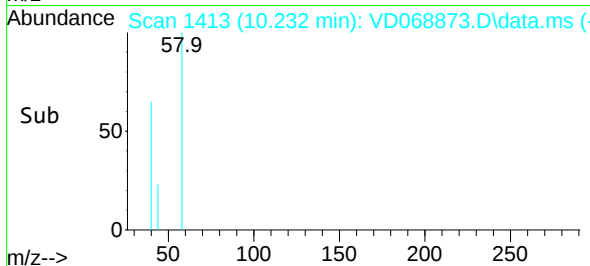
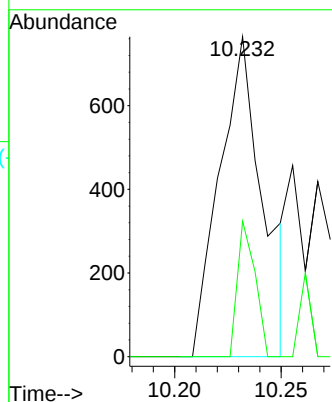
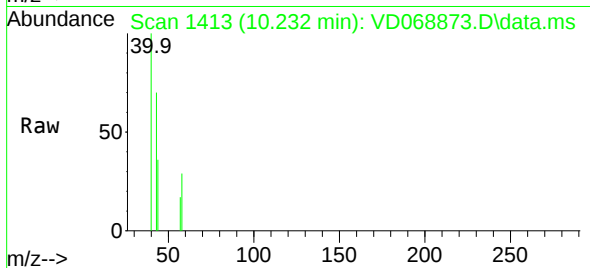




#51
4-Methyl-2-Pentanone
Concen: 1.01 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

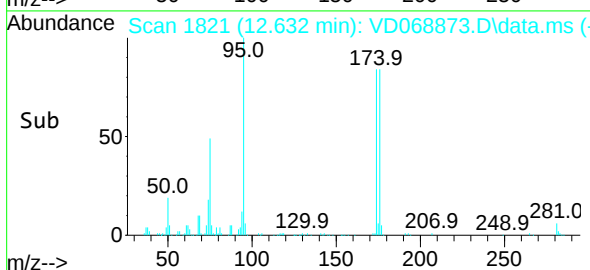
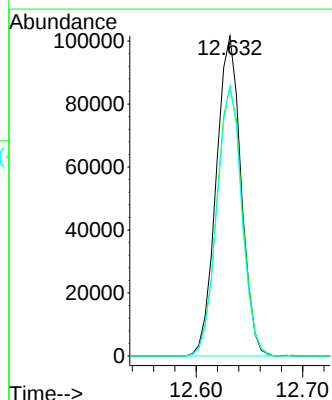
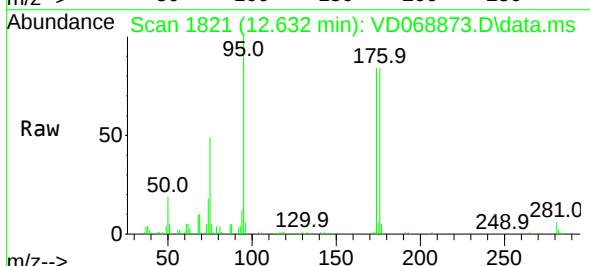
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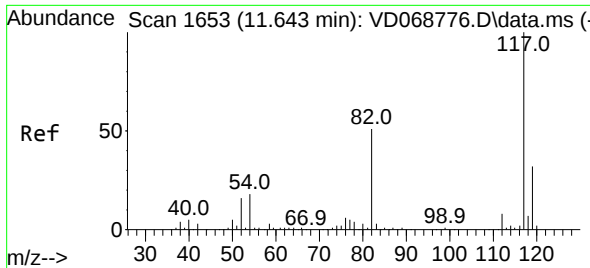
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 17.3 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 57.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Tgt Ion: 95 Resp: 164462
Ion Ratio Lower Upper
95 100
174 86.6 0.0 168.0
176 84.2 0.0 160.2

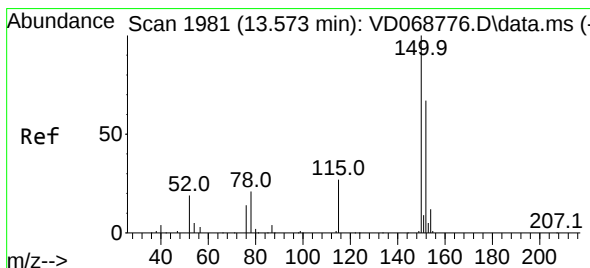
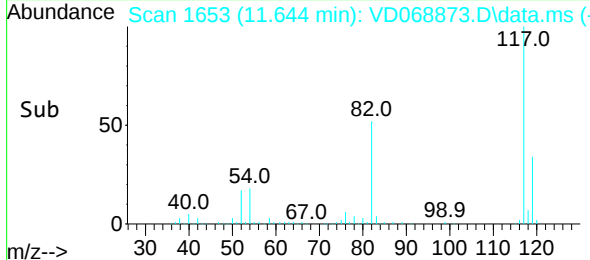
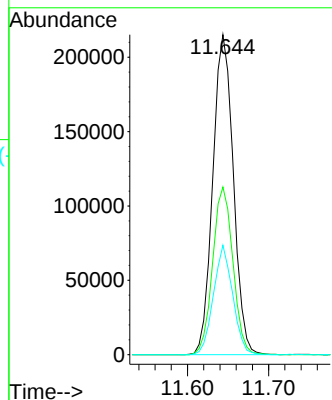
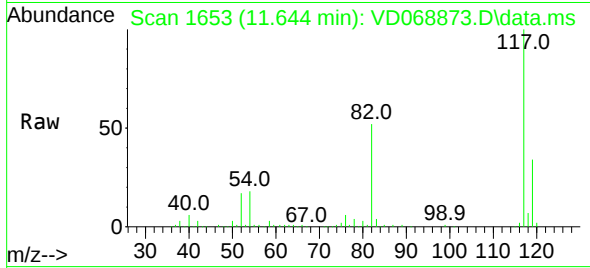




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

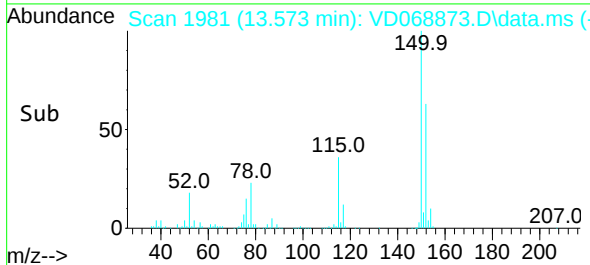
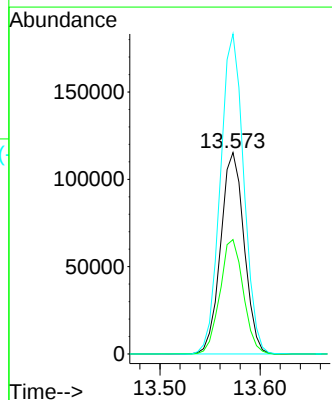
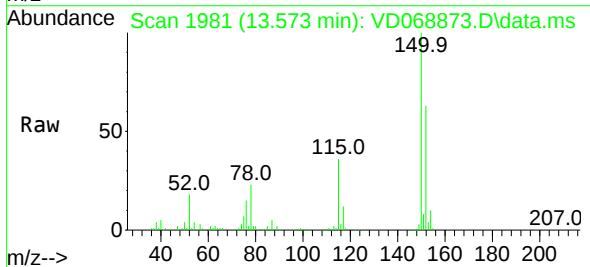
Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

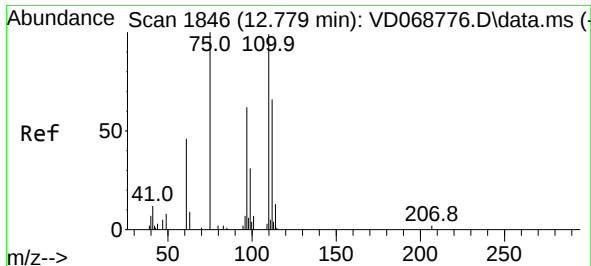
Tgt Ion:117 Resp: 378389
Ion Ratio Lower Upper
117 100
82 52.4 43.5 65.3
119 34.2 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Tgt Ion:152 Resp: 187538
Ion Ratio Lower Upper
152 100
115 56.4 29.3 87.8
150 158.5 0.0 347.6

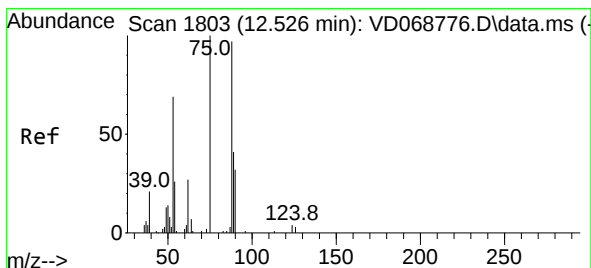
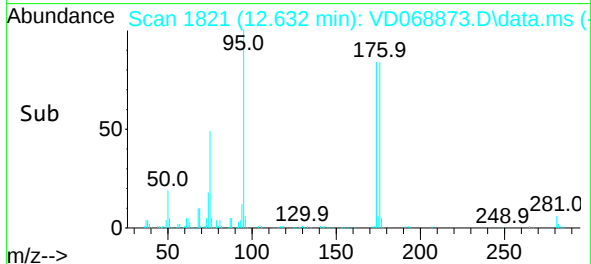
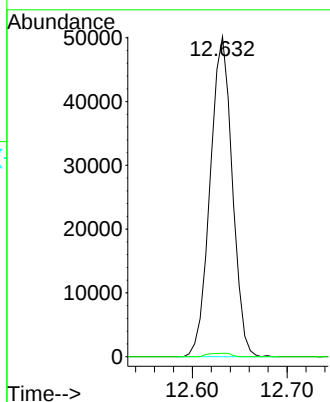
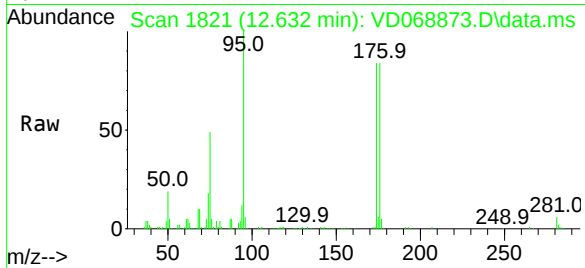




#76
1,2,3-Trichloropropane
Concen: 47.54 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Instrument :
MSVOA_D
ClientSampleId :
SB-11-8.5-9.0

Tgt Ion: 75 Resp: 81450
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068873.D
Acq: 16 Apr 2021 13:59

Tgt Ion: 75 Resp: 81450
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 36.6 54.8#

