

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068937.D
 Acq On : 21 Apr 2021 20:04
 Operator : VA/SY
 Sample : M2106-19
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:24:38 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)

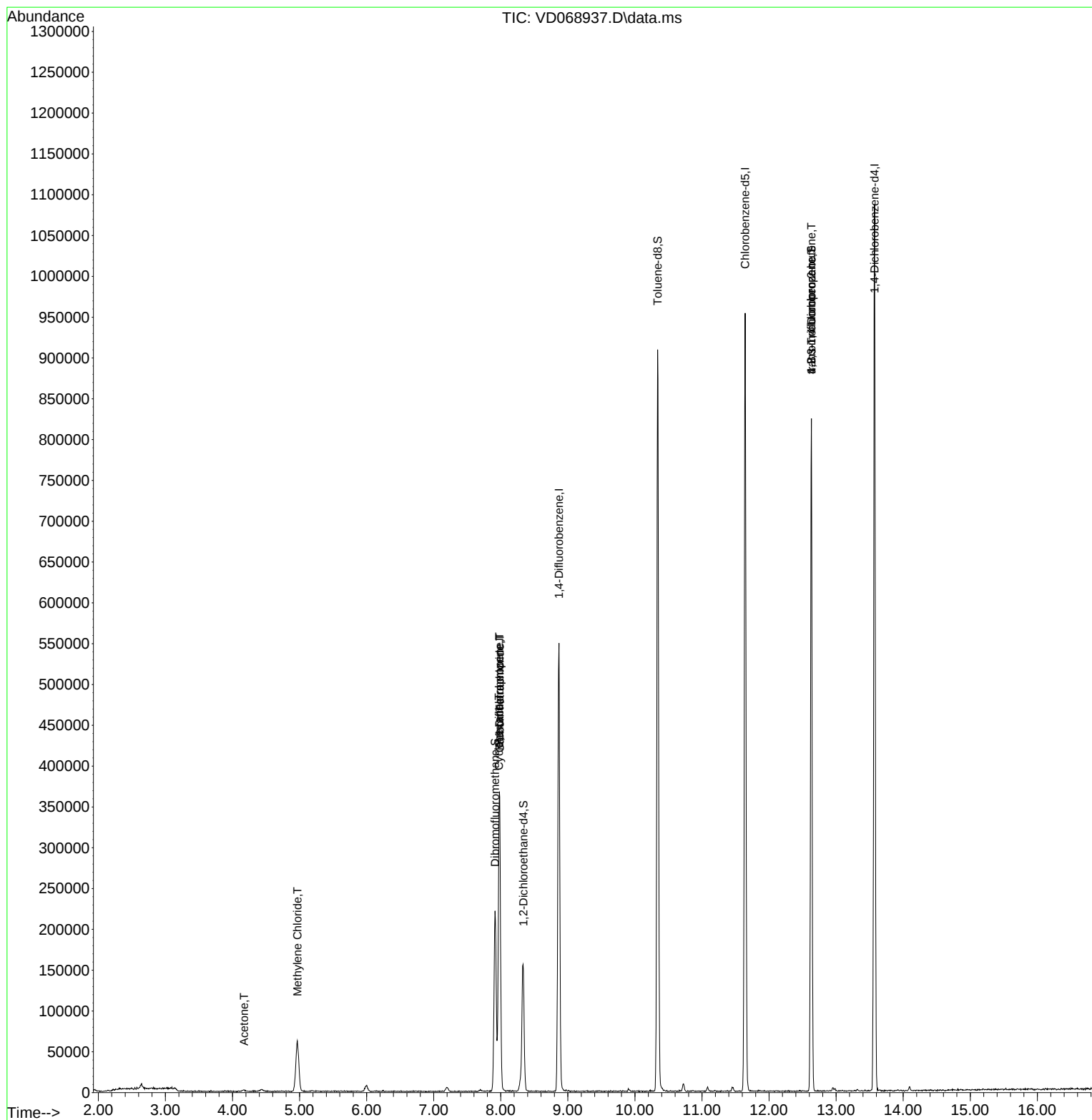
Internal Standards						
1) Pentafluorobenzene	7.979	168	288816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	499669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	577838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	292830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	123880	40.58	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.16%		
35) Dibromofluoromethane	7.914	113	159767	49.16	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.32%		
50) Toluene-d8	10.338	98	641146	52.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.58%		
62) 4-Bromofluorobenzene	12.632	95	253441	62.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	124.48%		
Target Compounds						
11) Tert butyl alcohol	5.250	59	210	Below Cal	#	73
16) Acetone	4.173	43	2881	6.82	ug/l	89
20) Methylene Chloride	4.967	84	55114	12.49	ug/l	97
31) Cyclohexane	7.973	56	5681	1.12	ug/l	# 53
36) 1,1-Dichloropropene	7.979	75	21348	4.22	ug/l	# 49
38) Carbon Tetrachloride	7.985	117	26928	5.38	ug/l	# 15
76) 1,2,3-Trichloropropane	12.632	75	125700	46.99	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	125700	109.04	ug/l	# 16

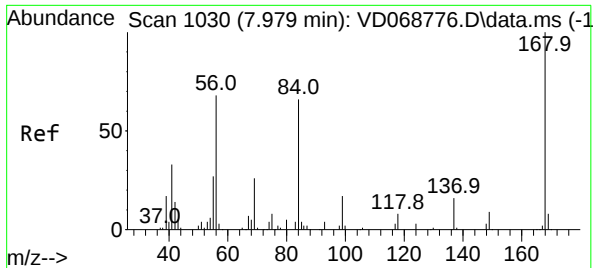
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

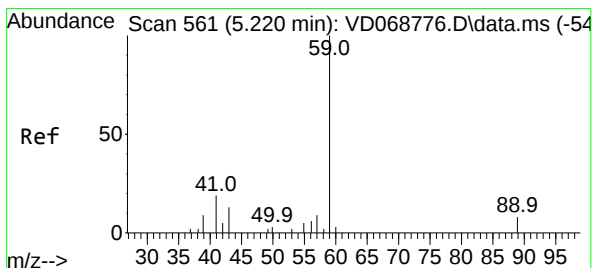
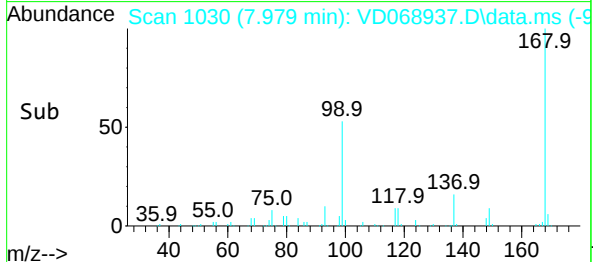
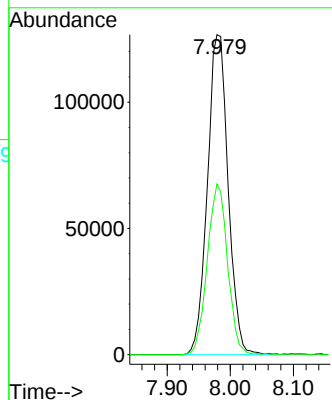
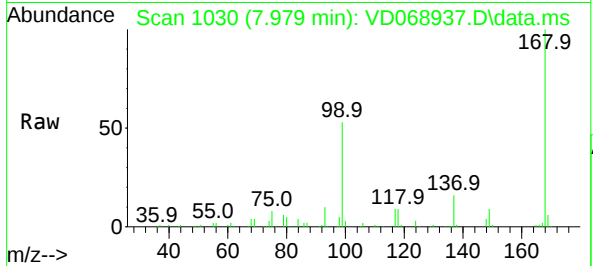




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

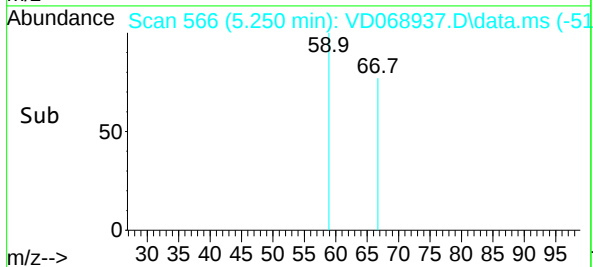
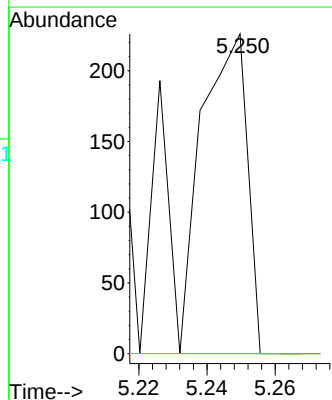
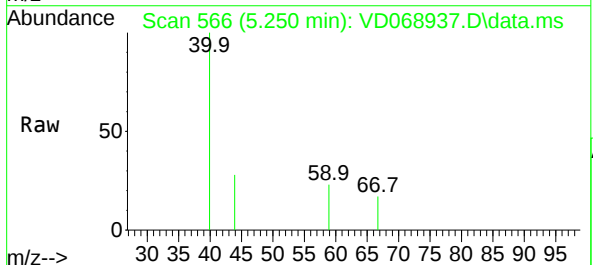
Instrument :
MSVOA_D
ClientSampled :

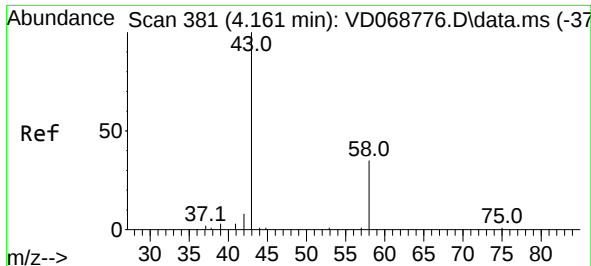
Tgt Ion:168 Resp: 288816
Ion Ratio Lower Upper
168 100
99 53.4 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.250 min Scan# 566
Delta R.T. 0.030 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

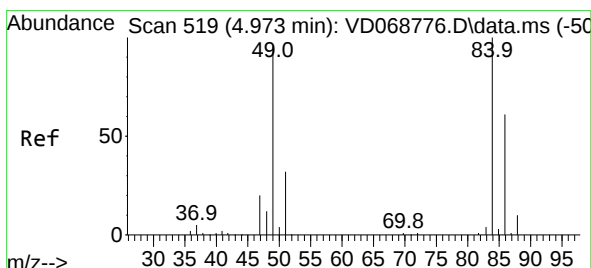
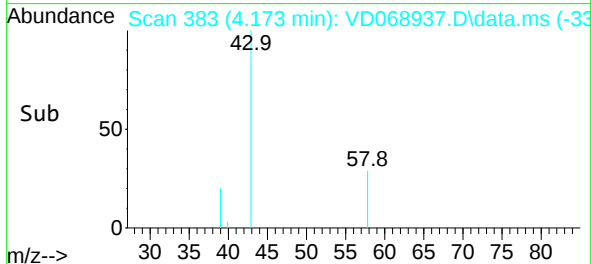
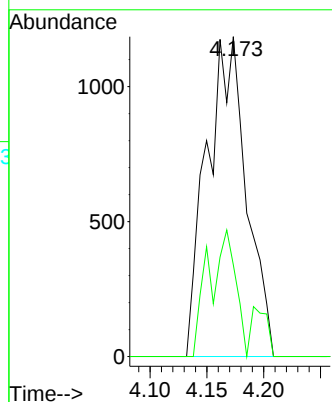
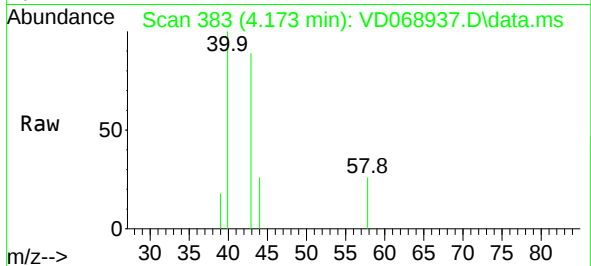




#16
Acetone
Concen: 6.82 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

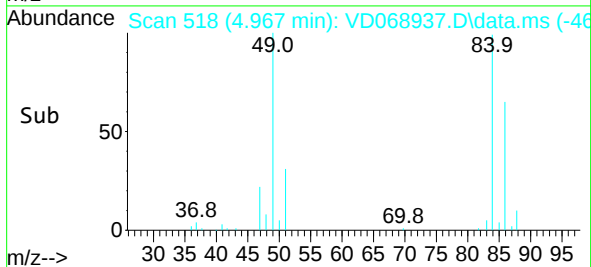
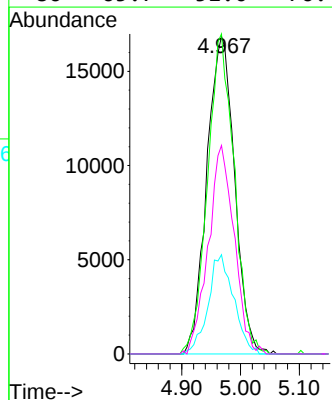
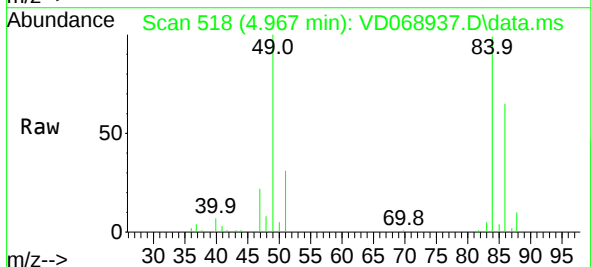
Instrument :
MSVOA_D
ClientSampled :

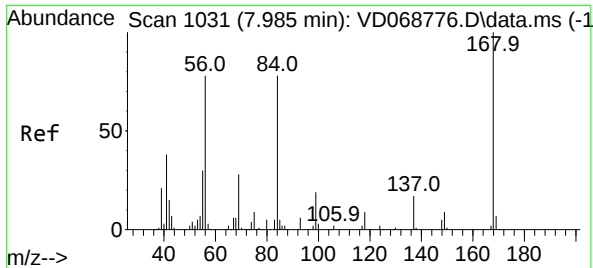
Tgt Ion: 43 Resp: 2881
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0



#20
Methylene Chloride
Concen: 12.49 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

Tgt Ion: 84 Resp: 55114
Ion Ratio Lower Upper
84 100
49 100.8 83.4 125.0
51 31.3 23.4 35.2
86 65.7 51.0 76.4

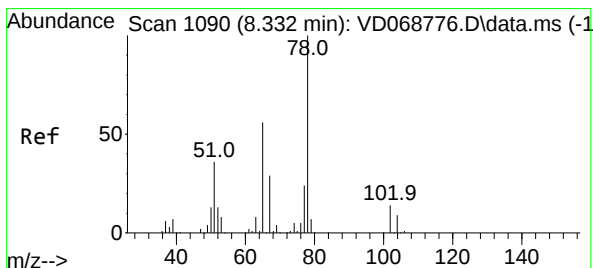
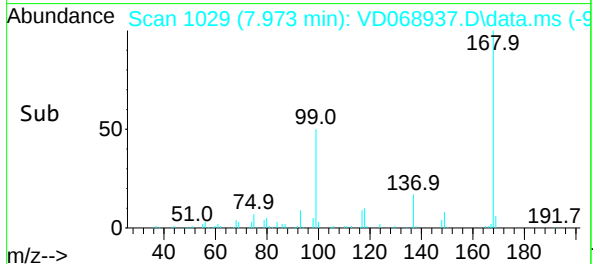
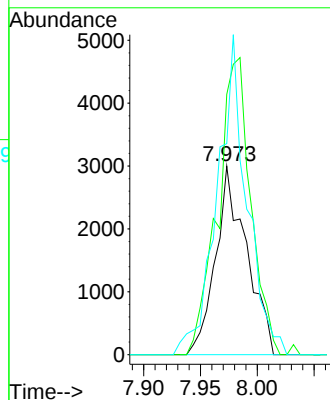
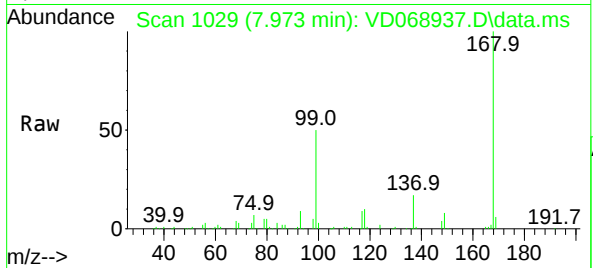




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

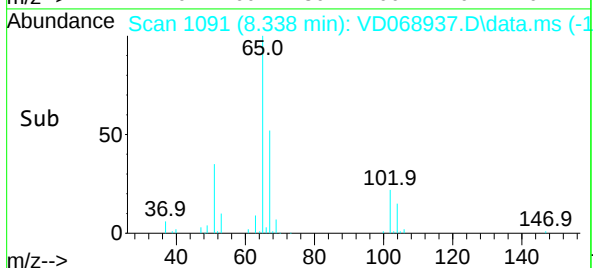
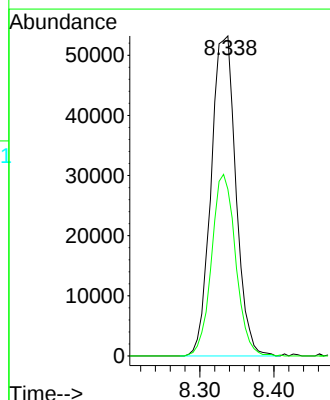
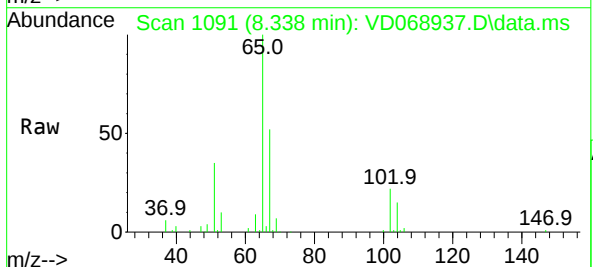
Instrument :
MSVOA_D
ClientSampled :

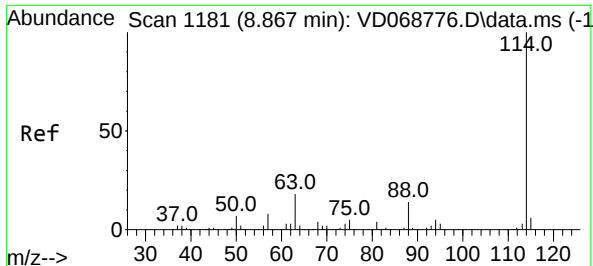
Tgt Ion: 56 Resp: 5681
Ion Ratio Lower Upper
56 100
69 138.1 30.0 45.0#
84 105.5 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 40.58 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

Tgt Ion: 65 Resp: 123880
Ion Ratio Lower Upper
65 100
67 55.0 0.0 106.0

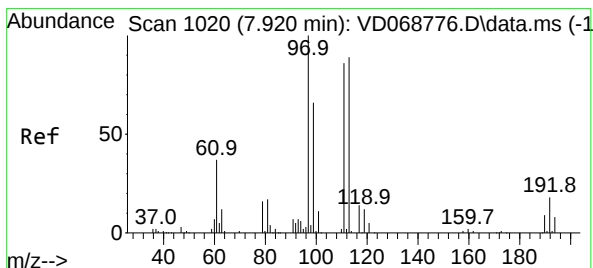
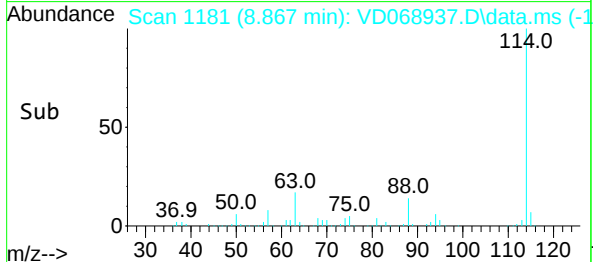
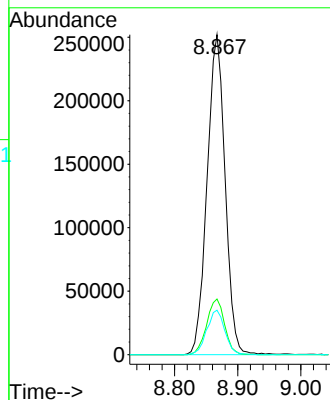
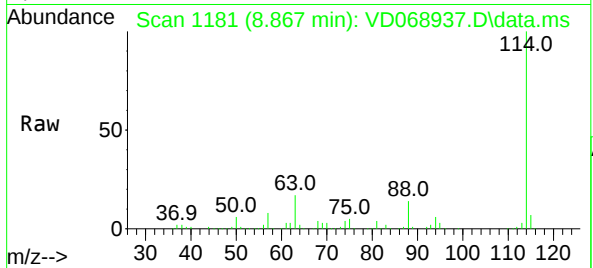




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

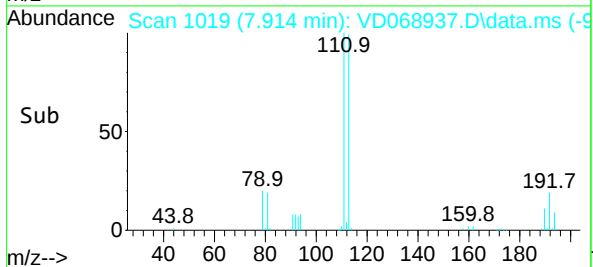
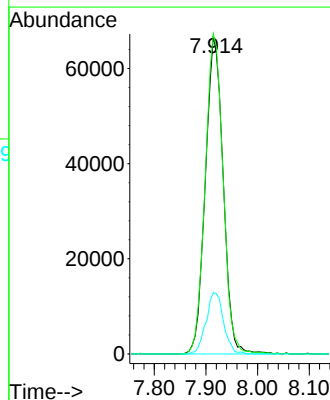
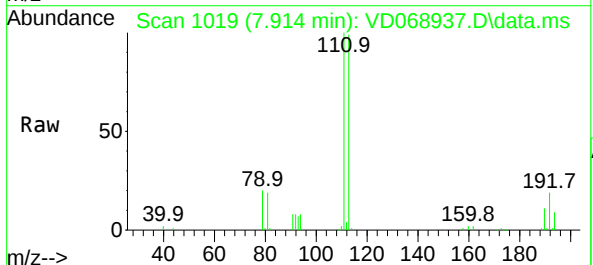
Instrument :
MSVOA_D
ClientSampled :

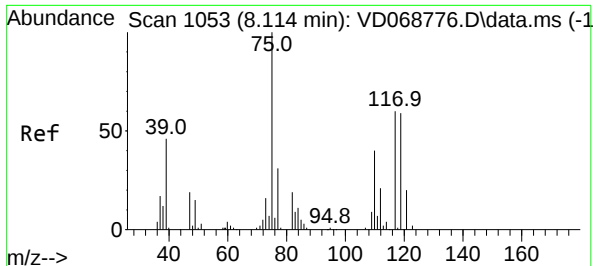
Tgt Ion:114 Resp: 499669
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 13.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

Tgt Ion:113 Resp: 159767
Ion Ratio Lower Upper
113 100
111 100.9 82.5 123.7
192 19.0 15.1 22.7

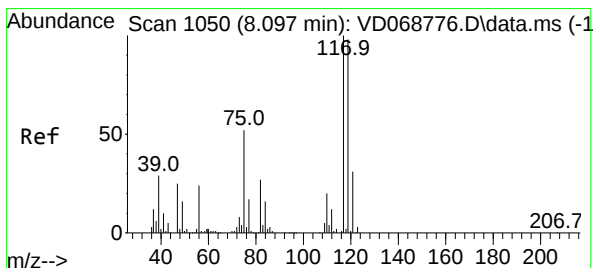
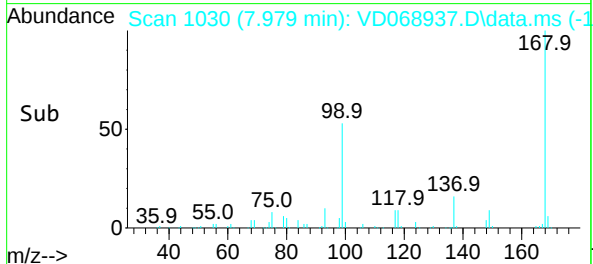
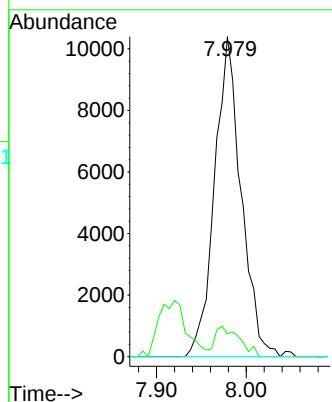
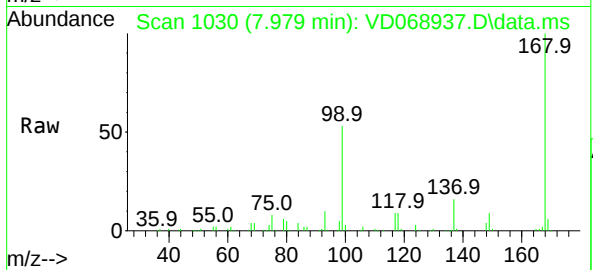




#36
1,1-Dichloropropene
Concen: 4.22 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

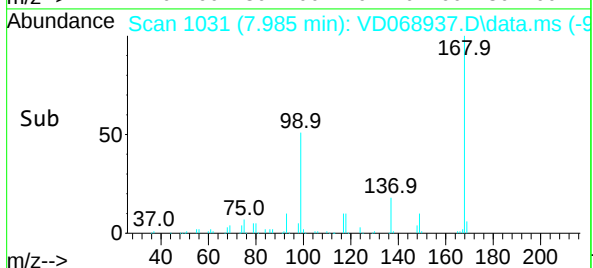
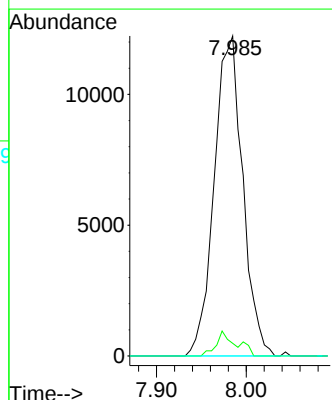
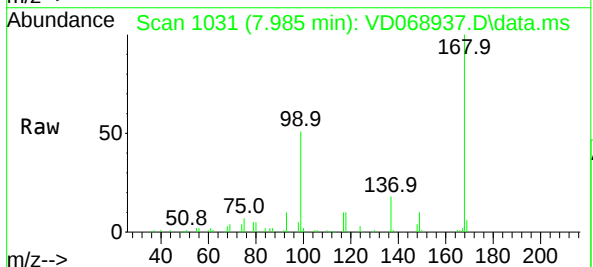
Instrument :
MSVOA_D
ClientSampleId :

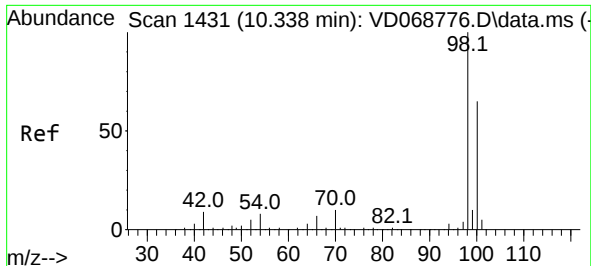
Tgt Ion: 75 Resp: 21348
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

Tgt Ion: 117 Resp: 26928
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 26.1 39.1#

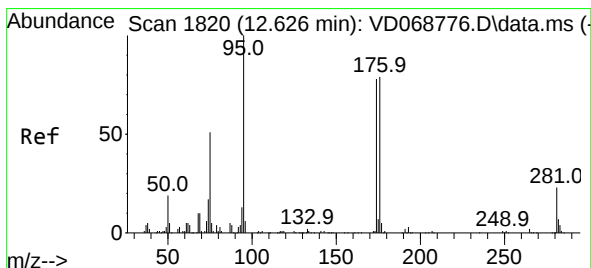
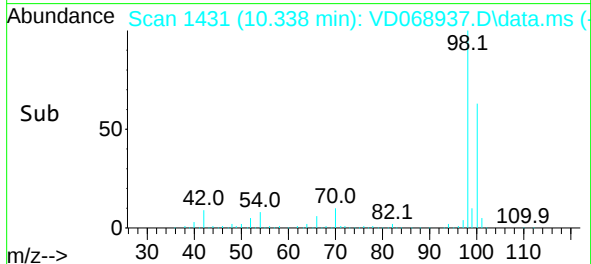
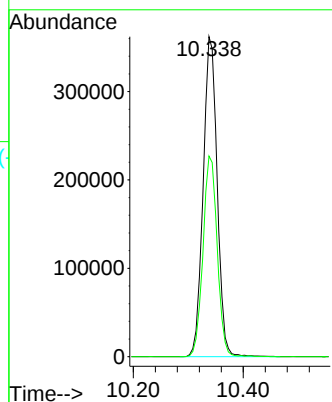
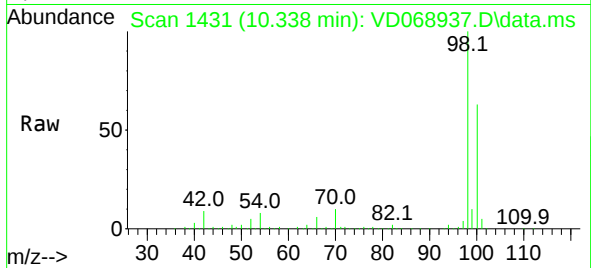




#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

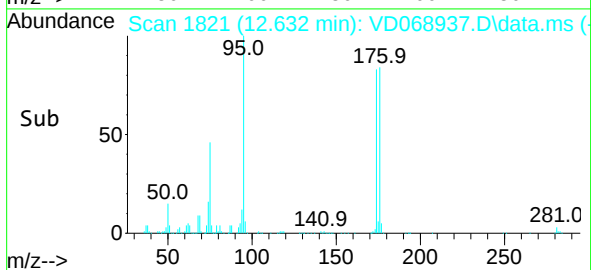
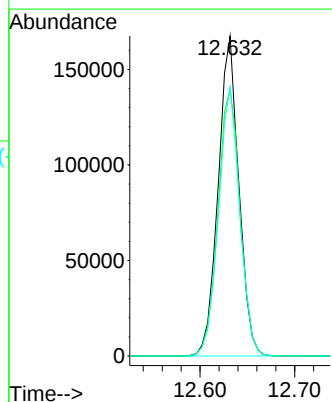
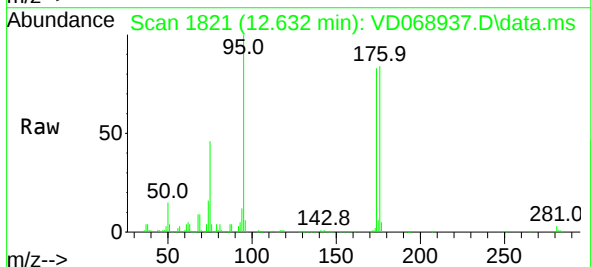
Instrument :
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ClientSampleId :

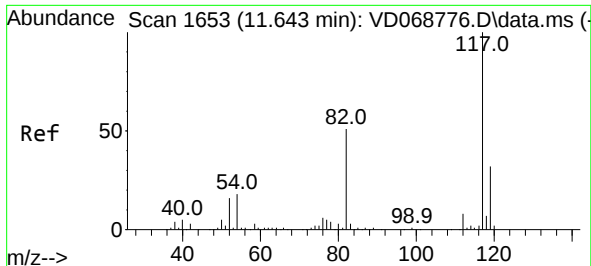
Tgt Ion: 98 Resp: 641146
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

Tgt Ion: 95 Resp: 253441
Ion Ratio Lower Upper
95 100
174 89.2 0.0 168.0
176 86.4 0.0 160.2

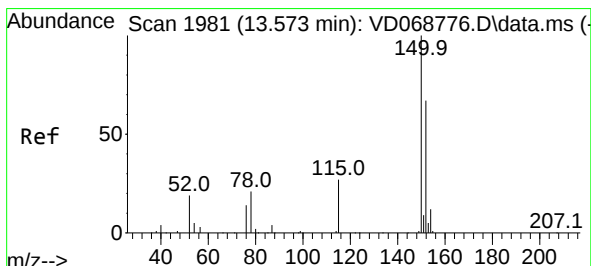
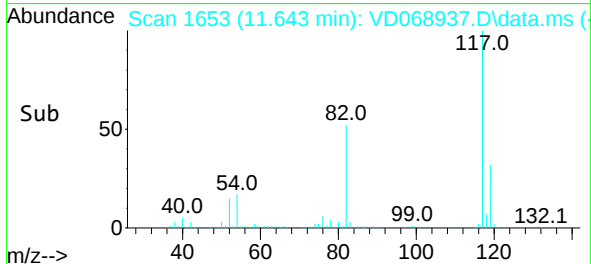
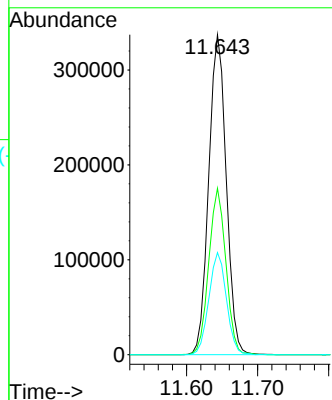
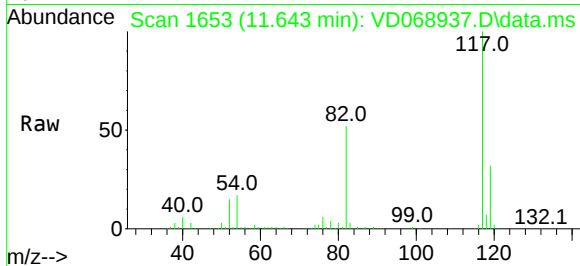




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

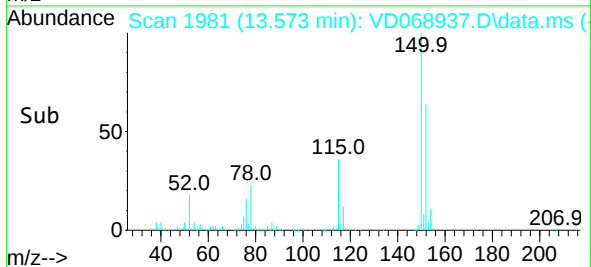
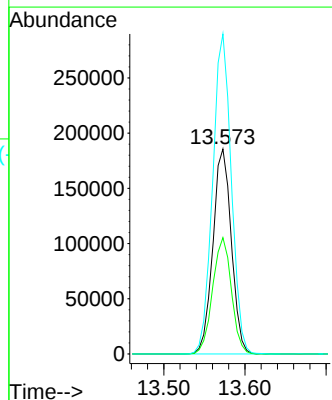
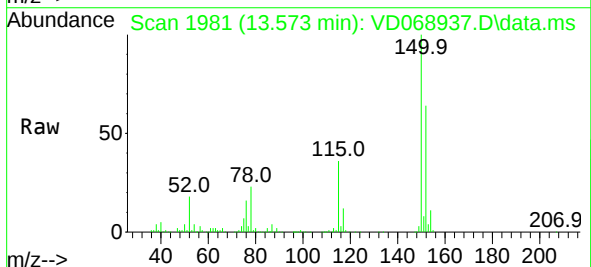
Instrument :
MSVOA_D
ClientSampleId :

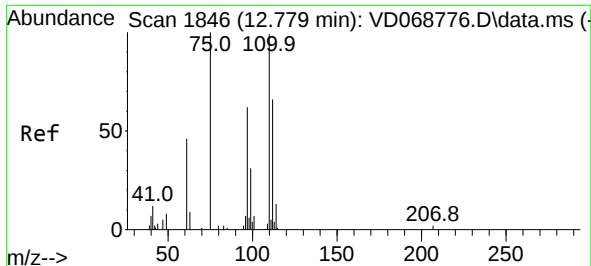
Tgt Ion:117 Resp: 577838
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 31.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

Tgt Ion:152 Resp: 292830
Ion Ratio Lower Upper
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115 57.7 29.3 87.8
150 157.7 0.0 347.6

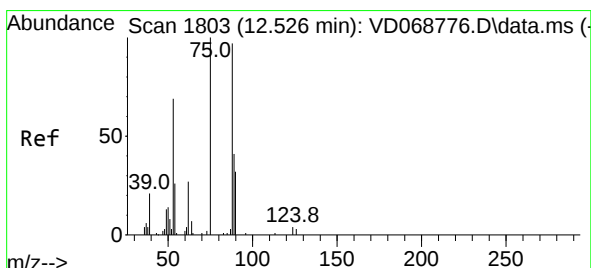
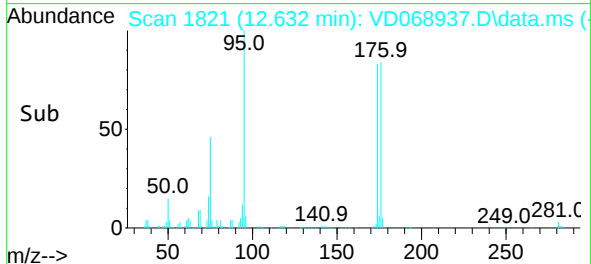
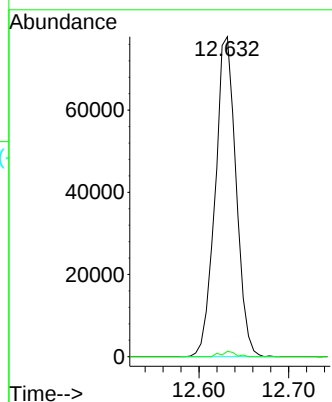
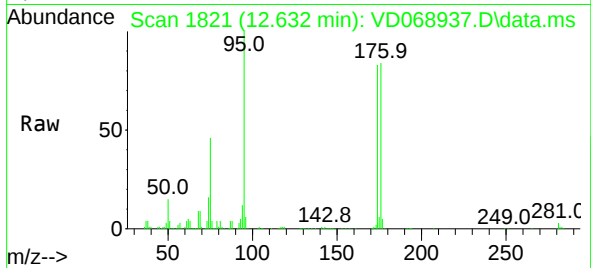




#76
1,2,3-Trichloropropane
Concen: 46.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 125700
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068937.D
Acq: 21 Apr 2021 20:04

Tgt Ion: 75 Resp: 125700
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 36.6 54.8#

