

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068866.D
 Acq On : 15 Apr 2021 20:00
 Operator : VA/SY
 Sample : M2049-05
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:11:24 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)

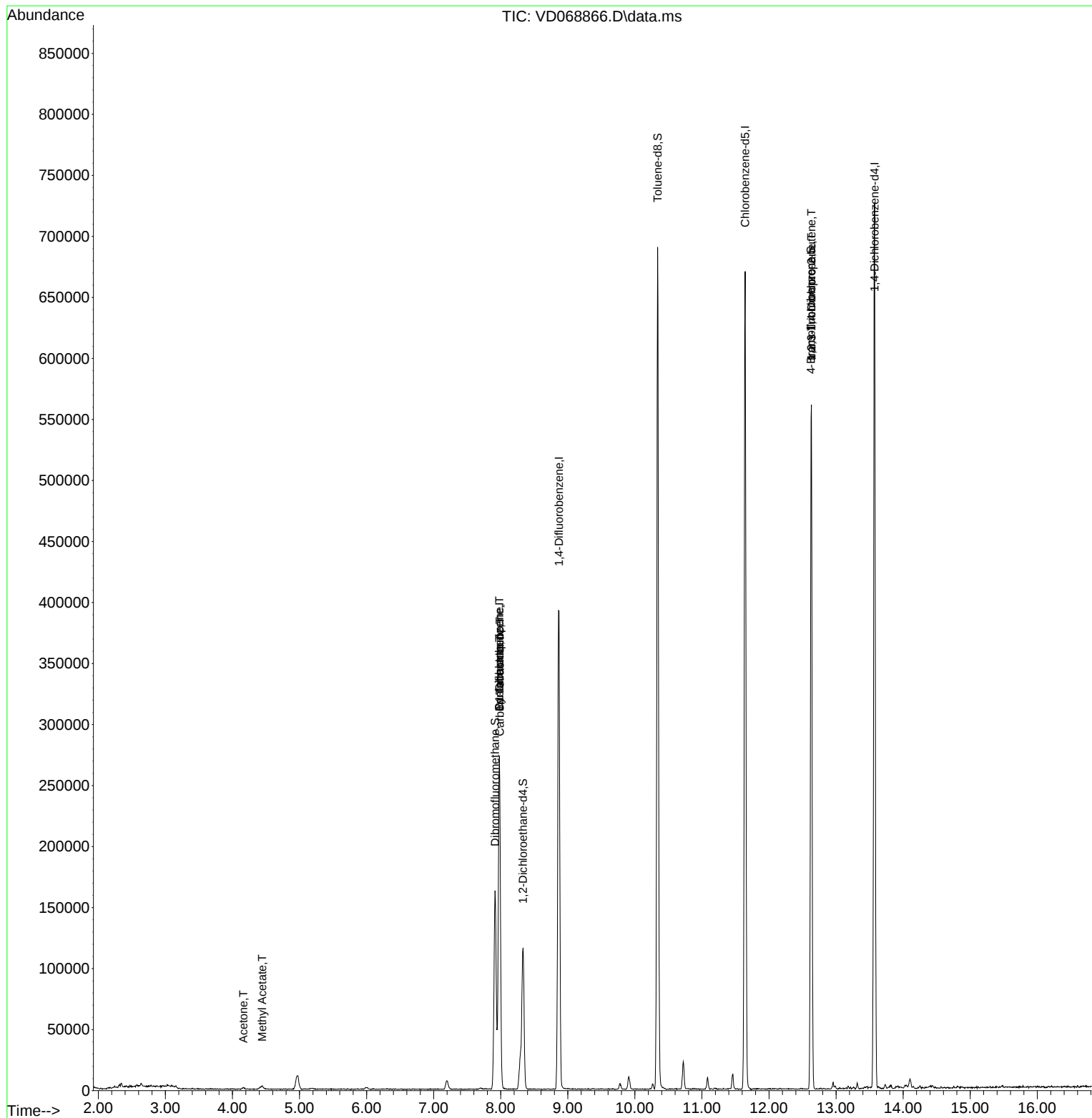
Internal Standards						
1) Pentafluorobenzene	7.979	168	210900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	375924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	405656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	205022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	92122	41.33	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.66%		
35) Dibromofluoromethane	7.914	113	116951	47.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.66%		
50) Toluene-d8	10.338	98	477319	51.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.50%		
62) 4-Bromofluorobenzene	12.626	95	180080	58.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	117.56%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	160	Below Cal	#	73
16) Acetone	4.162	43	1945	6.30	ug/l #	80
18) Methyl Acetate	4.444	43	1032	1.22	ug/l #	43
20) Methylene Chloride	4.973	84	10677	Below Cal	#	78
31) Cyclohexane	7.979	56	4051	1.09	ug/l #	6
36) 1,1-Dichloropropene	7.979	75	15436	4.06	ug/l #	51
38) Carbon Tetrachloride	7.985	117	19846	5.27	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	88830	47.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	88830	110.06	ug/l #	16

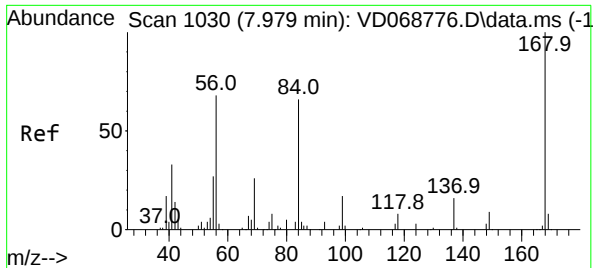
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068866.D
Acq On : 15 Apr 2021 20:00
Operator : VA/SY
Sample : M2049-05
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 16 01:11:24 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

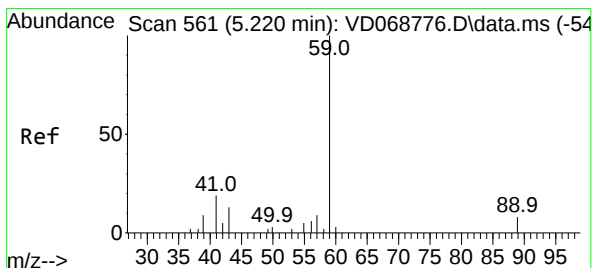
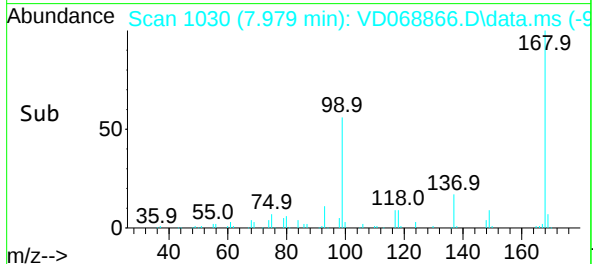
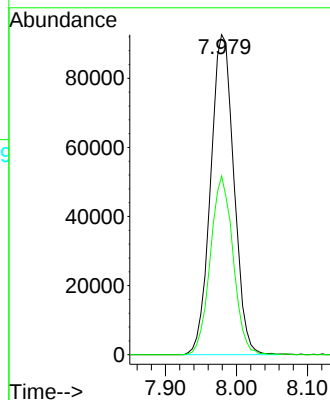
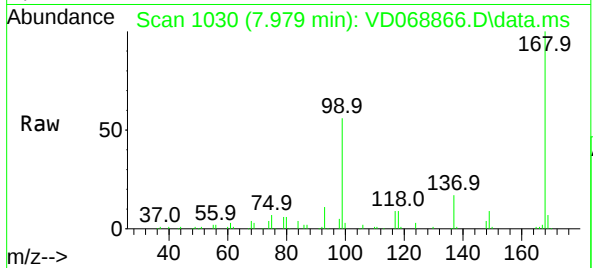




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

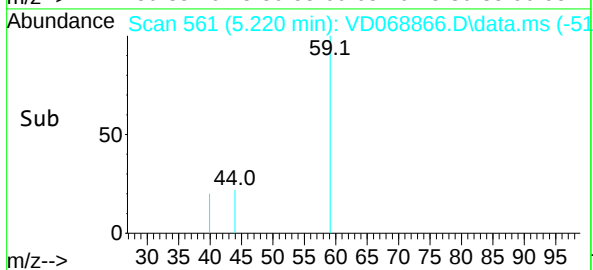
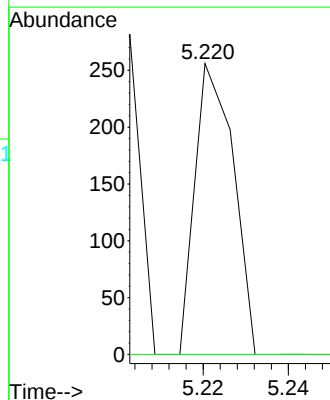
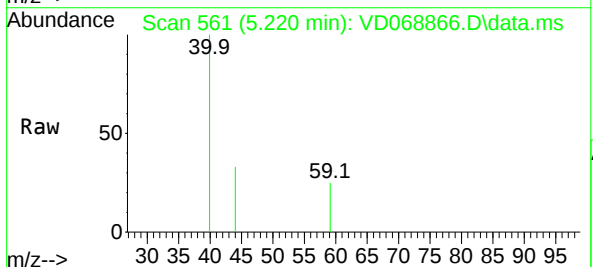
Instrument :
MSVOA_D
ClientSampled :

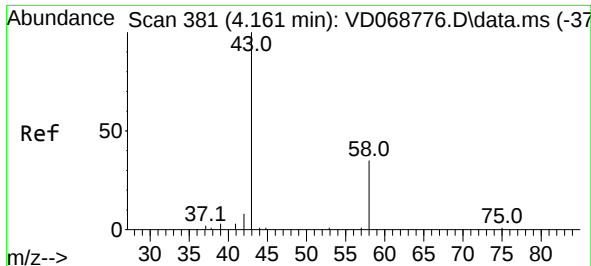
Tgt Ion:168 Resp: 210900
Ion Ratio Lower Upper
168 100
99 55.8 46.2 69.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

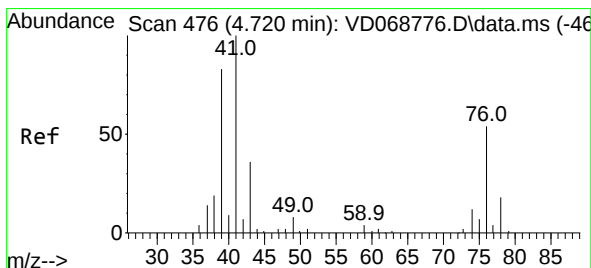
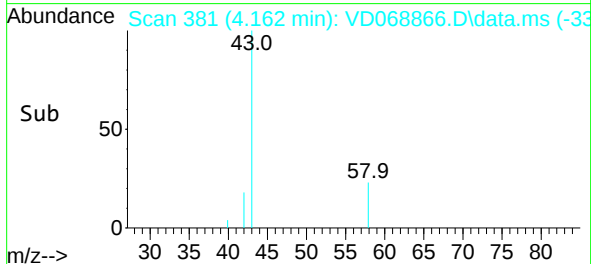
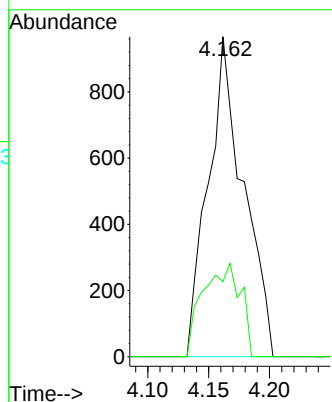
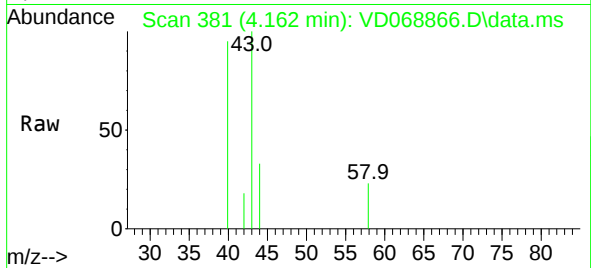




#16
Acetone
Concen: 6.30 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

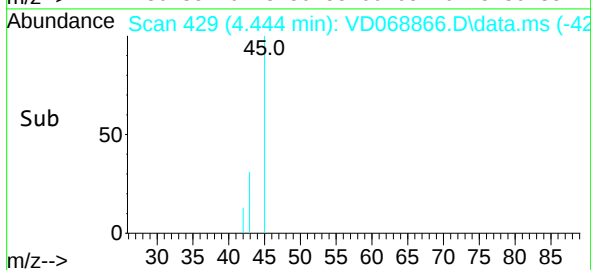
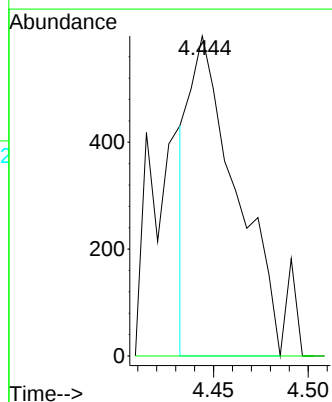
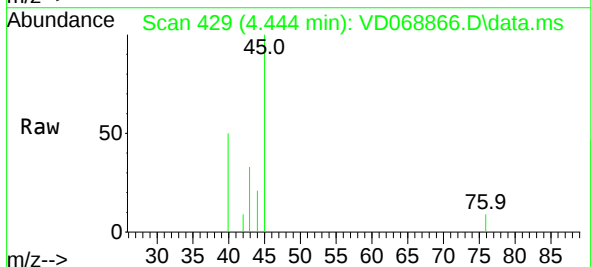
Instrument :
MSVOA_D
ClientSampled :

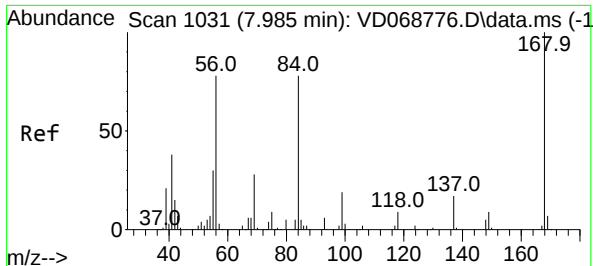
Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
58 23.5 28.0 42.0#



#18
Methyl Acetate
Concen: 1.22 ug/l
RT: 4.444 min Scan# 429
Delta R.T. -0.276 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion: 43 Resp: 1032
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#

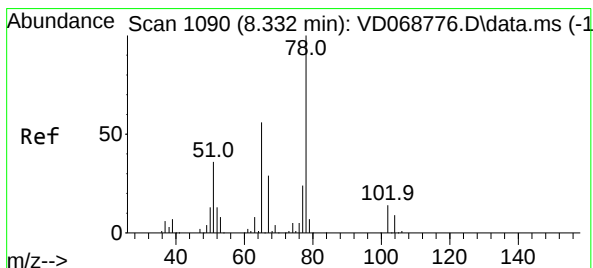
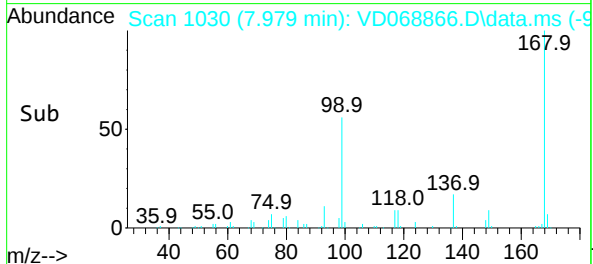
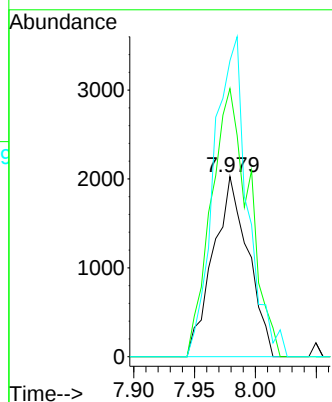
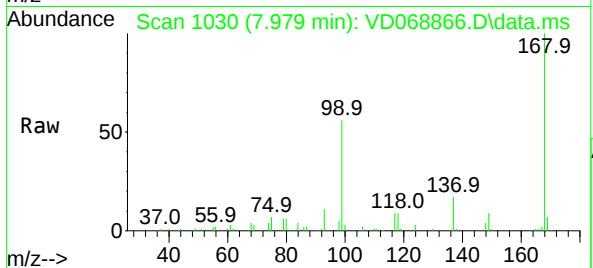




#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

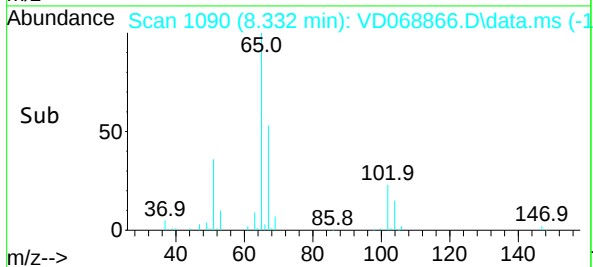
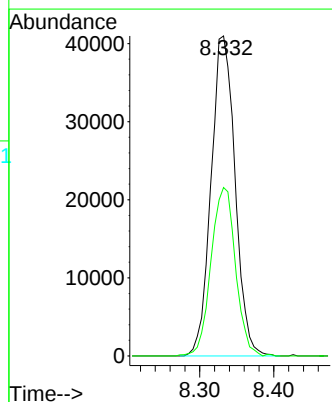
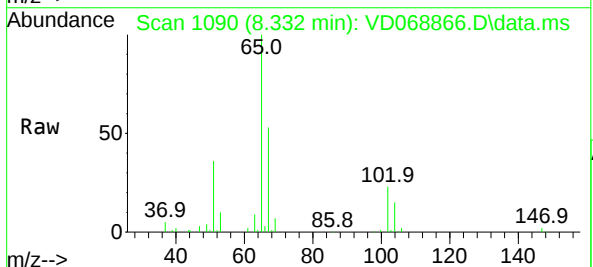
Instrument :
MSVOA_D
ClientSampleId :

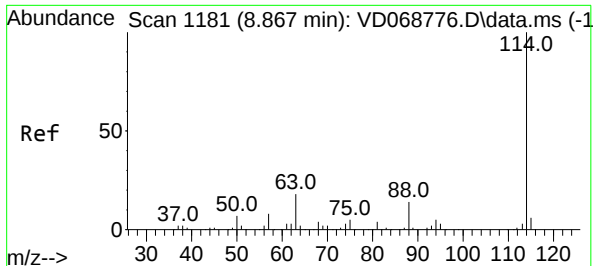
Tgt Ion: 56 Resp: 4051
Ion Ratio Lower Upper
56 100
69 148.9 30.0 45.0#
84 164.3 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 41.33 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion: 65 Resp: 92122
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.0

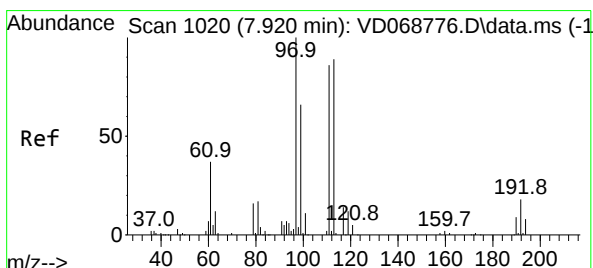
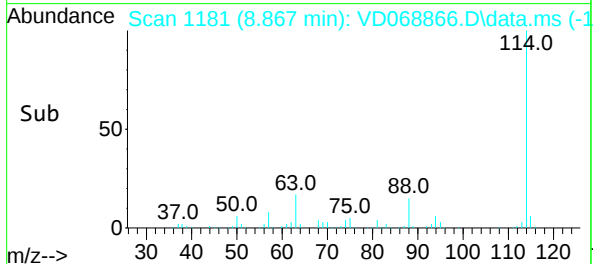
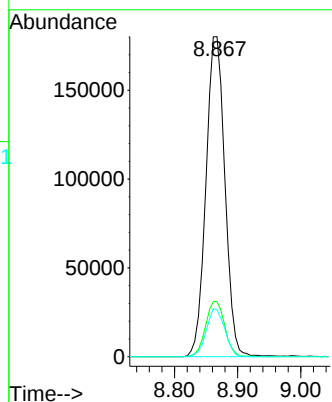
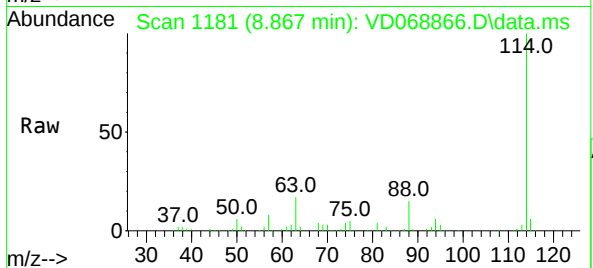




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

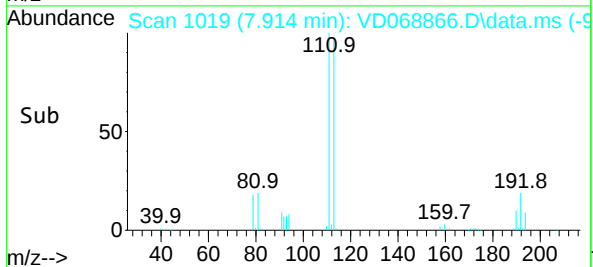
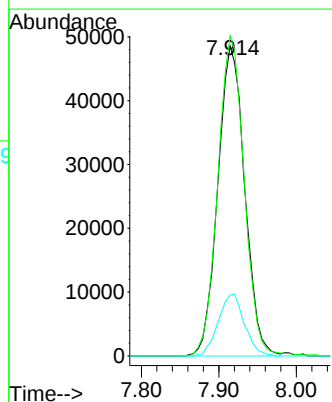
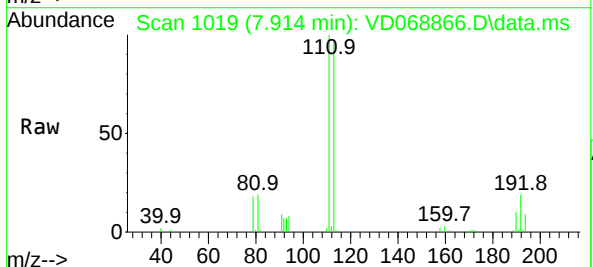
Instrument :
MSVOA_D
ClientSampled :

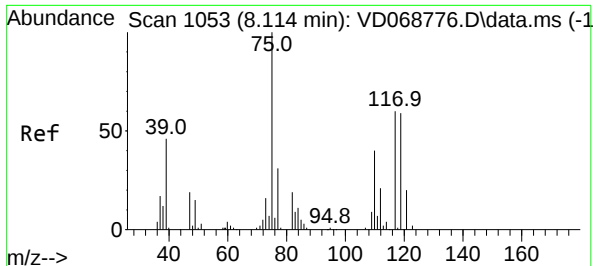
Tgt Ion:114 Resp: 375924
Ion Ratio Lower Upper
114 100
63 17.3 0.0 38.2
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 47.83 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

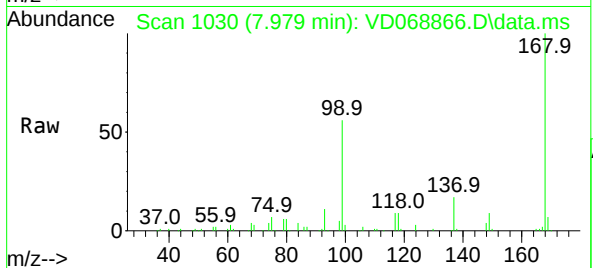
Tgt Ion:113 Resp: 116951
Ion Ratio Lower Upper
113 100
111 101.8 82.5 123.7
192 19.4 15.1 22.7



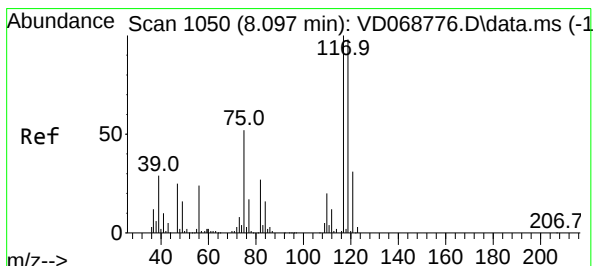
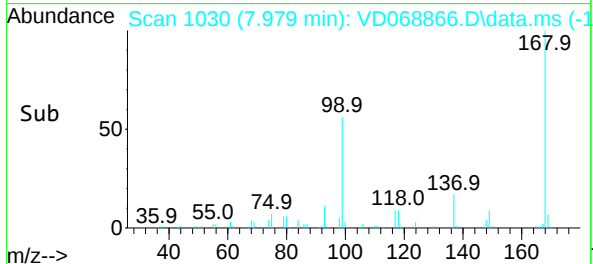
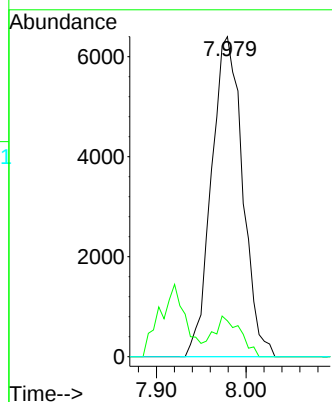


#36
1,1-Dichloropropene
Concen: 4.06 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

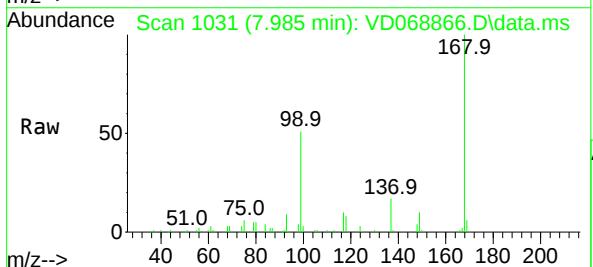
Instrument :
MSVOA_D
ClientSampleId :



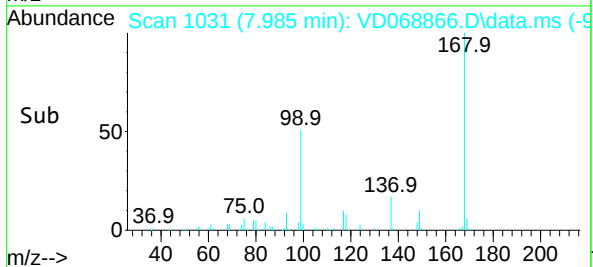
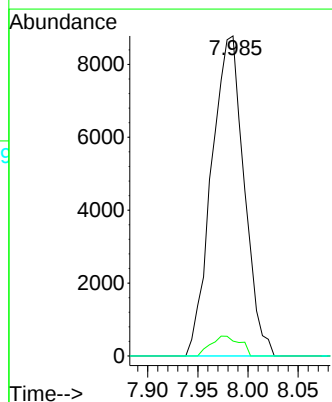
Tgt Ion: 75 Resp: 15436
Ion Ratio Lower Upper
75 100
110 11.0 18.1 54.4#
77 0.0 24.7 37.1#

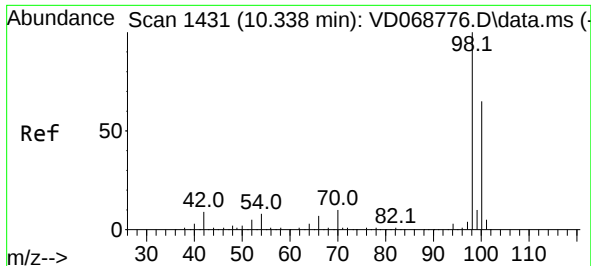


#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00



Tgt Ion: 117 Resp: 19846
Ion Ratio Lower Upper
117 100
119 4.7 76.6 115.0#
121 0.0 26.1 39.1#

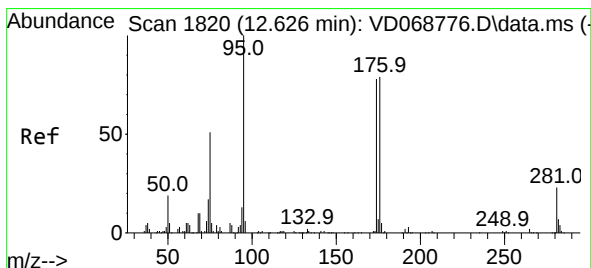
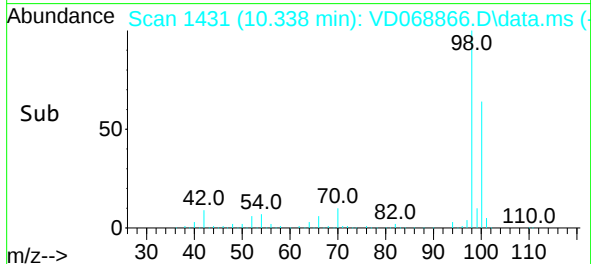
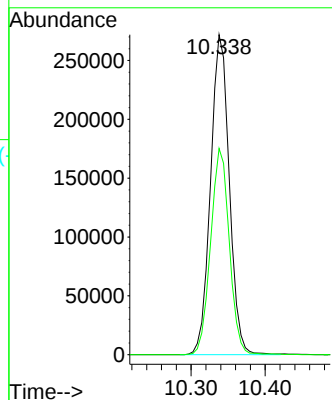
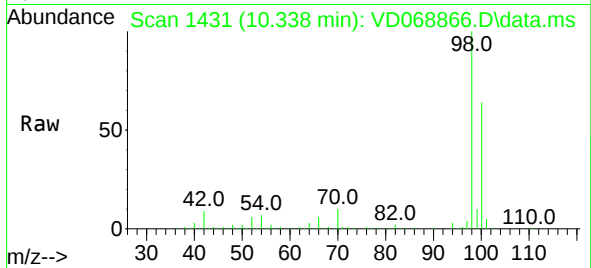




#50
Toluene-d8
Concen: 51.75 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

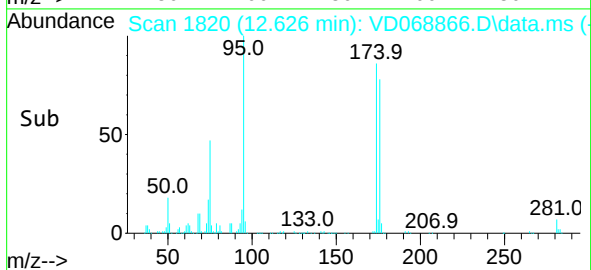
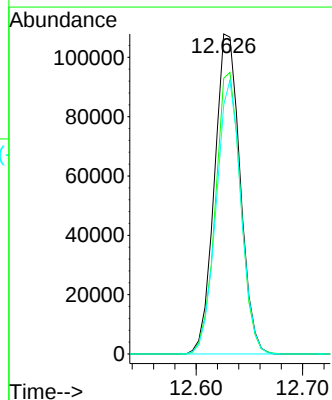
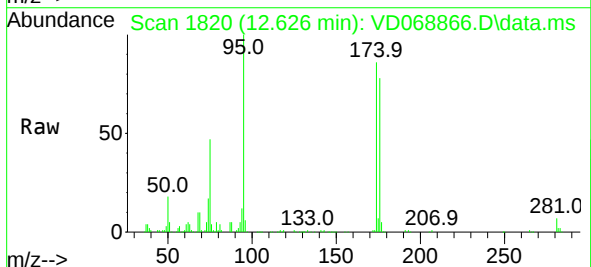
Instrument :
MSVOA_D
ClientSampled :

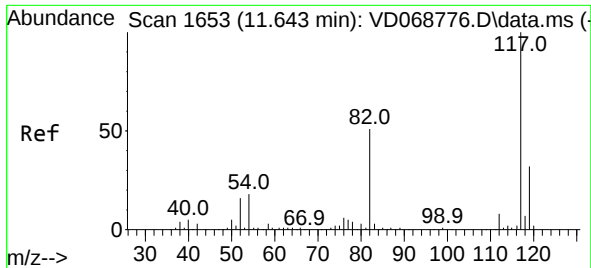
Tgt Ion: 98 Resp: 477319
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.78 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion: 95 Resp: 180080
Ion Ratio Lower Upper
95 100
174 86.4 0.0 168.0
176 82.9 0.0 160.2

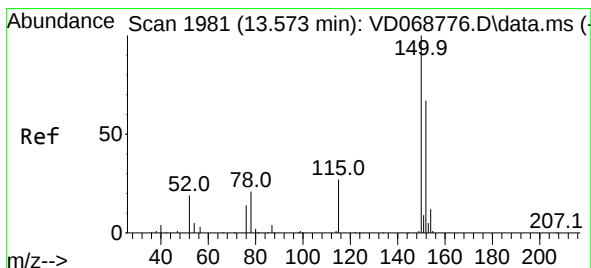
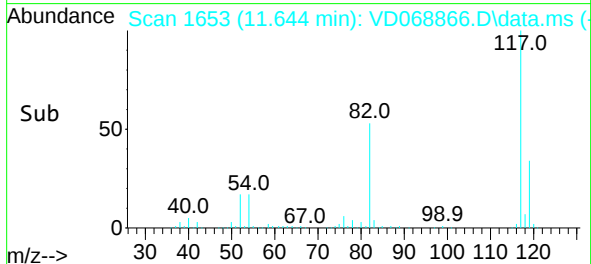
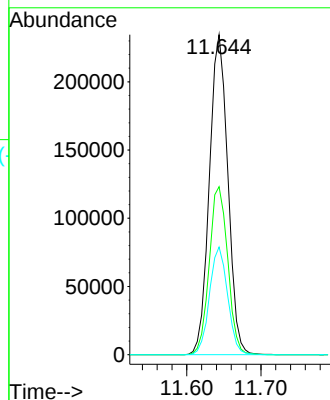
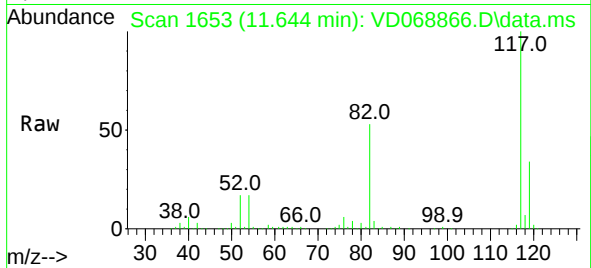




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

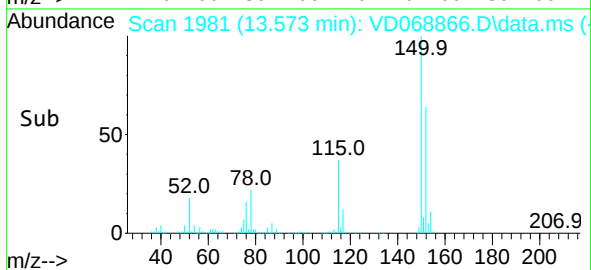
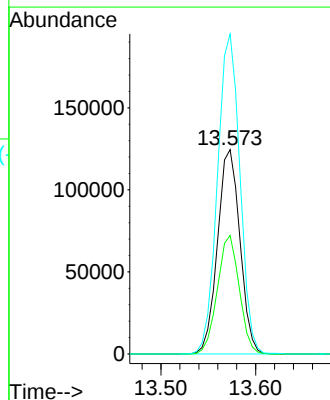
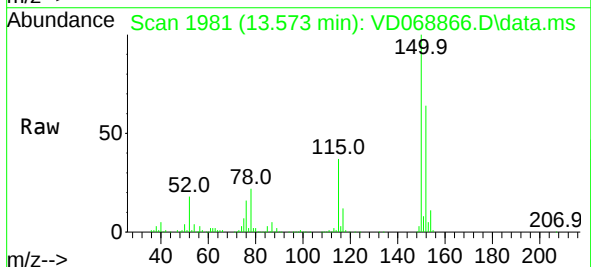
Instrument :
MSVOA_D
ClientSampled :

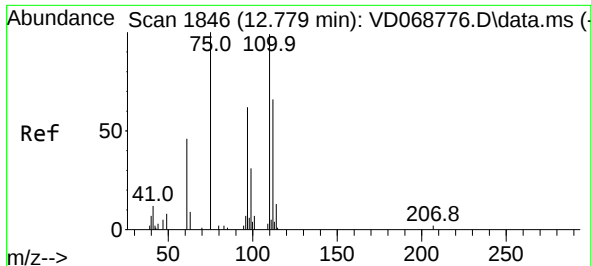
Tgt Ion:117 Resp: 405656
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 33.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion:152 Resp: 205022
Ion Ratio Lower Upper
152 100
115 56.6 29.3 87.8
150 156.6 0.0 347.6

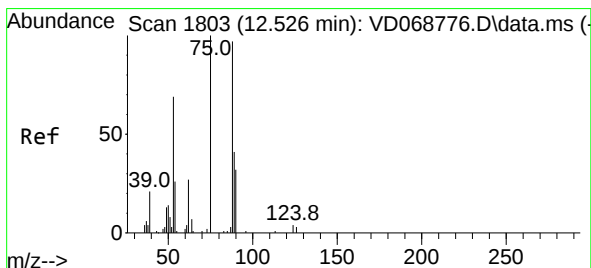
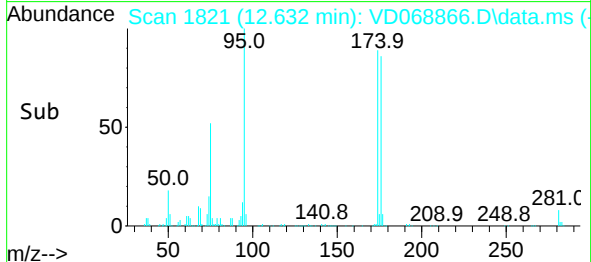
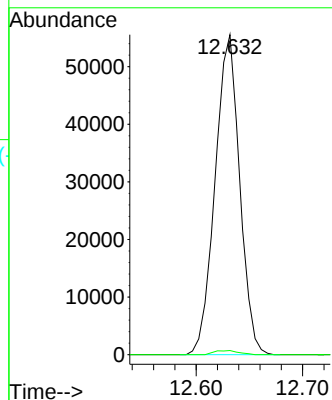
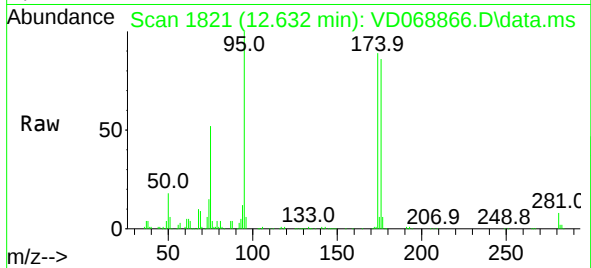




#76
1,2,3-Trichloropropane
Concen: 47.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 88830
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068866.D
Acq: 15 Apr 2021 20:00

Tgt Ion: 75 Resp: 88830
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

