

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068193.D
 Acq On : 26 Jan 2021 18:23
 Operator : VA/SY
 Sample : M1236-05
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 00:13:28 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)

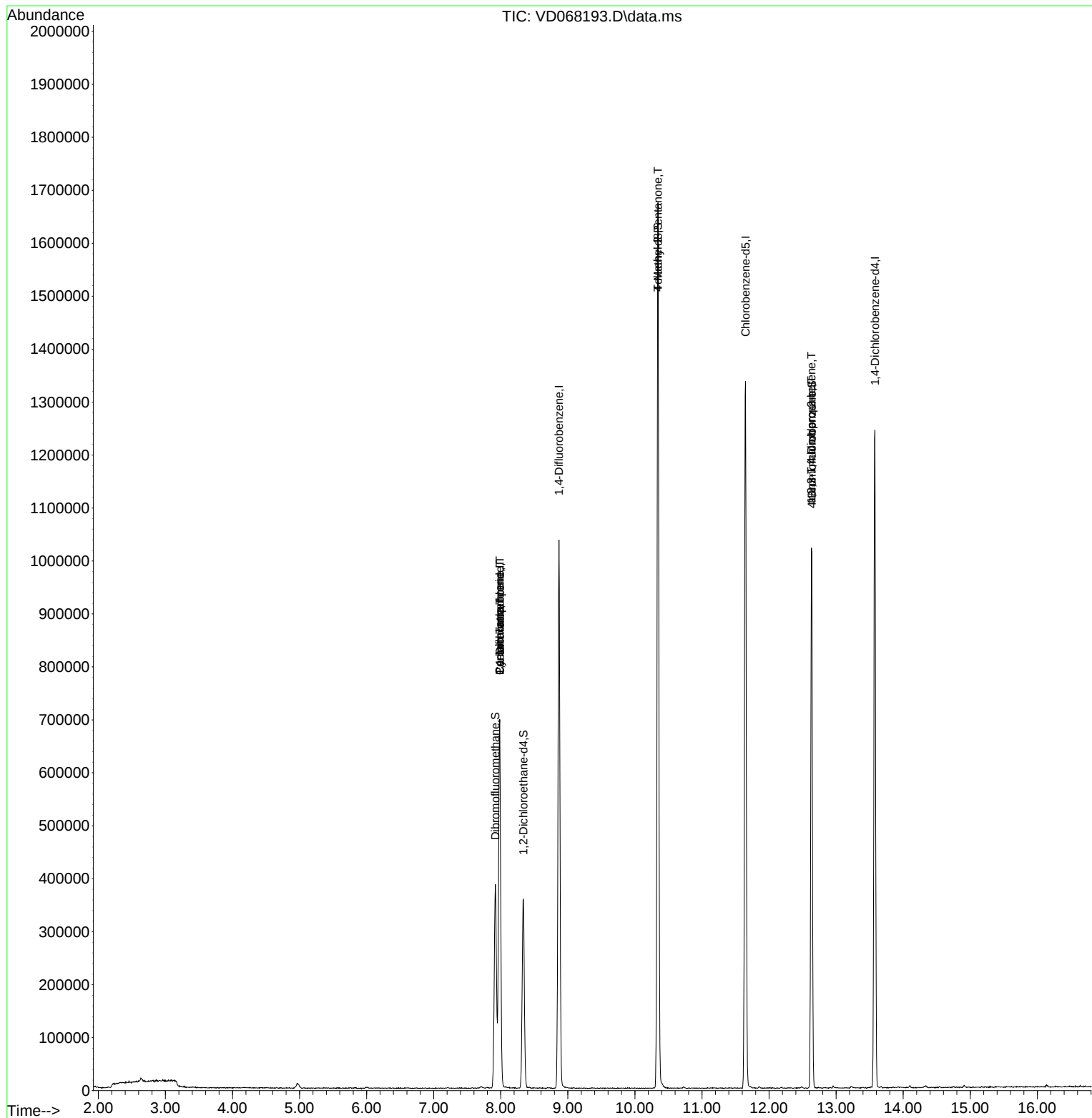
Internal Standards						
1) Pentafluorobenzene	7.985	168	521811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	920803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	808422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	346062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	291346	58.37	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.74%			
35) Dibromofluoromethane	7.920	113	278545	54.72	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.44%			
50) Toluene-d8	10.344	98	1142916	56.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.26%			
62) 4-Bromofluorobenzene	12.638	95	363446	49.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.12%			
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.961	84	7383	Below Cal	#	81
31) Cyclohexane	7.985	56	11633	1.08	ug/l #	3
36) 1,1-Dichloropropene	7.985	75	41539	4.47	ug/l #	47
38) Carbon Tetrachloride	7.985	117	53461	6.15	ug/l #	16
51) 4-Methyl-2-Pentanone	10.344	43	5283	1.66	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	185814	55.53	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	185814	112.37	ug/l #	13

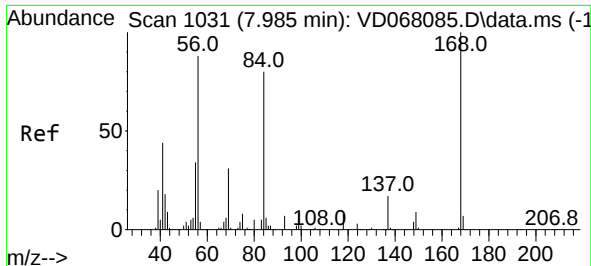
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

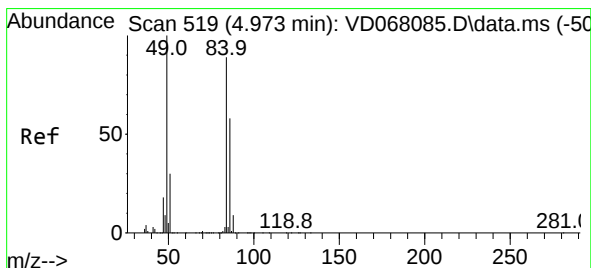
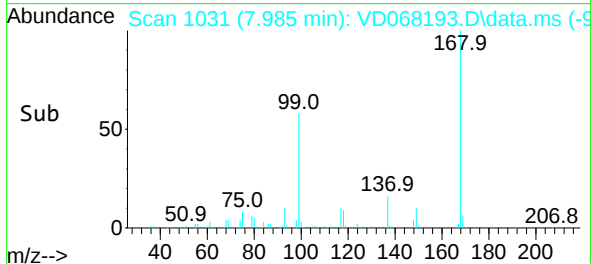
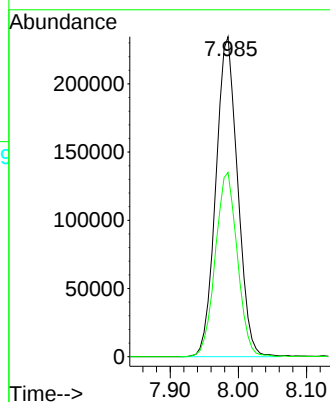
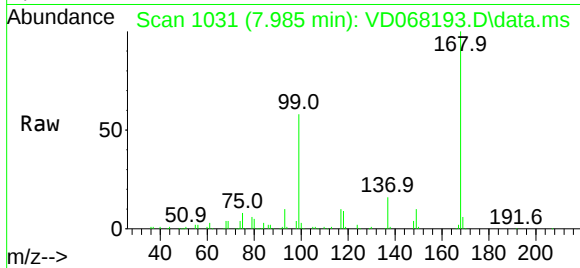




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

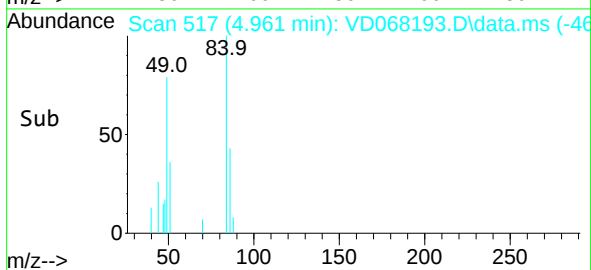
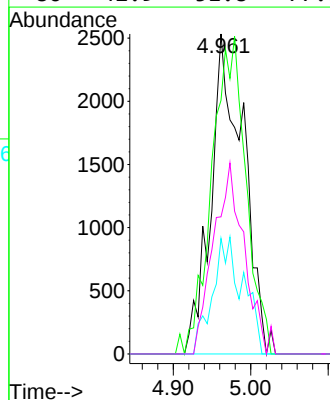
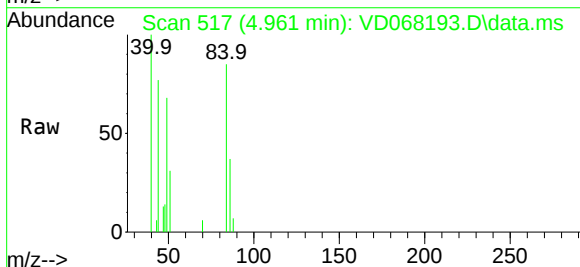
Instrument :
MSVOA_D
ClientSampled :

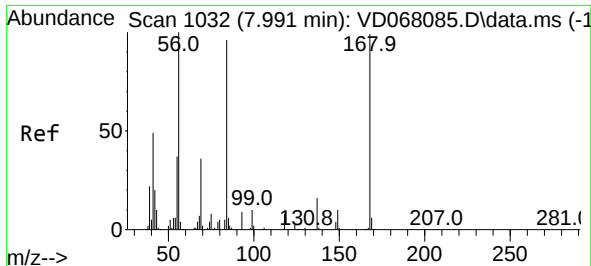
Tgt Ion:168 Resp: 521811
Ion Ratio Lower Upper
168 100
99 57.6 43.5 65.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Tgt Ion: 84 Resp: 7383
Ion Ratio Lower Upper
84 100
49 79.3 77.4 116.2
51 36.1 26.1 39.1
86 42.9 51.8 77.8#

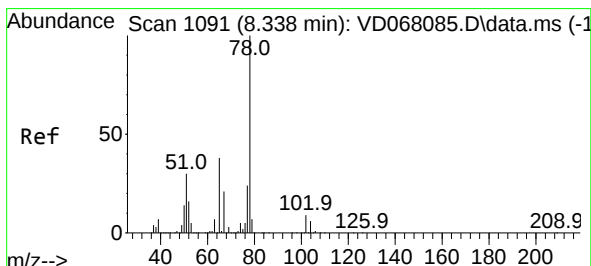
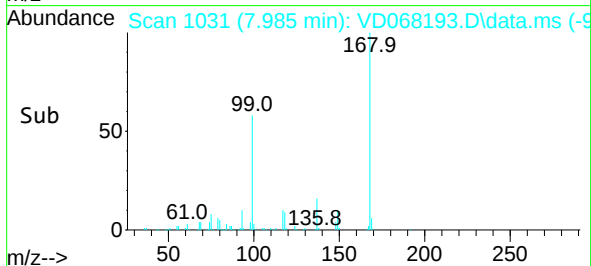
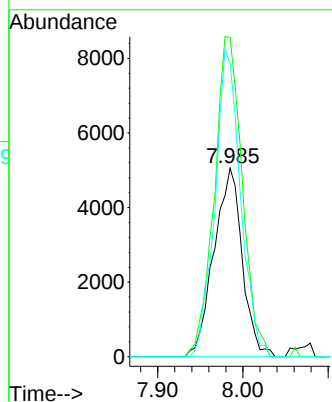
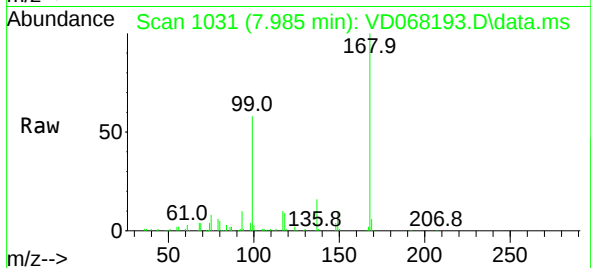




#31
Cyclohexane
Concen: 1.08 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

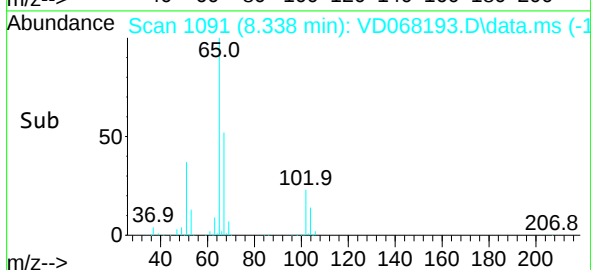
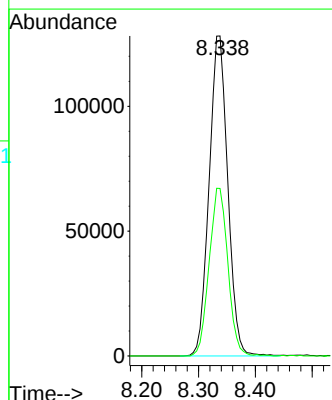
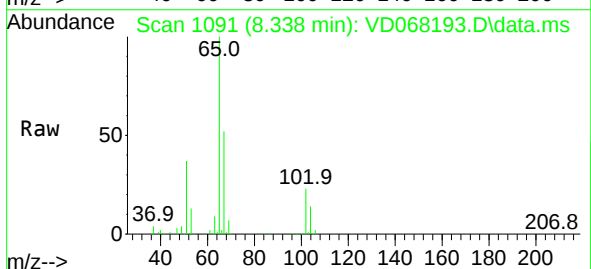
Instrument :
MSVOA_D
ClientSampled :

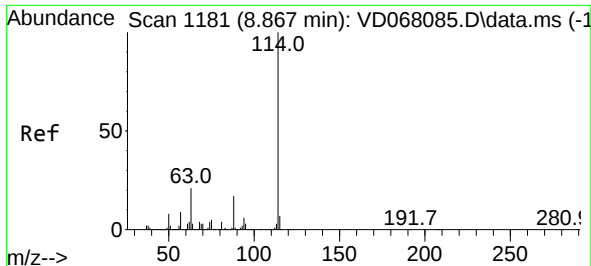
Tgt Ion: 56 Resp: 11633
Ion Ratio Lower Upper
56 100
69 169.5 30.1 45.1#
84 155.6 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 58.37 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Tgt Ion: 65 Resp: 291346
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

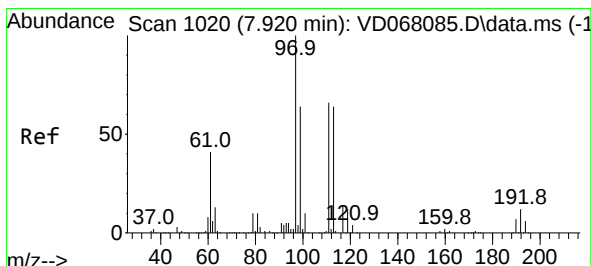
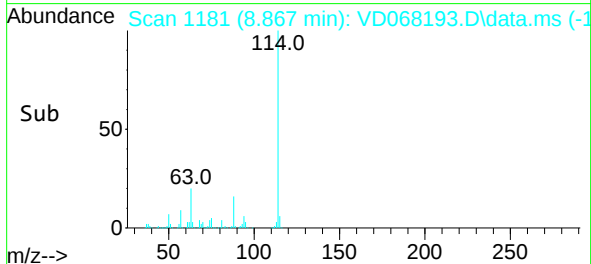
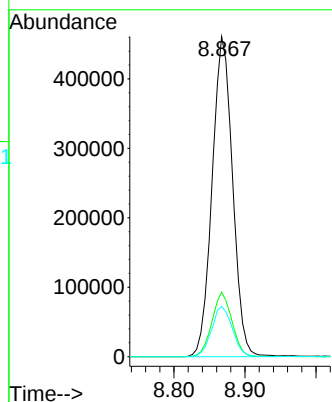
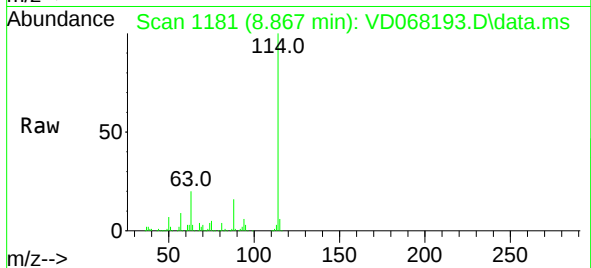




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

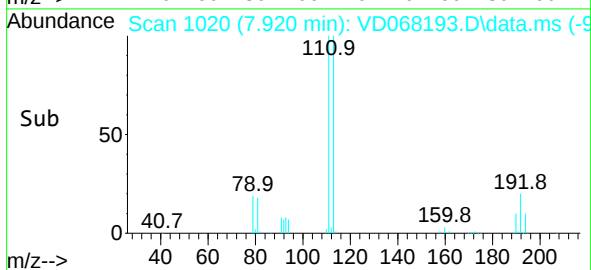
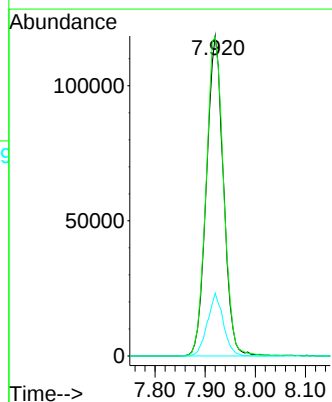
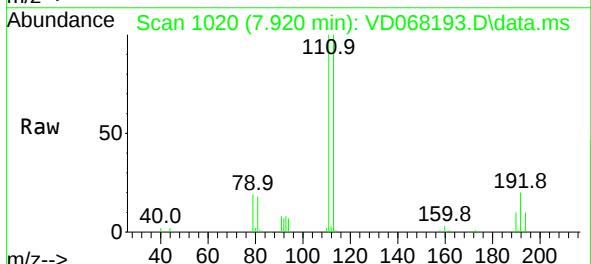
Instrument :
MSVOA_D
ClientSampled :

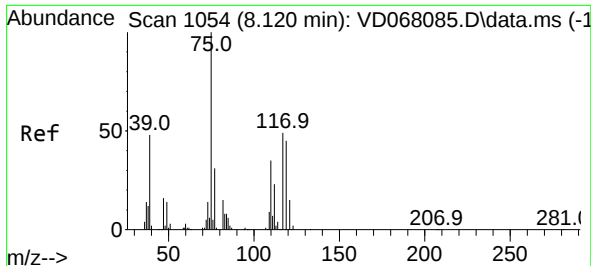
Tgt Ion:114 Resp: 920803
Ion Ratio Lower Upper
114 100
63 20.2 0.0 34.8
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.72 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Tgt Ion:113 Resp: 278545
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.4 16.1 24.1

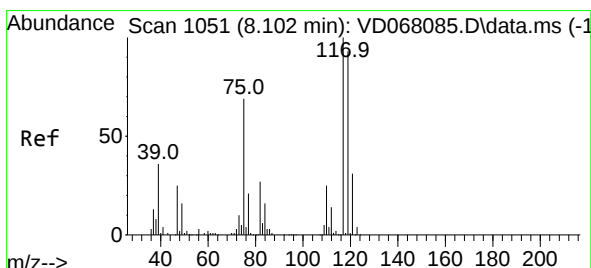
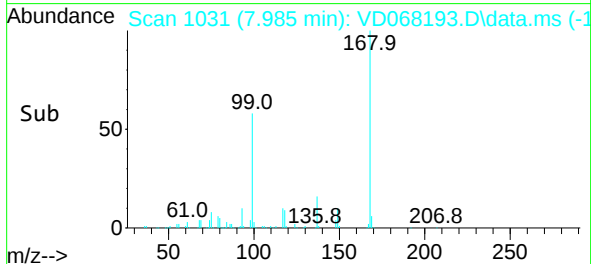
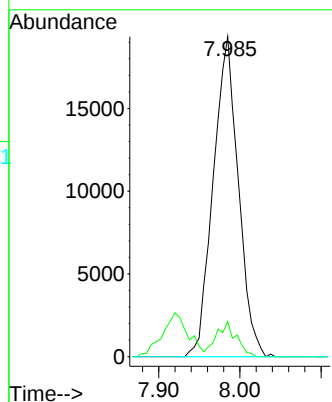
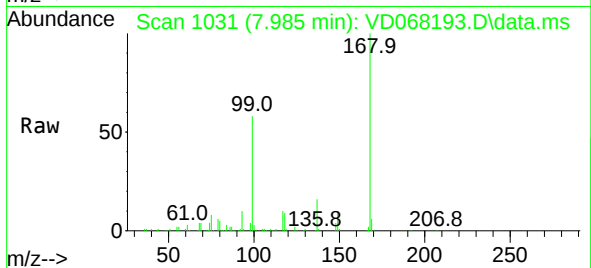




#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

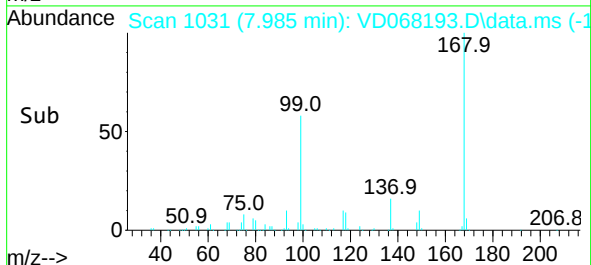
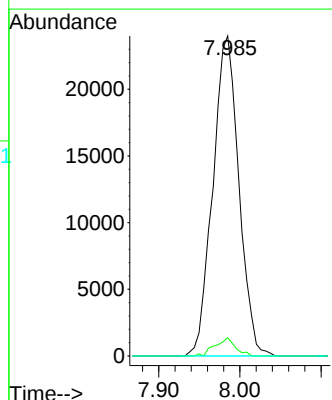
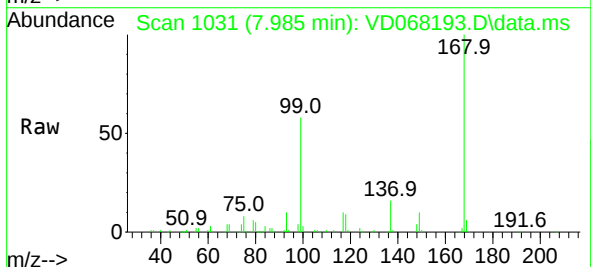
Instrument :
MSVOA_D
ClientSampled :

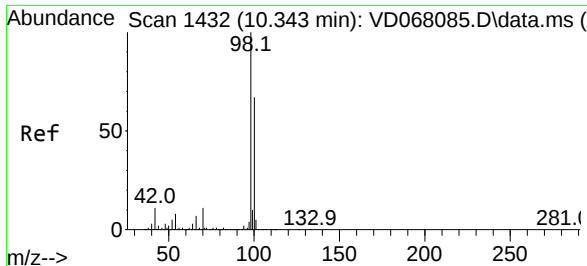
Tgt Ion: 75 Resp: 41539
Ion Ratio Lower Upper
75 100
110 8.7 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Tgt Ion: 117 Resp: 53461
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.7 37.1#

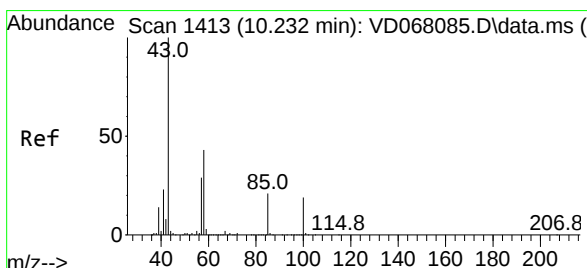
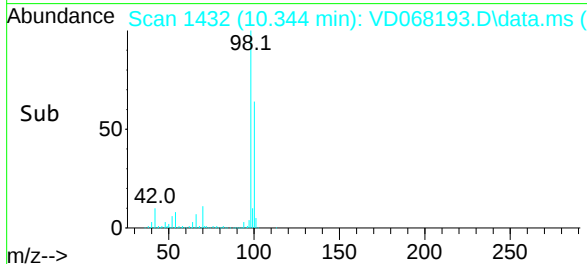
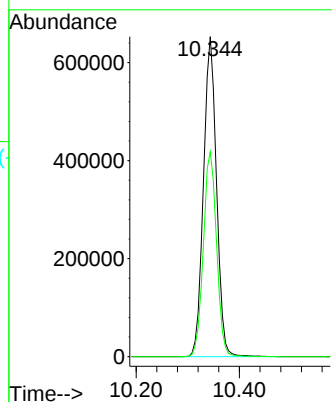
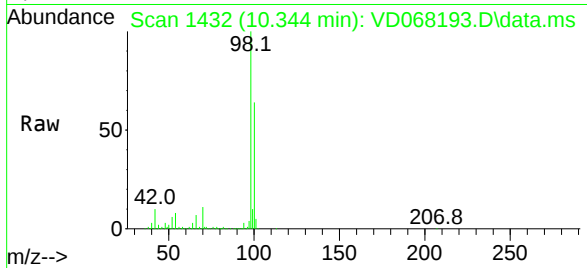




#50
Toluene-d8
Concen: 56.13 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

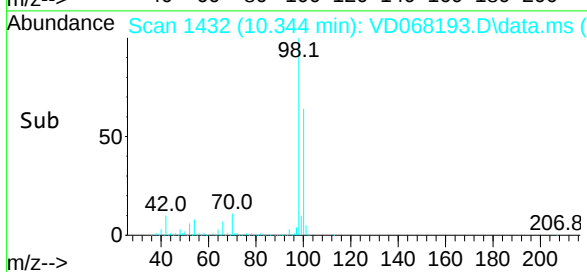
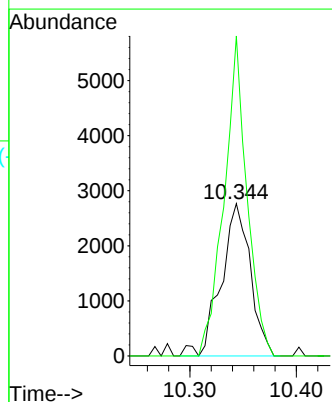
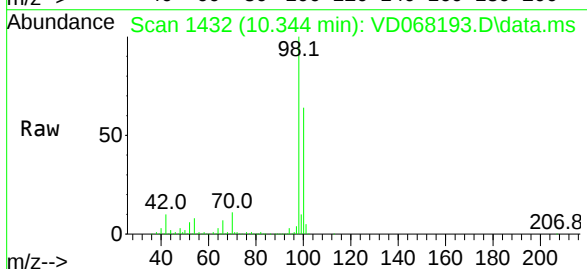
Instrument :
MSVOA_D
ClientSampled :

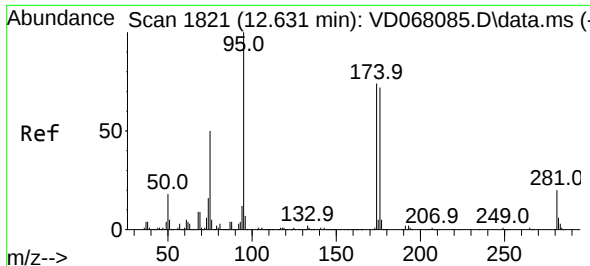
Tgt Ion: 98 Resp: 1142916
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.66 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Tgt Ion: 43 Resp: 5283
Ion Ratio Lower Upper
43 100
58 164.5 36.1 54.1#

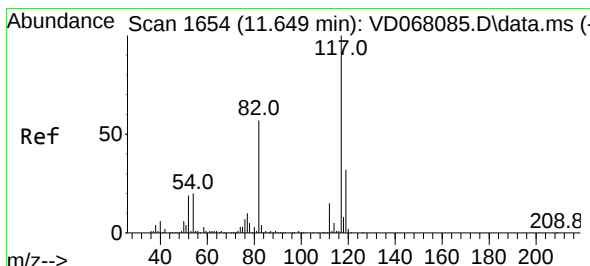
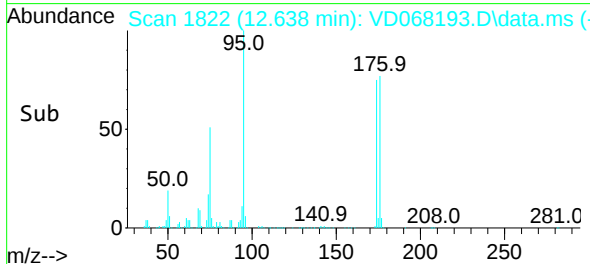
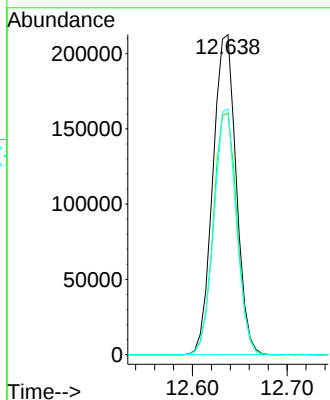
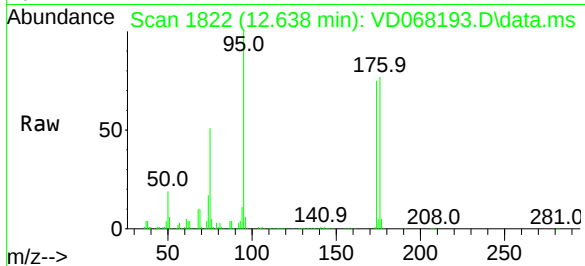




#62
4-Bromofluorobenzene
Concen: 49.56 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

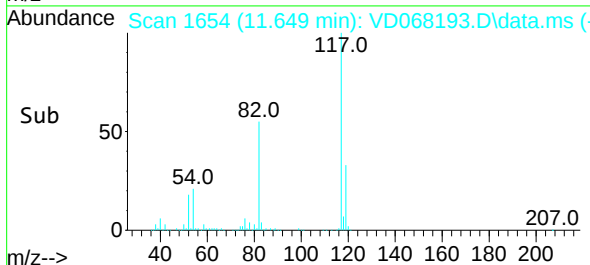
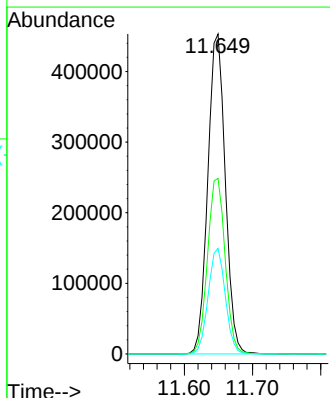
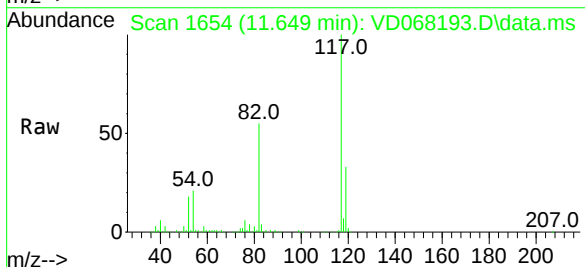
Instrument :
MSVOA_D
ClientSampled :

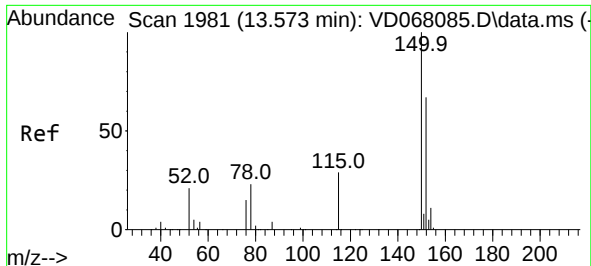
Tgt Ion: 95 Resp: 363446
Ion Ratio Lower Upper
95 100
174 76.3 0.0 172.4
176 74.7 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

Tgt Ion: 117 Resp: 808422
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.0
119 33.0 26.1 39.1

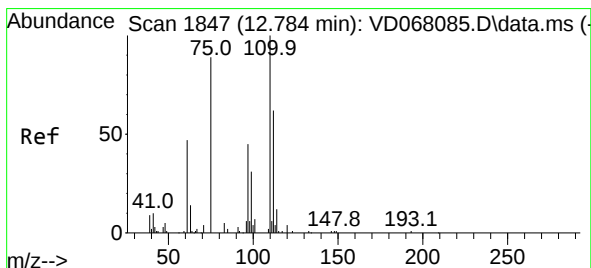
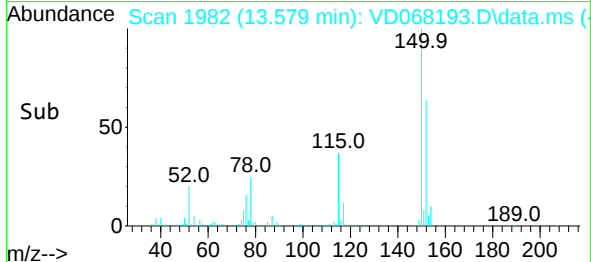
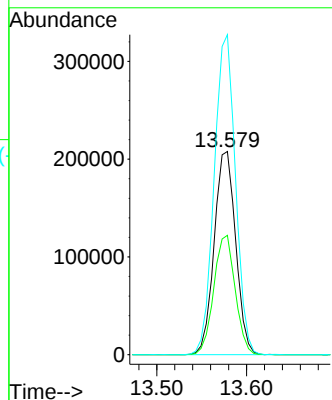
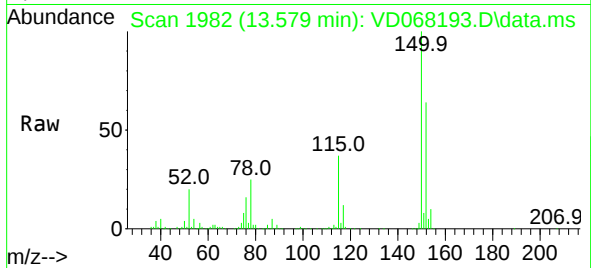




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

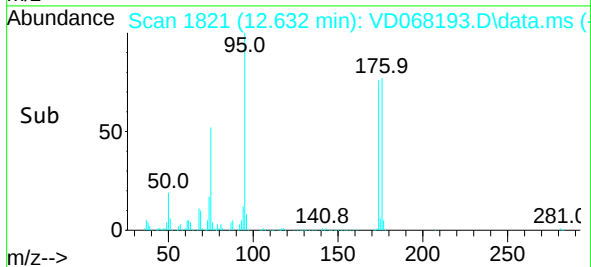
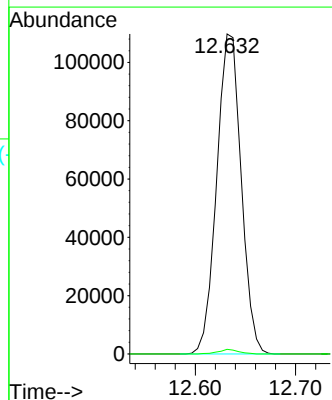
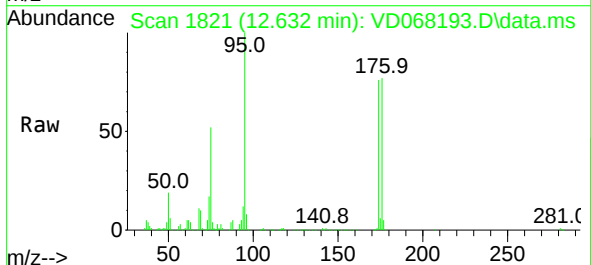
Instrument :
MSVOA_D
ClientSampleId :

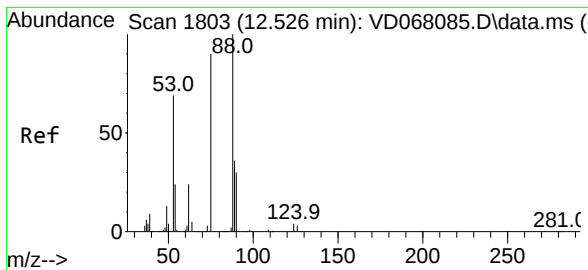
Tgt Ion:152 Resp: 346062
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 155.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 55.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068193.D
Acq: 26 Jan 2021 18:23

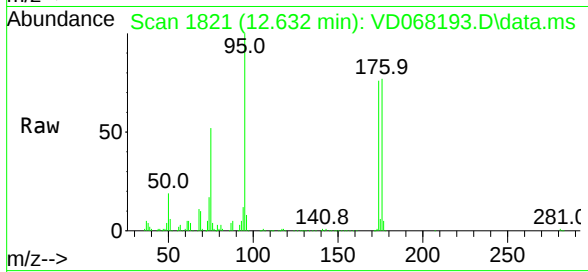
Tgt Ion: 75 Resp: 185814
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.37 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068193.D
 Acq: 26 Jan 2021 18:23

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 185814
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.1 40.3 60.5#

