

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
 Data File : VD068201.D
 Acq On : 27 Jan 2021 13:54
 Operator : VA/SY
 Sample : M1190-01RE
 Misc : 4.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 23:57:46 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)

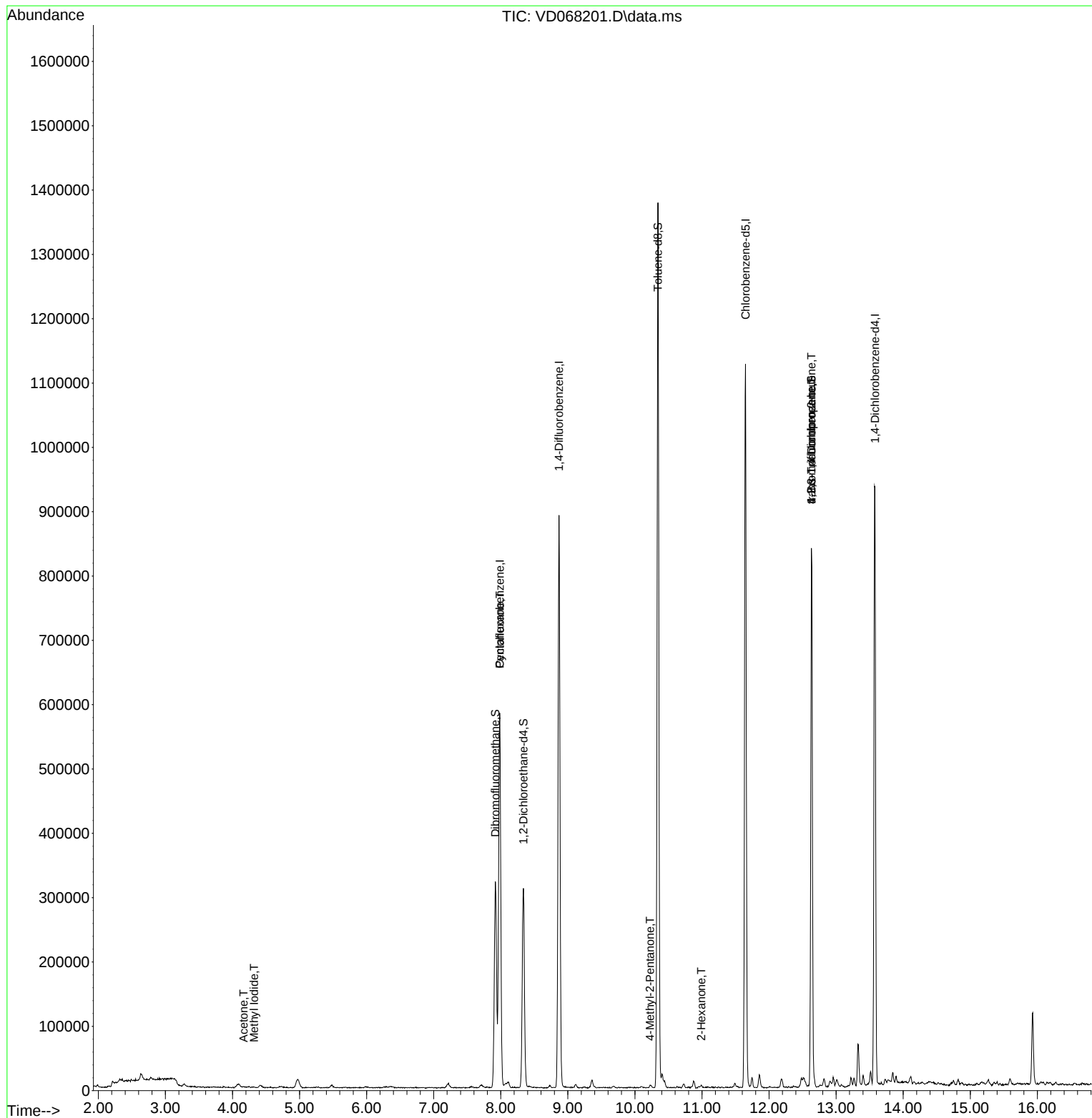
Internal Standards						
1) Pentafluorobenzene	7.985	168	435382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	784829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	667477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	257869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	249381	59.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.76%
35) Dibromofluoromethane	7.920	113	231344	53.32	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.64%
50) Toluene-d8	10.344	98	942039	54.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.56%
62) 4-Bromofluorobenzene	12.632	95	295915	47.35	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.70%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.320	142	1822	3.48	ug/l #	65
11) Tert butyl alcohol	5.209	59	1271	Below	Cal #	74
16) Acetone	4.167	43	3484	4.68	ug/l	96
20) Methylene Chloride	4.967	84	11630	Below	Cal	96
31) Cyclohexane	7.985	56	14307	1.59	ug/l #	49
51) 4-Methyl-2-Pentanone	10.226	43	3882	1.43	ug/l #	76
59) 2-Hexanone	10.991	43	2213	1.18	ug/l	78
76) 1,2,3-Trichloropropane	12.632	75	148659	59.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	148659	120.65	ug/l #	13

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

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MSVOA_D
ClientSampleId :

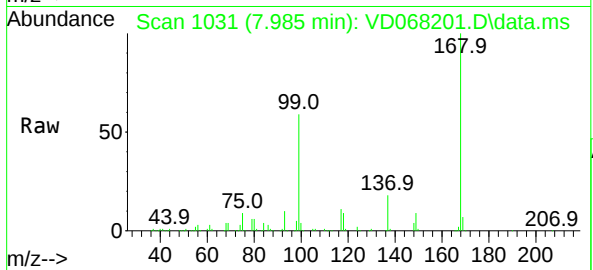
Quant Time: Jan 27 23:57:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration



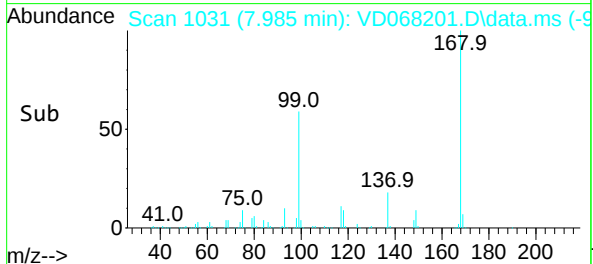
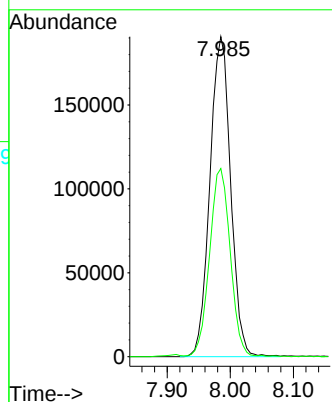


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

Instrument :
MSVOA_D
ClientSampled :

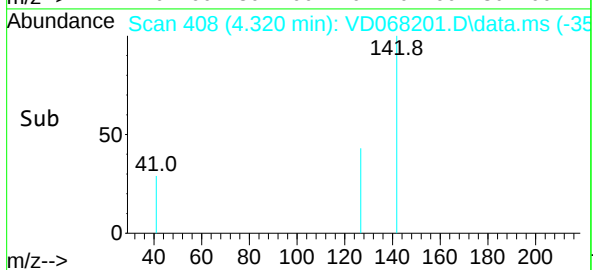
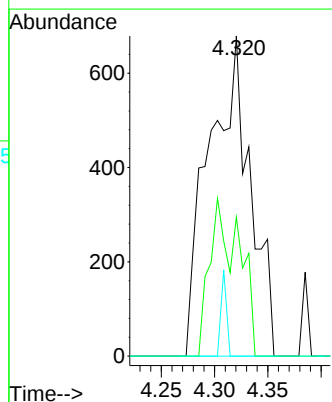
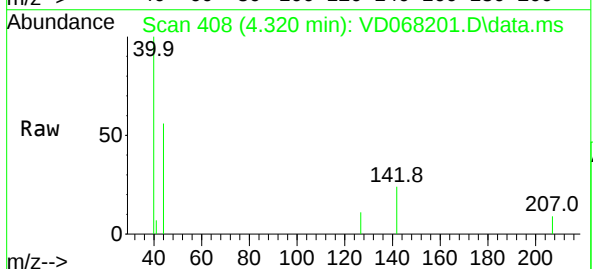


Tgt Ion:168 Resp: 435382
Ion Ratio Lower Upper
168 100
99 58.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.48 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.012 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

Tgt Ion:142 Resp: 1822
Ion Ratio Lower Upper
142 100
127 21.8 37.9 56.9#
141 3.6 11.5 17.3#

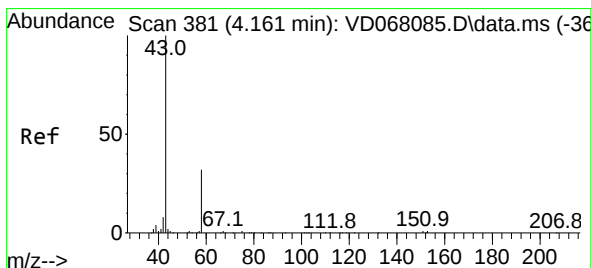
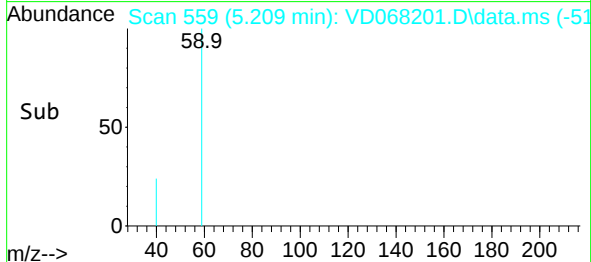
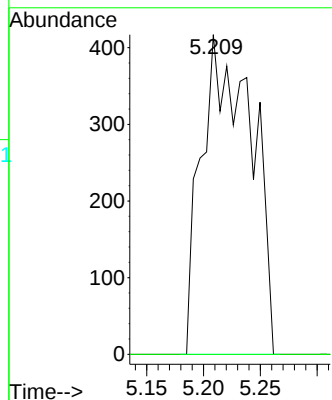
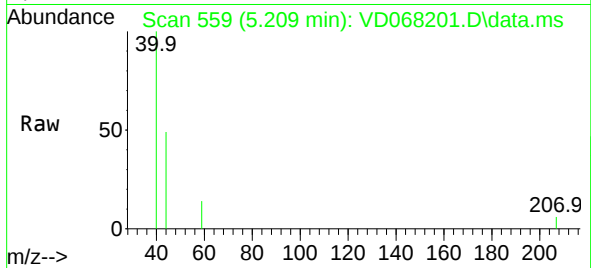




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

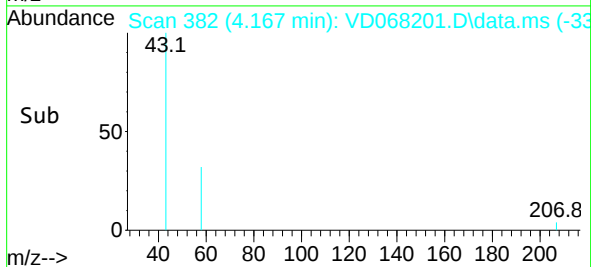
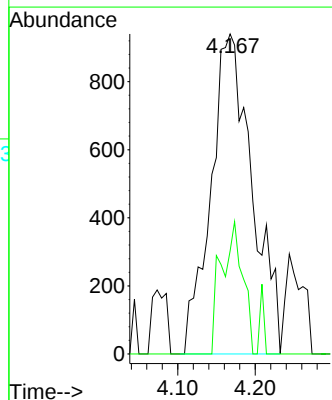
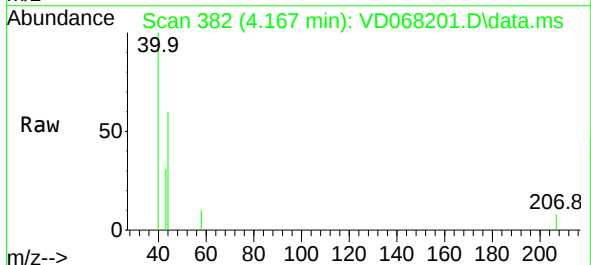
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 59 Resp: 1271
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 4.68 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

Tgt Ion: 43 Resp: 3484
Ion Ratio Lower Upper
43 100
58 32.2 24.2 36.4





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

Lab File: VD068201.D

Acq: 27 Jan 2021 13:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 84 Resp: 11630

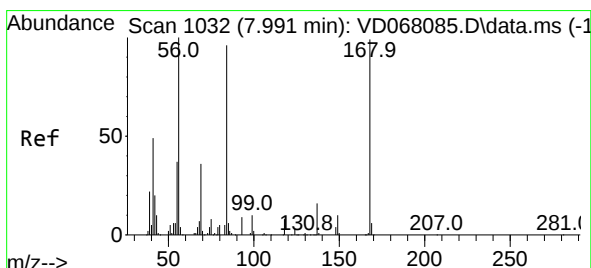
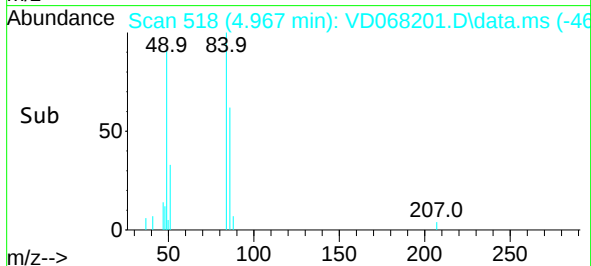
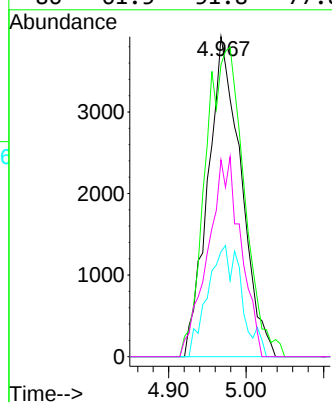
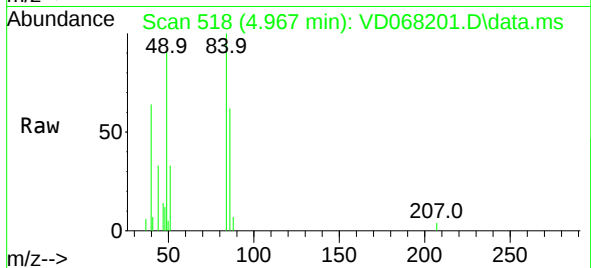
Ion Ratio Lower Upper

84 100

49 91.2 77.4 116.2

51 32.8 26.1 39.1

86 61.5 51.8 77.8



#31

Cyclohexane

Concen: 1.59 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD068201.D

Acq: 27 Jan 2021 13:54

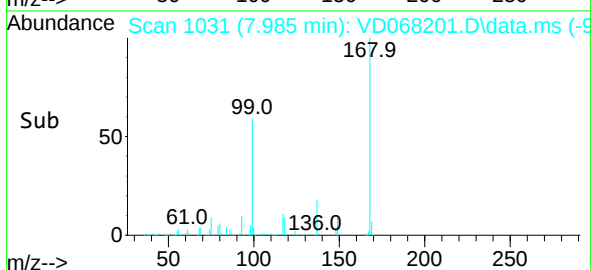
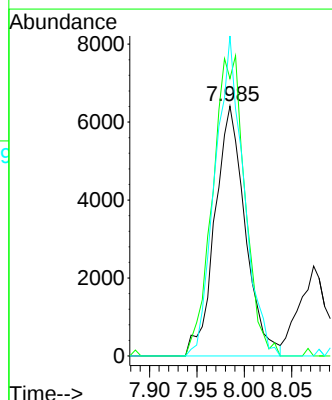
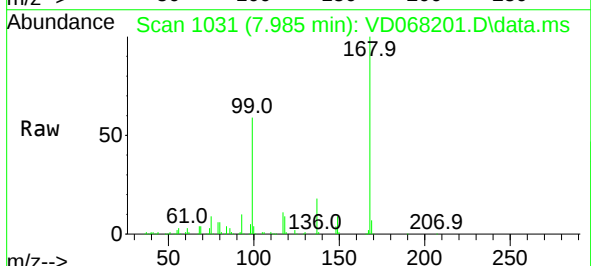
Tgt Ion: 56 Resp: 14307

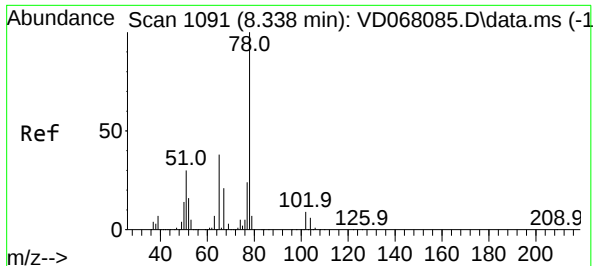
Ion Ratio Lower Upper

56 100

69 111.0 30.1 45.1#

84 128.1 82.1 123.1#

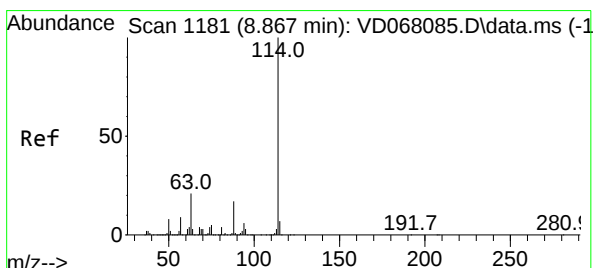
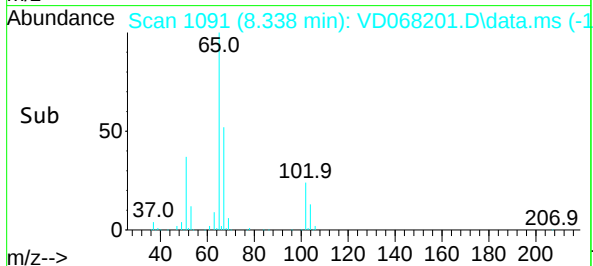
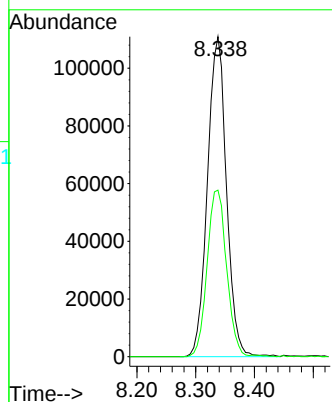
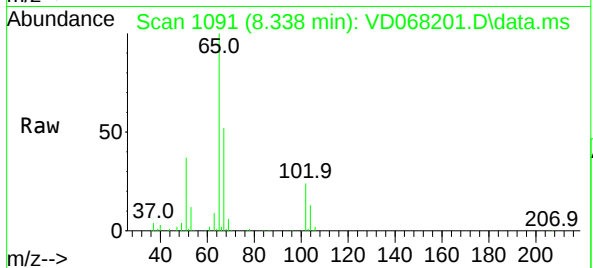




#33
1,2-Dichloroethane-d4
Concen: 59.88 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

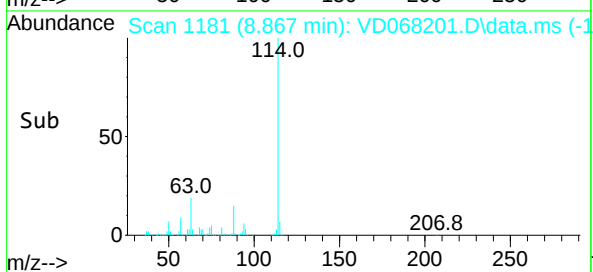
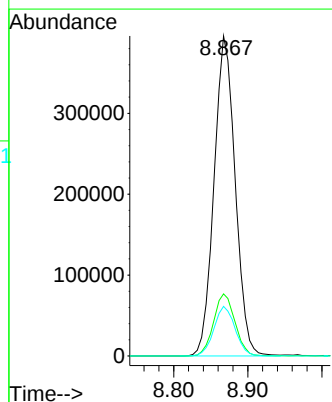
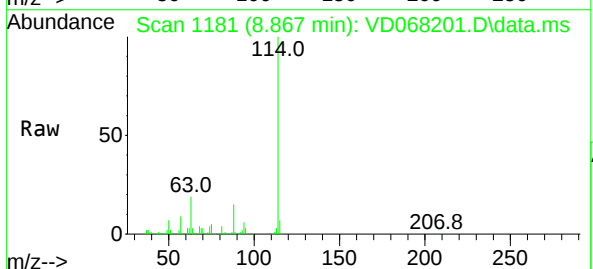
Instrument :
MSVOA_D
ClientSampleId :

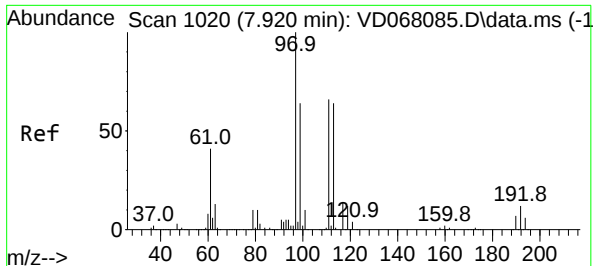
Tgt Ion: 65 Resp: 249381
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

Tgt Ion: 114 Resp: 784829
Ion Ratio Lower Upper
114 100
63 19.4 0.0 34.8
88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.32 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068201.D

Acq: 27 Jan 2021 13:54

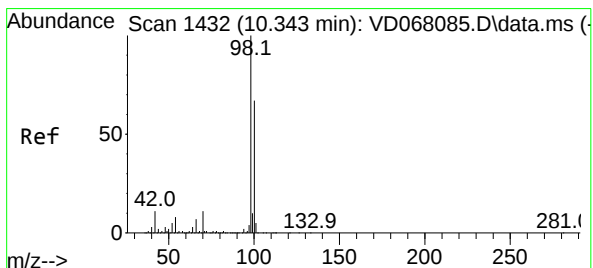
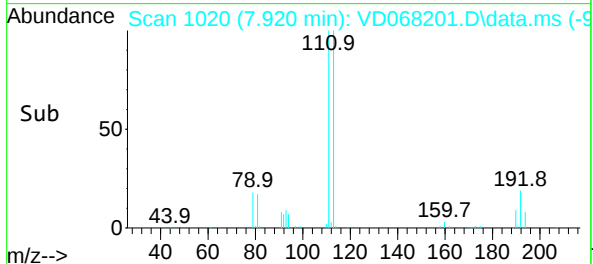
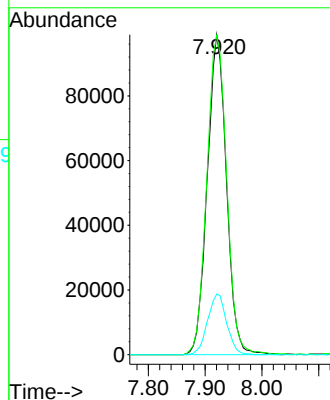
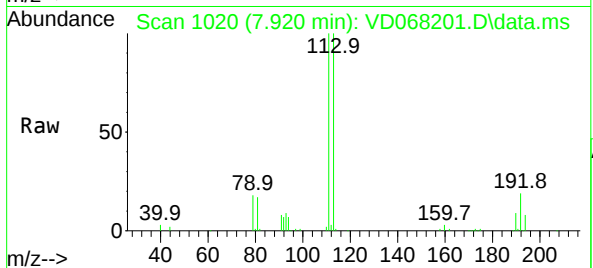
Tgt Ion:113 Resp: 231344

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 18.8 16.1 24.1



#50

Toluene-d8

Concen: 54.28 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068201.D

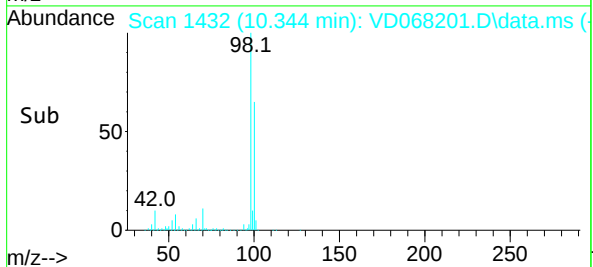
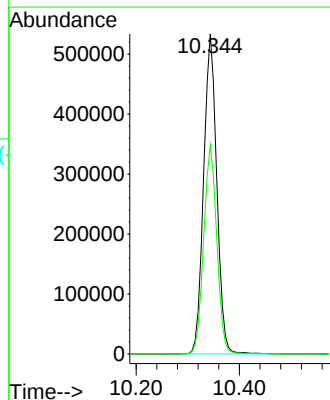
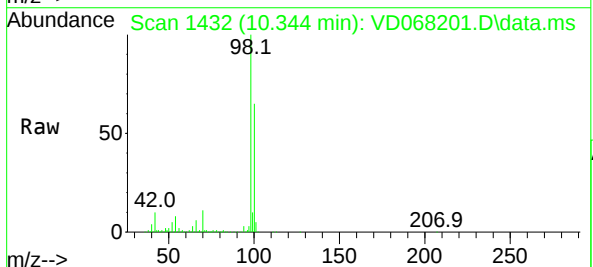
Acq: 27 Jan 2021 13:54

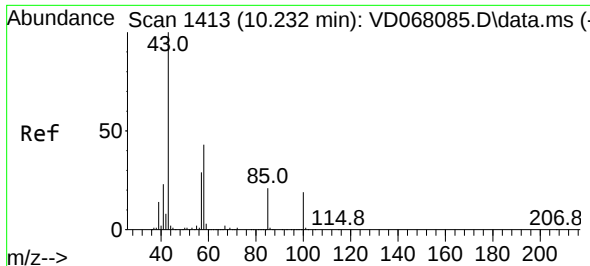
Tgt Ion: 98 Resp: 942039

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4

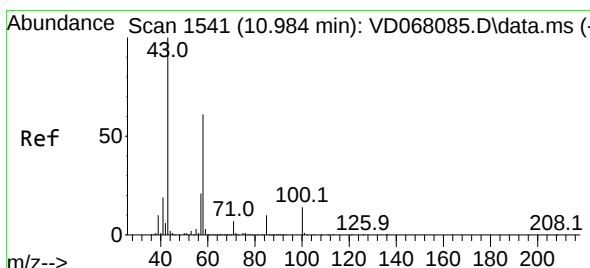
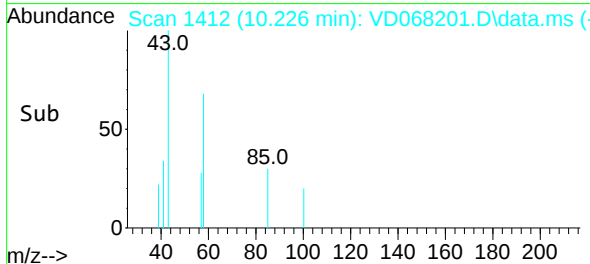
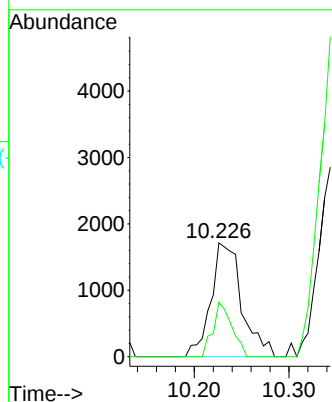
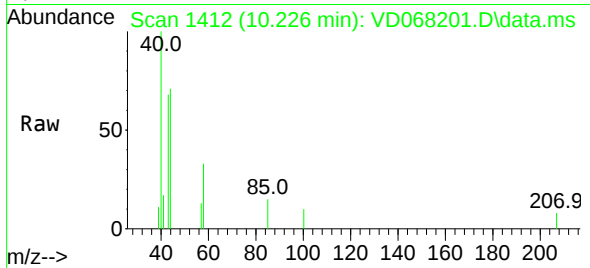




#51
4-Methyl-2-Pentanone
Concen: 1.43 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

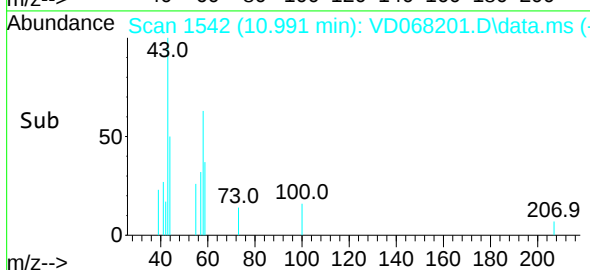
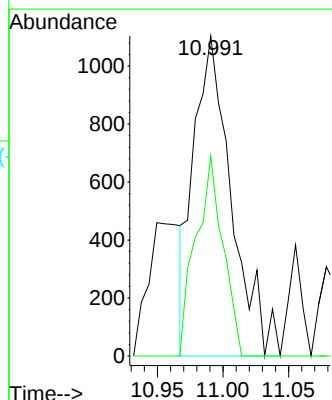
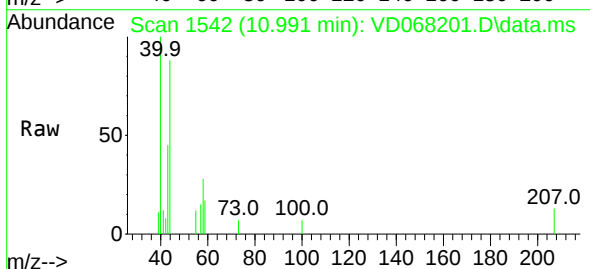
Instrument :
MSVOA_D
ClientSampled :

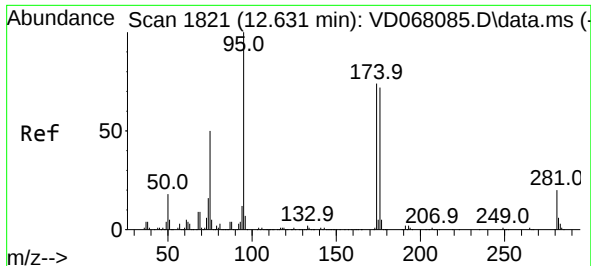
Tgt Ion: 43 Resp: 3882
Ion Ratio Lower Upper
43 100
58 29.3 36.1 54.1#



#59
2-Hexanone
Concen: 1.18 ug/l
RT: 10.991 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
58 44.9 31.0 93.0

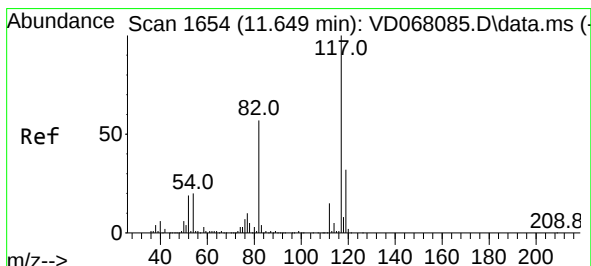
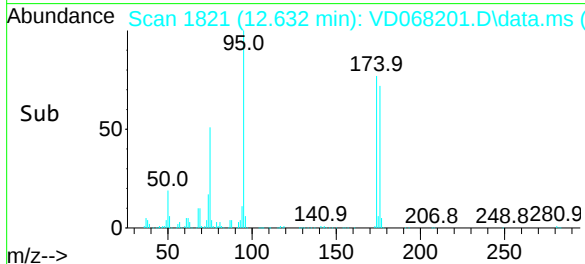
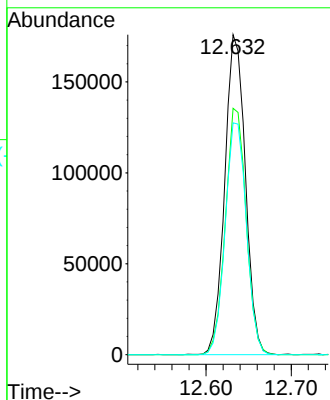
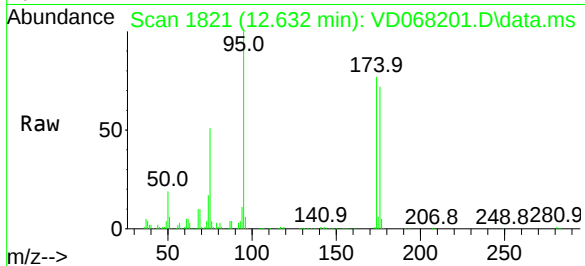




#62
4-Bromofluorobenzene
Concen: 47.35 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

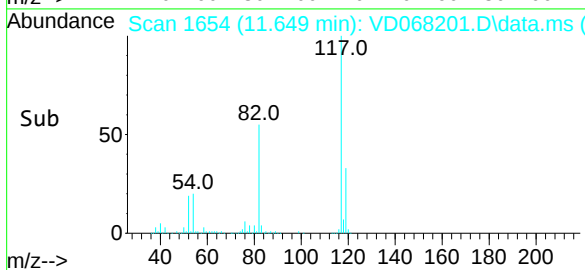
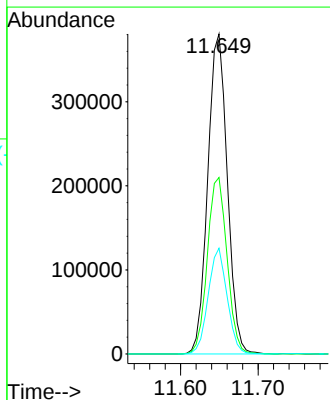
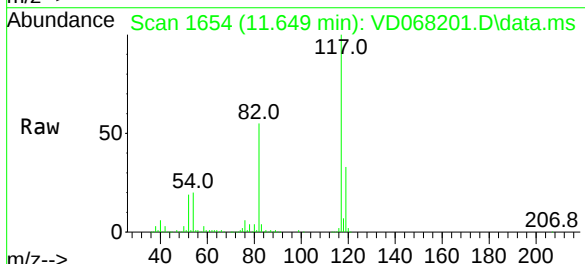
Instrument :
MSVOA_D
ClientSampled :

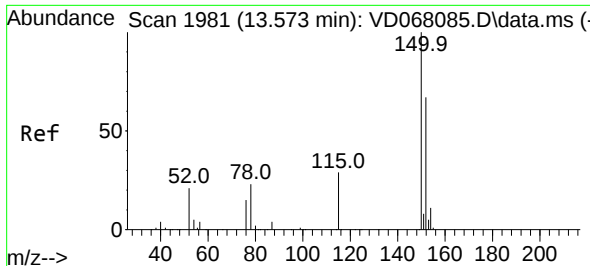
Tgt Ion: 95 Resp: 295915
Ion Ratio Lower Upper
95 100
174 77.6 0.0 172.4
176 74.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

Tgt Ion: 117 Resp: 667477
Ion Ratio Lower Upper
117 100
82 55.1 41.4 62.0
119 33.0 26.1 39.1

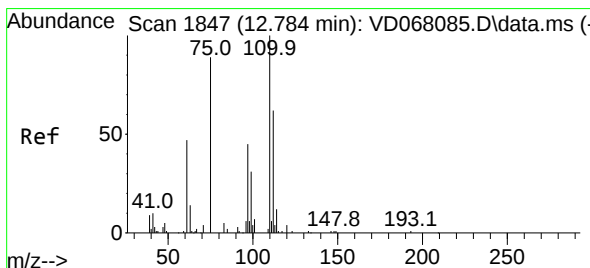
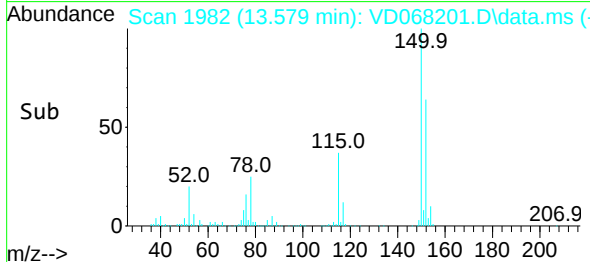
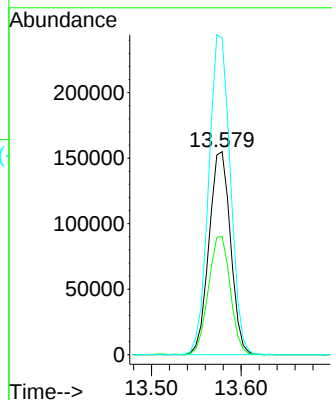
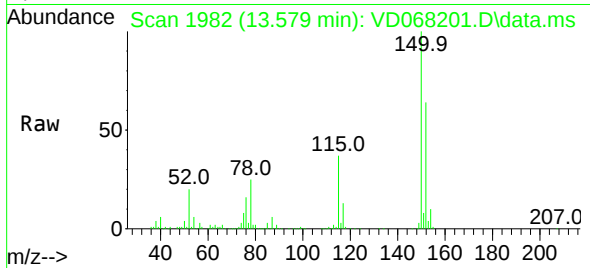




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

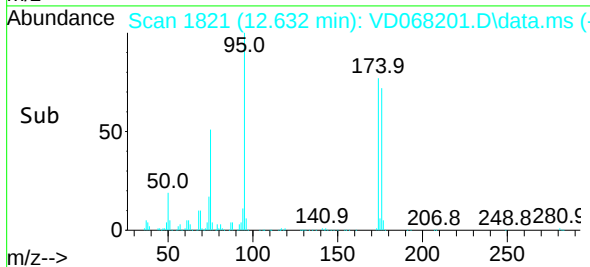
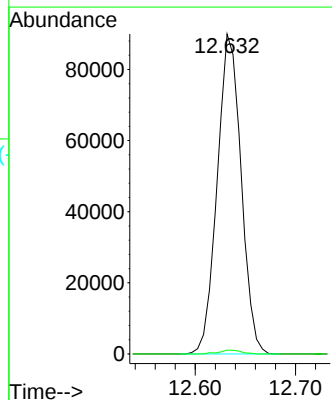
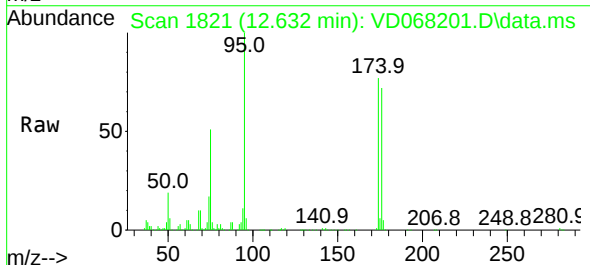
Instrument :
MSVOA_D
ClientSampleId :

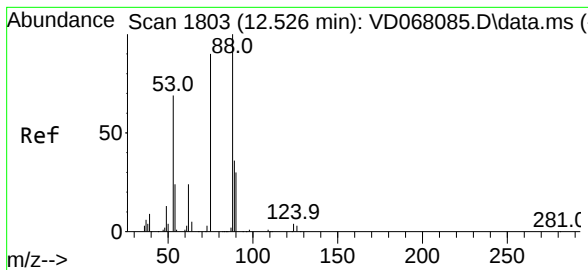
Tgt Ion:152 Resp: 257869
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.8
150 158.7 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 59.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068201.D
Acq: 27 Jan 2021 13:54

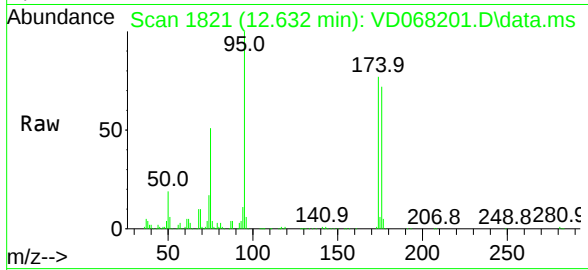
Tgt Ion: 75 Resp: 148659
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.65 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068201.D
 Acq: 27 Jan 2021 13:54

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 148659
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

