

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
 Data File : VD068333.D
 Acq On : 09 Feb 2021 17:13
 Operator : VA/SY
 Sample : M1345-01
 Misc : 6.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

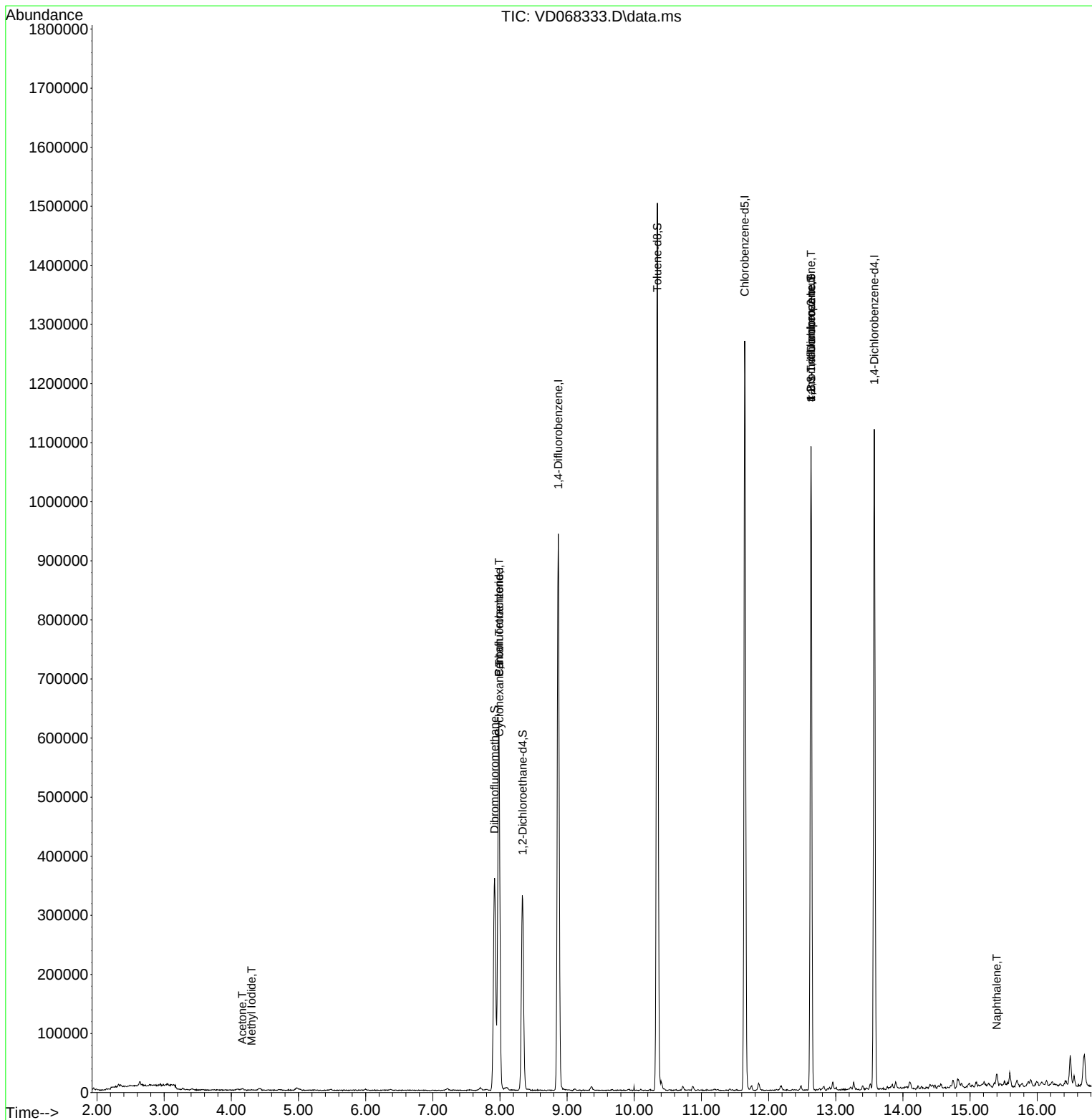
Quant Time: Feb 10 00:18:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	461455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	848844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	749128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	299323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	271031	61.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.80%
35) Dibromofluoromethane	7.920	113	259388	55.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.54%
50) Toluene-d8	10.344	98	1047627	55.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.62%
62) 4-Bromofluorobenzene	12.632	95	326225	48.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.52%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	483	3.24	ug/l #	52
11) Tert butyl alcohol	5.215	59	137	Below Cal	#	74
16) Acetone	4.162	43	5585	7.09	ug/l	92
20) Methylene Chloride	4.967	84	3127	Below Cal	#	81
31) Cyclohexane	7.991	56	11515	1.20	ug/l #	44
38) Carbon Tetrachloride	7.985	117	47890	5.98	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	165847	57.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	165847	115.96	ug/l #	14
95) Naphthalene	15.396	128	20306	1.80	ug/l	98

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

Quant Time: Feb 10 00:18:08 2021
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QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

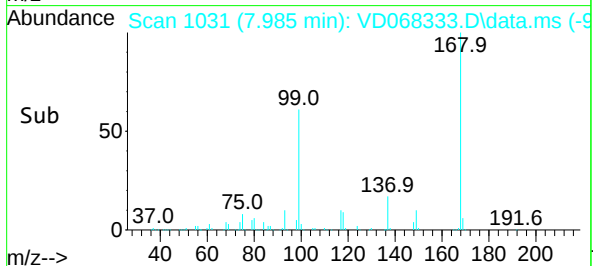
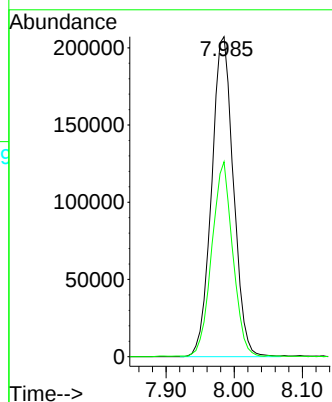
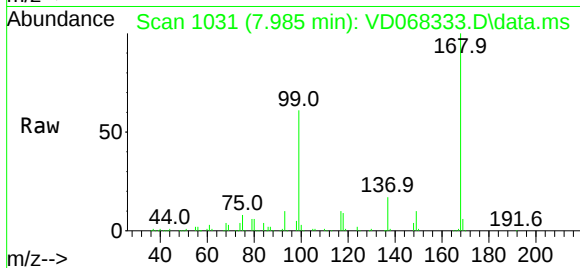




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

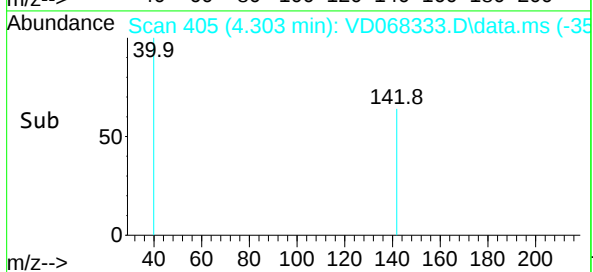
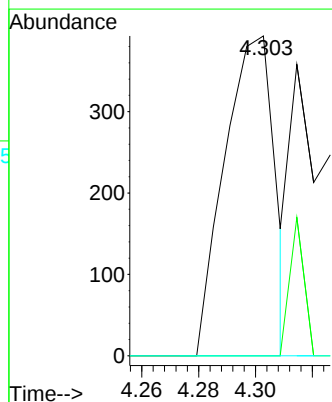
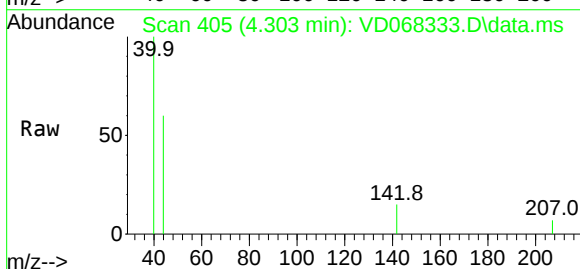
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 461455
Ion Ratio Lower Upper
168 100
99 60.7 43.5 65.3



#10
Methyl Iodide
Concen: 3.24 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

Tgt Ion:142 Resp: 483
Ion Ratio Lower Upper
142 100
127 12.4 37.9 56.9#
141 0.0 11.5 17.3#



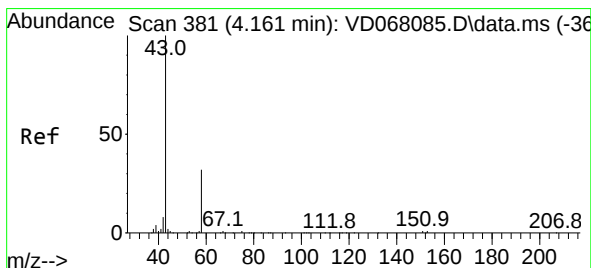
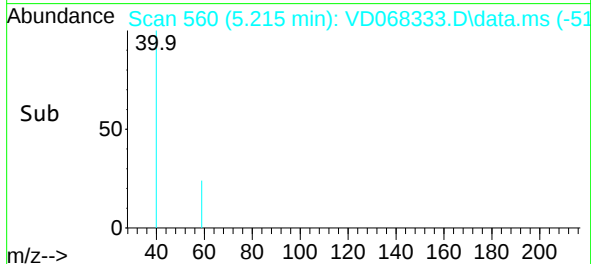
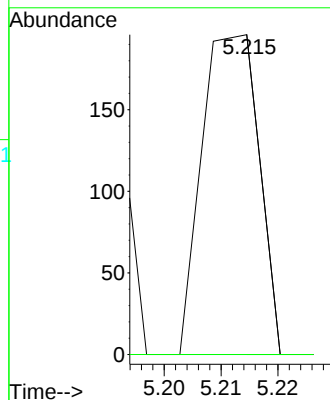
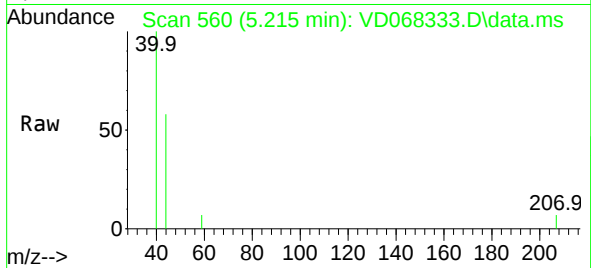


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

Instrument :
MSVOA_D
ClientSampleId :

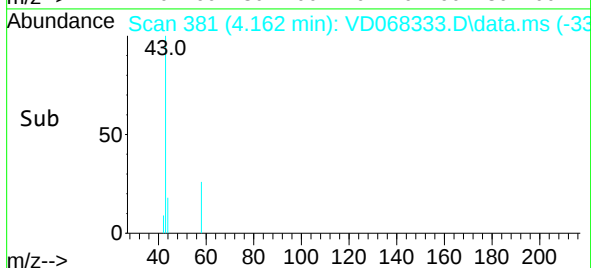
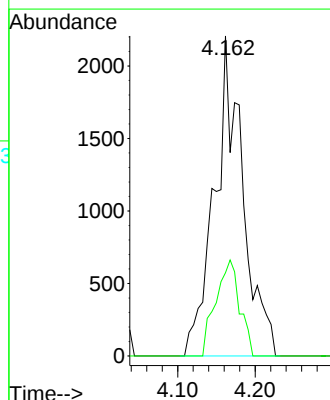
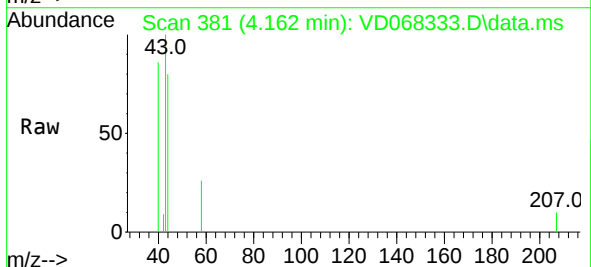
Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16

Acetone
Concen: 7.09 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

Tgt Ion: 43 Resp: 5585
Ion Ratio Lower Upper
43 100
58 26.0 24.2 36.4





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

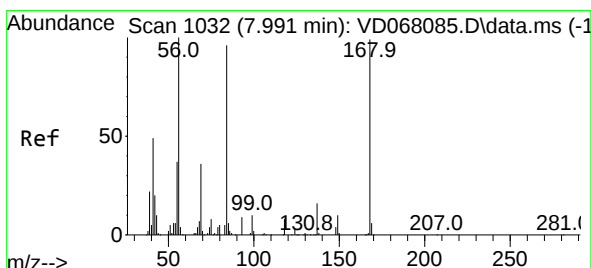
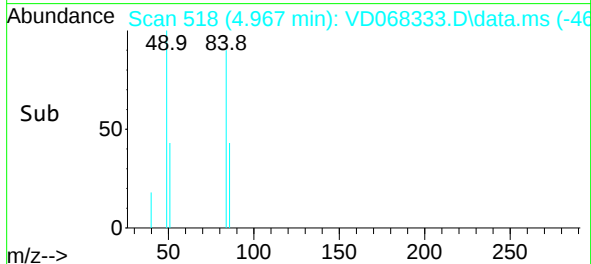
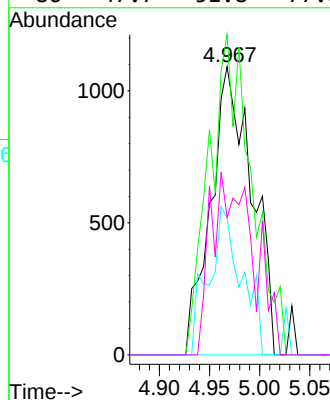
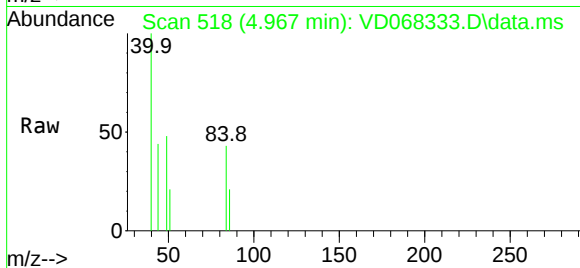
Delta R.T. -0.006 min

Lab File: VD068333.D

Acq: 09 Feb 2021 17:13

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:	84	Resp:	3127
Ion	Ratio	Lower	Upper
84	100		
49	111.1	77.4	116.2
51	47.6	26.1	39.1#
86	47.7	51.8	77.8#



#31

Cyclohexane

Concen: 1.20 ug/l

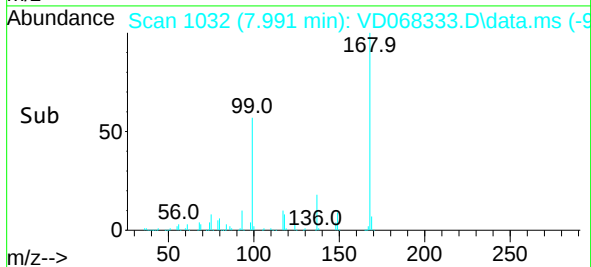
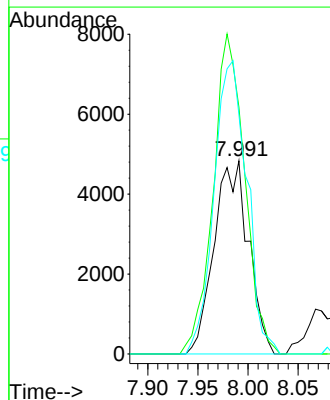
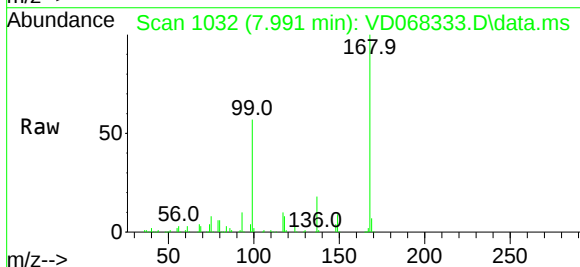
RT: 7.991 min Scan# 1032

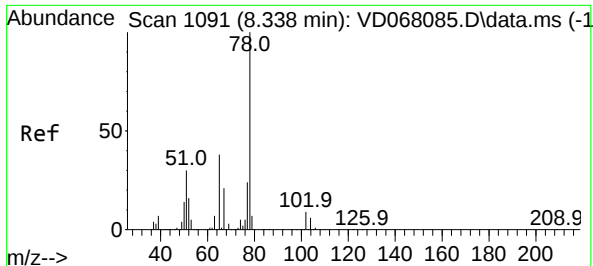
Delta R.T. 0.000 min

Lab File: VD068333.D

Acq: 09 Feb 2021 17:13

Tgt Ion:	56	Resp:	11515
Ion	Ratio	Lower	Upper
56	100		
69	127.8	30.1	45.1#
84	123.8	82.1	123.1#

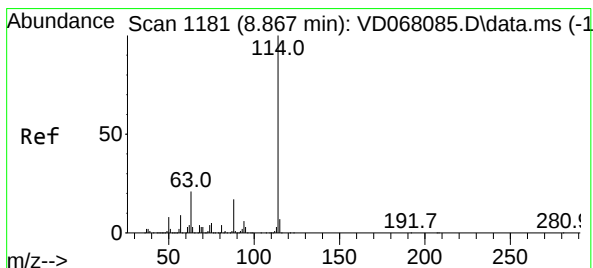
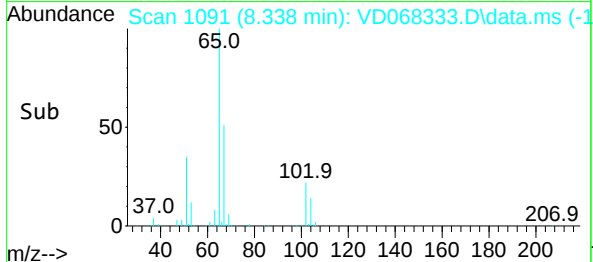
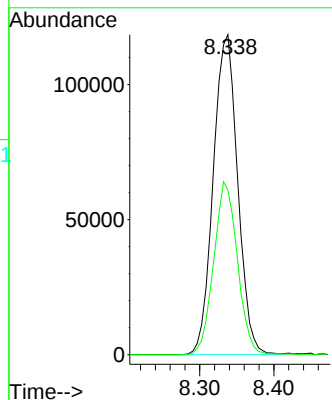
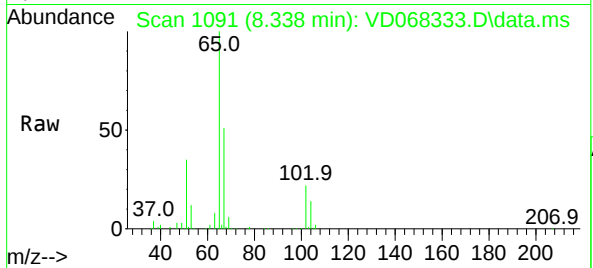




#33
1,2-Dichloroethane-d4
Concen: 61.40 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

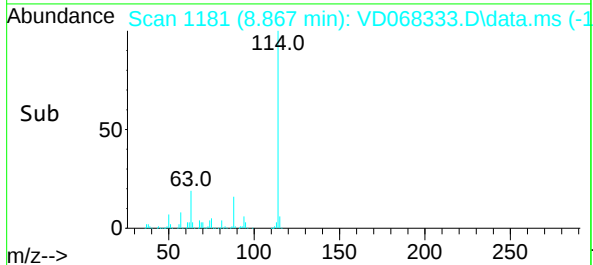
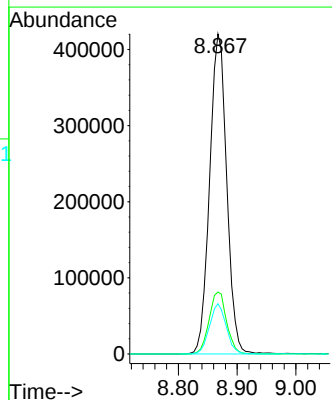
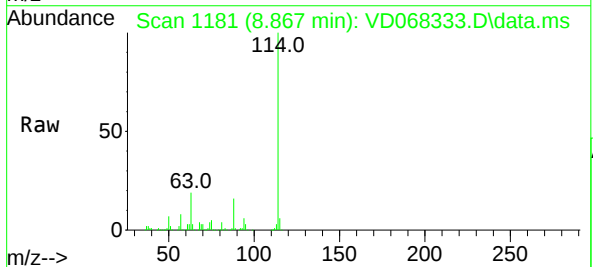
Instrument :
MSVOA_D
ClientSampled :

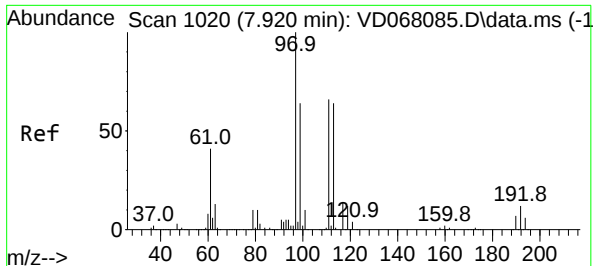
Tgt Ion: 65 Resp: 271031
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

Tgt Ion: 114 Resp: 848844
Ion Ratio Lower Upper
114 100
63 19.3 0.0 34.8
88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.27 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068333.D

Acq: 09 Feb 2021 17:13

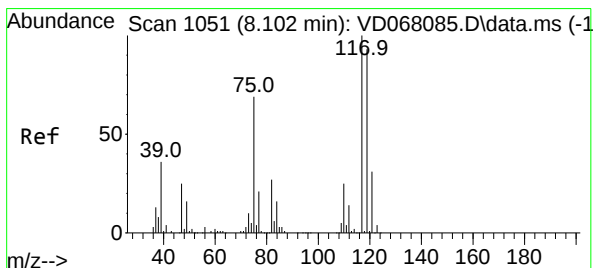
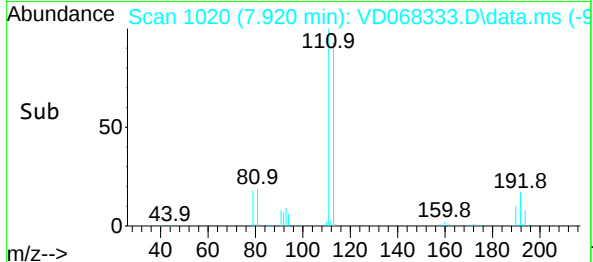
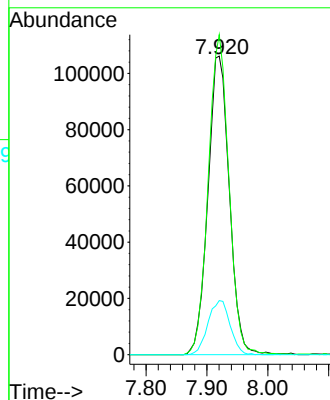
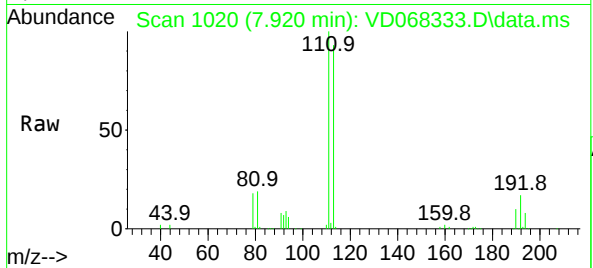
Tgt Ion:113 Resp: 259388

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.7 16.1 24.1



#38

Carbon Tetrachloride

Concen: 5.98 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.117 min

Lab File: VD068333.D

Acq: 09 Feb 2021 17:13

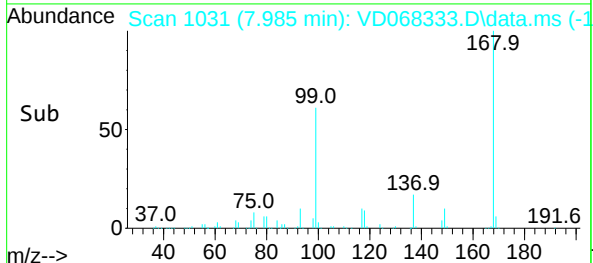
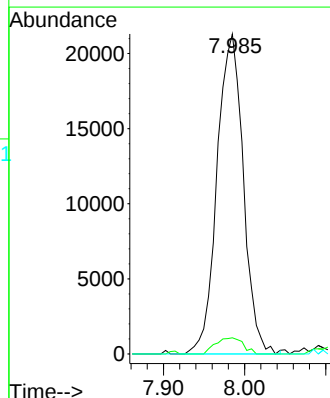
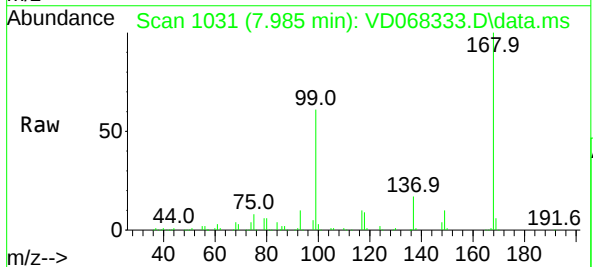
Tgt Ion:117 Resp: 47890

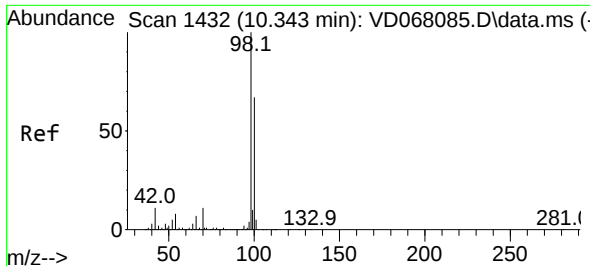
Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

121 0.0 24.7 37.1#

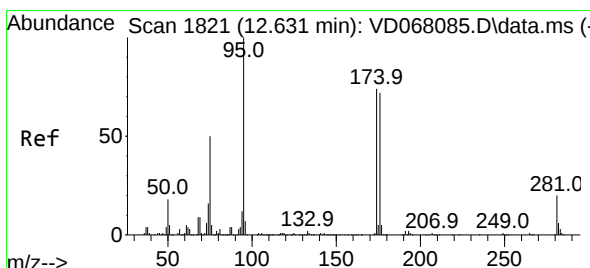
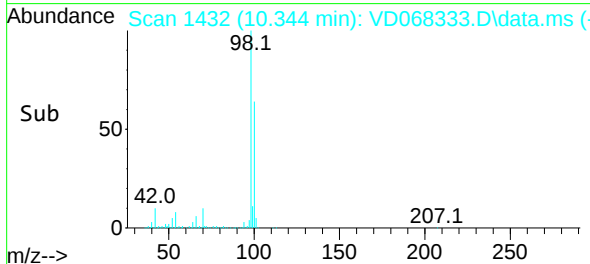
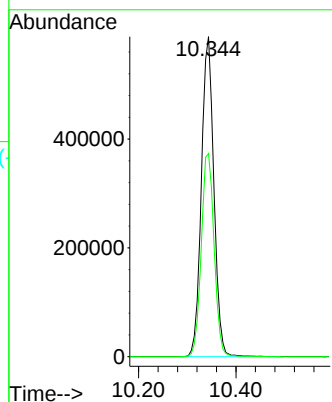
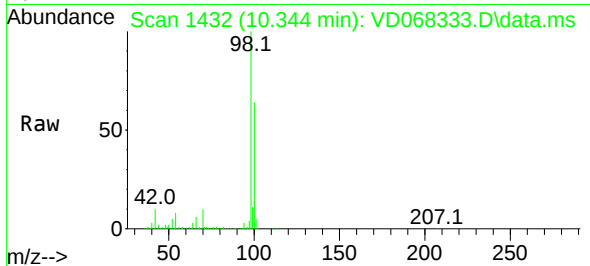




#50
Toluene-d8
Concen: 55.81 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

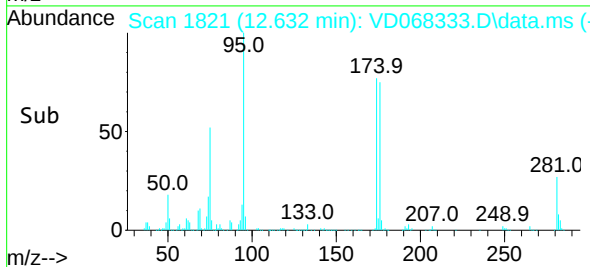
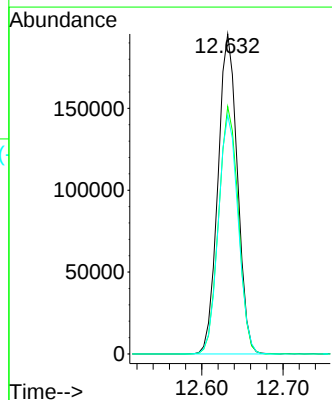
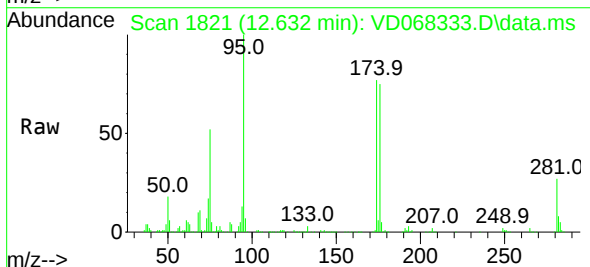
Instrument :
MSVOA_D
ClientSampled :

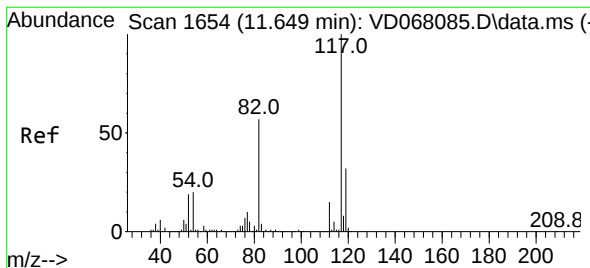
Tgt Ion: 98 Resp: 1047627
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.26 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

Tgt Ion: 95 Resp: 326225
Ion Ratio Lower Upper
95 100
174 77.8 0.0 172.4
176 75.9 0.0 168.4

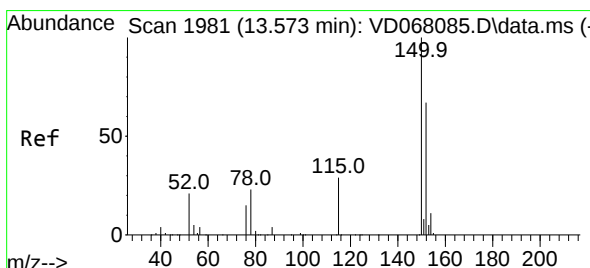
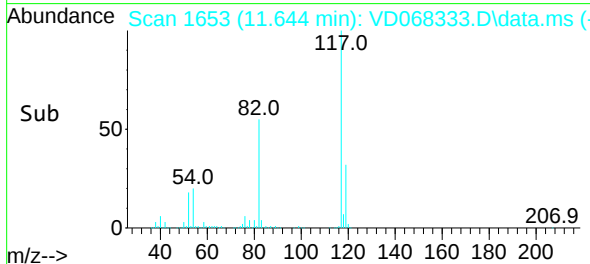
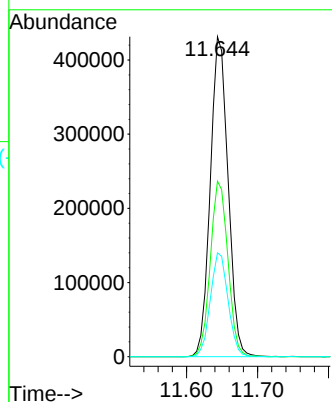
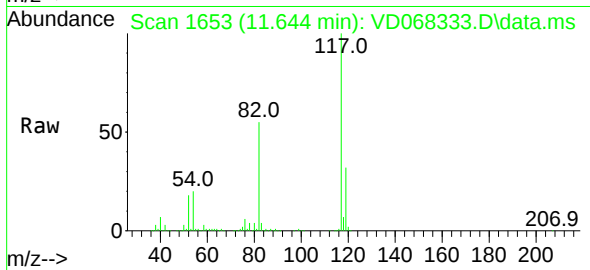




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

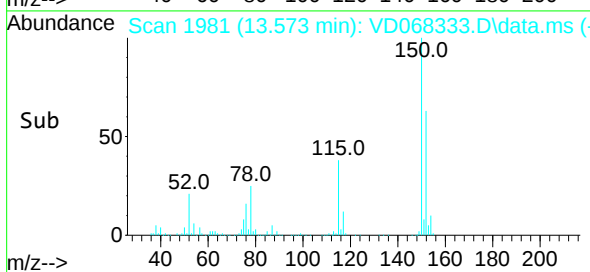
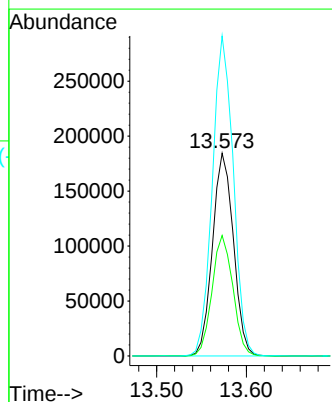
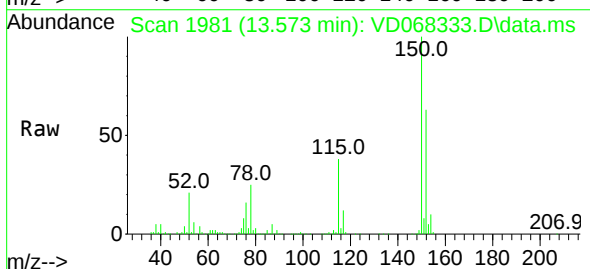
Instrument :
MSVOA_D
ClientSampled :

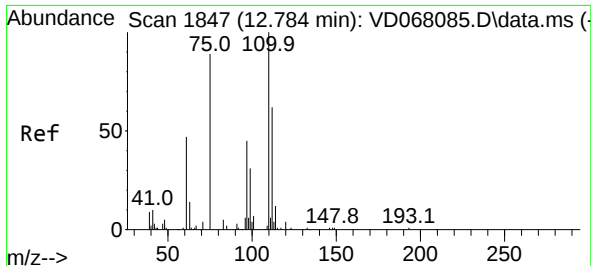
Tgt Ion:117 Resp: 749128
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.0
119 32.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

Tgt Ion:152 Resp: 299323
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 157.6 0.0 344.4

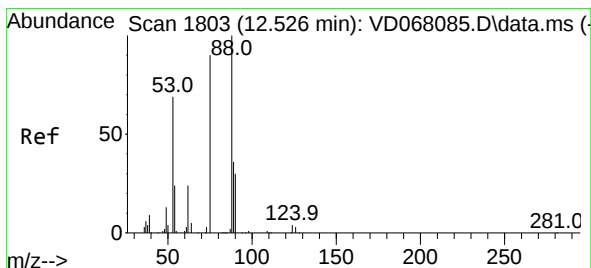
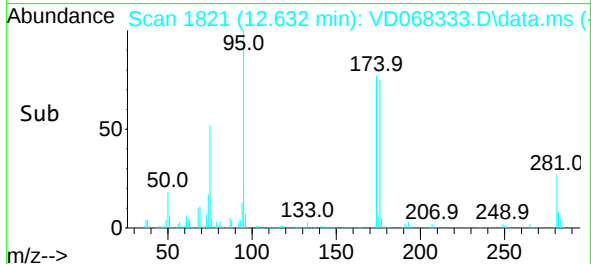
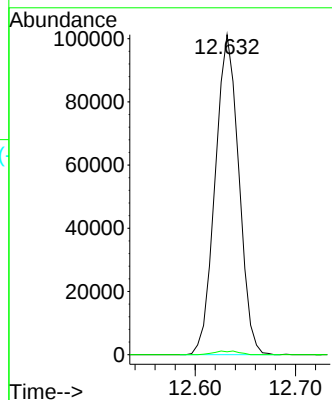
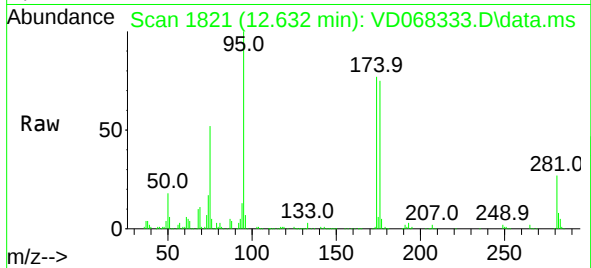




#76
1,2,3-Trichloropropane
Concen: 57.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

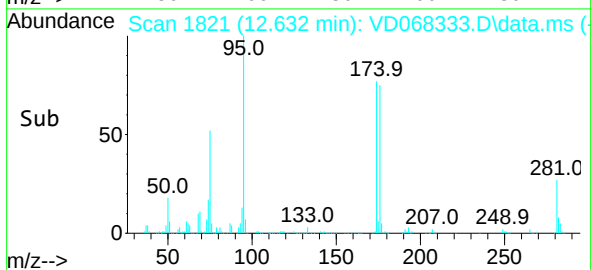
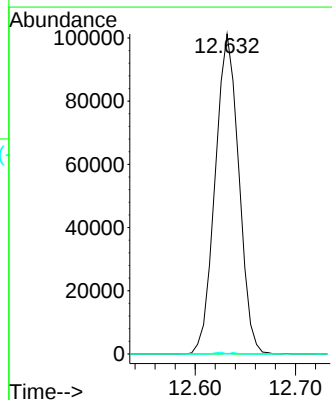
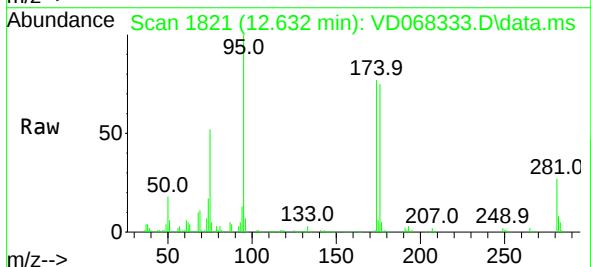
Instrument :
MSVOA_D
ClientSampleId :

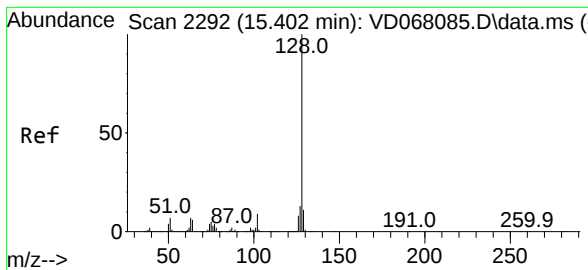
Tgt Ion: 75 Resp: 165847
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.96 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

Tgt Ion: 75 Resp: 165847
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.2 40.3 60.5#





#95
Naphthalene
Concen: 1.80 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068333.D
Acq: 09 Feb 2021 17:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	20306
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.2
129	12.2	8.8 13.2

