

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021521\
 Data File : VD068364.D
 Acq On : 15 Feb 2021 15:38
 Operator : VA/SY
 Sample : M1400-02
 Misc : 4.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 16 00:16:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

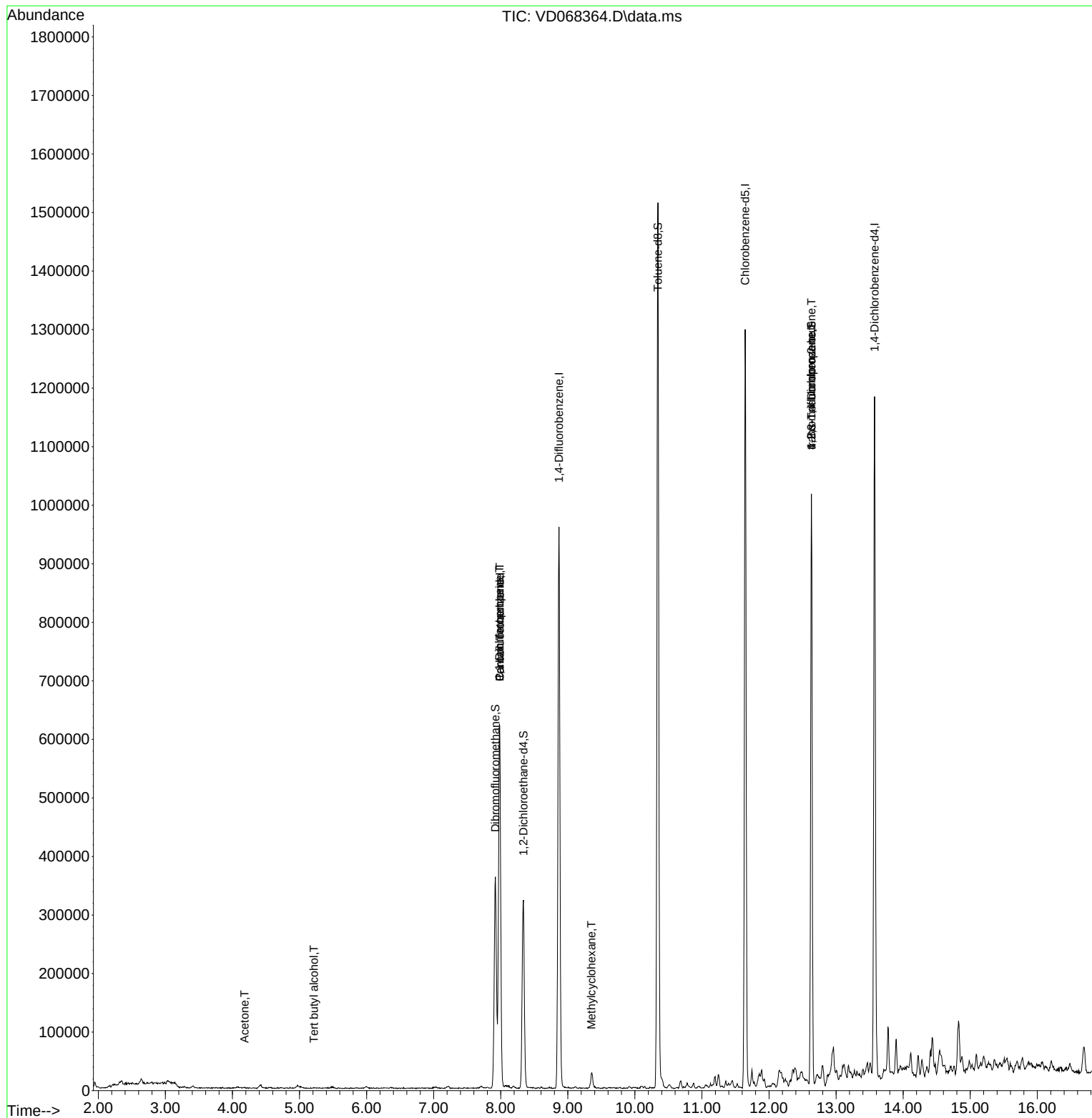
Internal Standards						
1) Pentafluorobenzene	7.985	168	464453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	858659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	761503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	310521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	259212	54.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.18%
35) Dibromofluoromethane	7.920	113	258248	50.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.34%
50) Toluene-d8	10.344	98	1069042	50.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.22%
62) 4-Bromofluorobenzene	12.632	95	324216	47.12	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.24%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.215	59	768	3.23	ug/l #	74
16) Acetone	4.179	43	1538	2.10	ug/l	96
20) Methylene Chloride	4.967	84	3264	Below Cal	#	92
31) Cyclohexane	7.985	56	13107	Below Cal	#	17
36) 1,1-Dichloropropene	7.979	75	38241	5.03	ug/l #	47
38) Carbon Tetrachloride	7.985	117	45075	6.22	ug/l #	17
39) Methylcyclohexane	9.350	83	12986	1.39	ug/l #	85
76) 1,2,3-Trichloropropane	12.632	75	169555	57.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	169555	143.83	ug/l #	14

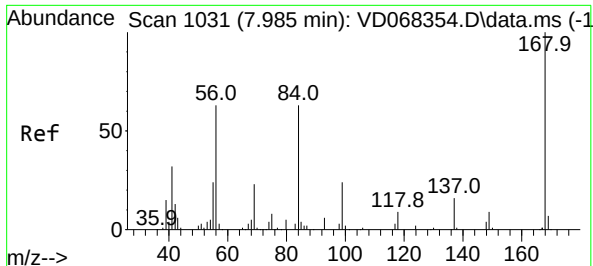
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021521\
Data File : VD068364.D
Acq On : 15 Feb 2021 15:38
Operator : VA/SY
Sample : M1400-02
Misc : 4.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 16 00:16:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

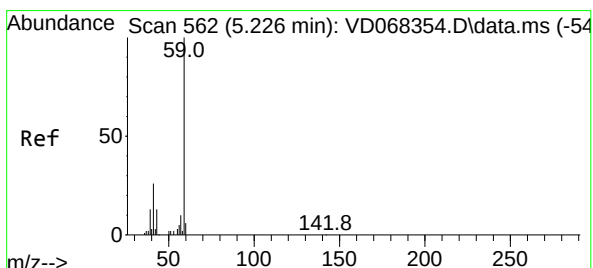
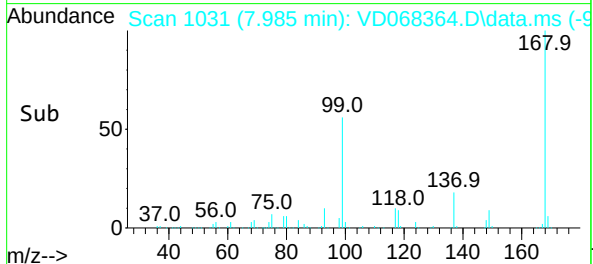
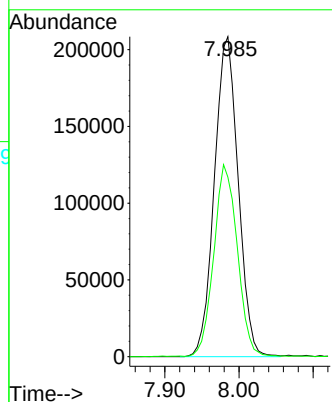
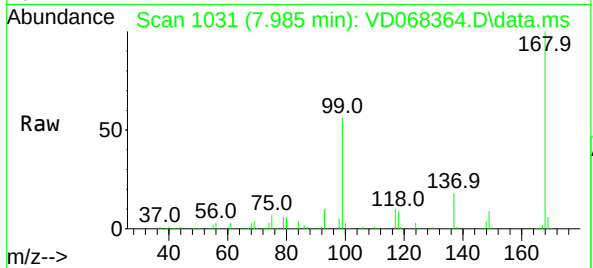




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

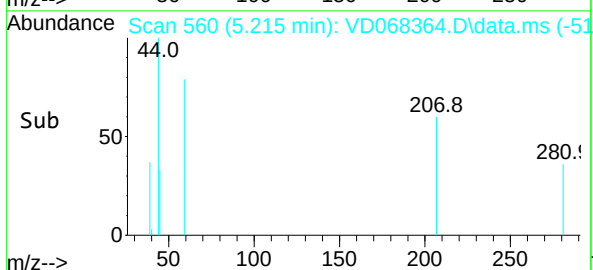
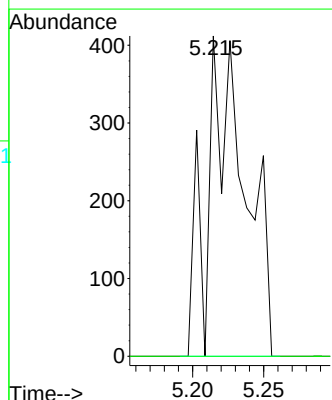
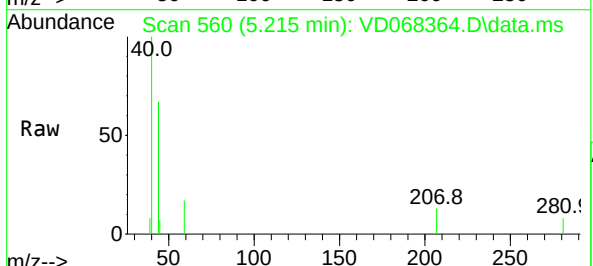
Instrument :
MSVOA_D
ClientSampleId :

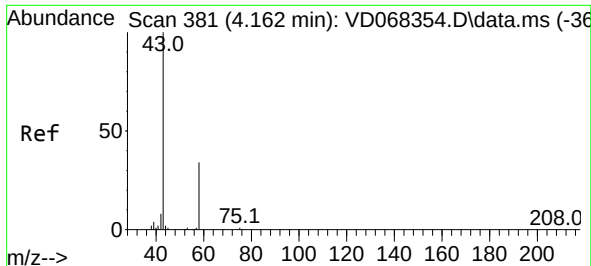
Tgt Ion:168 Resp: 464453
Ion Ratio Lower Upper
168 100
99 55.9 43.5 65.3



#11
Tert butyl alcohol
Concen: 3.23 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion: 59 Resp: 768
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

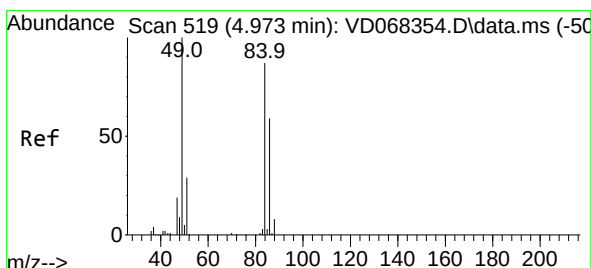
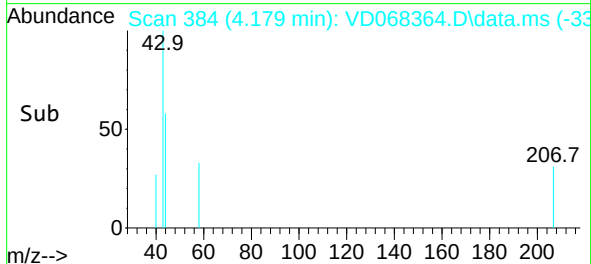
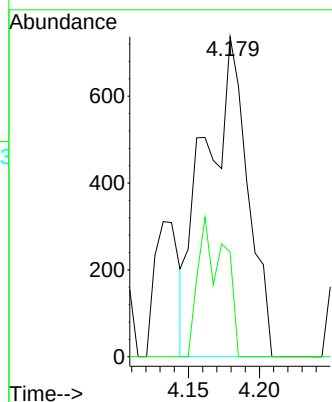
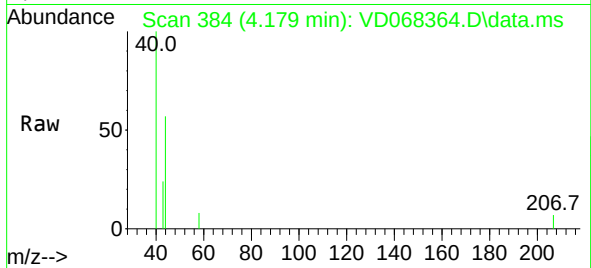




#16
Acetone
Concen: 2.10 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

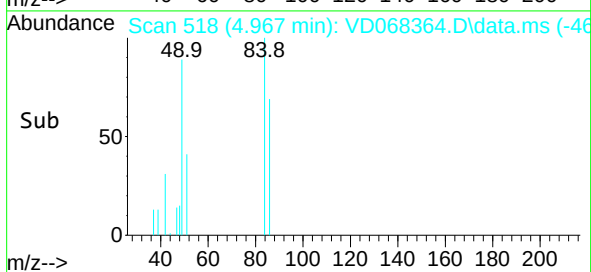
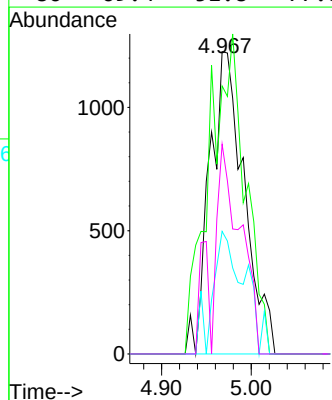
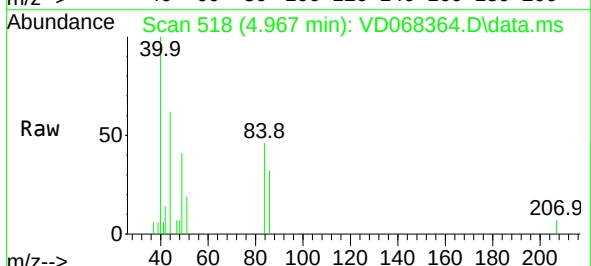
Instrument :
MSVOA_D
ClientSampled :

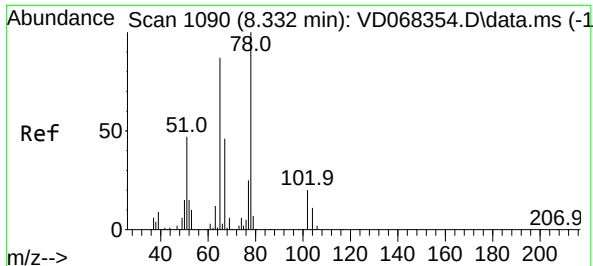
Tgt Ion: 43 Resp: 1538
Ion Ratio Lower Upper
43 100
58 32.7 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion: 84 Resp: 3264
Ion Ratio Lower Upper
84 100
49 88.7 77.4 116.2
51 40.5 26.1 39.1#
86 69.4 51.8 77.8

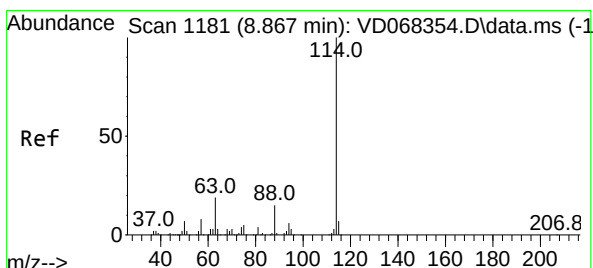
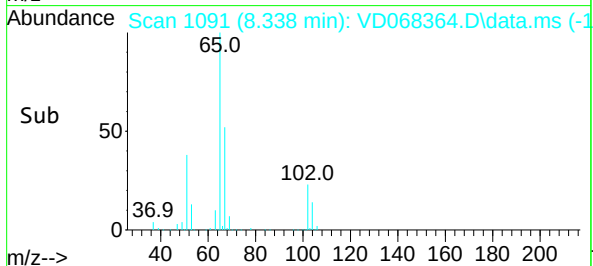
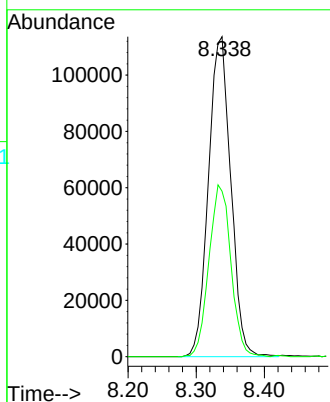
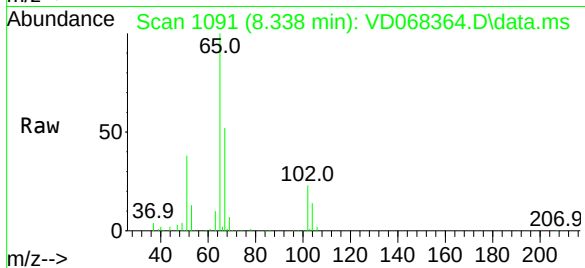




#33
1,2-Dichloroethane-d4
Concen: 54.59 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

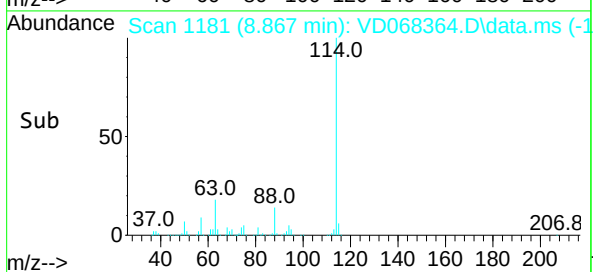
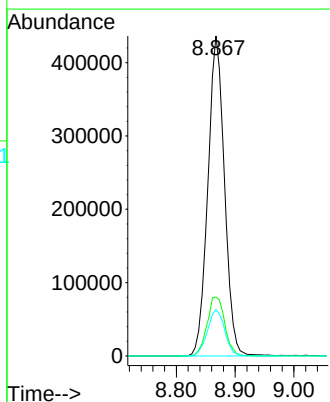
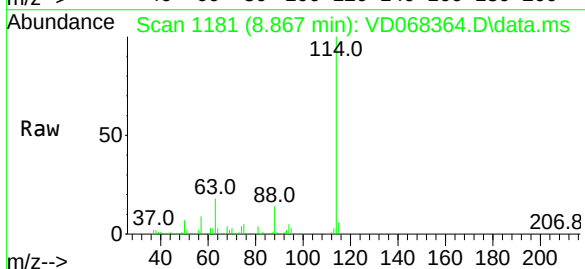
Instrument :
MSVOA_D
ClientSampled :

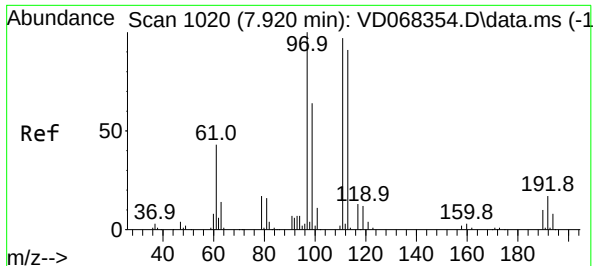
Tgt Ion: 65 Resp: 259212
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion: 114 Resp: 858659
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 14.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.67 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068364.D

Acq: 15 Feb 2021 15:38

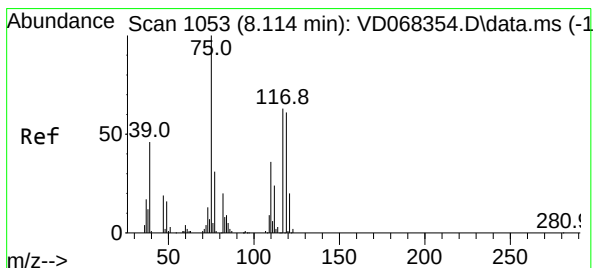
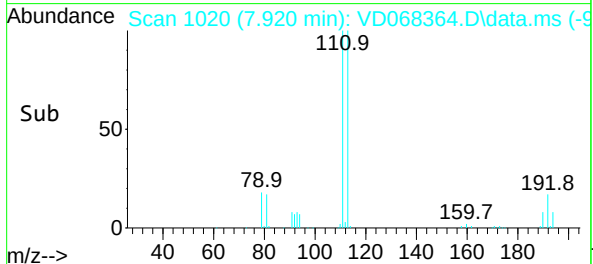
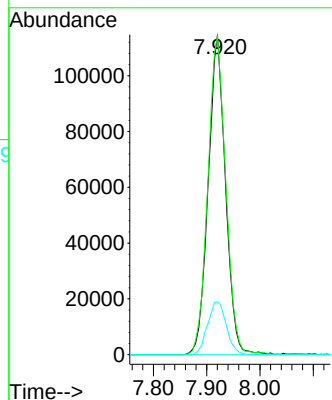
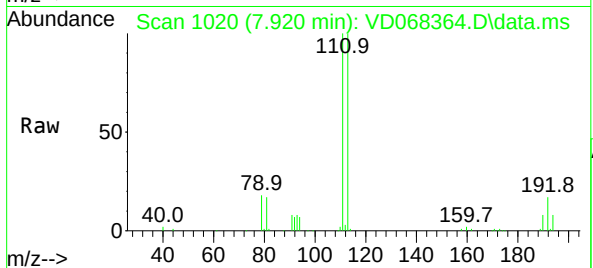
Tgt Ion:113 Resp: 258248

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 17.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.03 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068364.D

Acq: 15 Feb 2021 15:38

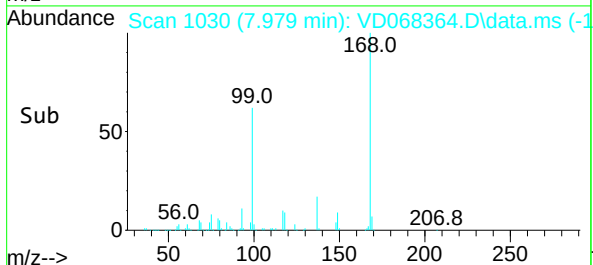
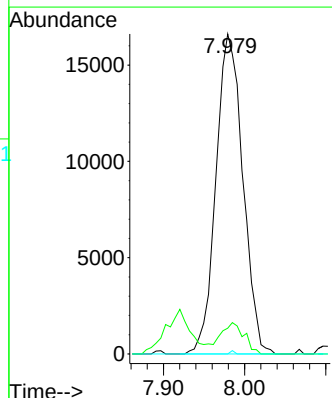
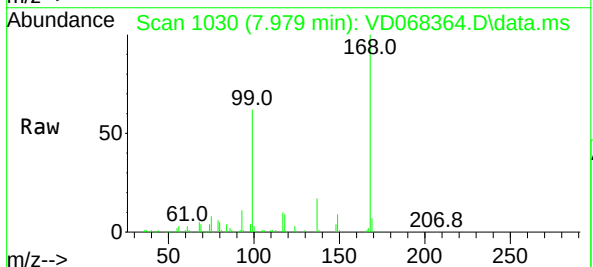
Tgt Ion: 75 Resp: 38241

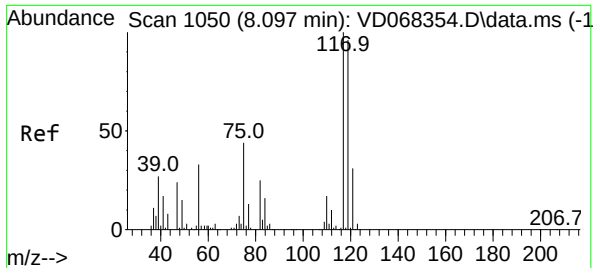
Ion Ratio Lower Upper

75 100

110 8.2 19.4 58.2#

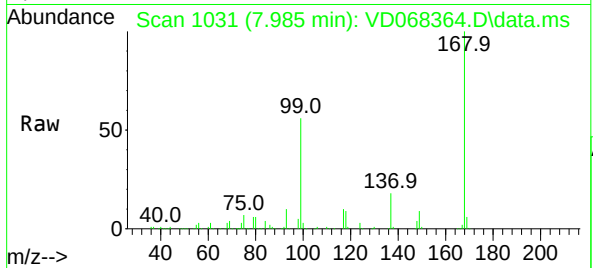
77 0.2 25.3 37.9#



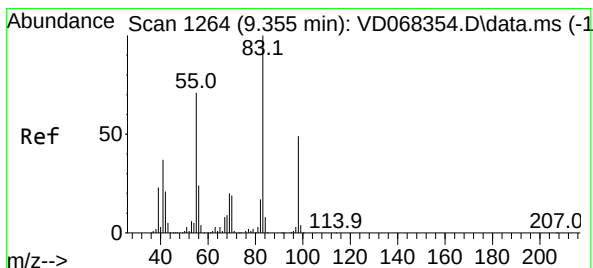
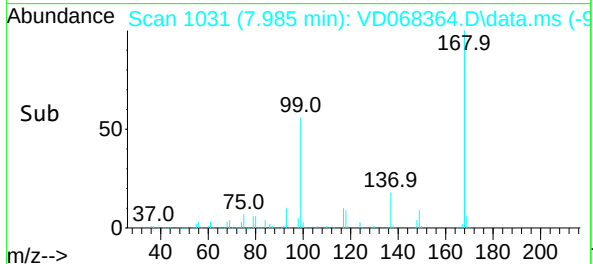
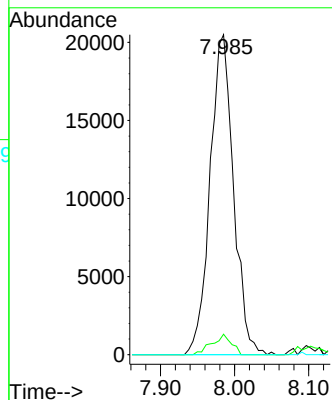


#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :

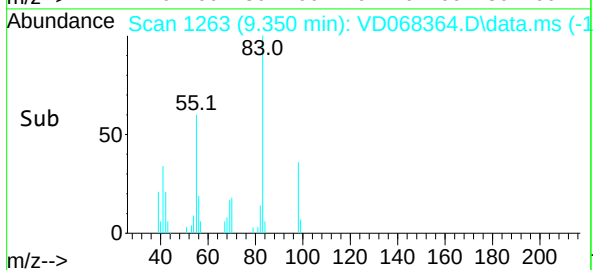
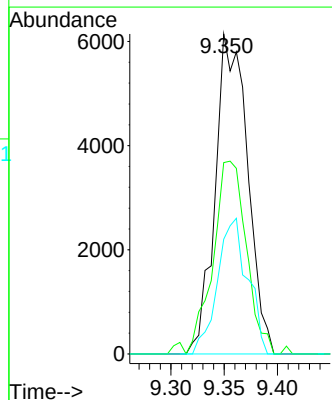
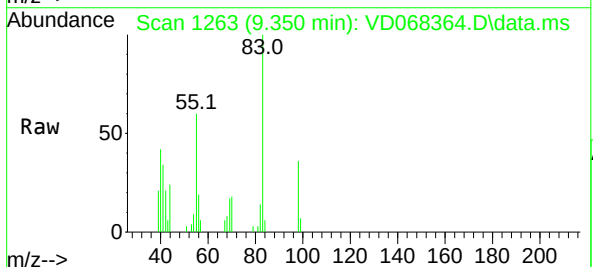


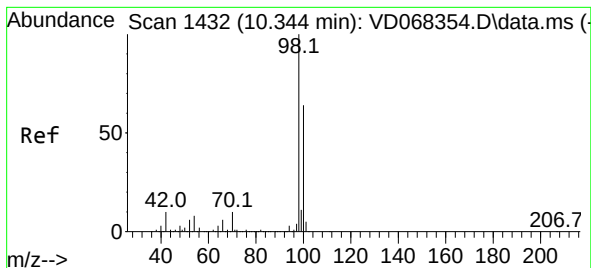
Tgt Ion:117 Resp: 45075
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 1.39 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion: 83 Resp: 12986
Ion Ratio Lower Upper
83 100
55 59.8 55.2 82.8
98 35.9 39.1 58.7#

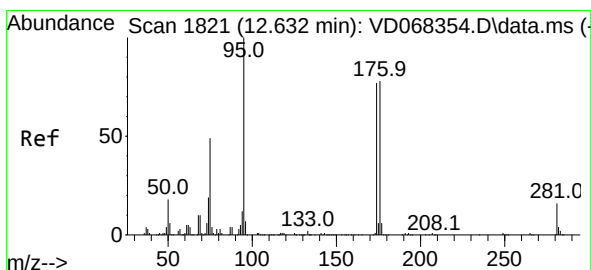
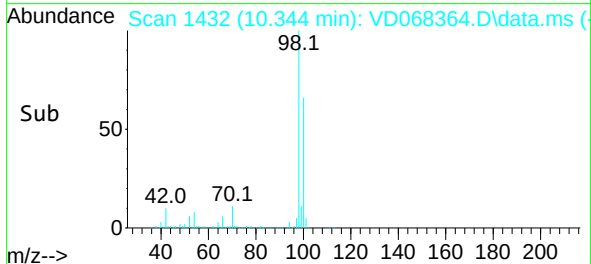
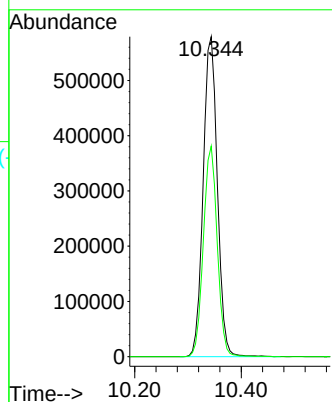
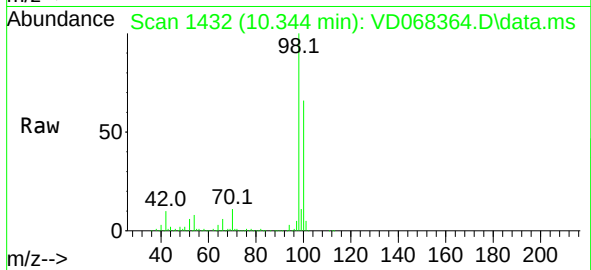




#50
Toluene-d8
Concen: 50.61 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

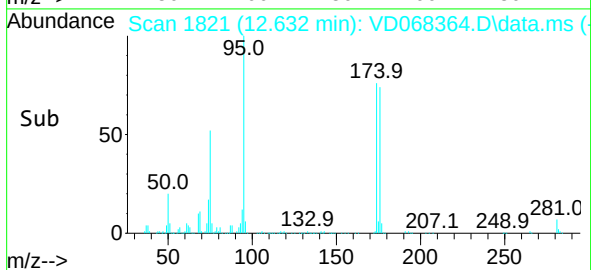
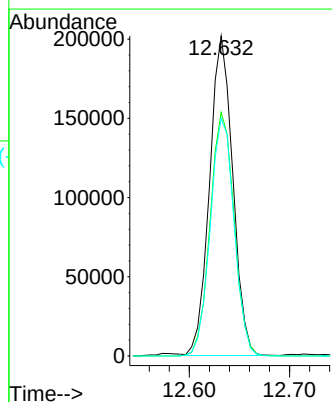
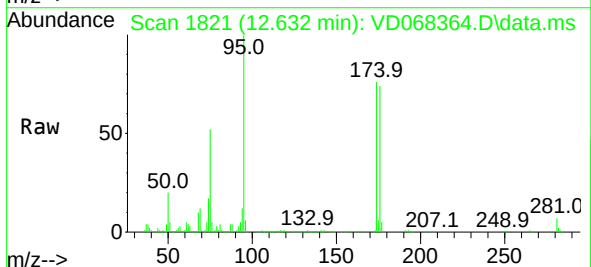
Instrument :
MSVOA_D
ClientSampleId :

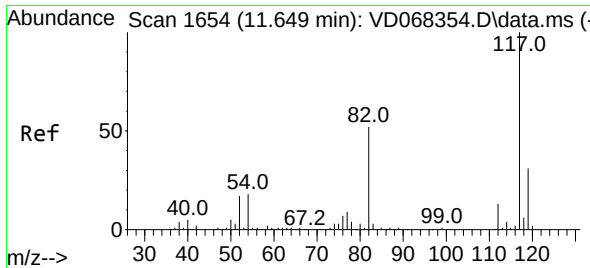
Tgt Ion: 98 Resp: 1069042
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion: 95 Resp: 324216
Ion Ratio Lower Upper
95 100
174 78.7 0.0 172.4
176 76.6 0.0 168.4

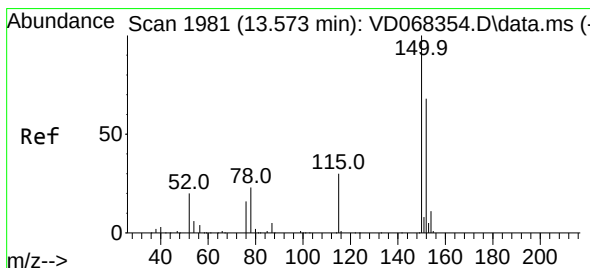
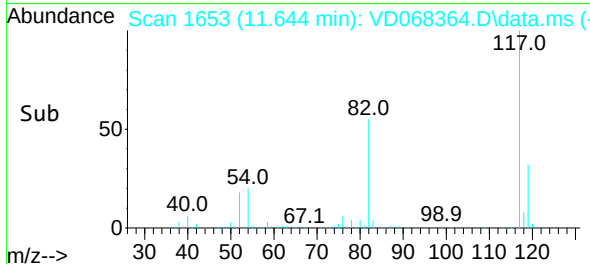
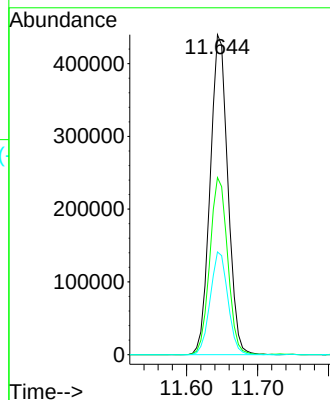
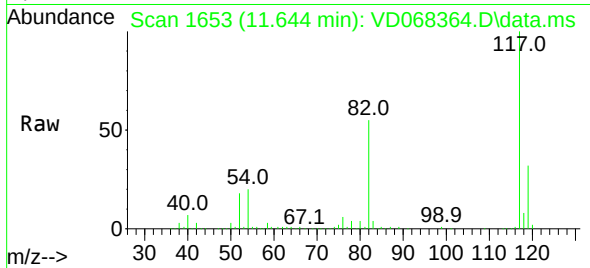




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

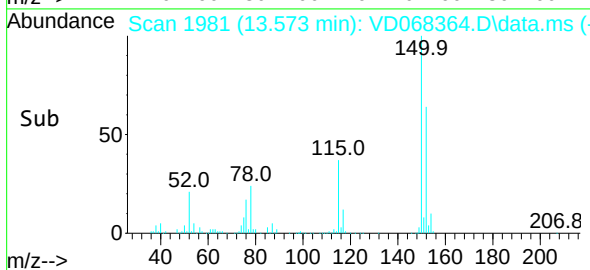
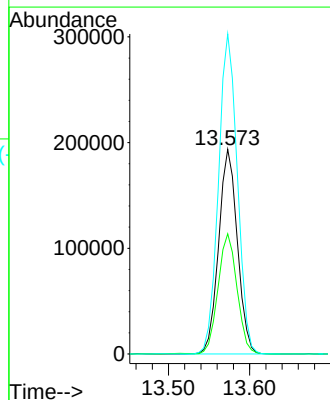
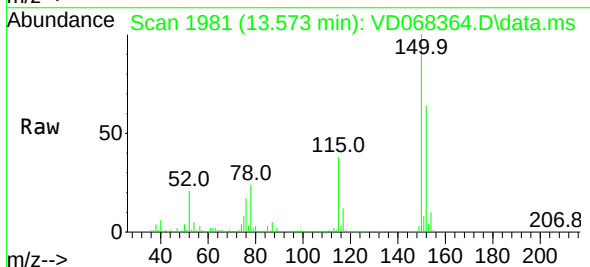
Instrument :
MSVOA_D
ClientSampled :

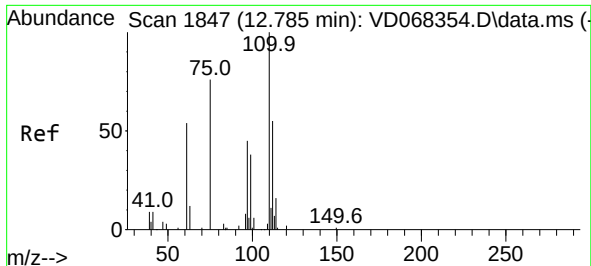
Tgt Ion:117 Resp: 761503
Ion Ratio Lower Upper
117 100
82 55.4 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion:152 Resp: 310521
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.8
150 157.6 0.0 344.4

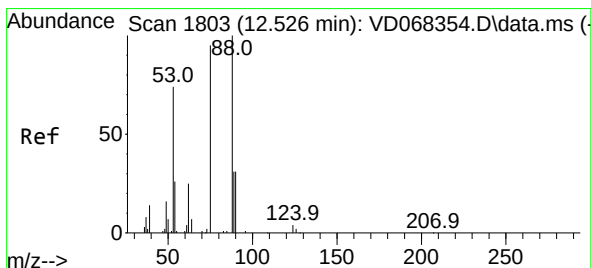
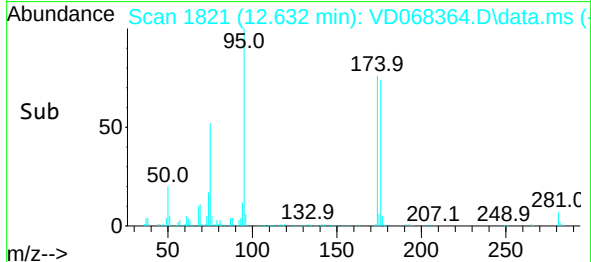
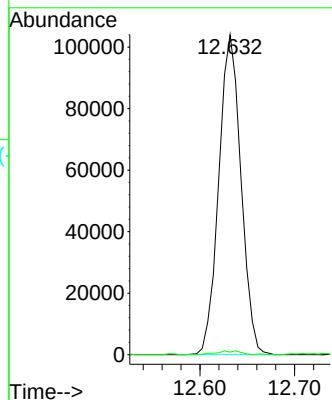
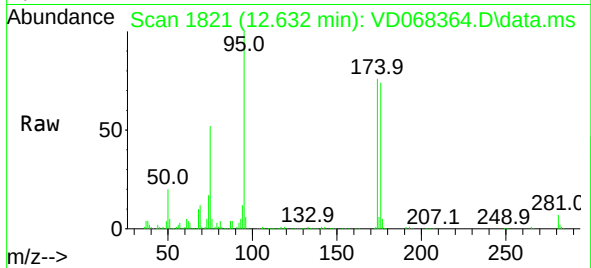




#76
1,2,3-Trichloropropane
Concen: 57.38 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 169555
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 143.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068364.D
Acq: 15 Feb 2021 15:38

Tgt Ion: 75 Resp: 169555
Ion Ratio Lower Upper
75 100
53 0.3 70.2 105.2#
89 0.0 40.3 60.5#

