

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068386.D
 Acq On : 17 Feb 2021 16:41
 Operator : VA/SY
 Sample : M1440-02
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-227-233-B

Quant Time: Feb 18 00:13:40 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)

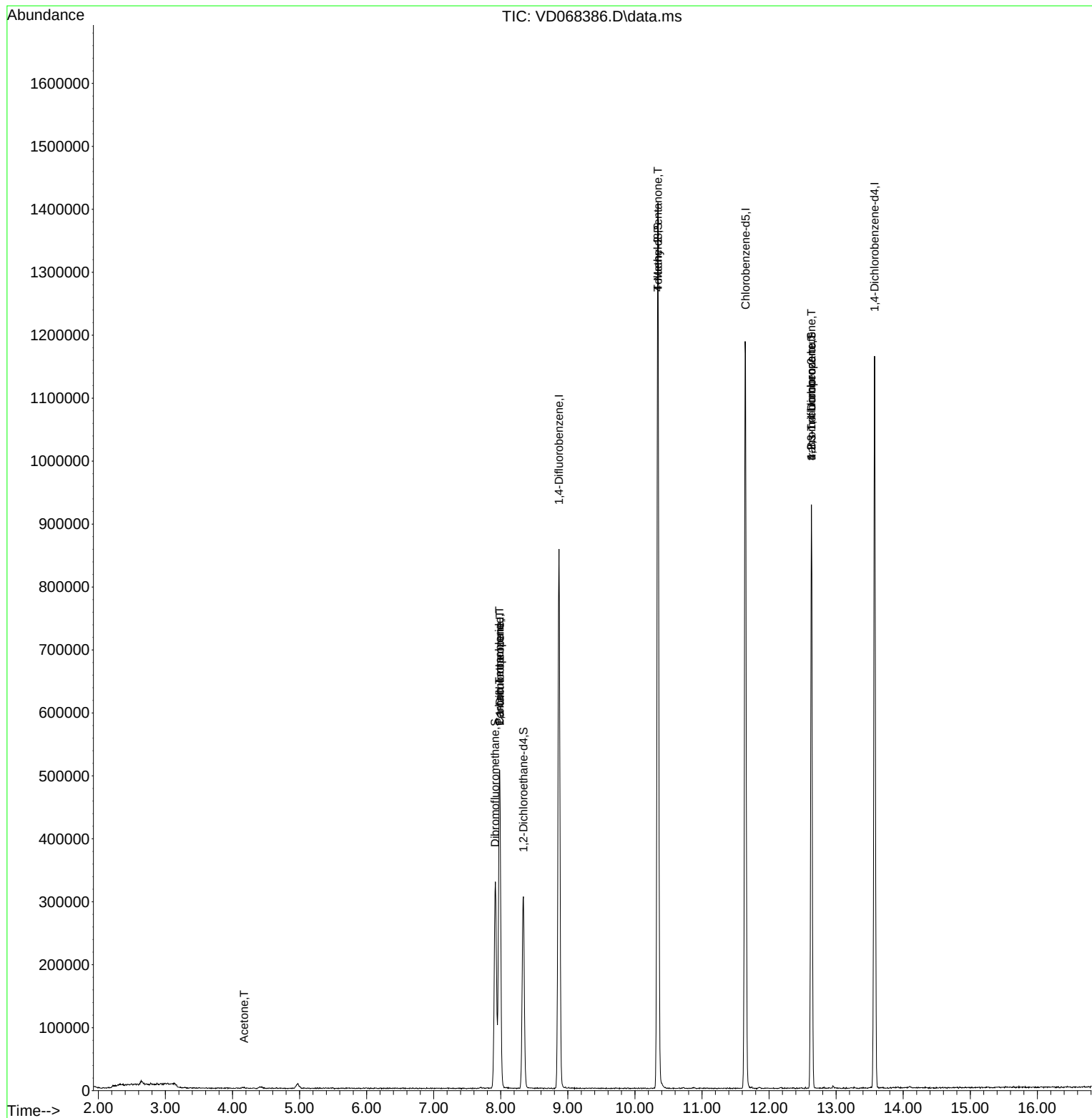
Internal Standards						
1) Pentafluorobenzene	7.985	168	390874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	768145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	712720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	304524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	244510	61.19	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.38%			
35) Dibromofluoromethane	7.914	113	238865	52.39	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.78%			
50) Toluene-d8	10.344	98	982129	51.97	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.94%			
62) 4-Bromofluorobenzene	12.632	95	309427	50.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.54%			
Target Compounds						
16) Acetone	4.173	43	2295	3.72	ug/l #	85
20) Methylene Chloride	4.973	84	6409	Below Cal	#	92
31) Cyclohexane	7.979	56	9649	Below Cal	#	44
36) 1,1-Dichloropropene	7.985	75	31407	4.62	ug/l #	47
38) Carbon Tetrachloride	7.979	117	40160	6.20	ug/l #	17
51) 4-Methyl-2-Pentanone	10.344	43	3759	1.66	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	158090	54.55	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	158090	136.75	ug/l #	13

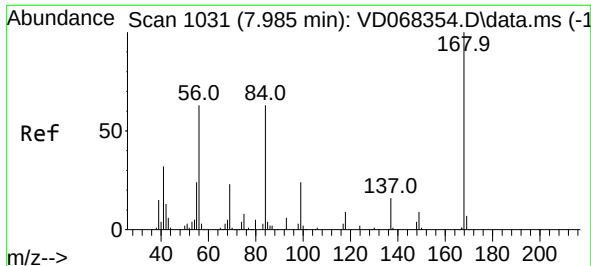
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
SP-227-233-B

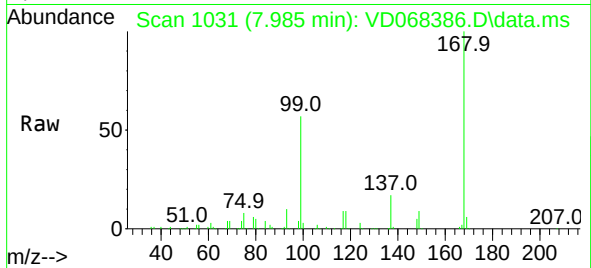
Quant Time: Feb 18 00:13:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration



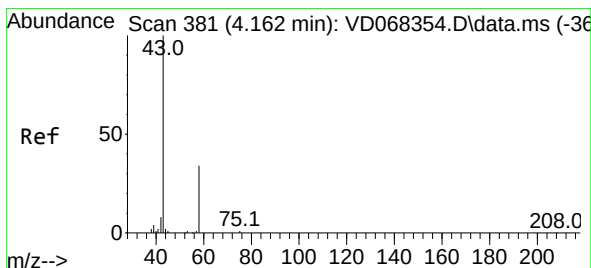
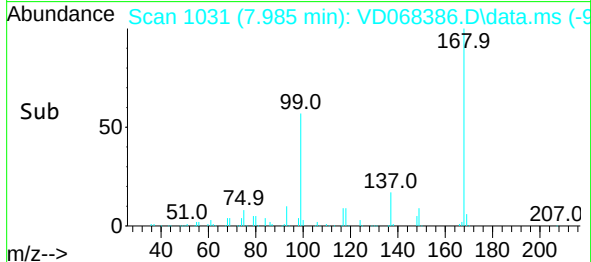
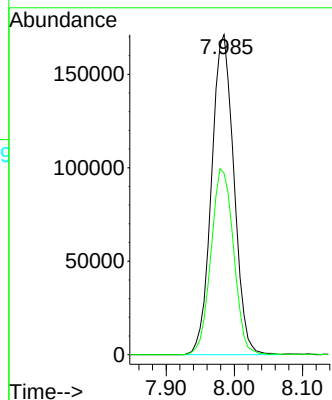


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-B

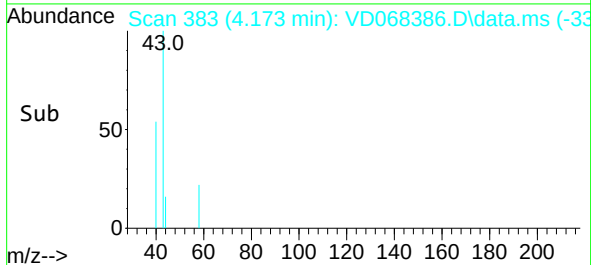
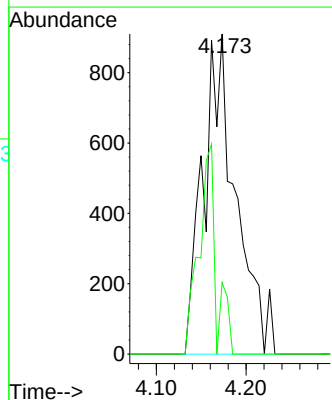
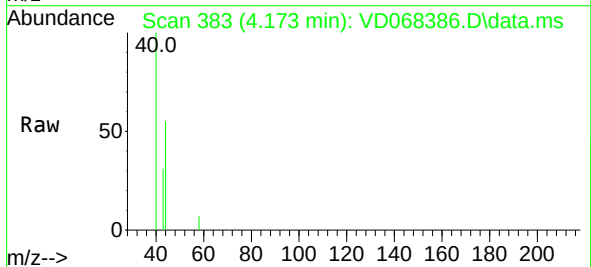


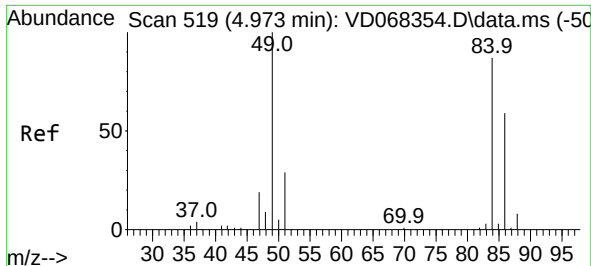
Tgt Ion:168 Resp: 390874
Ion Ratio Lower Upper
168 100
99 56.7 43.5 65.3



#16
Acetone
Concen: 3.72 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

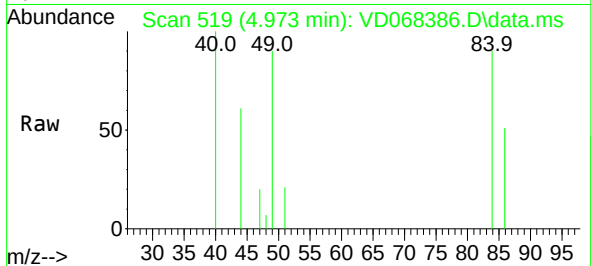
Tgt Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
58 22.3 24.2 36.4#



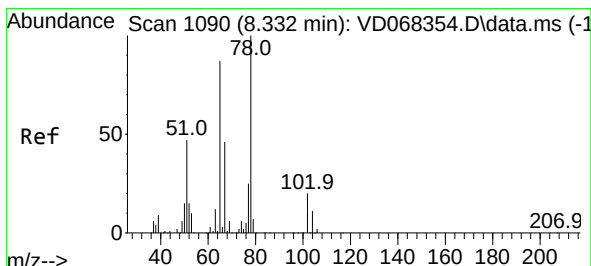
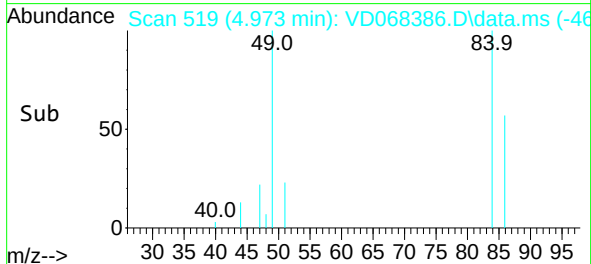
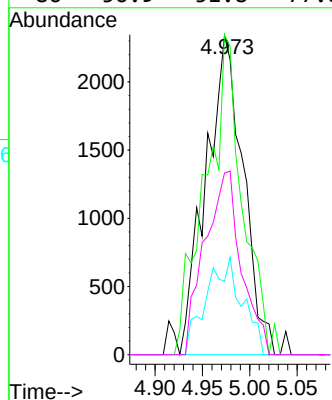


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-B

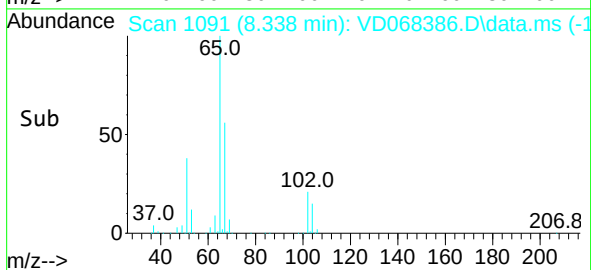
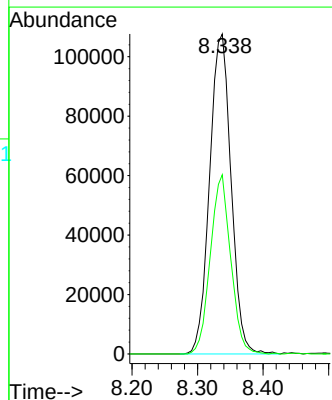
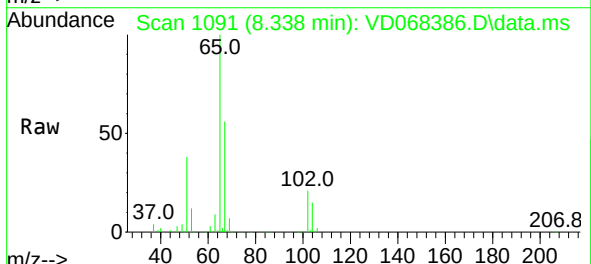


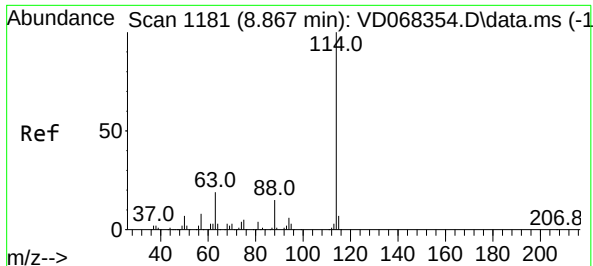
Tgt Ion:	84	Resp:	6409
Ion	Ratio	Lower	Upper
84	100		
49	100.3	77.4	116.2
51	22.9	26.1	39.1#
86	56.9	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 61.19 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Tgt Ion:	65	Resp:	244510
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.0



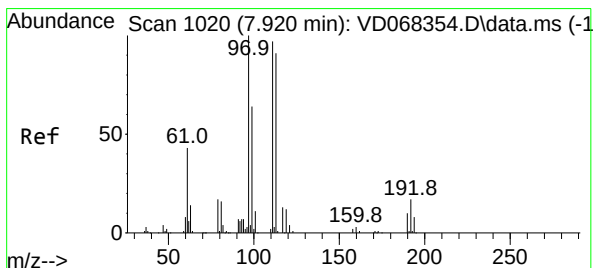
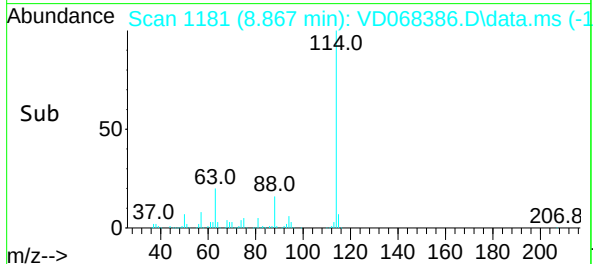
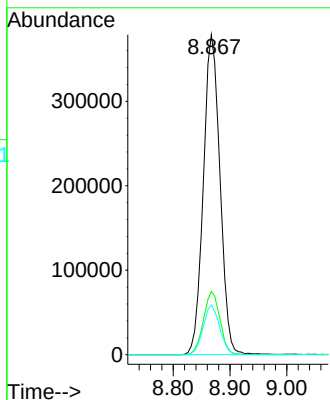
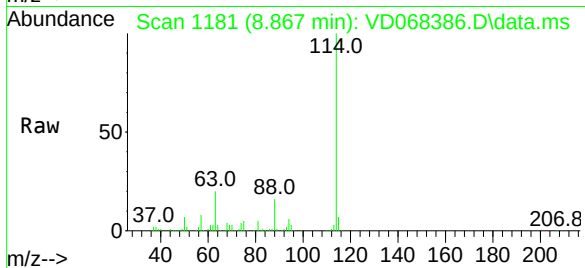


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-B

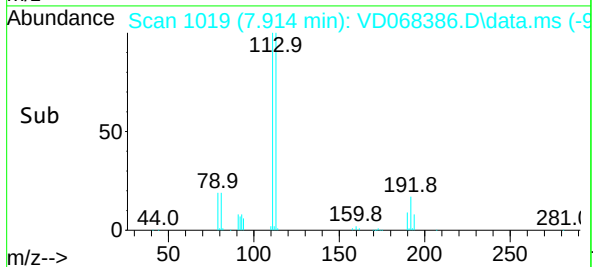
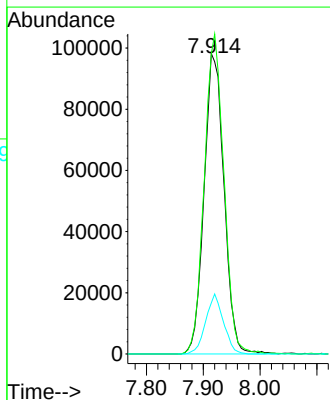
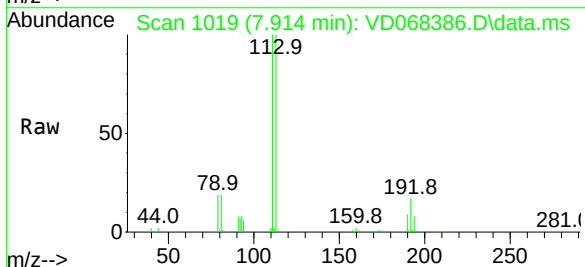
Tgt Ion:114 Resp: 768145
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 15.5 0.0 31.6

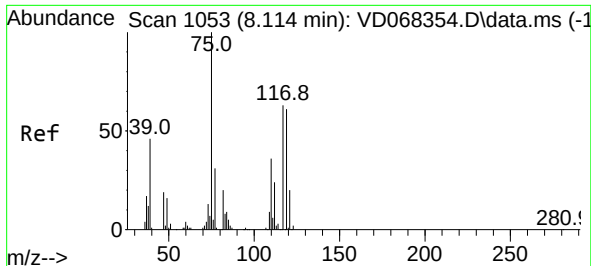


#35

Dibromofluoromethane
Concen: 52.39 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Tgt Ion:113 Resp: 238865
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.0
192 17.8 16.1 24.1

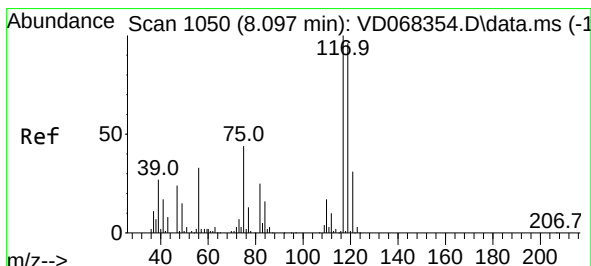
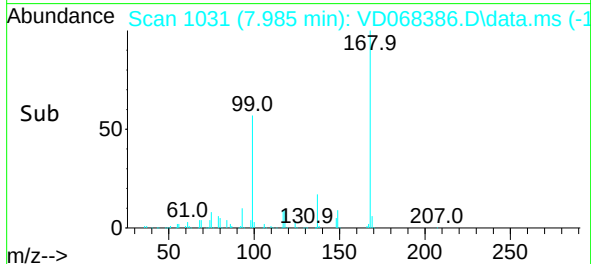
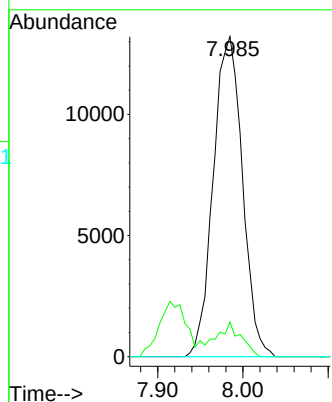
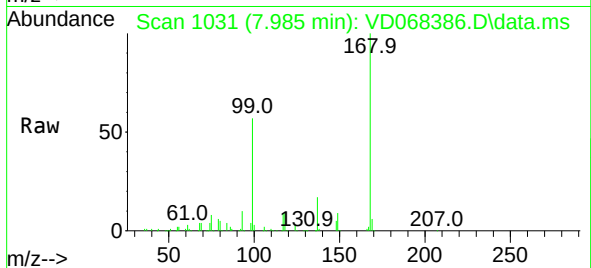




#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.130 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

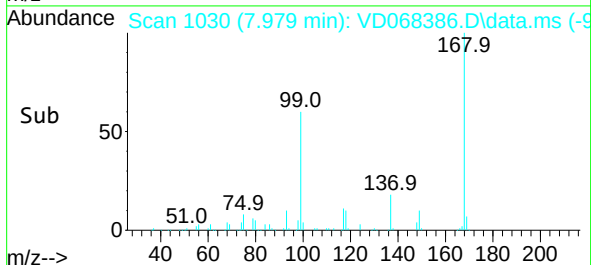
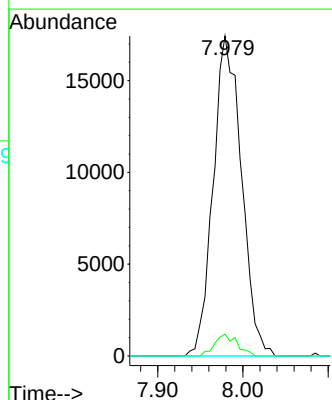
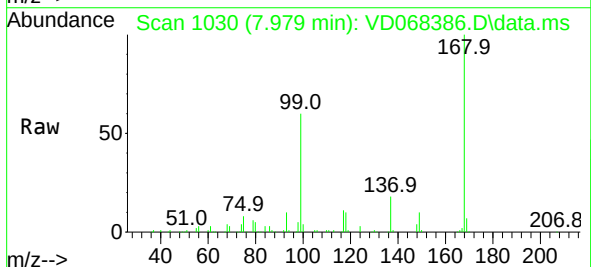
Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-B

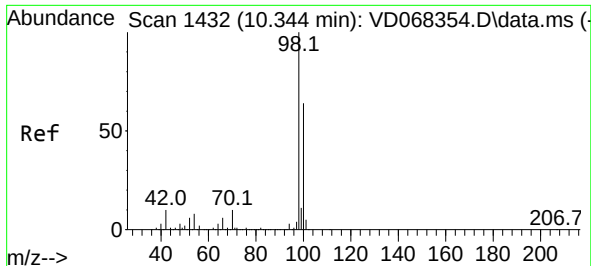
Tgt Ion: 75 Resp: 31407
Ion Ratio Lower Upper
75 100
110 8.8 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Tgt Ion: 117 Resp: 40160
Ion Ratio Lower Upper
117 100
119 6.8 77.3 115.9#
121 0.0 24.7 37.1#

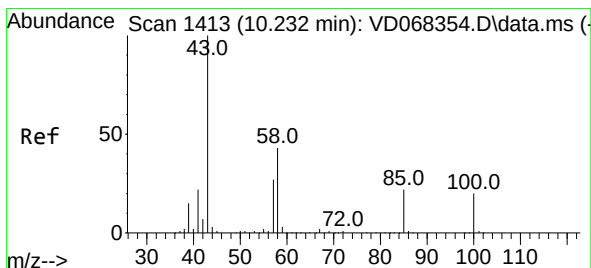
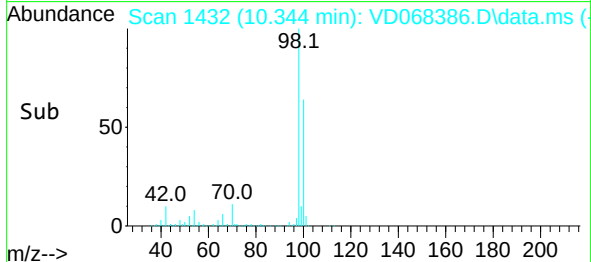
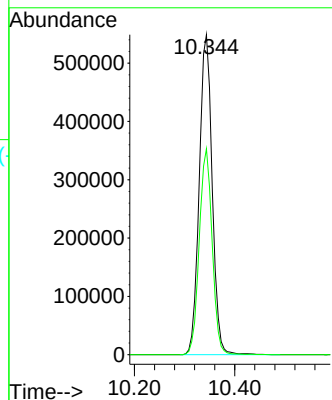
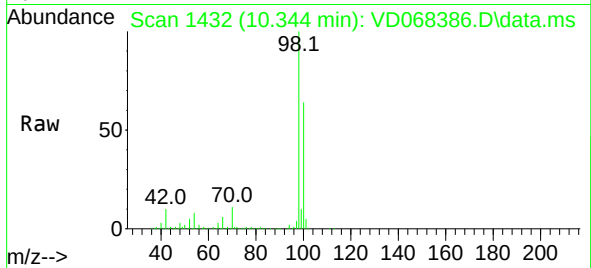




#50
Toluene-d8
Concen: 51.97 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

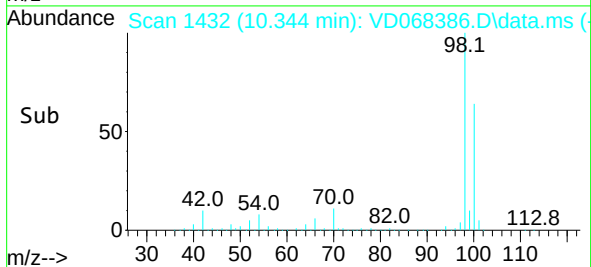
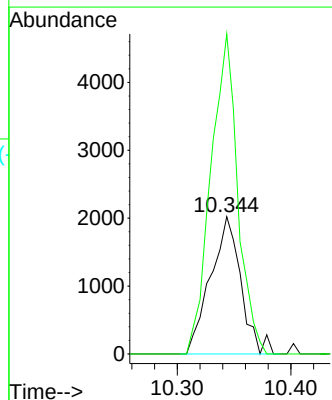
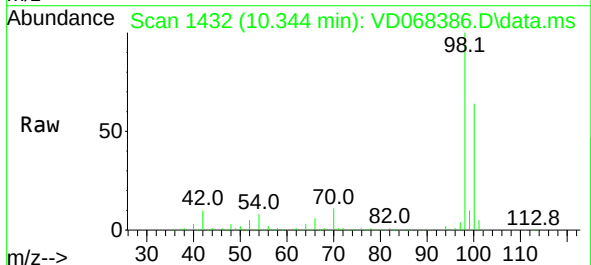
Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-B

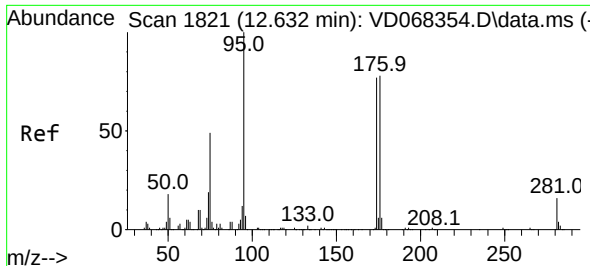
Tgt Ion: 98 Resp: 982129
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.66 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Tgt Ion: 43 Resp: 3759
Ion Ratio Lower Upper
43 100
58 206.5 36.1 54.1#

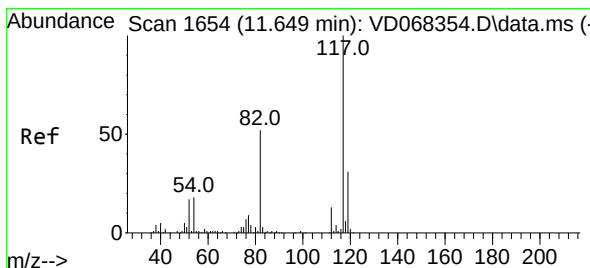
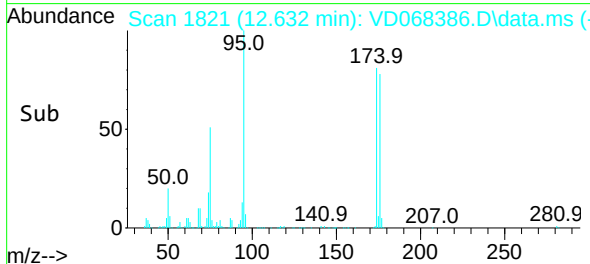
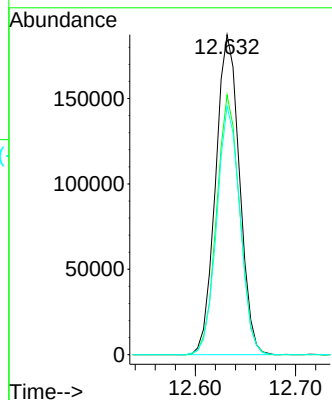
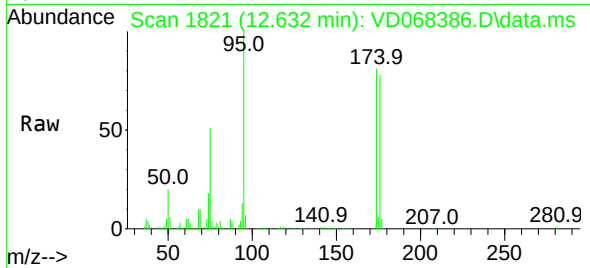




#62
4-Bromofluorobenzene
Concen: 50.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

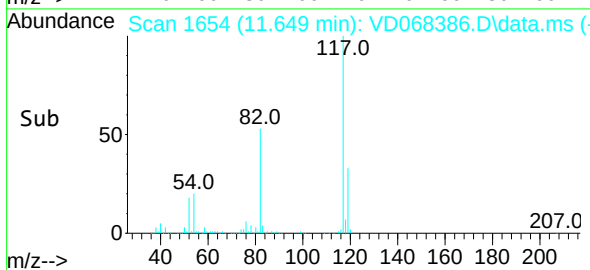
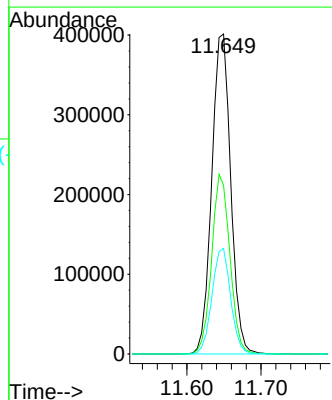
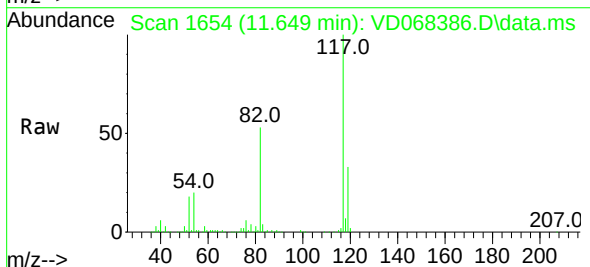
Instrument :
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ClientSampleId :
SP-227-233-B

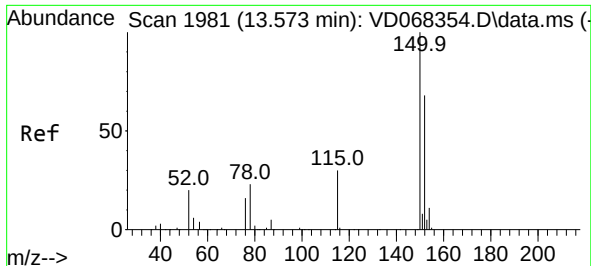
Tgt Ion: 95 Resp: 309427
Ion Ratio Lower Upper
95 100
174 78.3 0.0 172.4
176 75.6 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

Tgt Ion: 117 Resp: 712720
Ion Ratio Lower Upper
117 100
82 52.7 41.4 62.0
119 33.0 26.1 39.1

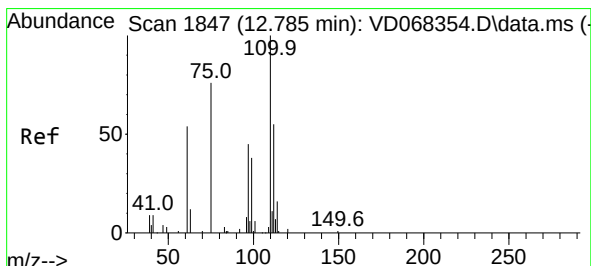
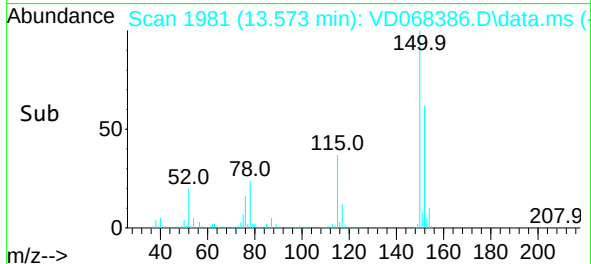
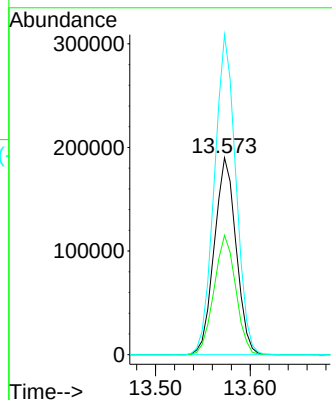
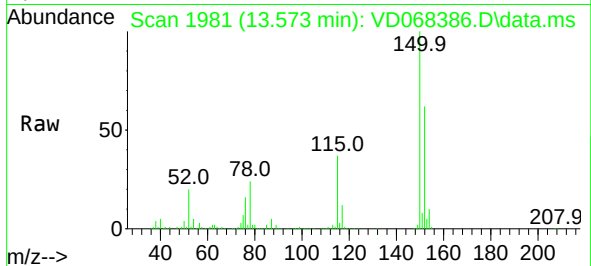




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

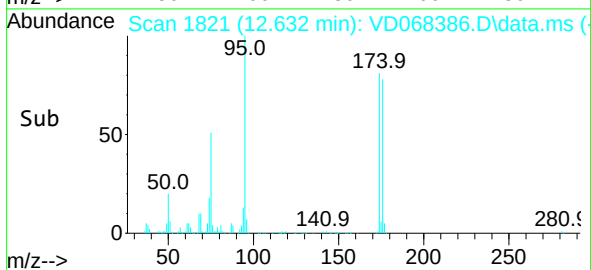
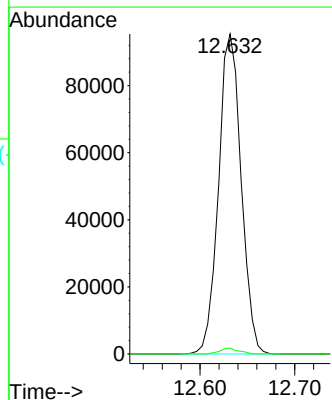
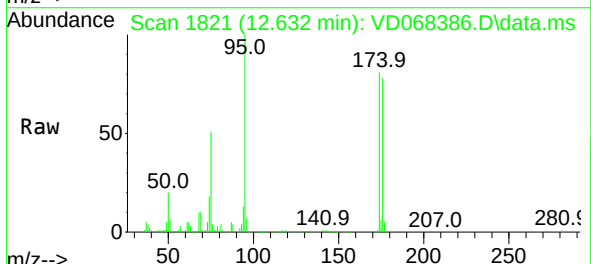
Instrument :
MSVOA_D
ClientSampled :
SP-227-233-B

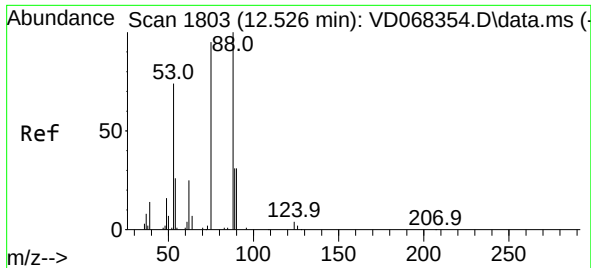
Tgt Ion:152 Resp: 304524
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.8
150 160.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.55 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068386.D
Acq: 17 Feb 2021 16:41

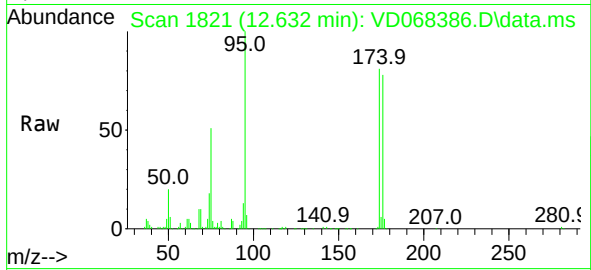
Tgt Ion: 75 Resp: 158090
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.75 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068386.D
 Acq: 17 Feb 2021 16:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-227-233-B



Tgt Ion: 75 Resp: 158090
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

