

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068385.D
 Acq On : 17 Feb 2021 16:14
 Operator : VA/SY
 Sample : M1440-01
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Feb 18 00:13:27 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)

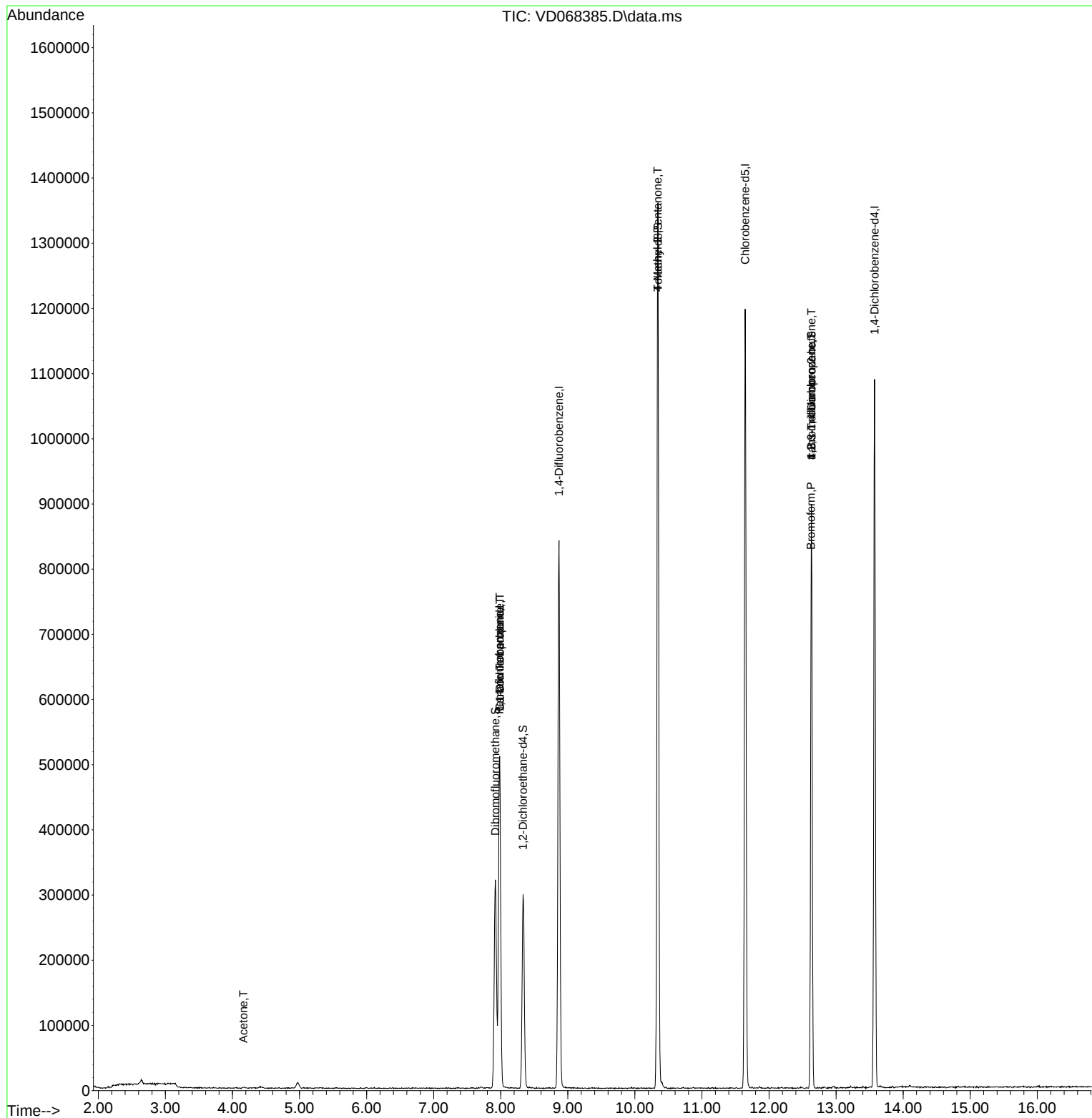
Internal Standards						
1) Pentafluorobenzene	7.979	168	388372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	754360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	707764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	294297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	240647	60.61	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.22%			
35) Dibromofluoromethane	7.920	113	232294	51.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.76%			
50) Toluene-d8	10.344	98	961878	51.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.66%			
62) 4-Bromofluorobenzene	12.632	95	302634	50.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.12%			
Target Compounds					Qvalue	
16) Acetone	4.162	43	1366	2.23	ug/l	93
20) Methylene Chloride	4.967	84	7536	Below Cal		91
31) Cyclohexane	7.979	56	8812	Below Cal	#	1
36) 1,1-Dichloropropene	7.985	75	29834	4.47	ug/l #	48
38) Carbon Tetrachloride	7.985	117	39145	6.15	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	3517	1.59	ug/l #	1
71) Bromoform	12.626	173	2619	1.07	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	151192	53.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	151192	135.33	ug/l #	13

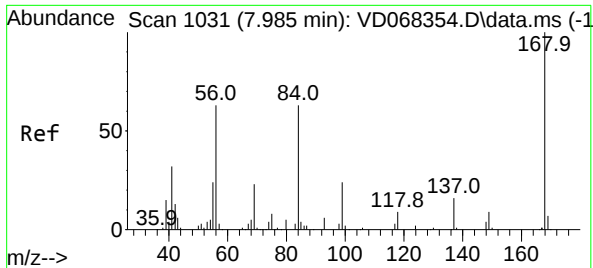
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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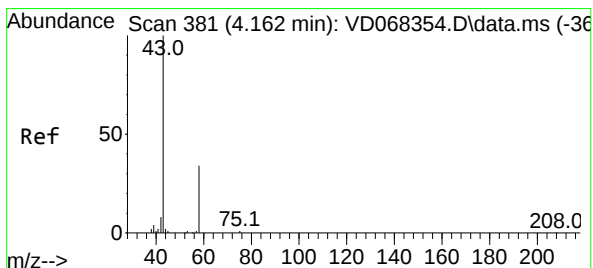
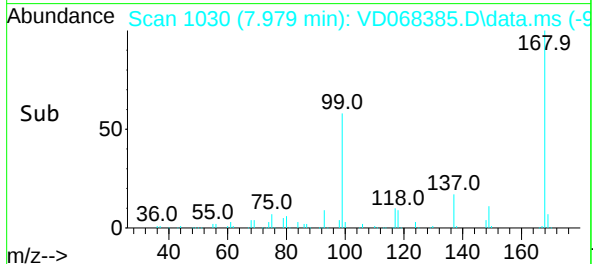
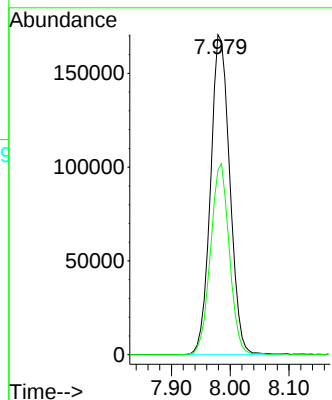
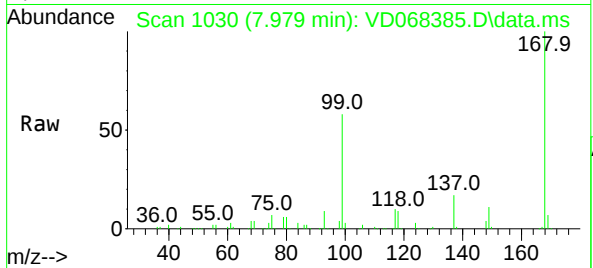




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

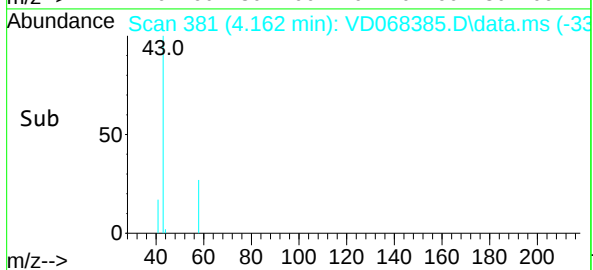
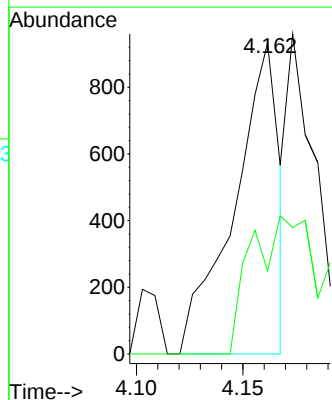
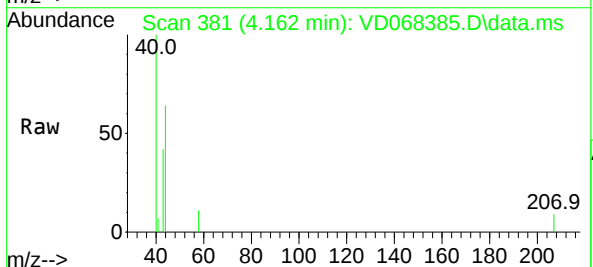
Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-A

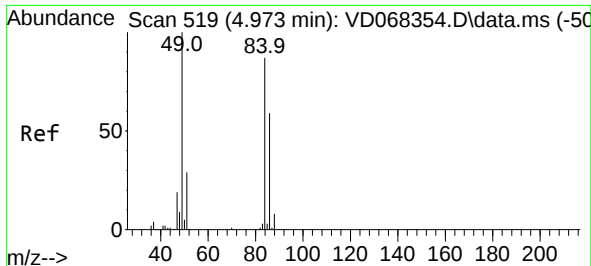
Tgt Ion:168 Resp: 388372
Ion Ratio Lower Upper
168 100
99 57.6 43.5 65.3



#16
Acetone
Concen: 2.23 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

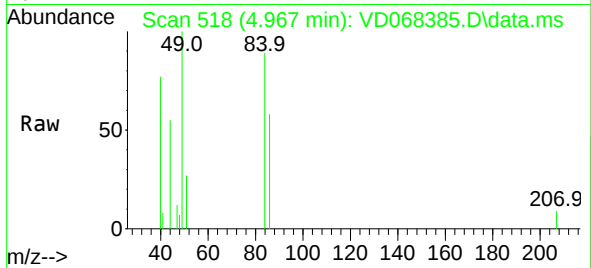
Tgt Ion: 43 Resp: 1366
Ion Ratio Lower Upper
43 100
58 26.7 24.2 36.4



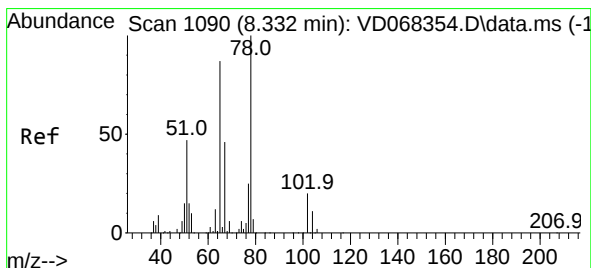
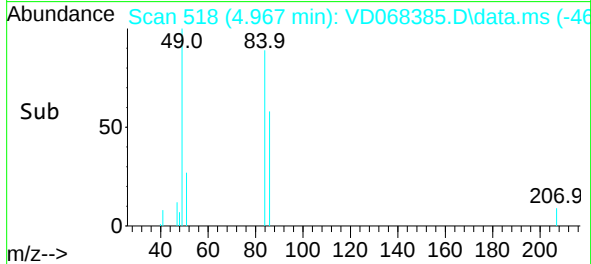
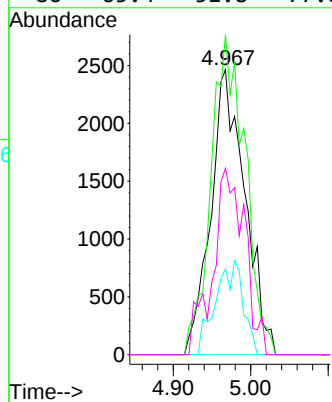


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Instrument :
MSVOA_D
ClientSampleID :
SP-227-233-A

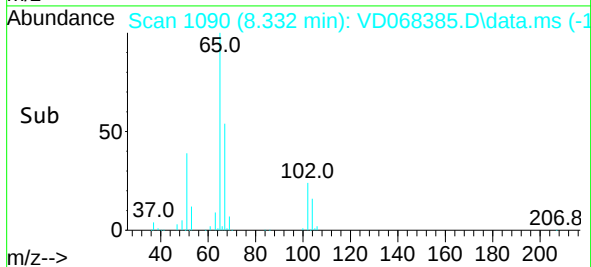
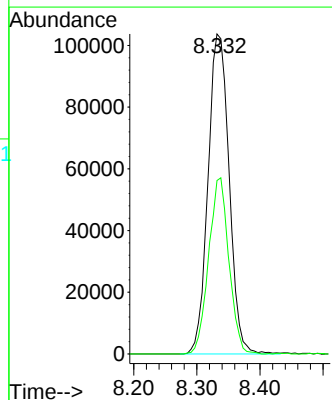
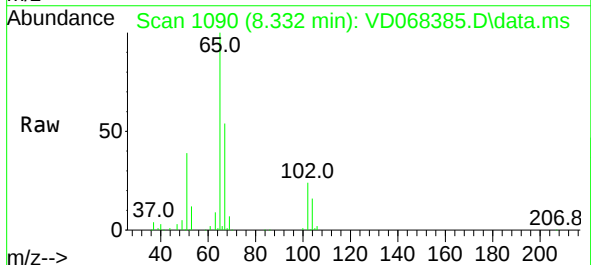


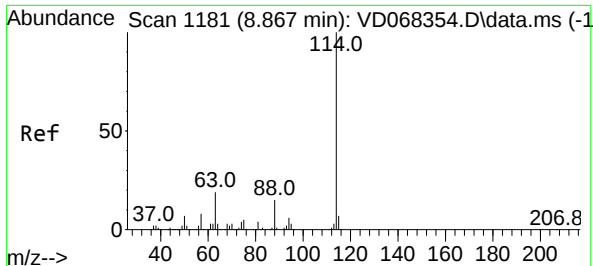
Tgt Ion:	84	Resp:	7536
Ion	Ratio	Lower	Upper
84	100		
49	112.3	77.4	116.2
51	30.1	26.1	39.1
86	65.4	51.8	77.8



#33
1,2-Dichloroethane-d4
Concen: 60.61 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion:	65	Resp:	240647
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.0



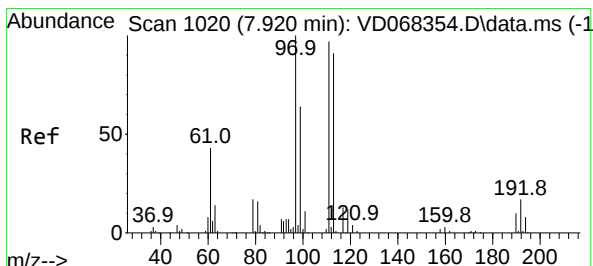
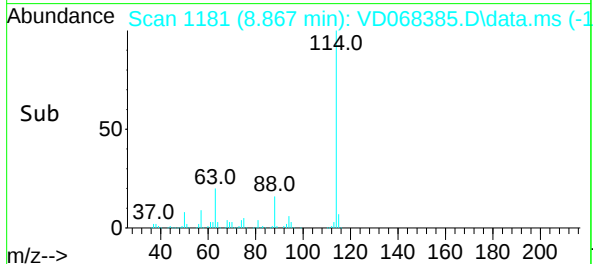
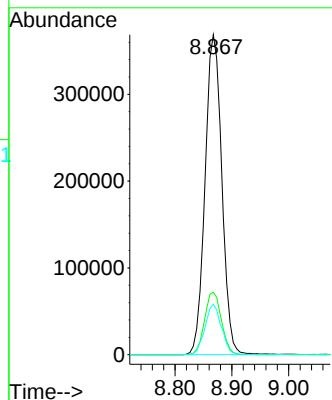
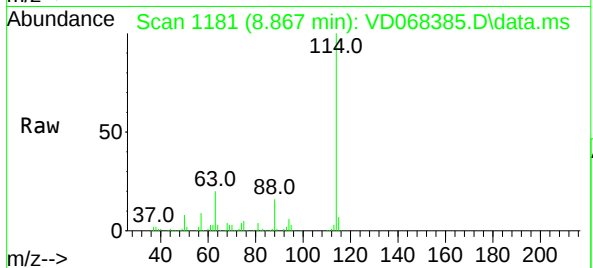


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Instrument :
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ClientSampleId :
SP-227-233-A

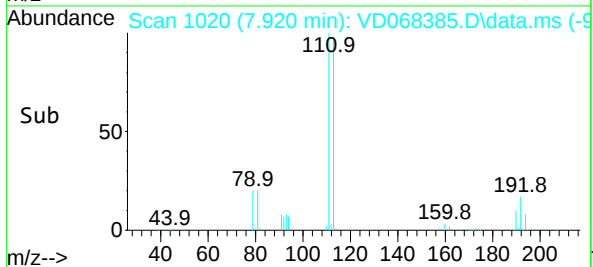
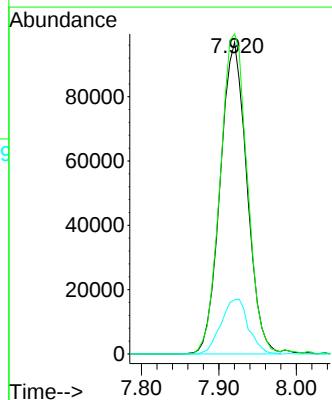
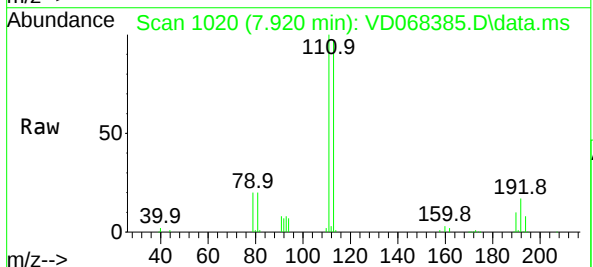
Tgt Ion:114 Resp: 754360
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 15.7 0.0 31.6

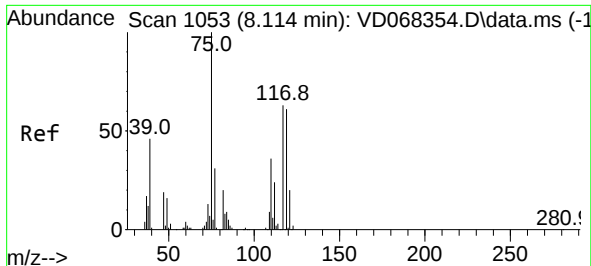


#35

Dibromofluoromethane
Concen: 51.88 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion:113 Resp: 232294
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 18.0 16.1 24.1

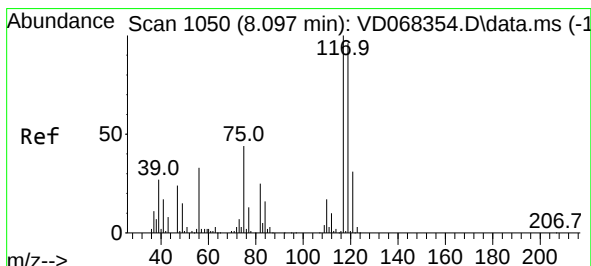
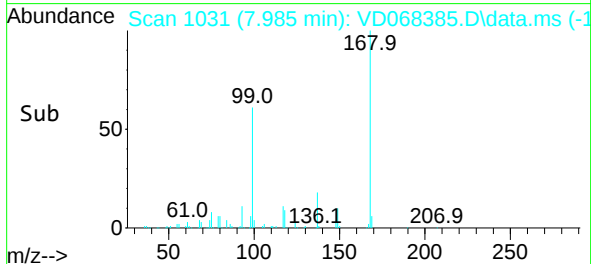
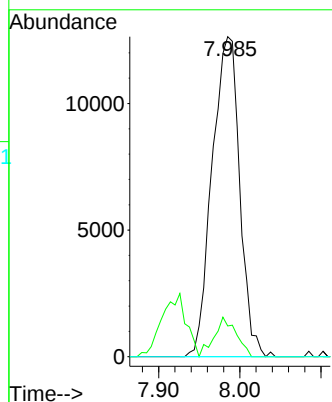
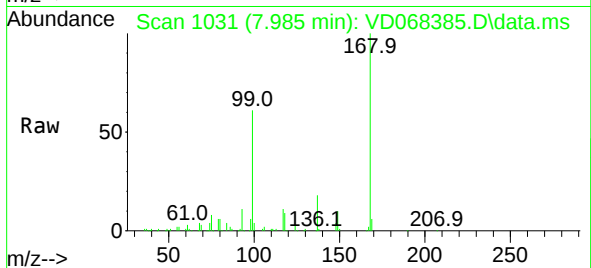




#36
1,1-Dichloropropene
Concen: 4.47 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

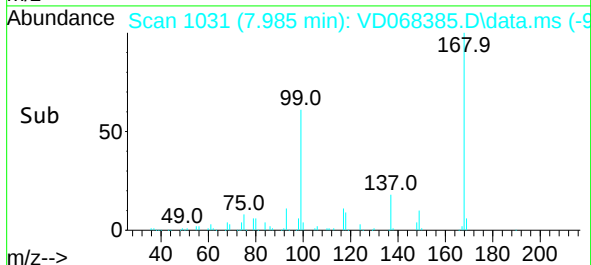
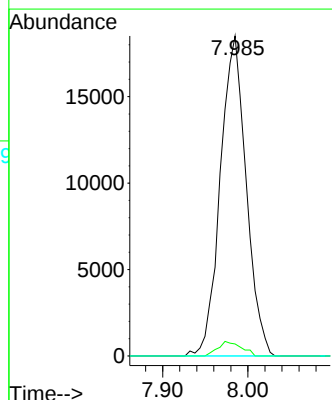
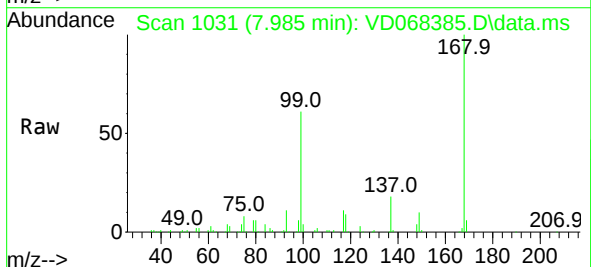
Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-A

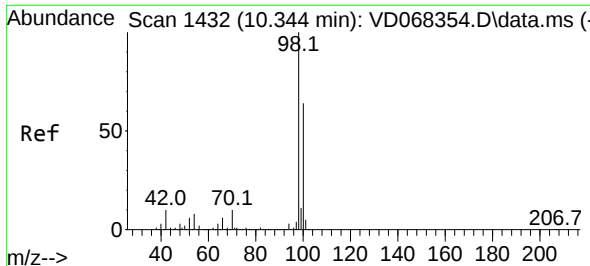
Tgt Ion: 75 Resp: 29834
Ion Ratio Lower Upper
75 100
110 9.8 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion: 117 Resp: 39145
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.7 37.1#

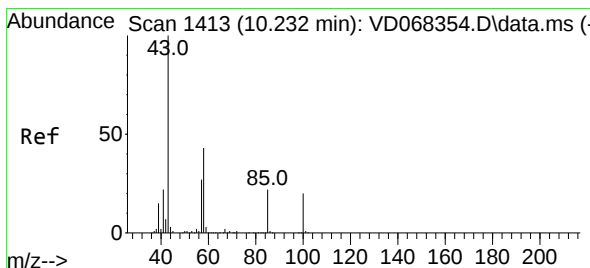
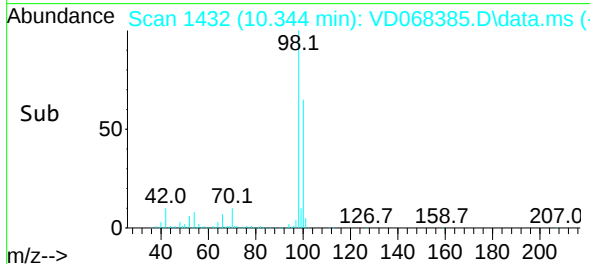
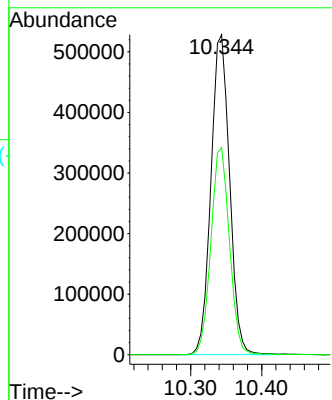
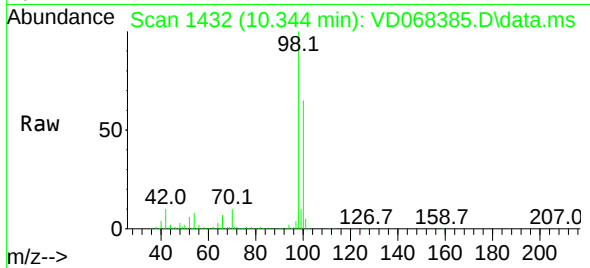




#50
Toluene-d8
Concen: 51.83 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

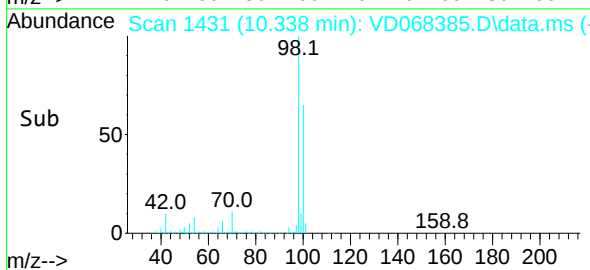
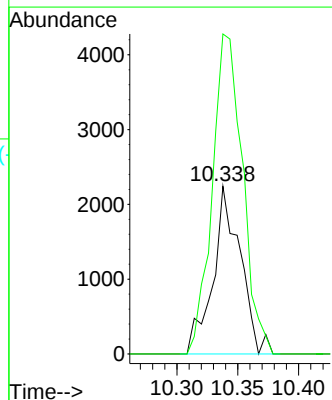
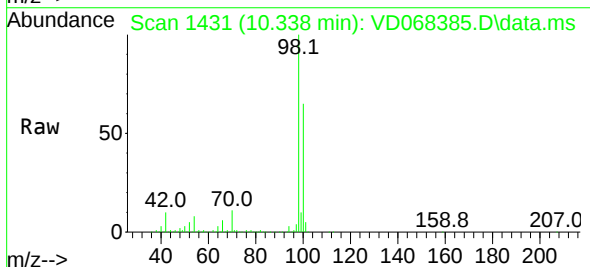
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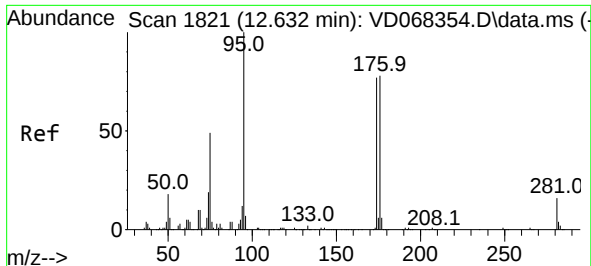
Tgt Ion: 98 Resp: 961878
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.59 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion: 43 Resp: 3517
Ion Ratio Lower Upper
43 100
58 210.8 36.1 54.1#

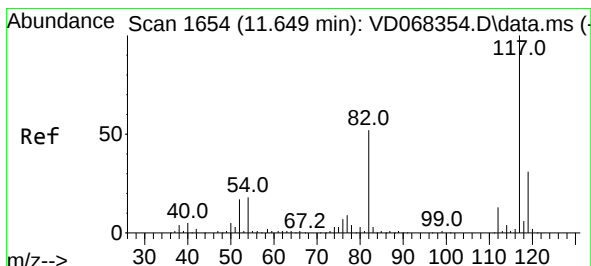
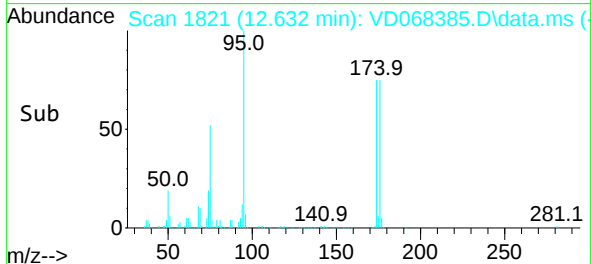
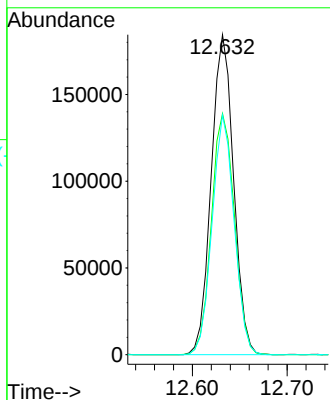
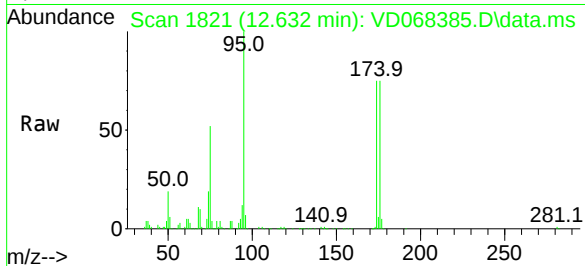




#62
4-Bromofluorobenzene
Concen: 50.06 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

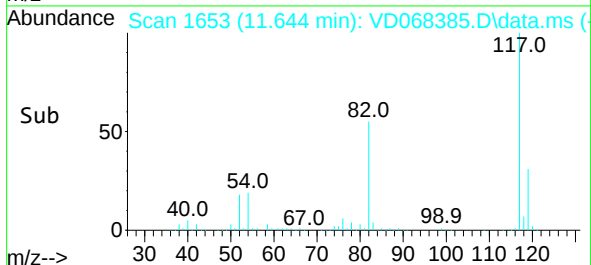
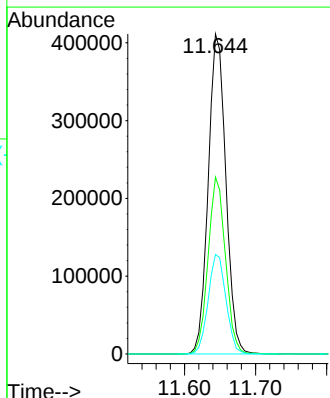
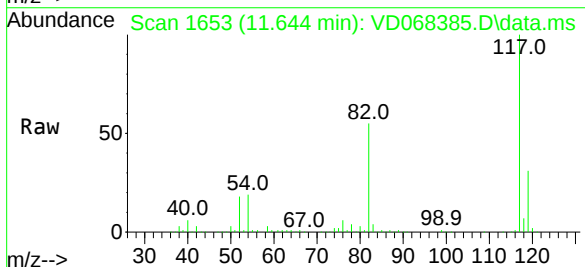
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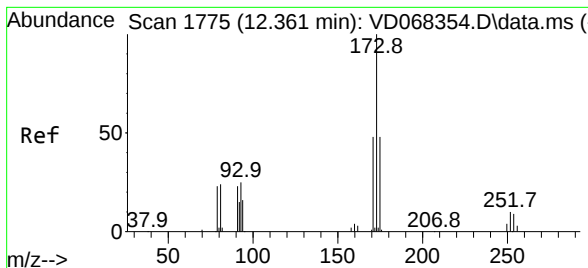
Tgt Ion:	95	Resp:	302634
Ion Ratio	Lower	Upper	
95	100		
174	77.7	0.0	172.4
176	73.9	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion:	117	Resp:	707764
Ion Ratio	Lower	Upper	
117	100		
82	55.3	41.4	62.0
119	31.1	26.1	39.1

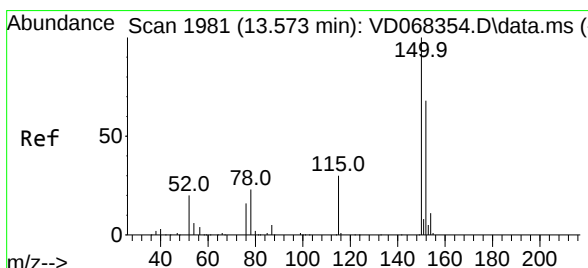
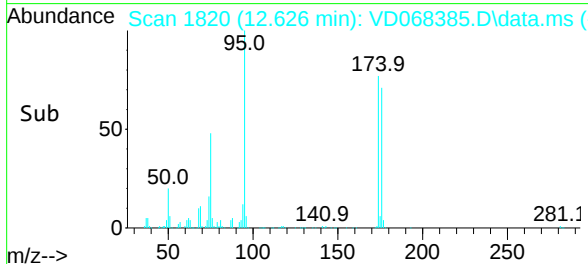
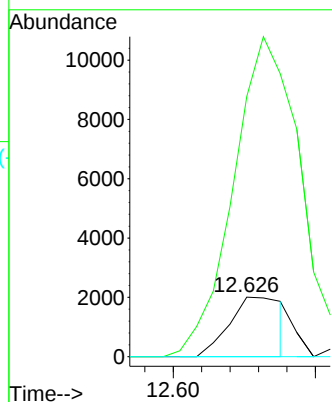
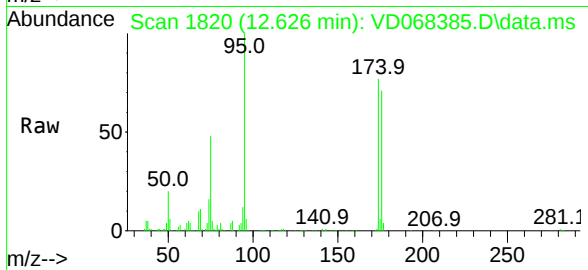




#71
Bromoform
Concen: 1.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.265 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

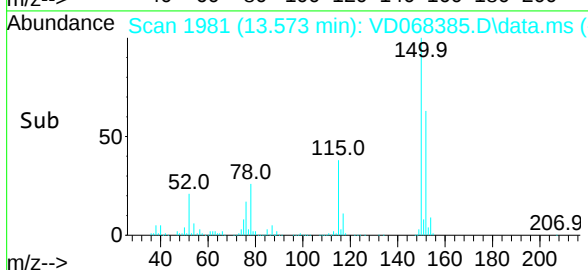
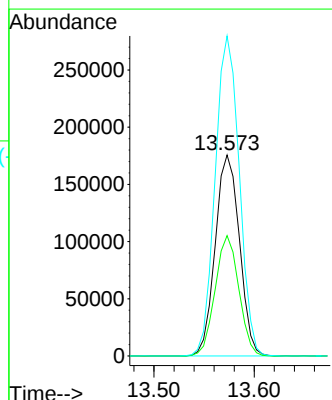
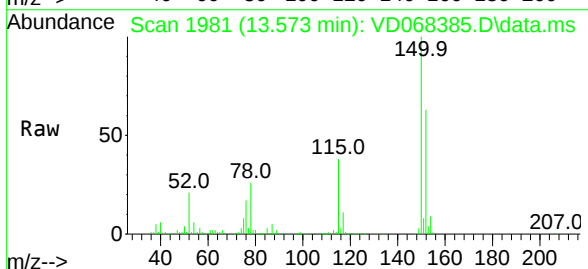
Instrument :
MSVOA_D
ClientSampleId :
SP-227-233-A

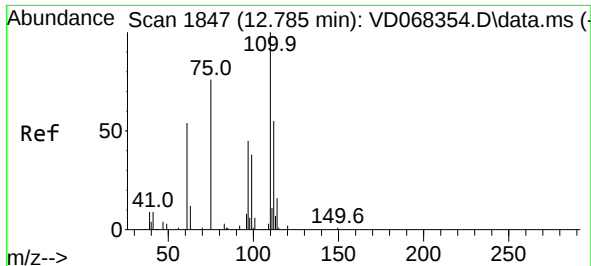
Tgt Ion:173 Resp: 2619
Ion Ratio Lower Upper
173 100
175 506.6 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion:152 Resp: 294297
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.8
150 158.4 0.0 344.4

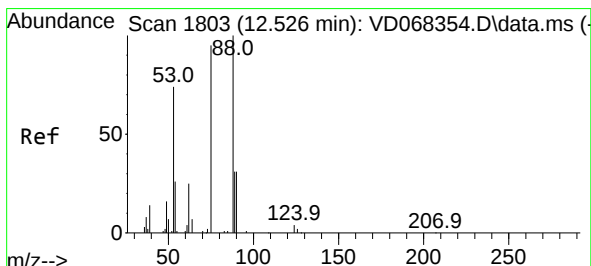
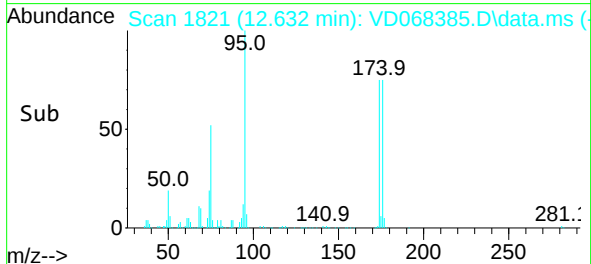
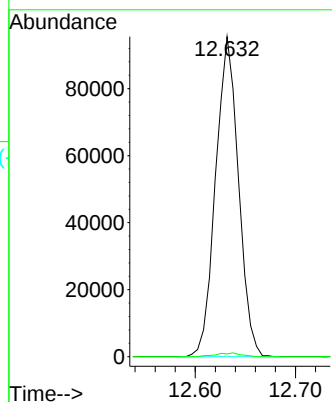
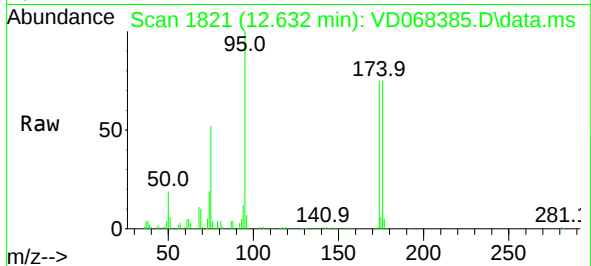




#76
1,2,3-Trichloropropane
Concen: 53.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

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

Tgt Ion: 75 Resp: 151192
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068385.D
Acq: 17 Feb 2021 16:14

Tgt Ion: 75 Resp: 151192
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

