

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068388.D
 Acq On : 17 Feb 2021 17:35
 Operator : VA/SY
 Sample : M1441-02
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-234-B

Quant Time: Feb 18 00:14:14 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)

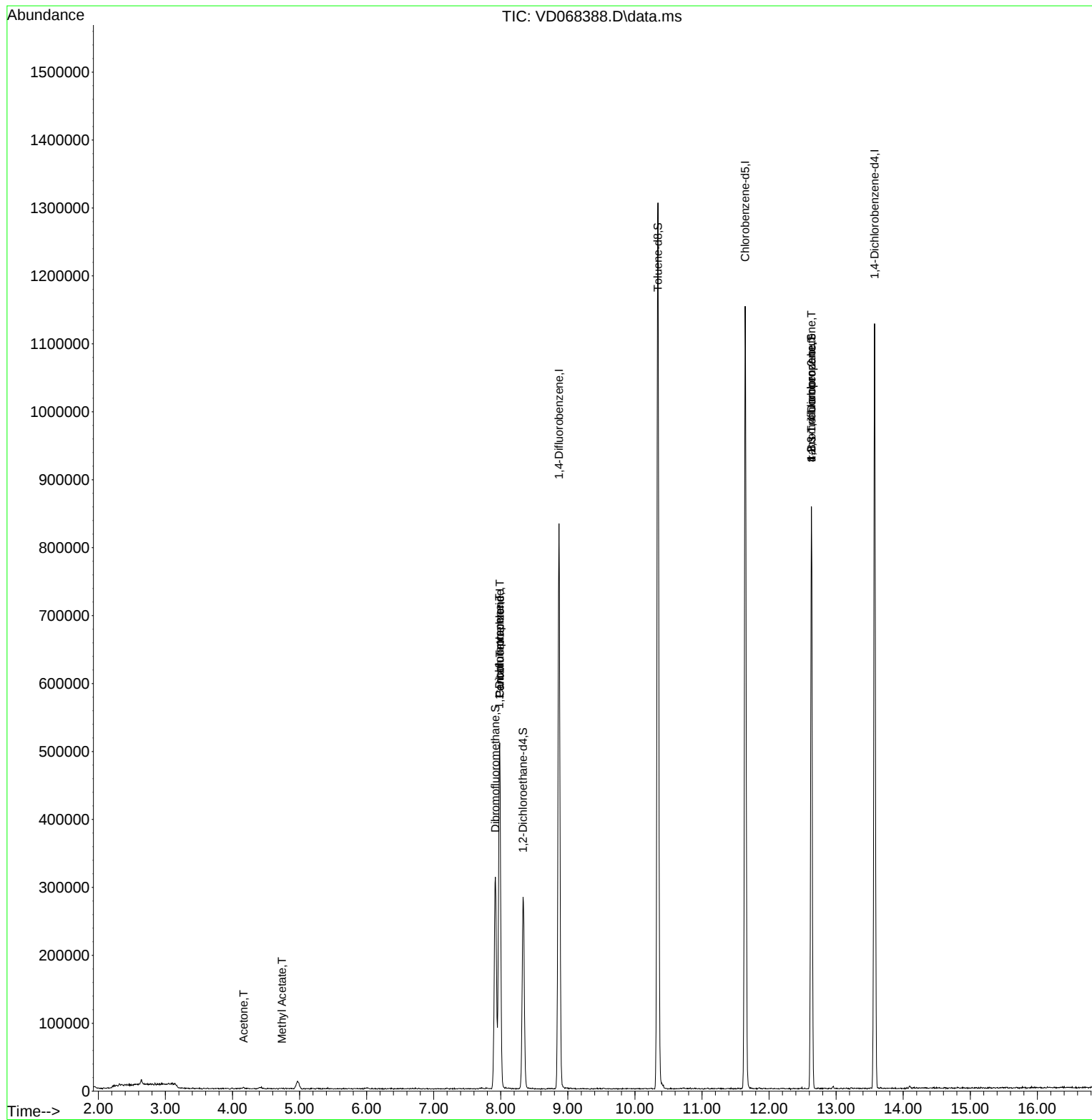
Internal Standards						
1) Pentafluorobenzene	7.985	168	380109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	737020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	686298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	296472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	227205	58.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.94%
35) Dibromofluoromethane	7.920	113	223449	51.08	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.16%
50) Toluene-d8	10.344	98	942607	51.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.96%
62) 4-Bromofluorobenzene	12.632	95	291098	49.28	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.56%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	2804	4.68	ug/l	92
18) Methyl Acetate	4.738	43	1772	1.08	ug/l #	43
20) Methylene Chloride	4.973	84	9510	Below	Cal	85
31) Cyclohexane	7.985	56	8778	Below	Cal #	15
36) 1,1-Dichloropropene	7.979	75	31511	4.83	ug/l #	47
38) Carbon Tetrachloride	7.985	117	38064	6.12	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	148583	52.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	148583	132.01	ug/l #	13

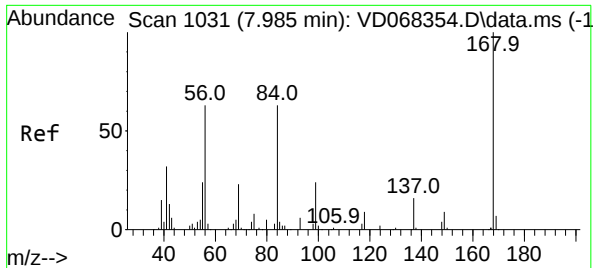
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068388.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-234-B

Quant Time: Feb 18 00:14:14 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

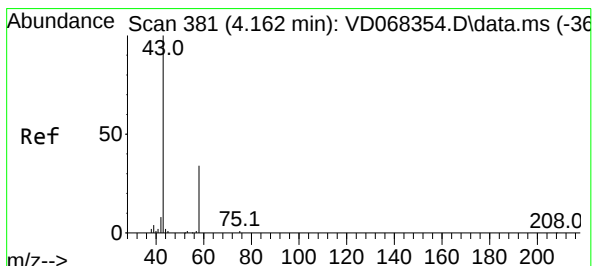
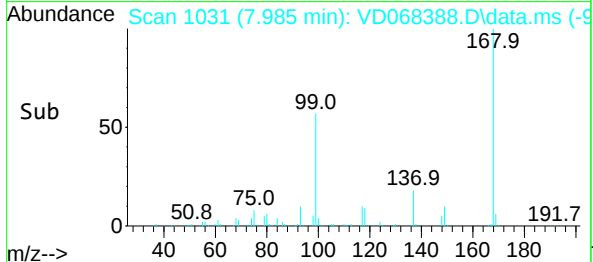
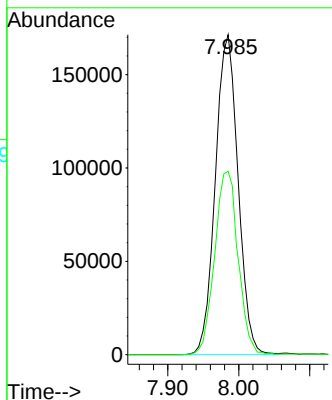
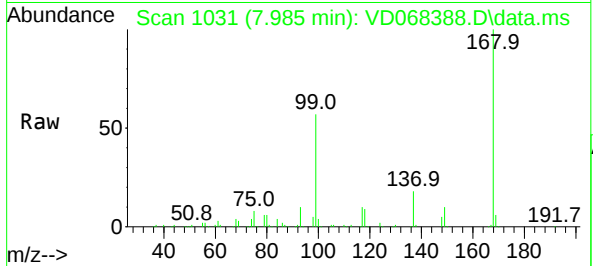




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD068388.D
 Acq: 17 Feb 2021 17:35

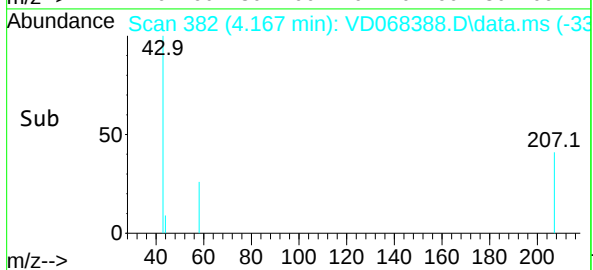
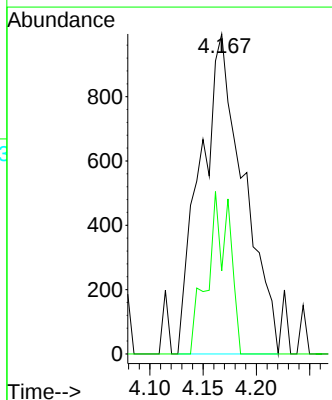
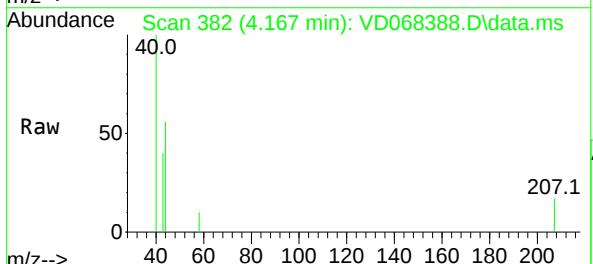
Instrument :
 MSVOA_D
 ClientSampled :
 SP-234-B

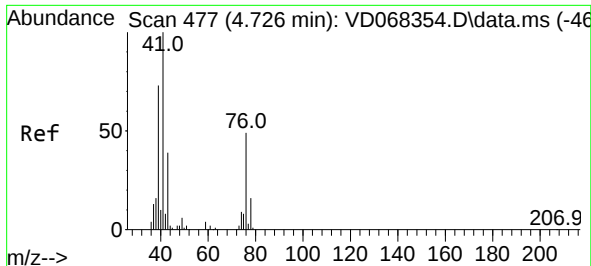
Tgt Ion:168 Resp: 380109
 Ion Ratio Lower Upper
 168 100
 99 57.3 43.5 65.3



#16
 Acetone
 Concen: 4.68 ug/l
 RT: 4.167 min Scan# 382
 Delta R.T. 0.006 min
 Lab File: VD068388.D
 Acq: 17 Feb 2021 17:35

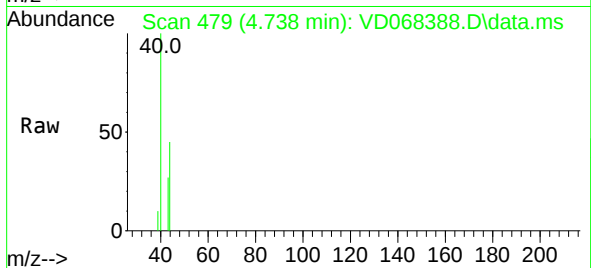
Tgt Ion: 43 Resp: 2804
 Ion Ratio Lower Upper
 43 100
 58 25.9 24.2 36.4



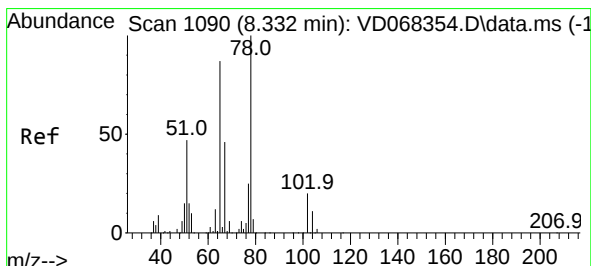
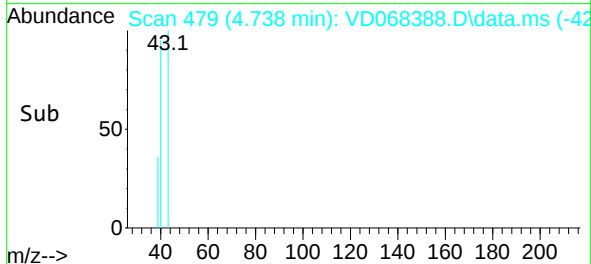
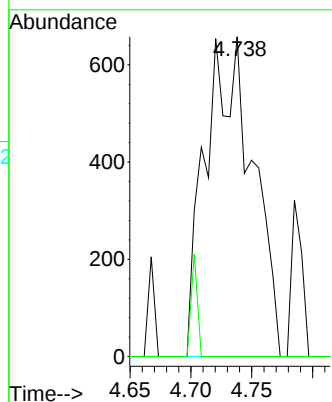


#18
Methyl Acetate
Concen: 1.08 ug/l
RT: 4.738 min Scan# 479
Delta R.T. 0.012 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Instrument :
MSVOA_D
ClientSampleId :
SP-234-B

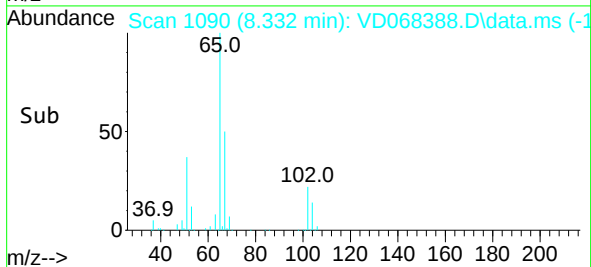
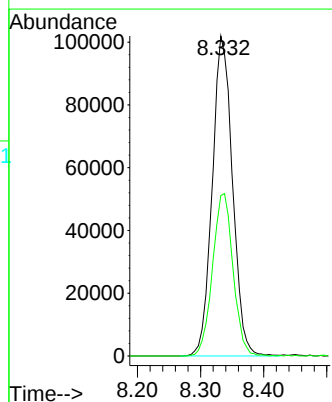
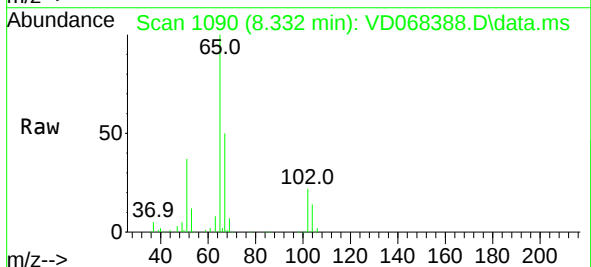


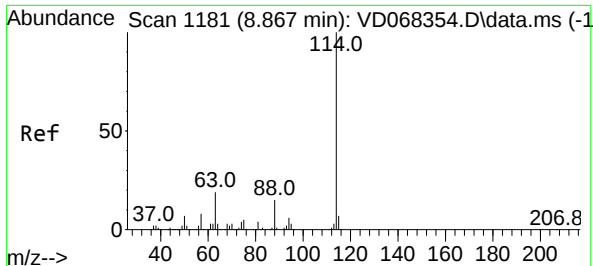
Tgt Ion: 43 Resp: 1772
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.0#



#33
1,2-Dichloroethane-d4
Concen: 58.47 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion: 65 Resp: 227205
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.0



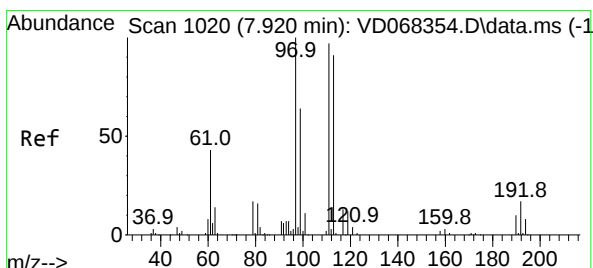
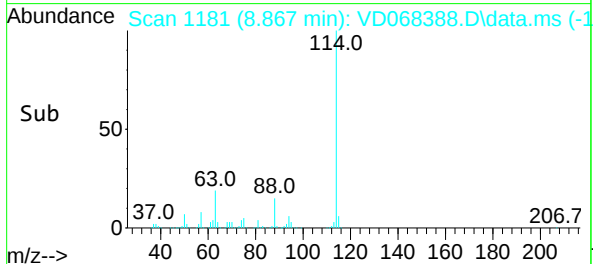
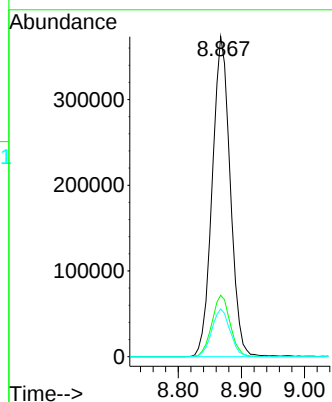
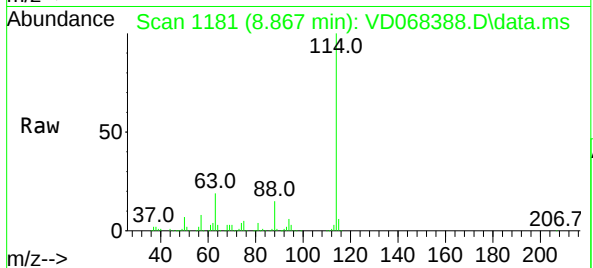


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Instrument :
MSVOA_D
ClientSampleId :
SP-234-B

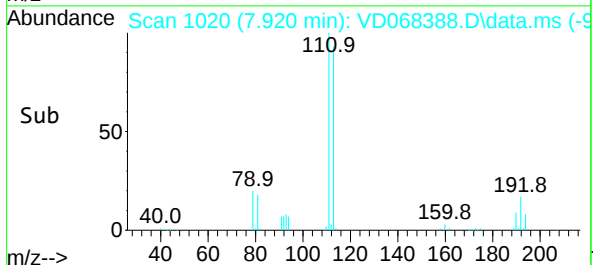
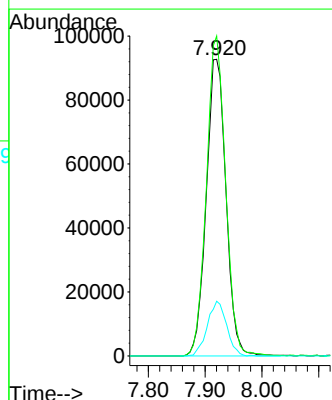
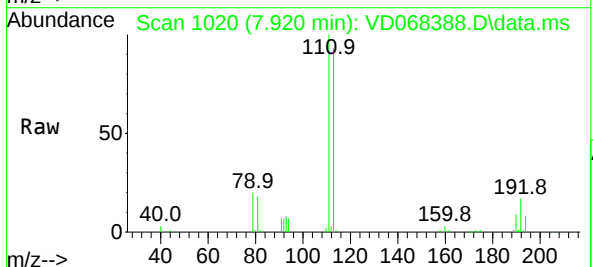
Tgt Ion:	114	Resp:	737020
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	34.8
88	14.9	0.0	31.6

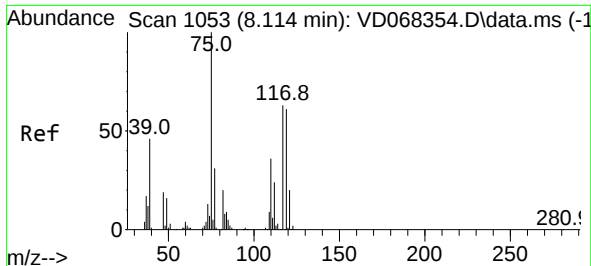


#35

Dibromofluoromethane
Concen: 51.08 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion:	113	Resp:	223449
Ion Ratio	Lower	Upper	
113	100		
111	105.0	81.4	122.0
192	18.0	16.1	24.1

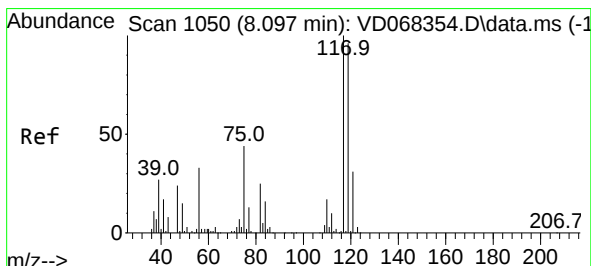
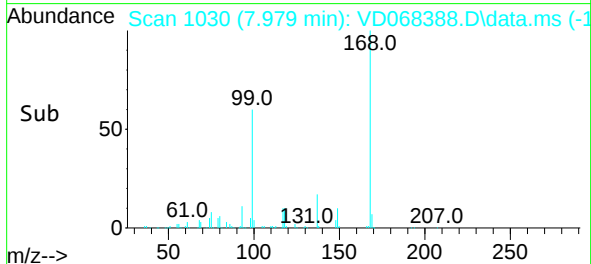
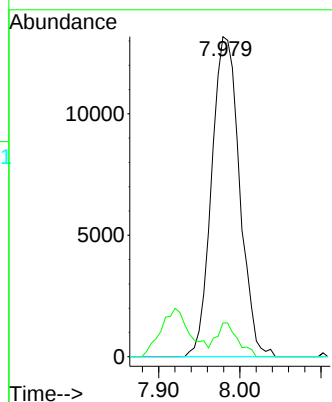
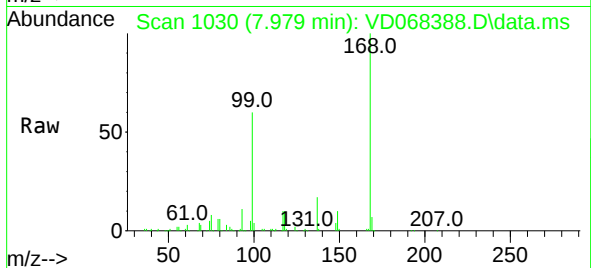




#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

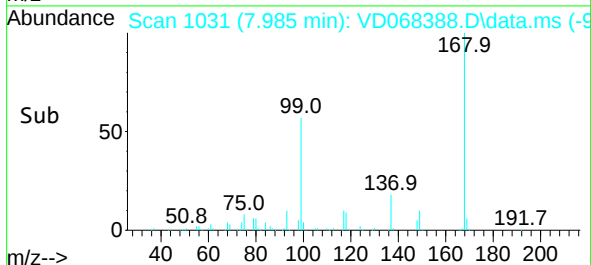
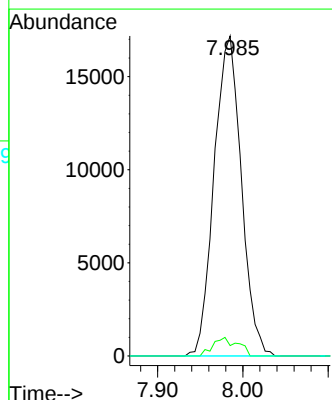
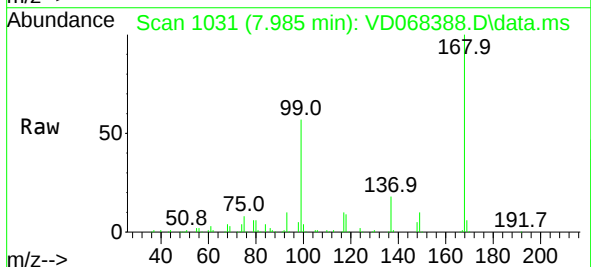
Instrument :
MSVOA_D
ClientSampleId :
SP-234-B

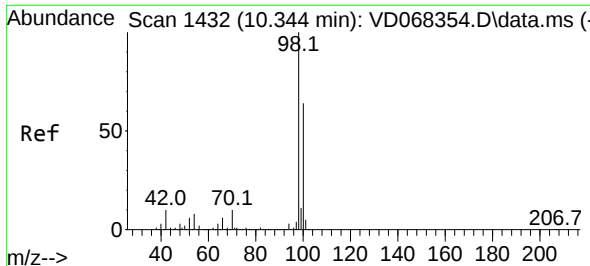
Tgt Ion: 75 Resp: 31511
Ion Ratio Lower Upper
75 100
110 8.1 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.12 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion: 117 Resp: 38064
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 24.7 37.1#

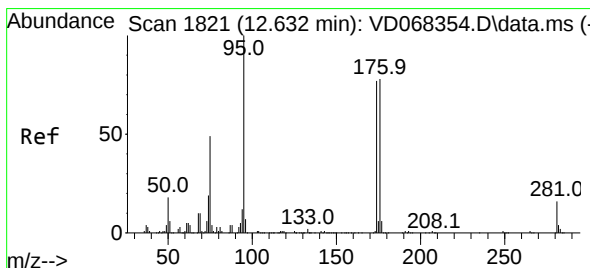
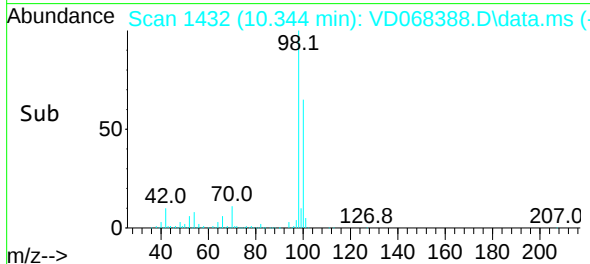
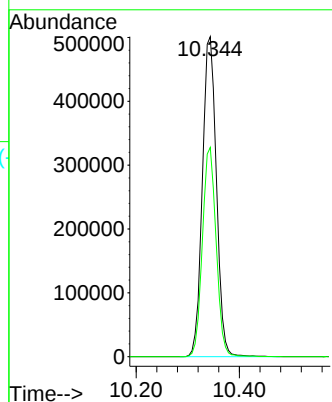
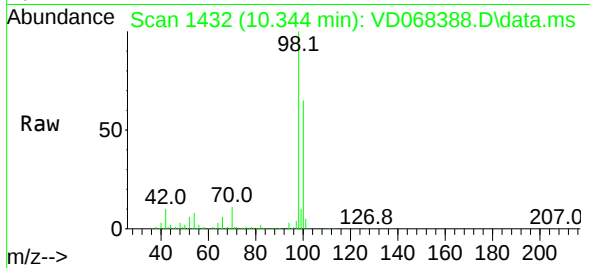




#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

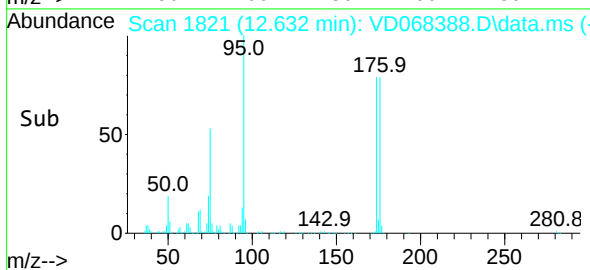
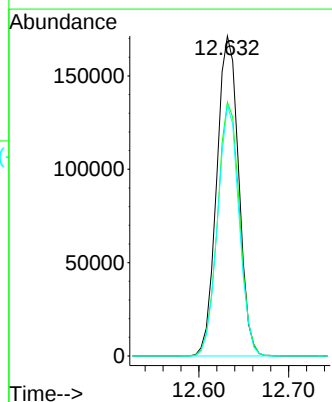
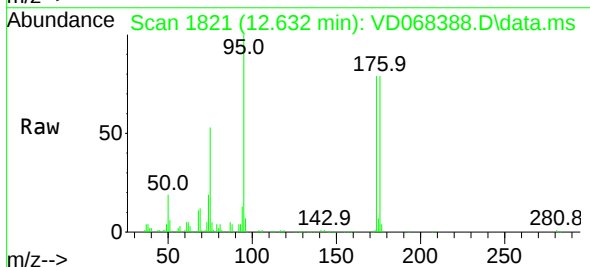
Instrument :
MSVOA_D
ClientSampled :
SP-234-B

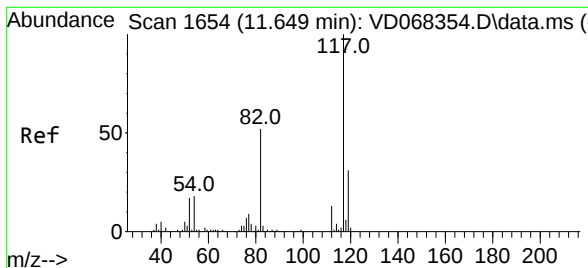
Tgt Ion: 98 Resp: 942607
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion: 95 Resp: 291098
Ion Ratio Lower Upper
95 100
174 79.6 0.0 172.4
176 76.6 0.0 168.4

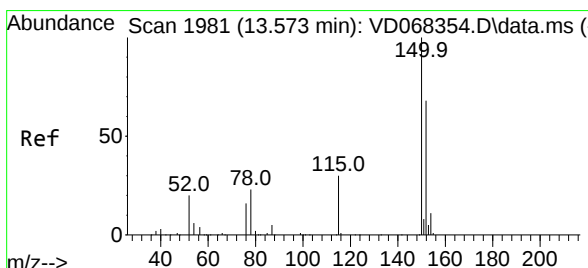
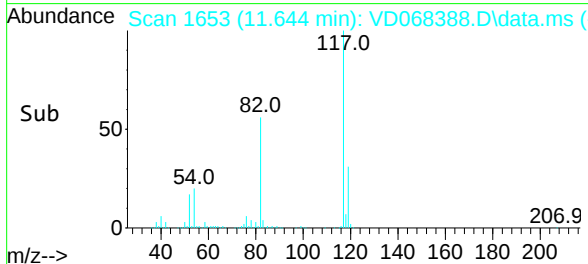
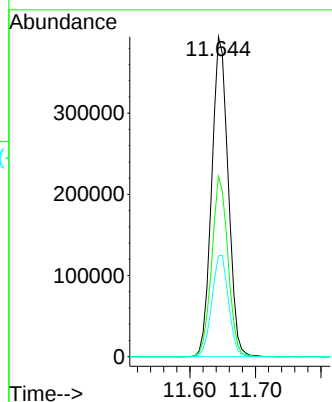
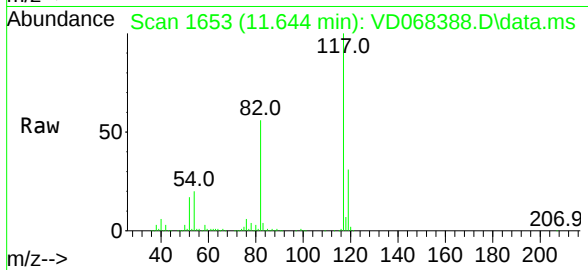




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

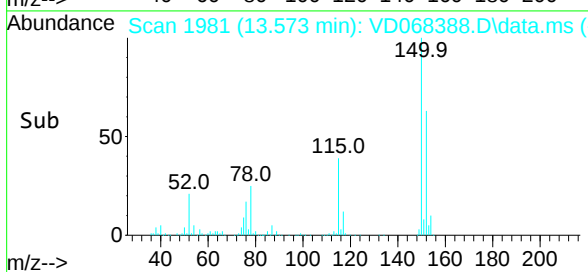
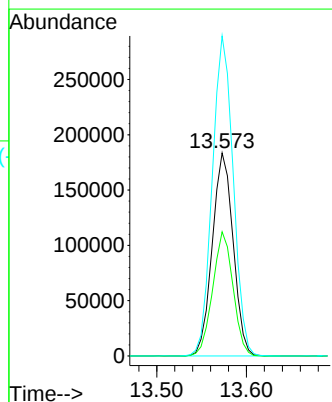
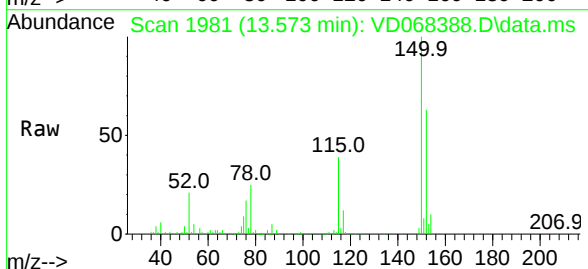
Instrument :
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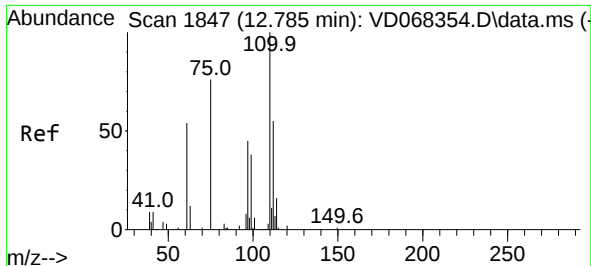
Tgt Ion:117 Resp: 686298
Ion Ratio Lower Upper
117 100
82 56.4 41.4 62.0
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion:152 Resp: 296472
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 158.0 0.0 344.4

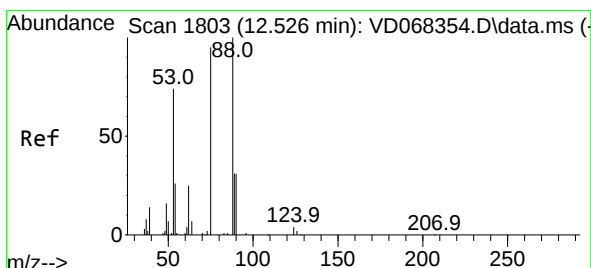
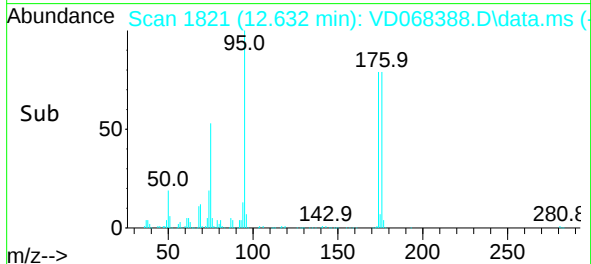
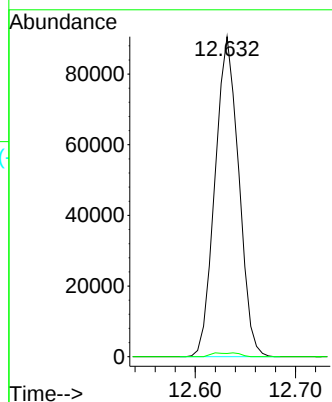
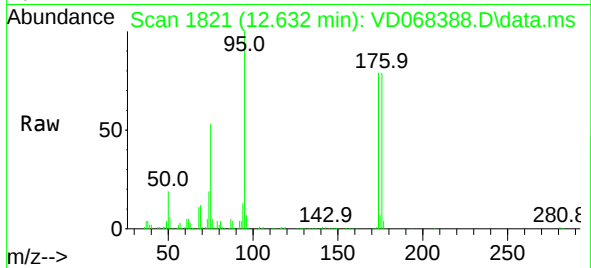




#76
1,2,3-Trichloropropane
Concen: 52.67 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Instrument :
MSVOA_D
ClientSampleId :
SP-234-B

Tgt Ion: 75 Resp: 148583
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.01 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068388.D
Acq: 17 Feb 2021 17:35

Tgt Ion: 75 Resp: 148583
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

