

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068404.D
 Acq On : 19 Feb 2021 17:00
 Operator : VA/SY
 Sample : M1452-17
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Feb 19 23:32:07 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)

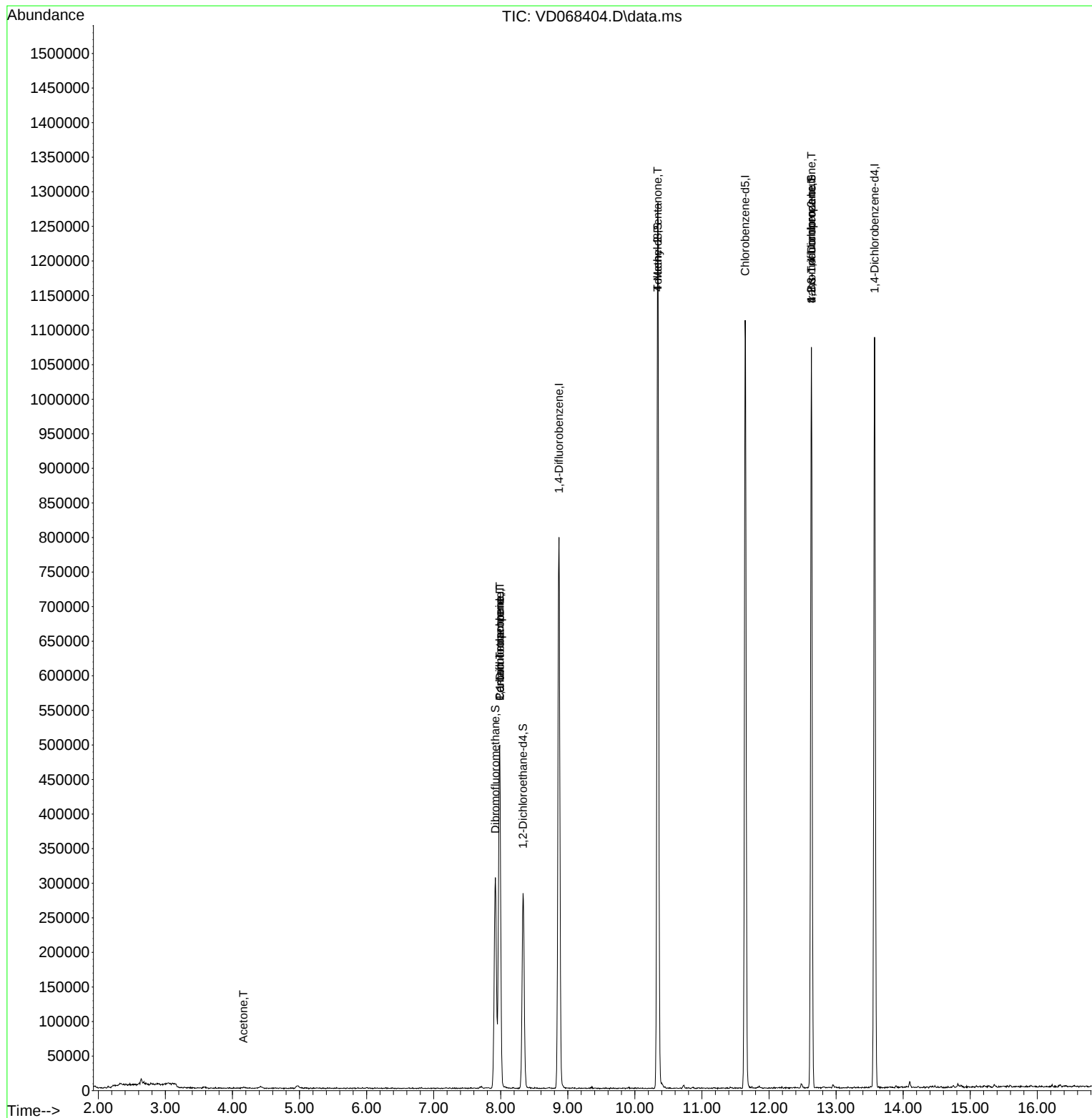
Internal Standards						
1) Pentafluorobenzene	7.985	168	378491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	728167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	672824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	291665	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	225789	58.35	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.70%
35) Dibromofluoromethane	7.920	113	217591	50.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.68%
50) Toluene-d8	10.338	98	916988	51.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.38%
62) 4-Bromofluorobenzene	12.632	95	289907	49.68	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.36%
Target Compounds						
16) Acetone	4.162	43	2445	4.10	ug/l #	44
20) Methylene Chloride	4.967	84	3101	Below Cal	#	80
31) Cyclohexane	7.985	56	8609	Below Cal	#	48
36) 1,1-Dichloropropene	7.985	75	30461	4.73	ug/l #	48
38) Carbon Tetrachloride	7.985	117	38662	6.29	ug/l #	17
51) 4-Methyl-2-Pentanone	10.338	43	3167	1.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	154435	55.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	154435	139.48	ug/l #	13

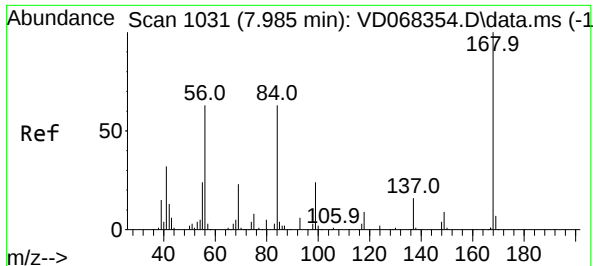
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Quant Time: Feb 19 23:32:07 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

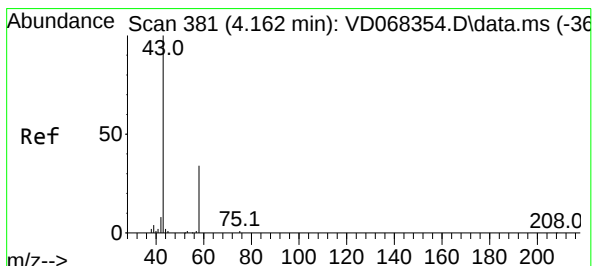
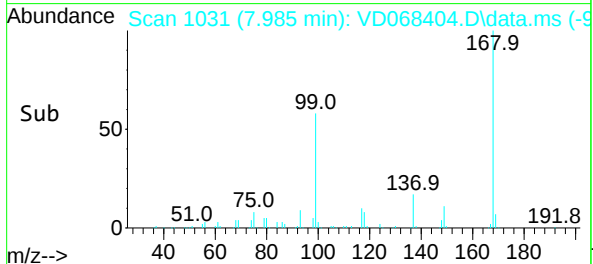
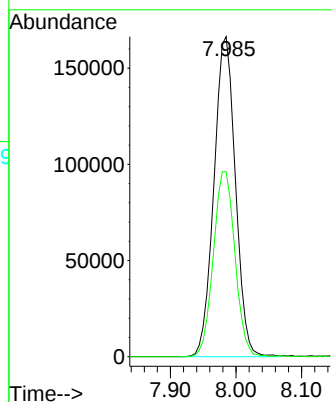
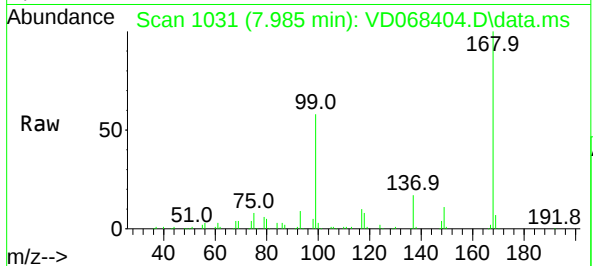




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

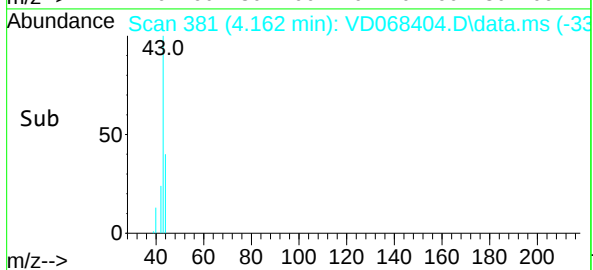
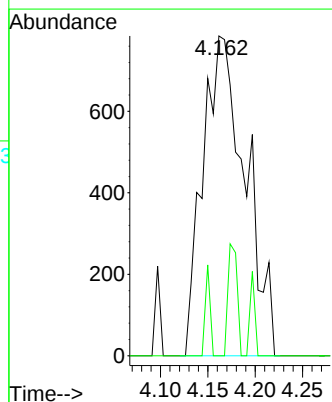
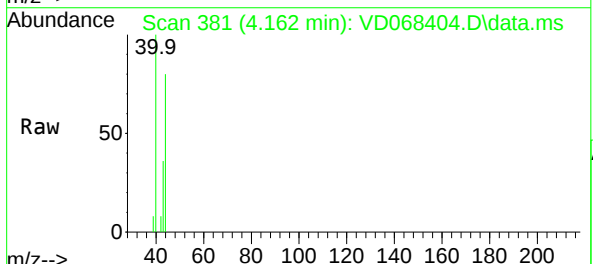
Instrument :
MSVOA_D
ClientSampled :
TP-5

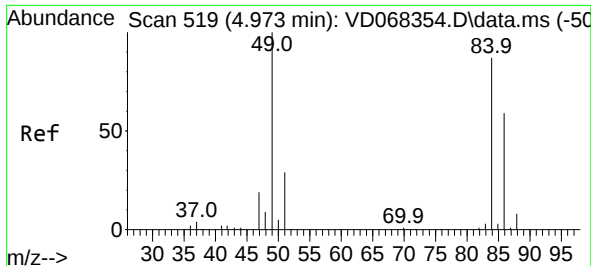
Tgt Ion:168 Resp: 378491
Ion Ratio Lower Upper
168 100
99 57.8 43.5 65.3



#16
Acetone
Concen: 4.10 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

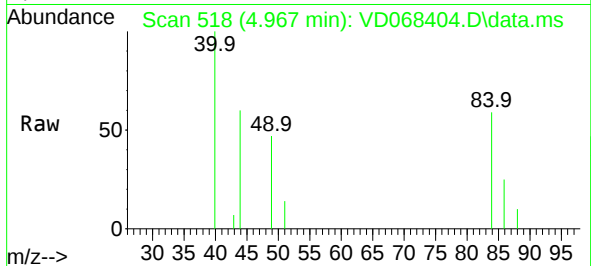
Tgt Ion: 43 Resp: 2445
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



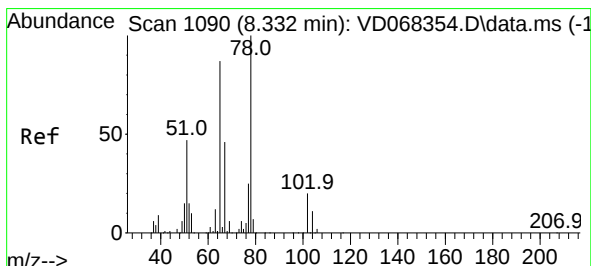
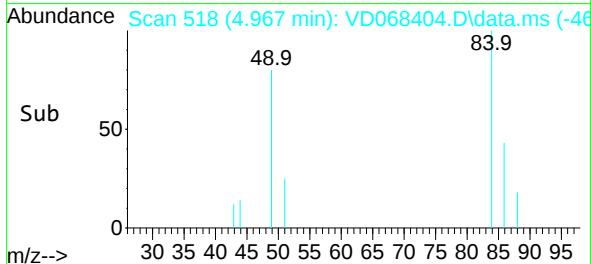
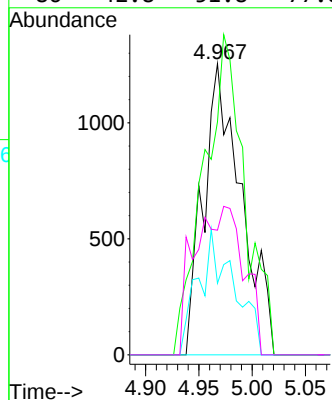


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

Instrument :
MSVOA_D
ClientSampled :
TP-5

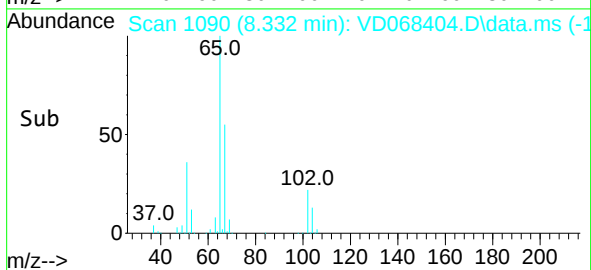
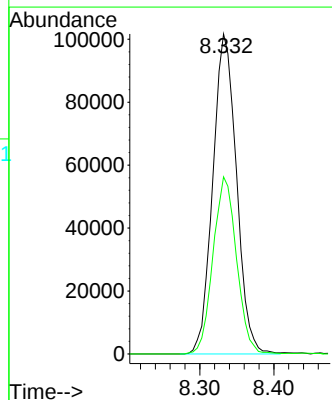
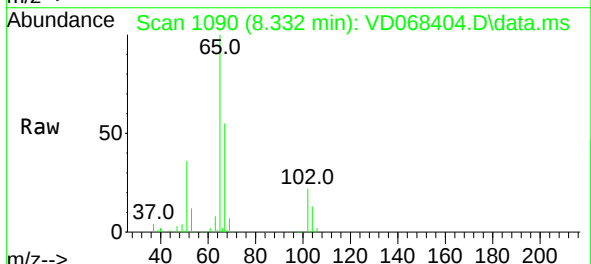


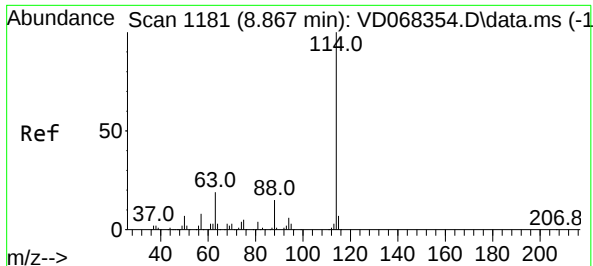
Tgt Ion: 84 Resp: 3101
Ion Ratio Lower Upper
84 100
49 80.0 77.4 116.2
51 24.5 26.1 39.1#
86 42.8 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 58.35 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

Tgt Ion: 65 Resp: 225789
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.0



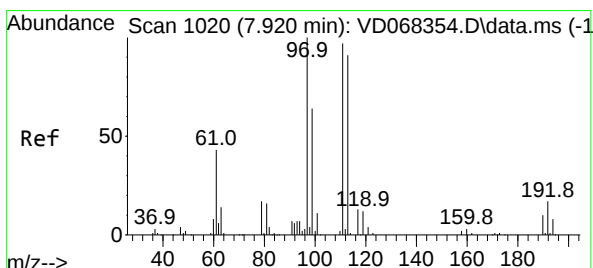
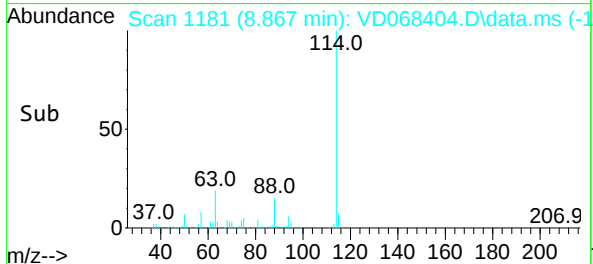
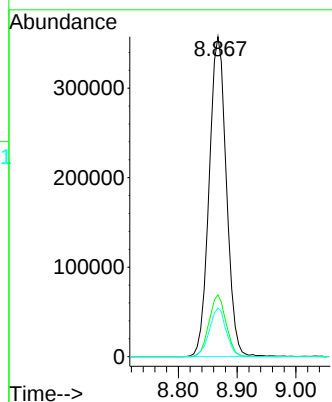
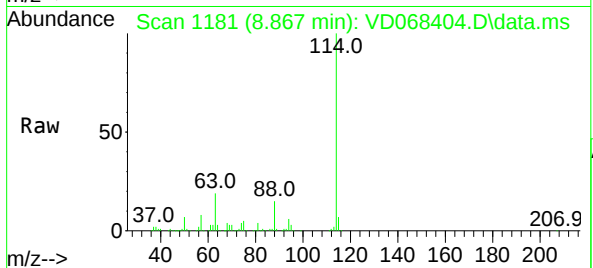


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

Instrument :
MSVOA_D
ClientSampled :
TP-5

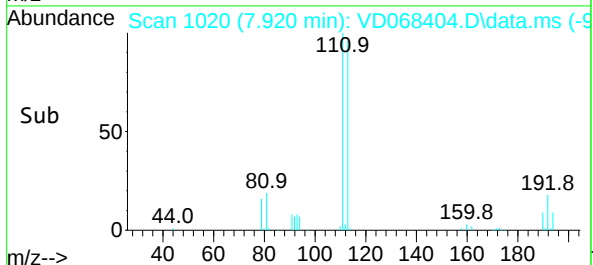
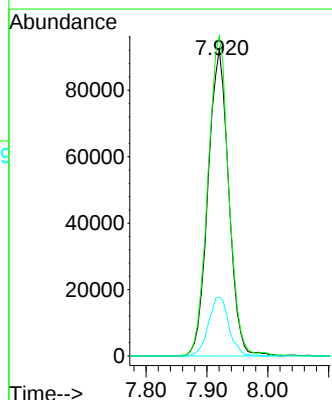
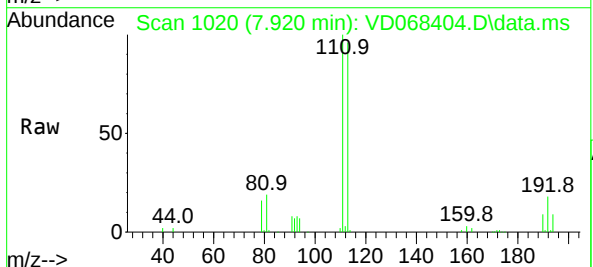
Tgt Ion:	114	Resp:	728167
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	34.8
88	15.2	0.0	31.6

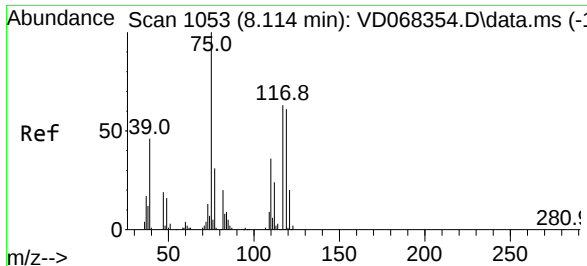


#35

Dibromofluoromethane
Concen: 50.34 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

Tgt Ion:	113	Resp:	217591
Ion Ratio	Lower	Upper	
113	100		
111	105.1	81.4	122.0
192	19.0	16.1	24.1

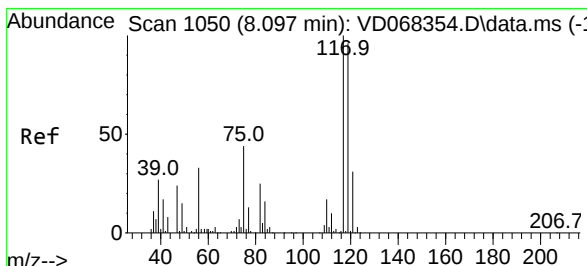
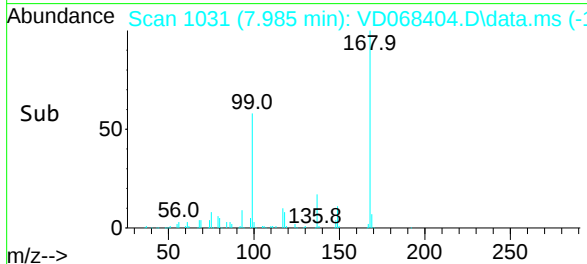
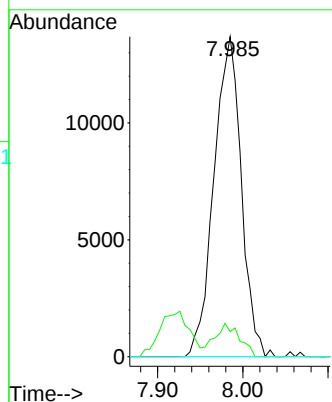
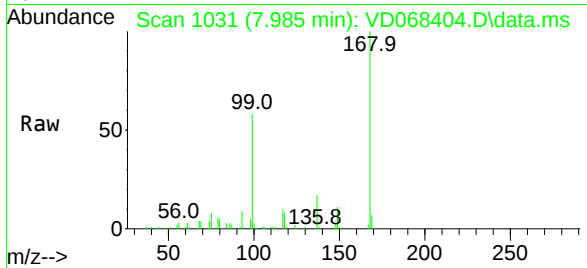




#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

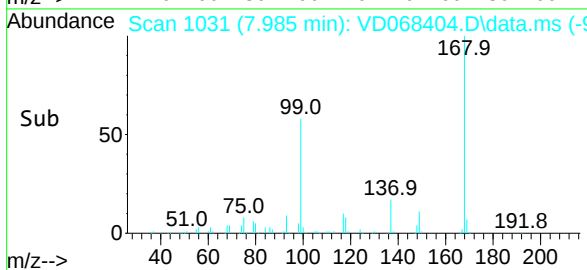
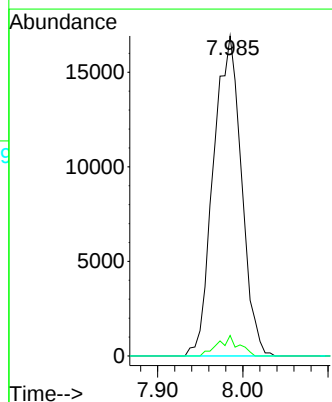
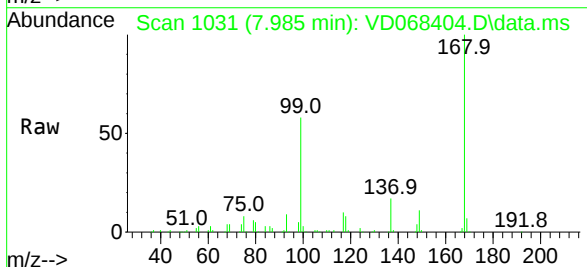
Instrument :
MSVOA_D
ClientSampled :
TP-5

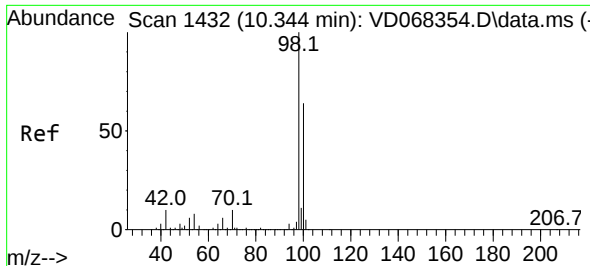
Tgt Ion: 75 Resp: 30461
Ion Ratio Lower Upper
75 100
110 9.7 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

Tgt Ion: 117 Resp: 38662
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.7 37.1#

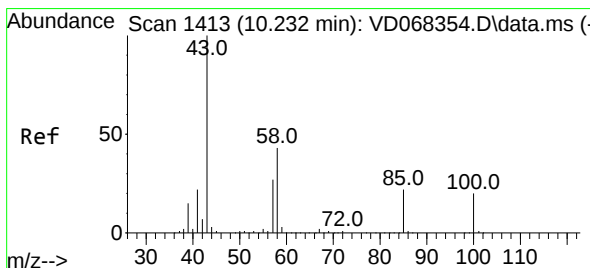
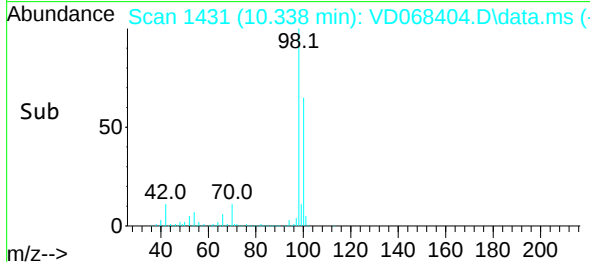
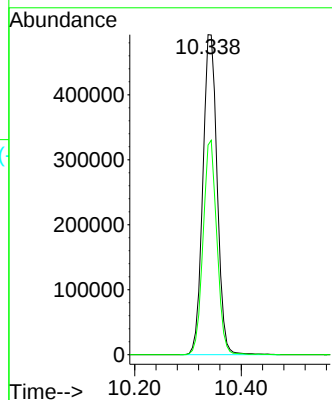
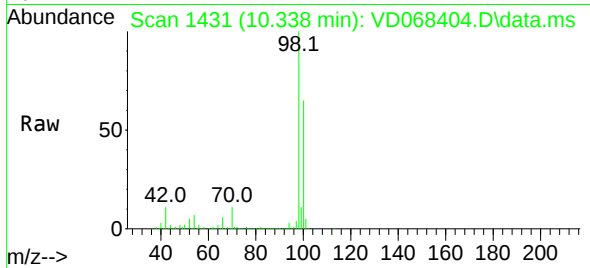




#50
Toluene-d8
Concen: 51.19 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

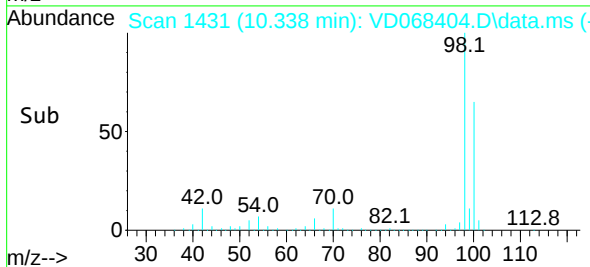
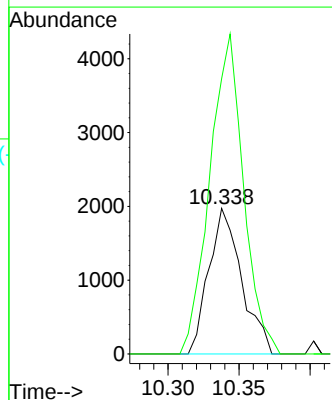
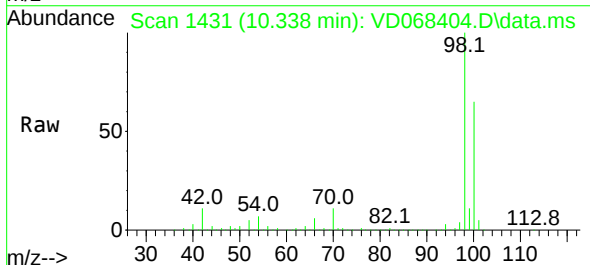
Instrument :
MSVOA_D
ClientSampleId :
TP-5

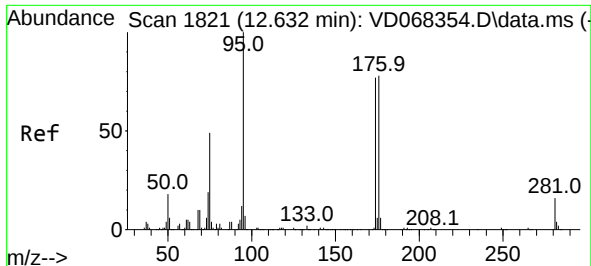
Tgt Ion: 98 Resp: 916988
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.48 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

Tgt Ion: 43 Resp: 3167
Ion Ratio Lower Upper
43 100
58 226.1 36.1 54.1#

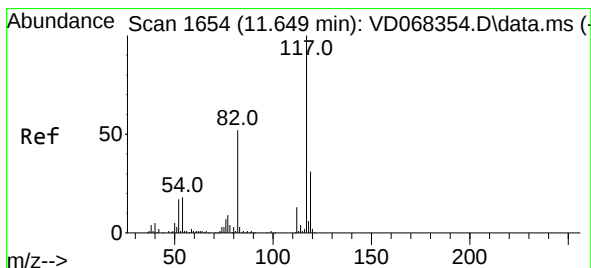
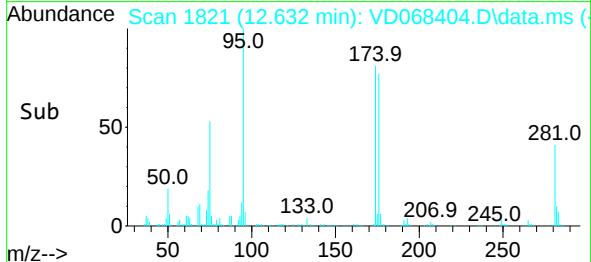
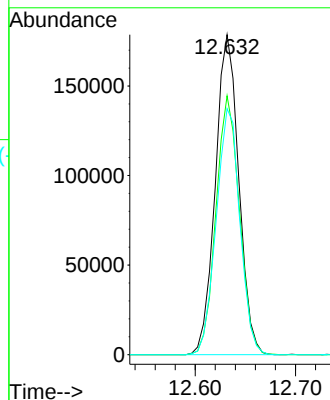
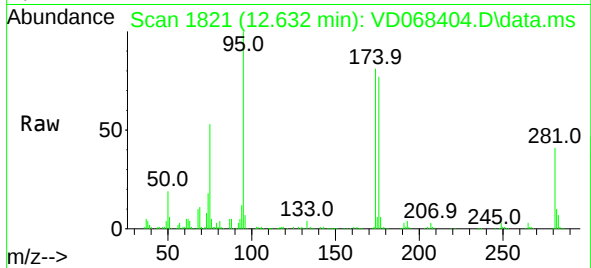




#62
4-Bromofluorobenzene
Concen: 49.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

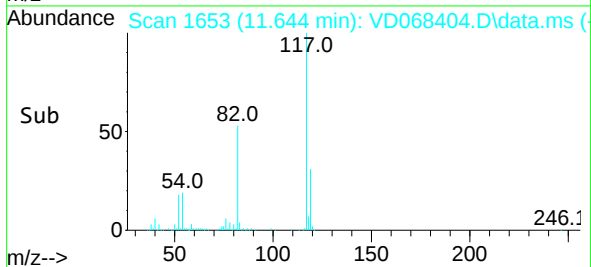
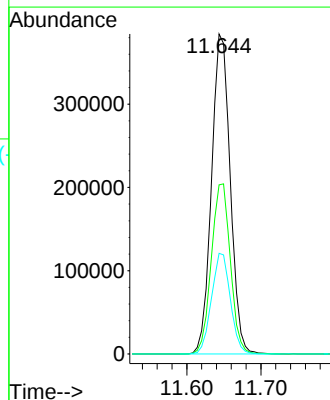
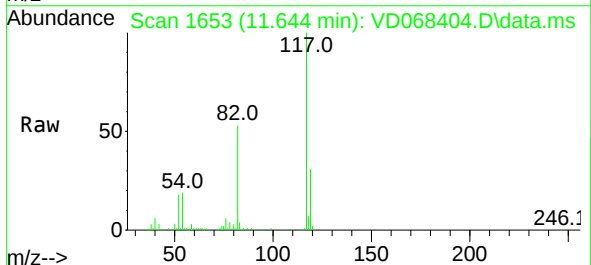
Instrument :
MSVOA_D
ClientSampled :
TP-5

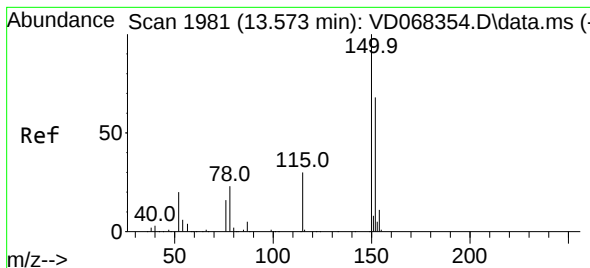
Tgt Ion: 95 Resp: 289907
Ion Ratio Lower Upper
95 100
174 80.9 0.0 172.4
176 77.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

Tgt Ion:117 Resp: 672824
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 31.4 26.1 39.1

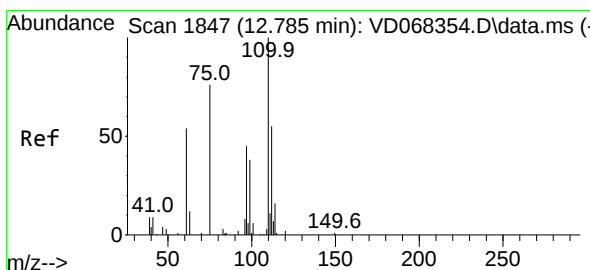
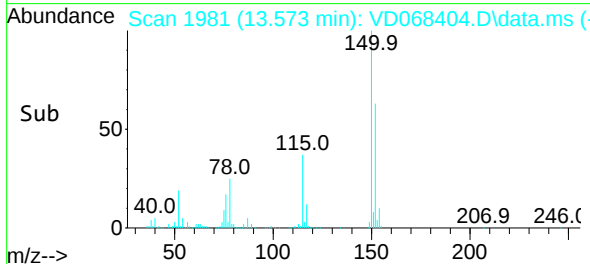
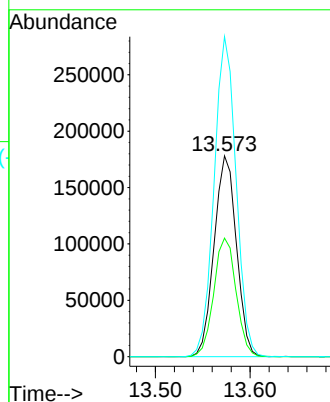
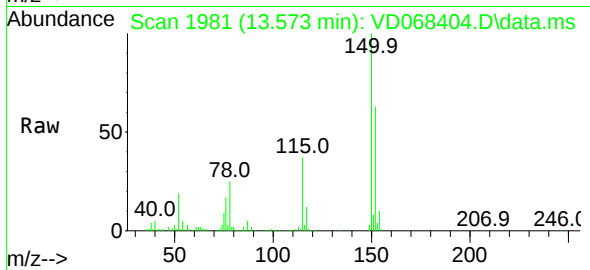




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

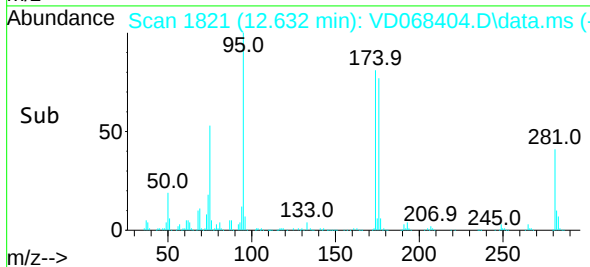
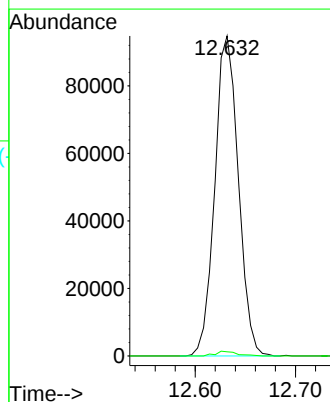
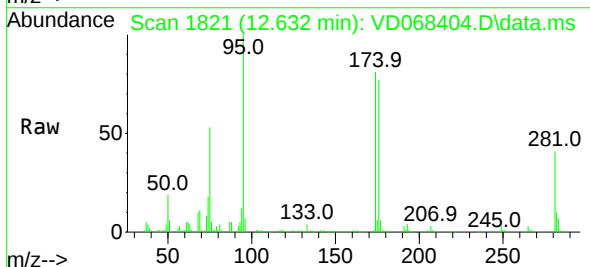
Instrument :
MSVOA_D
ClientSampled :
TP-5

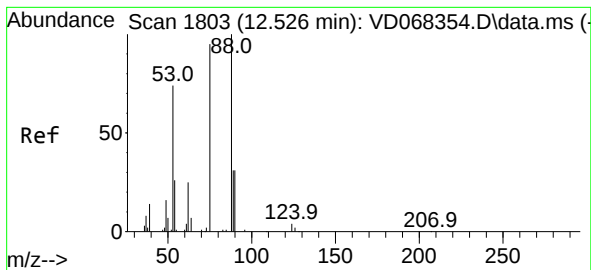
Tgt Ion:152 Resp: 291665
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 157.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 55.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

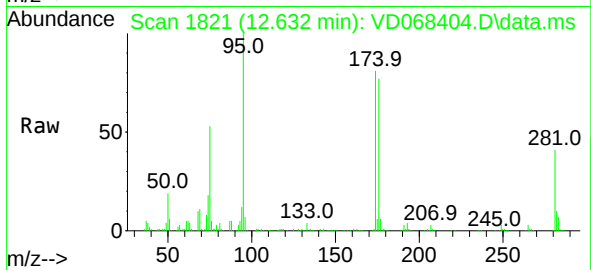
Tgt Ion: 75 Resp: 154435
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 139.48 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068404.D
Acq: 19 Feb 2021 17:00

Instrument :
MSVOA_D
ClientSampleId :
TP-5



Tgt Ion: 75 Resp: 154435
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

