

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068403.D
 Acq On : 19 Feb 2021 16:33
 Operator : VA/SY
 Sample : M1452-13
 Misc : 6.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Feb 19 23:31:52 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)

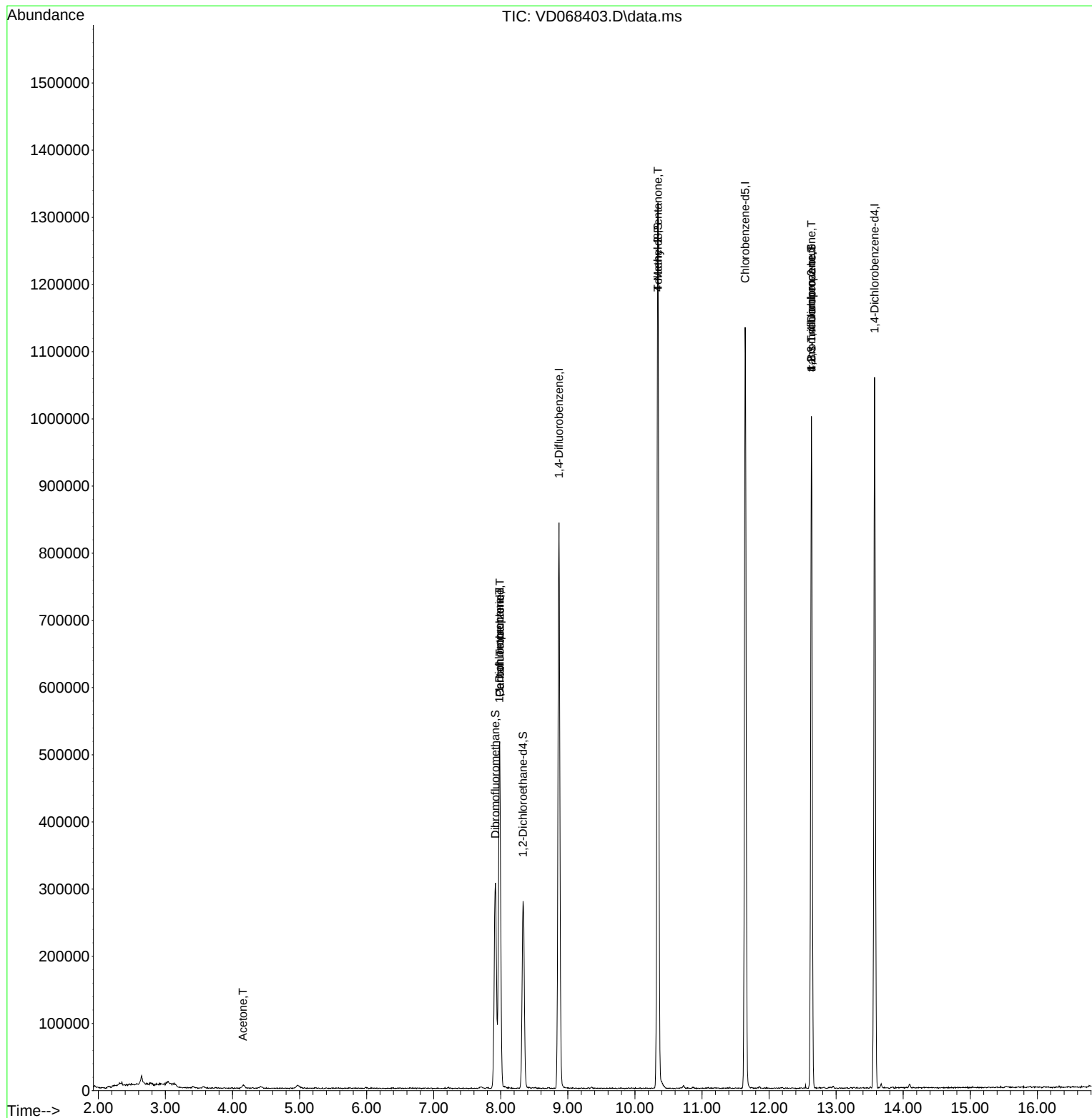
Internal Standards						
1) Pentafluorobenzene	7.985	168	385112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	734961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	677004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	281574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	227691	57.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.66%
35) Dibromofluoromethane	7.920	113	225407	51.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.34%
50) Toluene-d8	10.343	98	941809	52.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.18%
62) 4-Bromofluorobenzene	12.631	95	292115	49.60	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.20%
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	8640	14.22	ug/l #	74
20) Methylene Chloride	4.967	84	3385	Below Cal	#	84
31) Cyclohexane	7.985	56	9165	Below Cal	#	20
36) 1,1-Dichloropropene	7.979	75	31189	4.80	ug/l #	48
38) Carbon Tetrachloride	7.985	117	39578	6.38	ug/l #	15
51) 4-Methyl-2-Pentanone	10.343	43	3975	1.84	ug/l #	1
76) 1,2,3-Trichloropropane	12.631	75	147932	55.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	147932	138.39	ug/l #	14

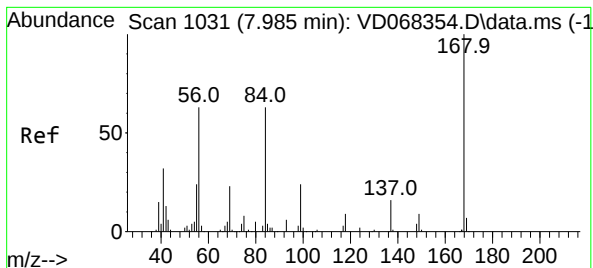
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

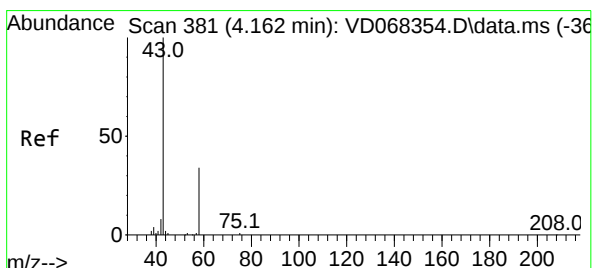
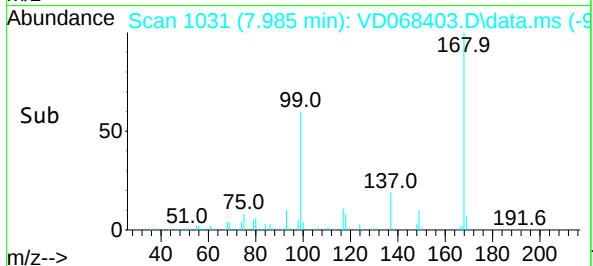
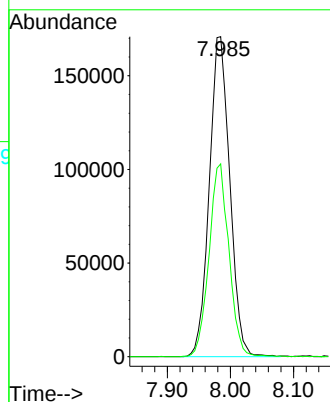
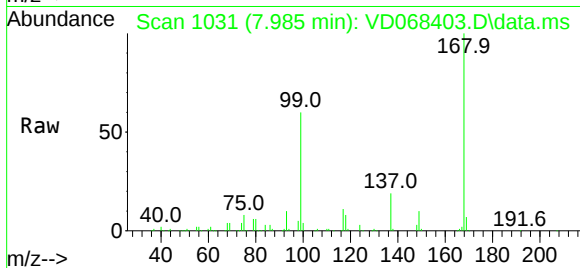




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

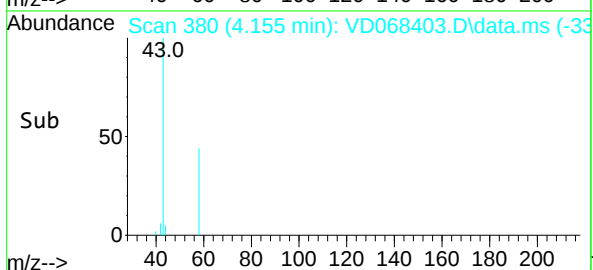
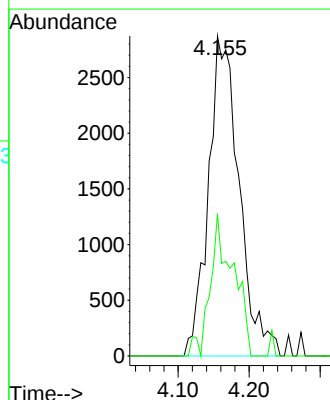
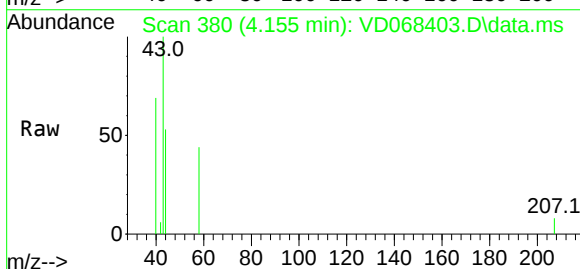
Instrument :
MSVOA_D
ClientSampleId :
TP-4

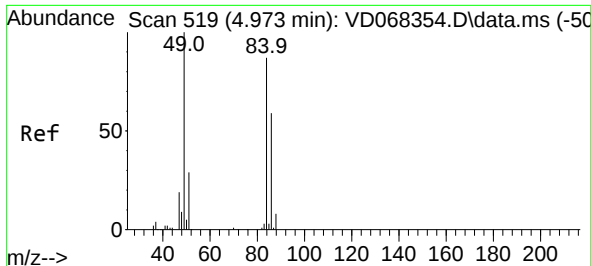
Tgt Ion:168 Resp: 385112
Ion Ratio Lower Upper
168 100
99 60.3 43.5 65.3



#16
Acetone
Concen: 14.22 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

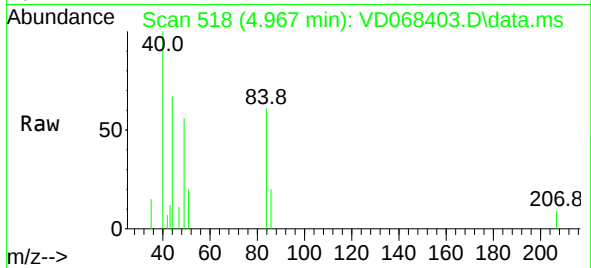
Tgt Ion: 43 Resp: 8640
Ion Ratio Lower Upper
43 100
58 44.4 24.2 36.4#



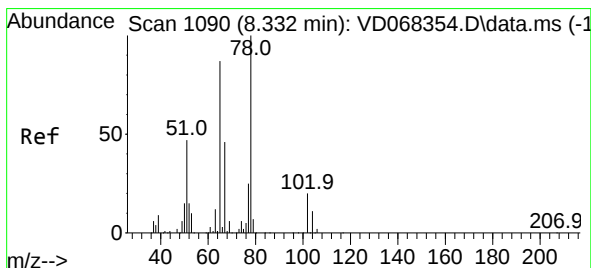
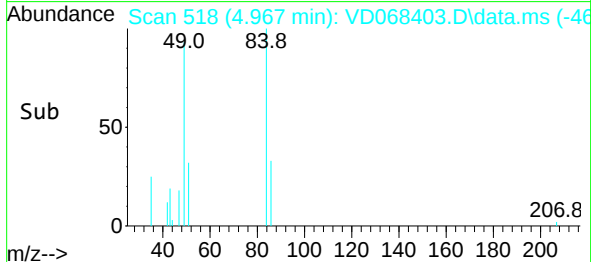
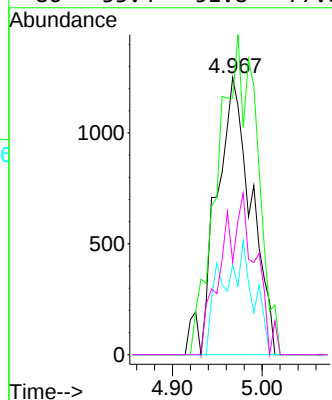


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

Instrument :
MSVOA_D
ClientSampled :
TP-4

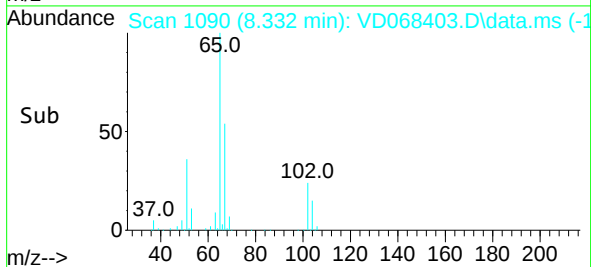
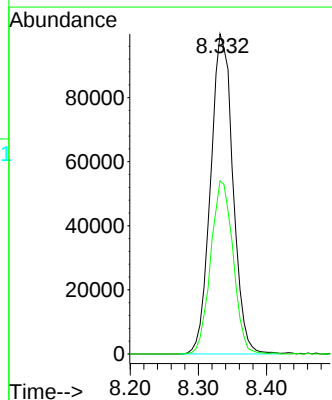
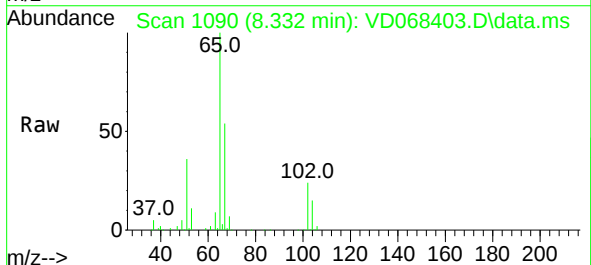


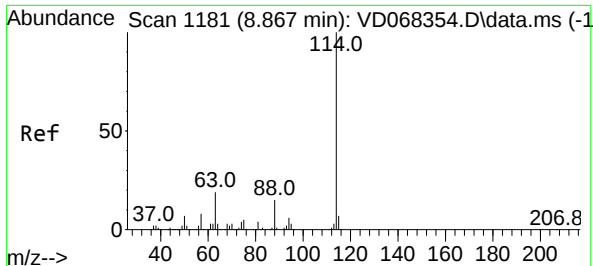
Tgt Ion: 84 Resp: 3385
Ion Ratio Lower Upper
84 100
49 92.6 77.4 116.2
51 32.4 26.1 39.1
86 33.4 51.8 77.8#



#33
1,2-Dichloroethane-d4
Concen: 57.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

Tgt Ion: 65 Resp: 227691
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0



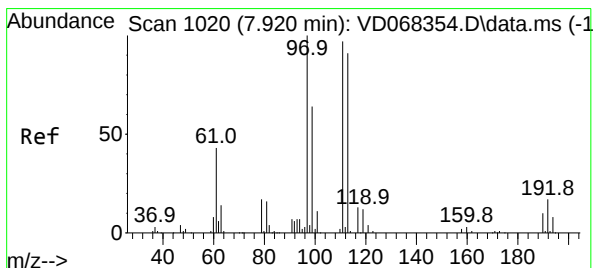
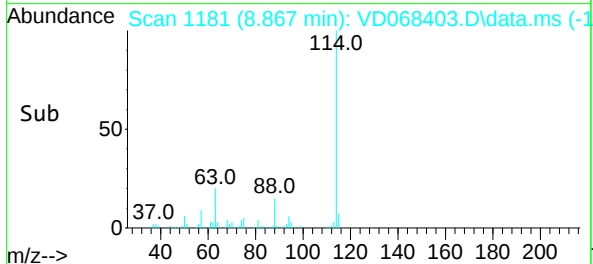
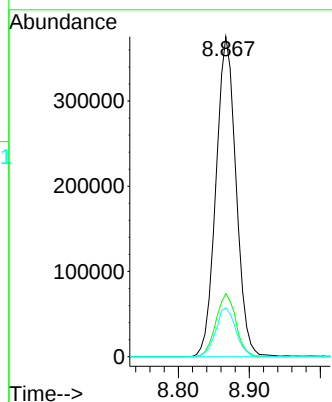
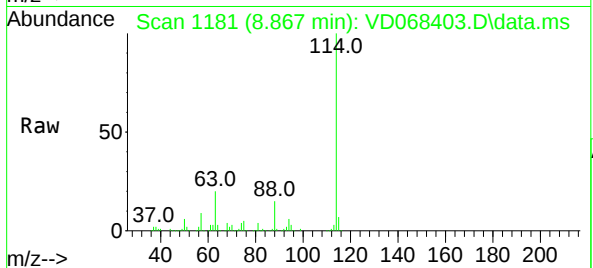


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

Instrument :
MSVOA_D
ClientSampled :
TP-4

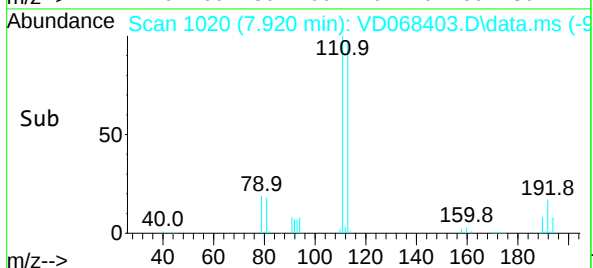
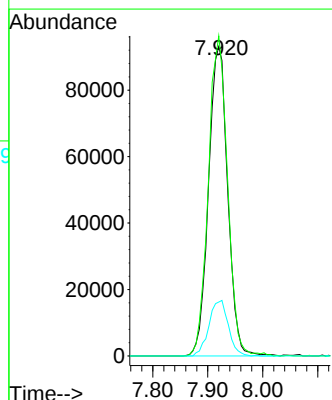
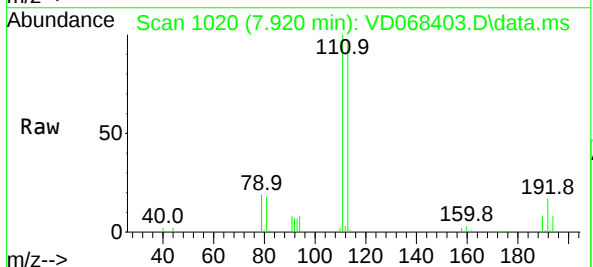
Tgt Ion:	114	Resp:	734961
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	34.8
88	15.2	0.0	31.6

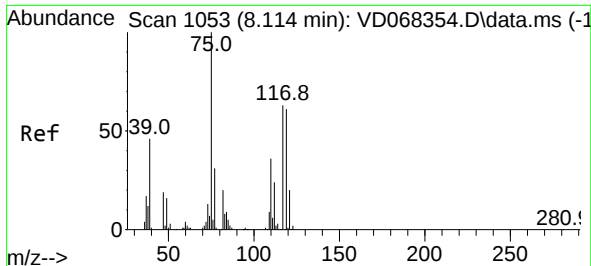


#35

Dibromofluoromethane
Concen: 51.67 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

Tgt Ion:	113	Resp:	225407
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.4	122.0
192	18.2	16.1	24.1

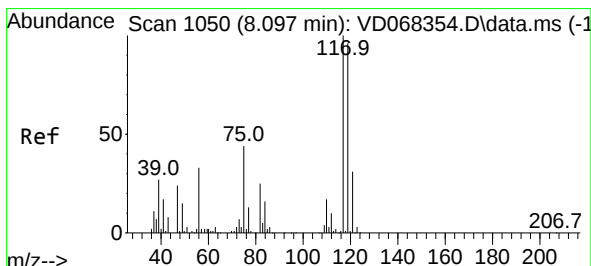
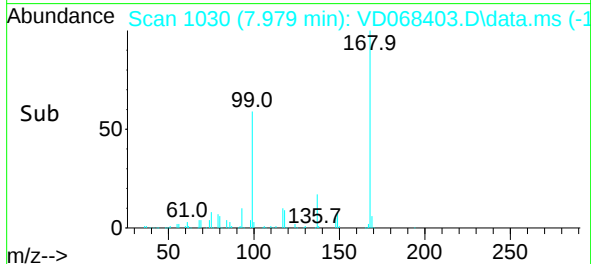
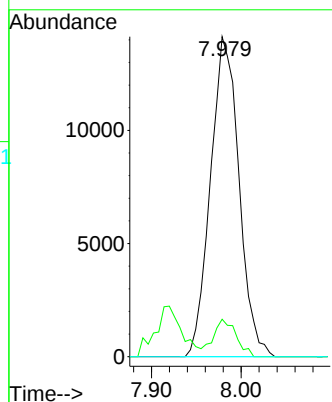
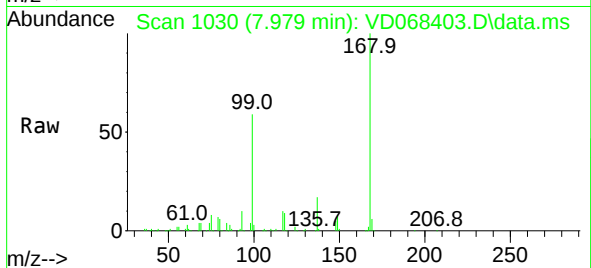




#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.136 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

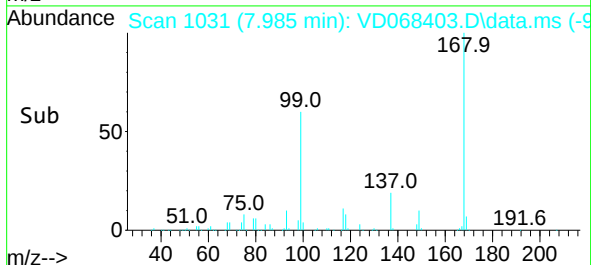
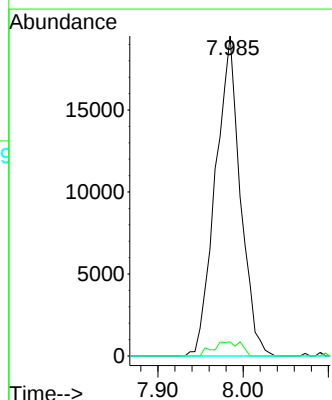
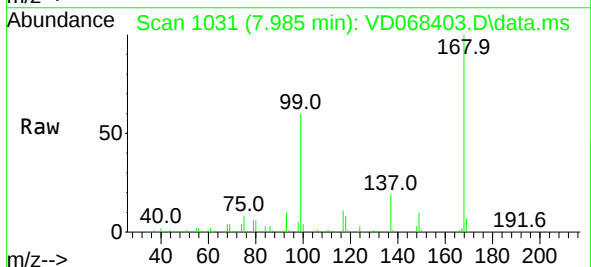
Instrument :
MSVOA_D
ClientSampled :
TP-4

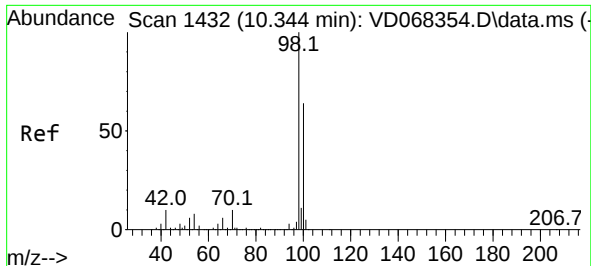
Tgt Ion: 75 Resp: 31189
Ion Ratio Lower Upper
75 100
110 9.3 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

Tgt Ion: 117 Resp: 39578
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.7 37.1#

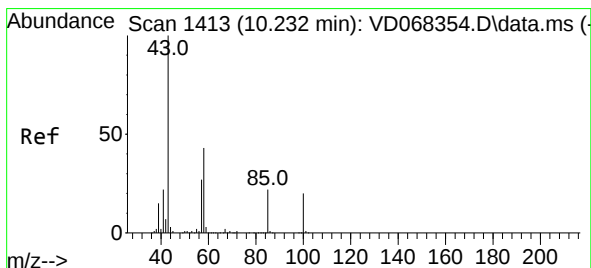
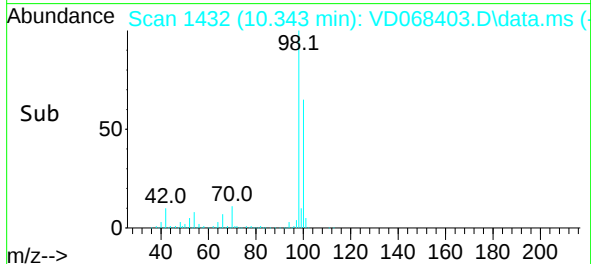
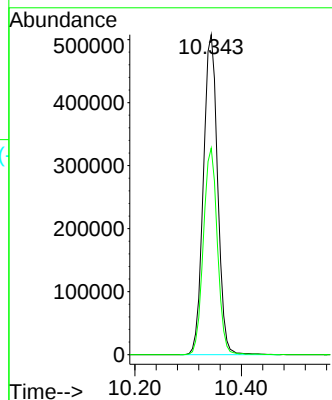
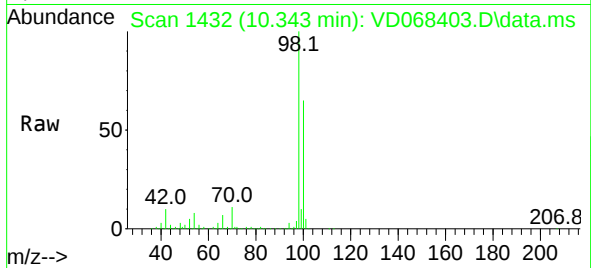




#50
Toluene-d8
Concen: 52.09 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

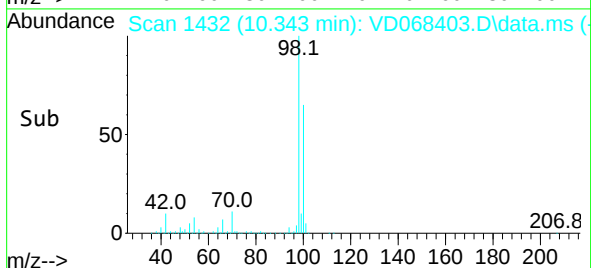
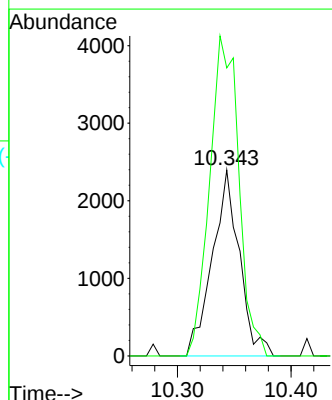
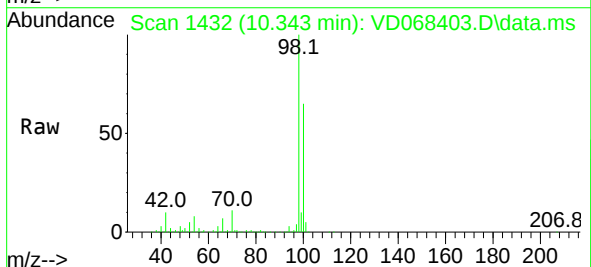
Instrument :
MSVOA_D
ClientSampled :
TP-4

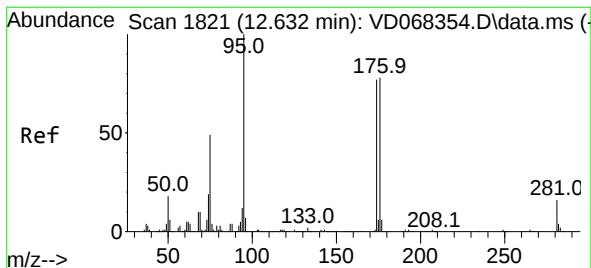
Tgt Ion: 98 Resp: 941809
Ion Ratio Lower Upper
98 100
100 63.4 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.84 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.111 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

Tgt Ion: 43 Resp: 3975
Ion Ratio Lower Upper
43 100
58 184.9 36.1 54.1#

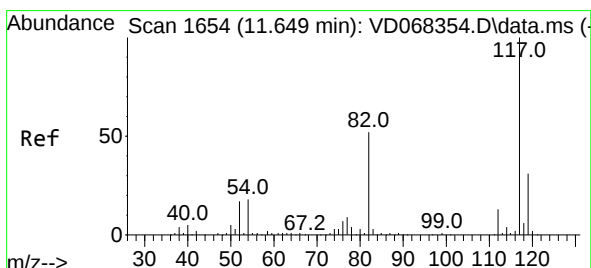
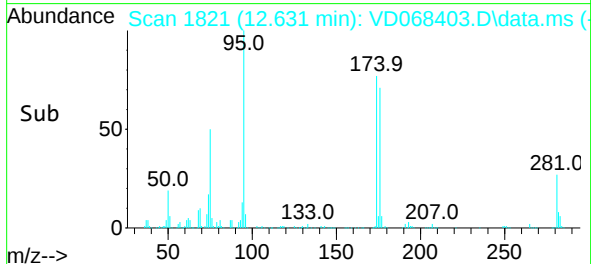
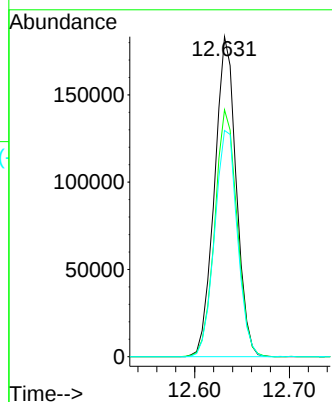
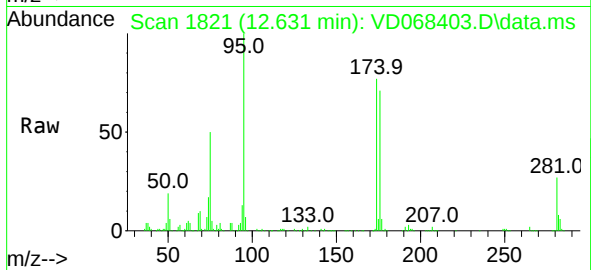




#62
4-Bromofluorobenzene
Concen: 49.60 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

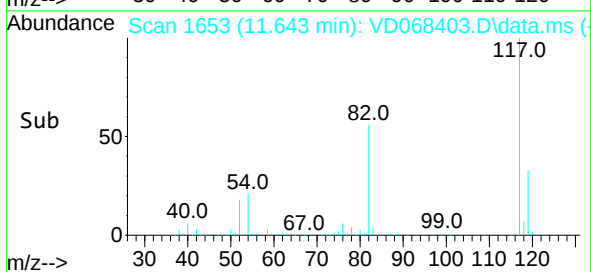
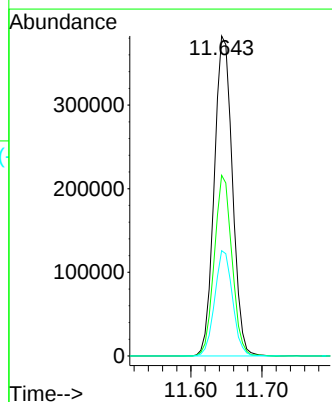
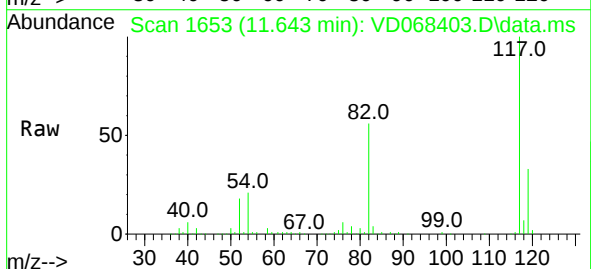
Instrument :
MSVOA_D
ClientSampleId :
TP-4

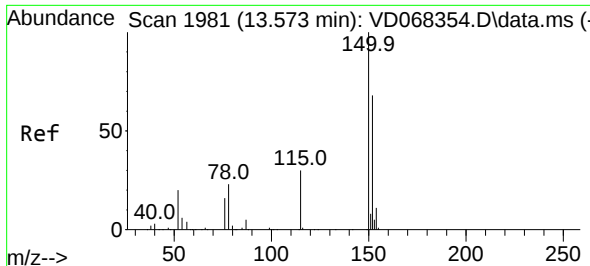
Tgt Ion: 95 Resp: 292115
Ion Ratio Lower Upper
95 100
174 79.1 0.0 172.4
176 74.0 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

Tgt Ion: 117 Resp: 677004
Ion Ratio Lower Upper
117 100
82 56.5 41.4 62.0
119 32.9 26.1 39.1

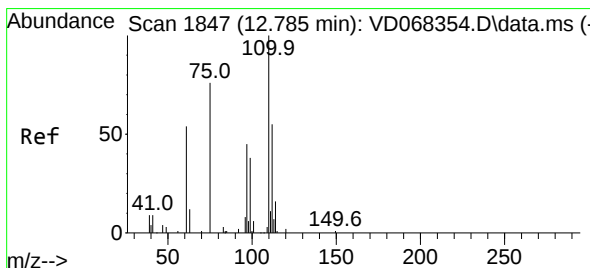
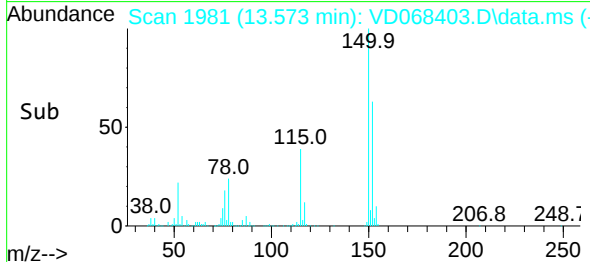
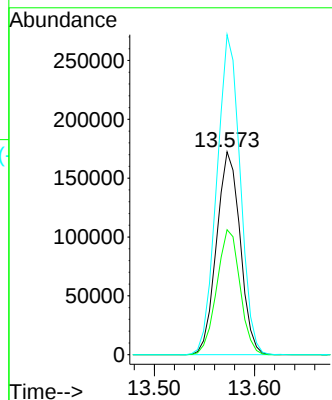
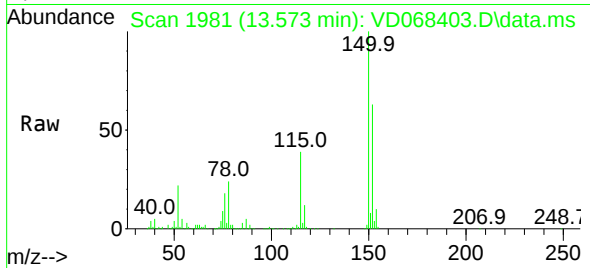




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

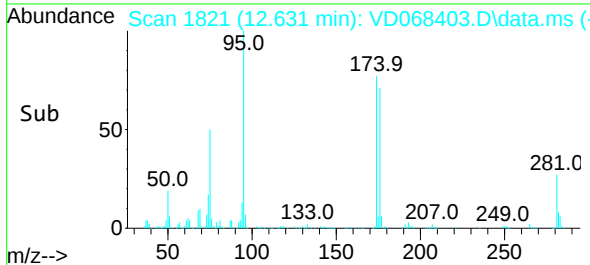
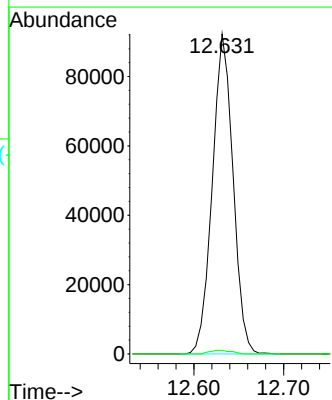
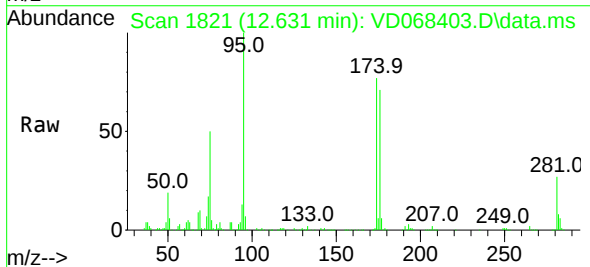
Instrument :
MSVOA_D
ClientSampled :
TP-4

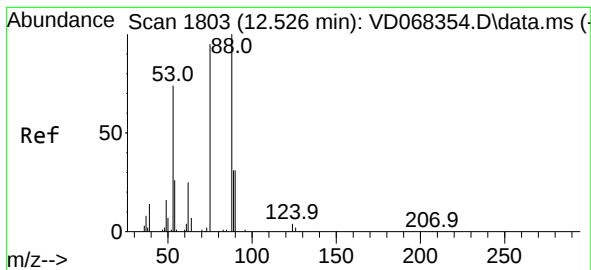
Tgt Ion:152 Resp: 281574
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.8
150 156.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 55.21 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068403.D
Acq: 19 Feb 2021 16:33

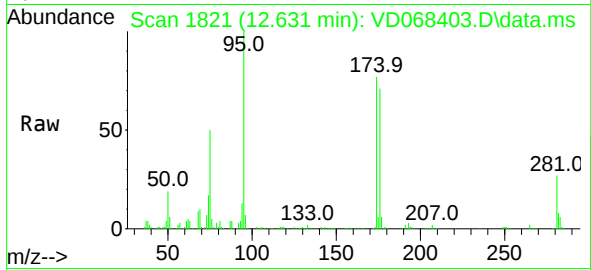
Tgt Ion: 75 Resp: 147932
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.39 ug/l
 RT: 12.631 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068403.D
 Acq: 19 Feb 2021 16:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4



Tgt Ion: 75 Resp: 147932
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.4 40.3 60.5#

