

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068380.D
 Acq On : 17 Feb 2021 13:57
 Operator : VA/SY
 Sample : M1423-01
 Misc : 11.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-021621

Quant Time: Feb 18 00:12:06 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)

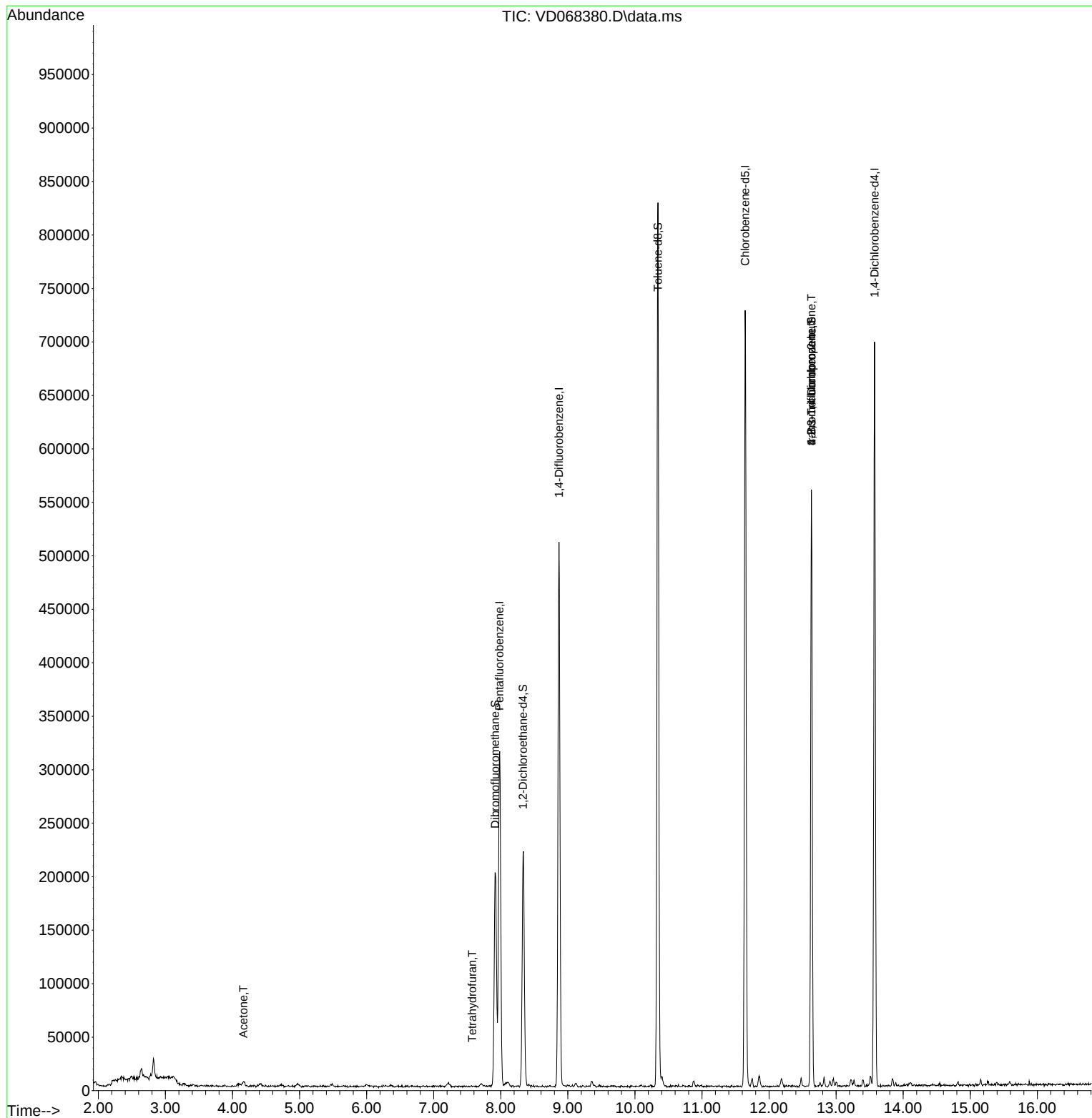
Internal Standards						
1) Pentafluorobenzene	7.979	168	236829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	457233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	436894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	184652	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	174848	72.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.44%
35) Dibromofluoromethane	7.914	113	151329	55.76	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.52%
50) Toluene-d8	10.344	98	584910	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.632	95	190111	51.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.76%
Target Compounds						
16) Acetone	4.161	43	8637	23.12	ug/l	97
20) Methylene Chloride	4.961	84	790	Below Cal	#	67
29) Tetrahydrofuran	7.573	42	350	1.04	ug/l #	26
76) 1,2,3-Trichloropropane	12.632	75	95400	54.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	95400	136.09	ug/l #	13

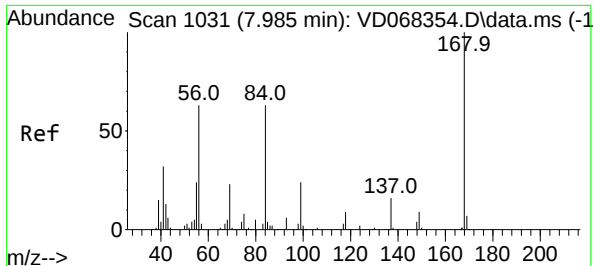
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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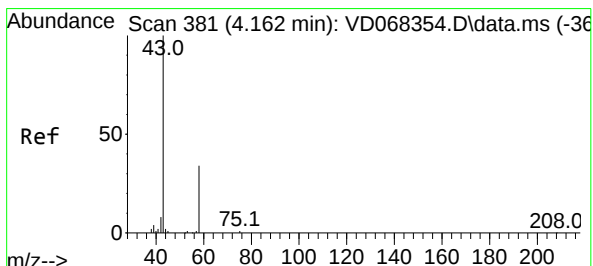
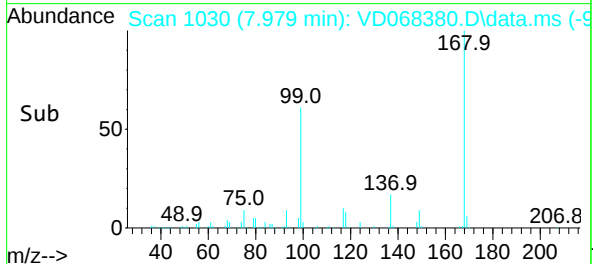
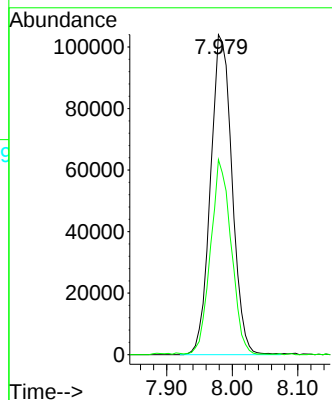
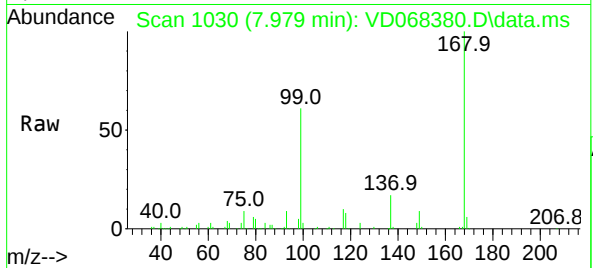




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

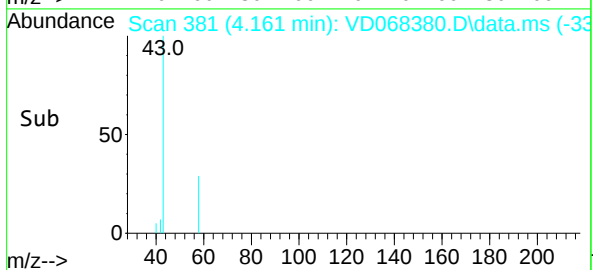
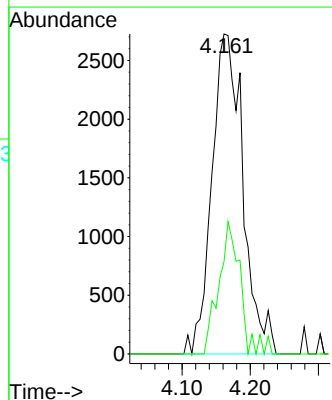
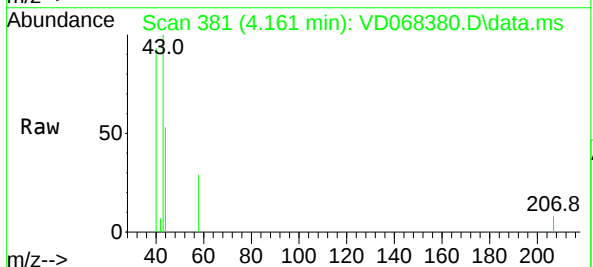
Instrument :
MSVOA_D
ClientSampleId :
TR-05-021621

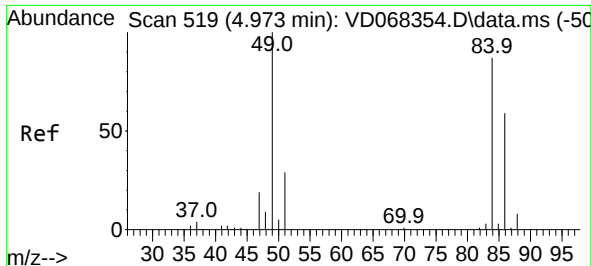
Tgt Ion:168 Resp: 236829
Ion Ratio Lower Upper
168 100
99 60.6 43.5 65.3



#16
Acetone
Concen: 23.12 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

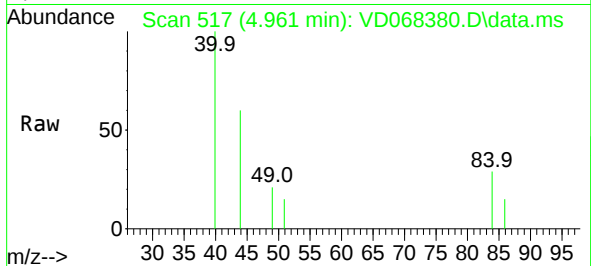
Tgt Ion: 43 Resp: 8637
Ion Ratio Lower Upper
43 100
58 28.9 24.2 36.4



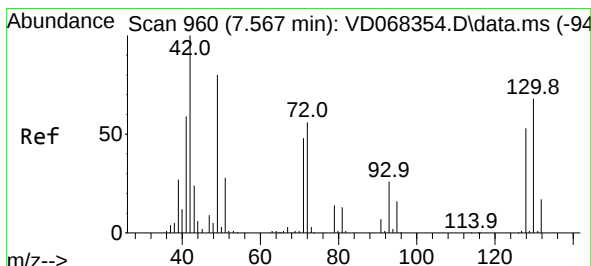
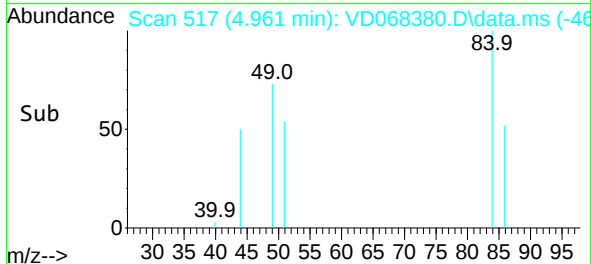
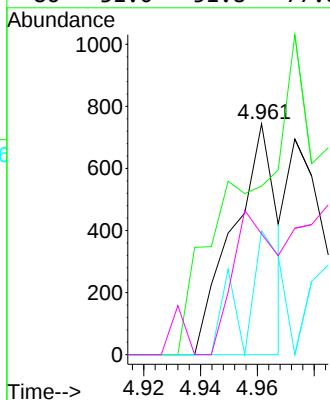


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
TR-05-021621

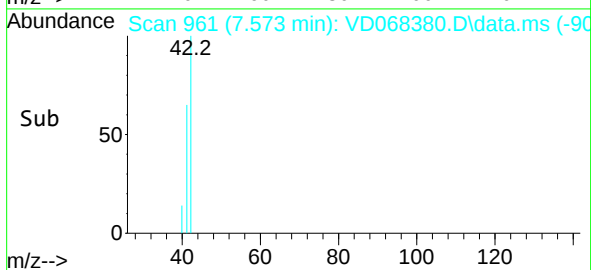
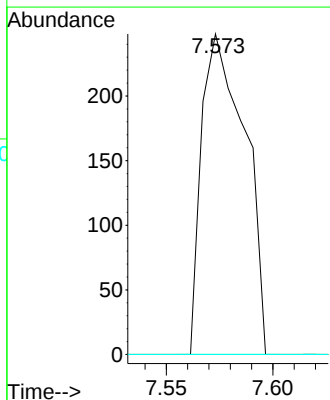
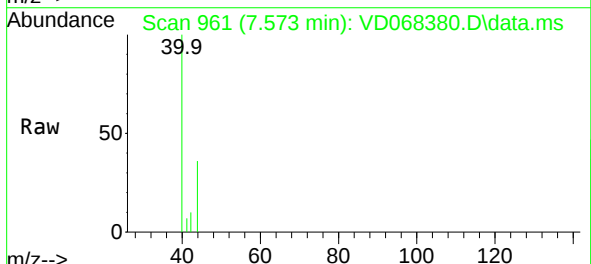


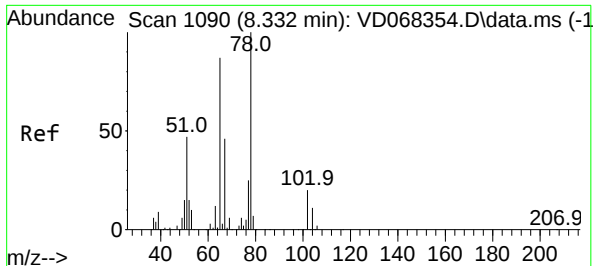
Tgt Ion:	84	Resp:	790
Ion	Ratio	Lower	Upper
84	100		
49	73.0	77.4	116.2#
51	53.6	26.1	39.1#
86	31.0	51.8	77.8#



#29
Tetrahydrofuran
Concen: 1.04 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.006 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

Tgt Ion:	42	Resp:	350
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.4	65.0#
71	0.0	40.8	61.2#

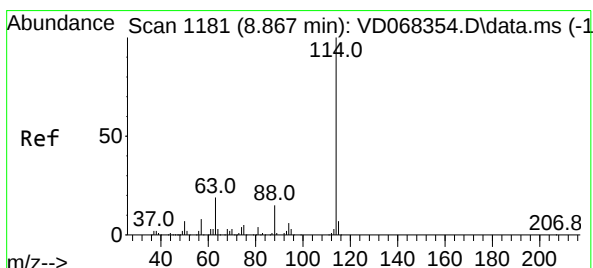
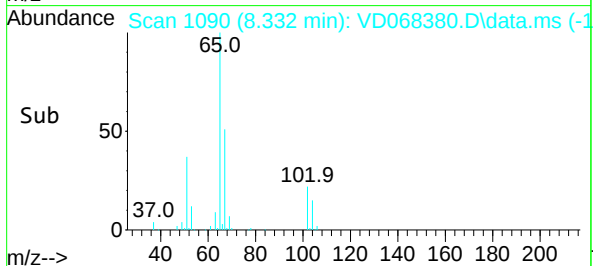
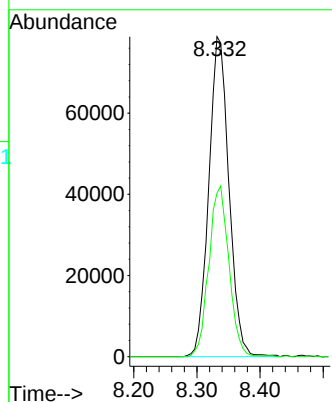
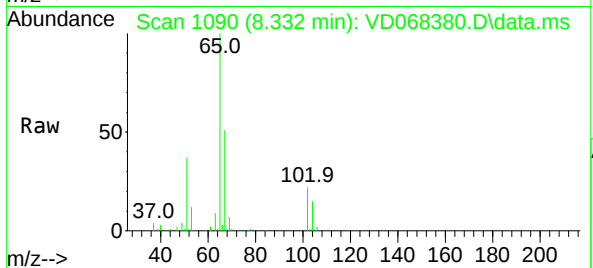




#33
1,2-Dichloroethane-d4
Concen: 72.22 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

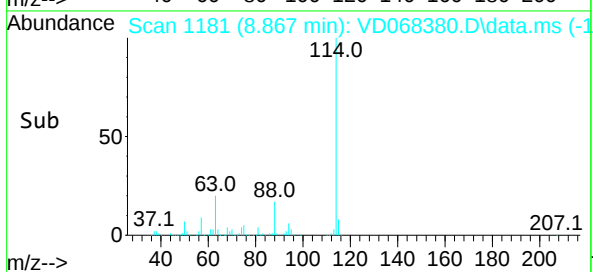
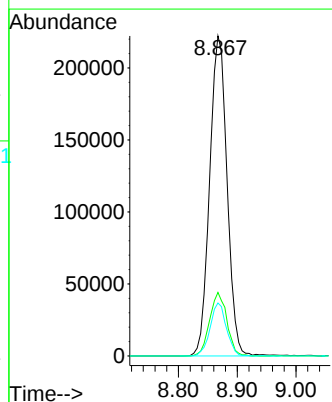
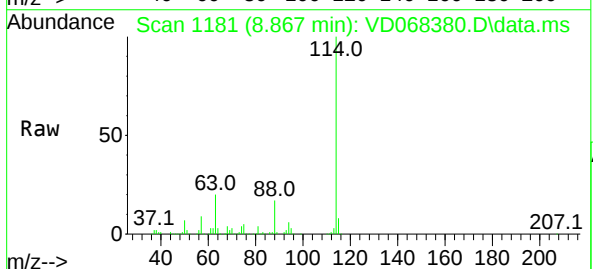
Instrument :
MSVOA_D
ClientSampleId :
TR-05-021621

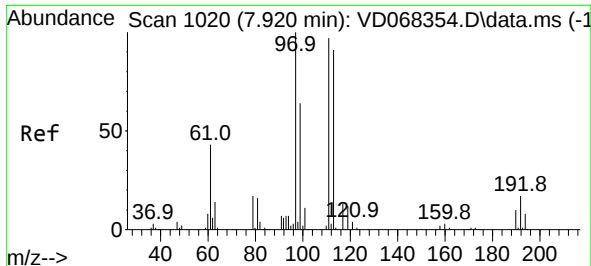
Tgt Ion: 65 Resp: 174848
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

Tgt Ion: 114 Resp: 457233
Ion Ratio Lower Upper
114 100
63 19.8 0.0 34.8
88 16.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 55.76 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068380.D

Acq: 17 Feb 2021 13:57

Tgt Ion:113 Resp: 151329

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

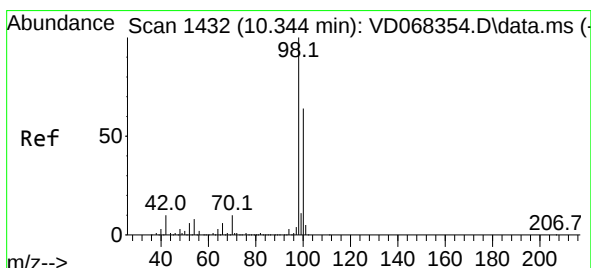
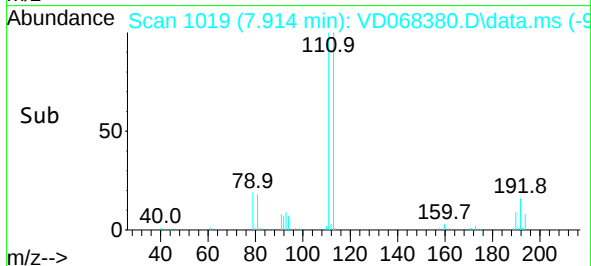
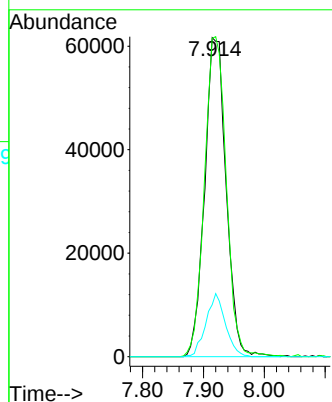
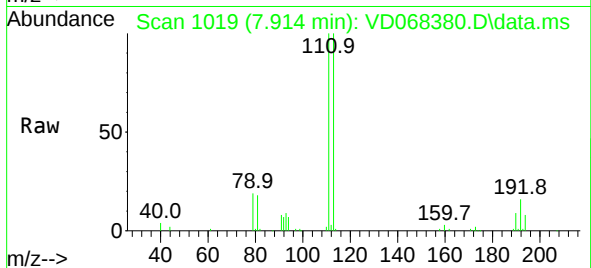
192 17.9 16.1 24.1

Instrument :

MSVOA_D

ClientSampleId :

TR-05-021621



#50

Toluene-d8

Concen: 52.00 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. -0.000 min

Lab File: VD068380.D

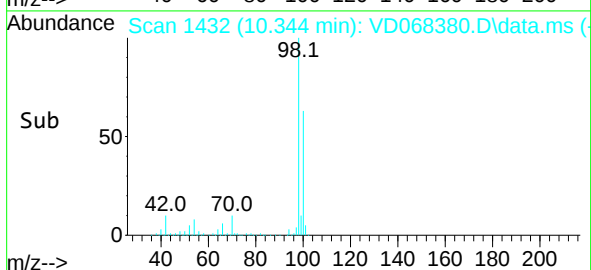
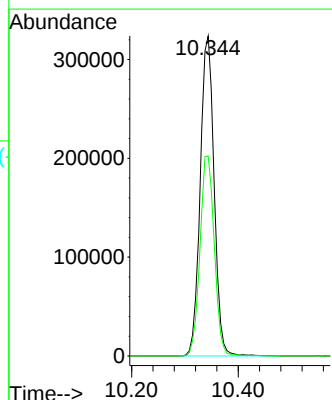
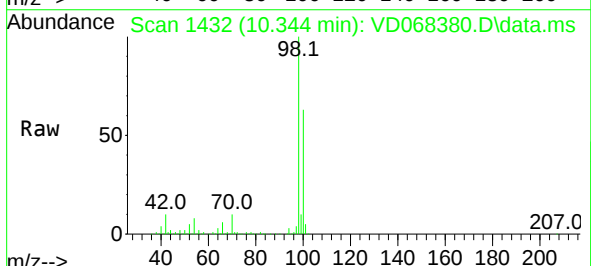
Acq: 17 Feb 2021 13:57

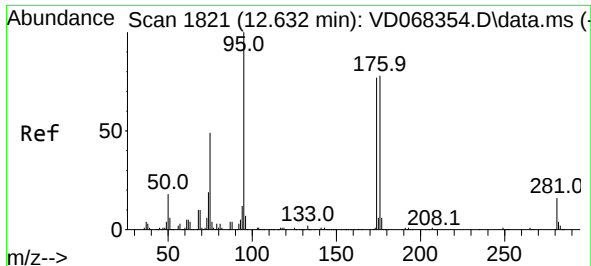
Tgt Ion: 98 Resp: 584910

Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.4

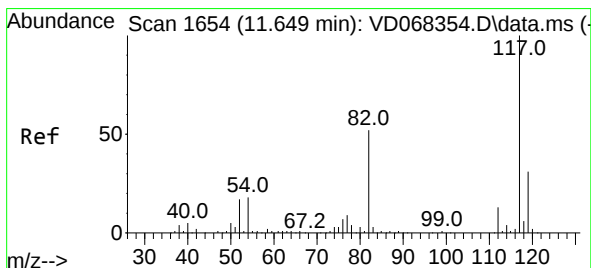
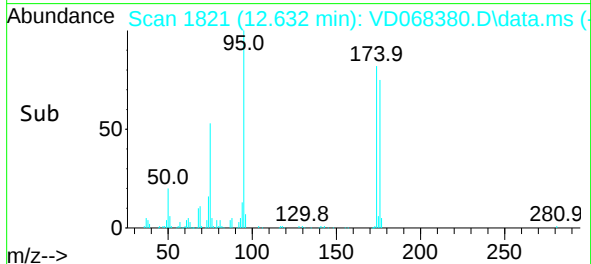
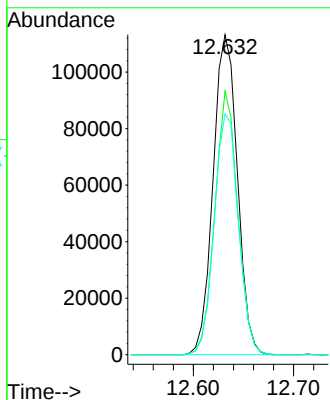
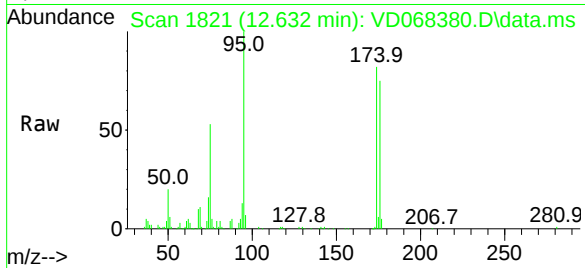




#62
4-Bromofluorobenzene
Concen: 51.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

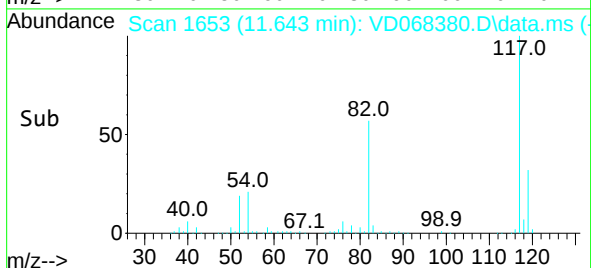
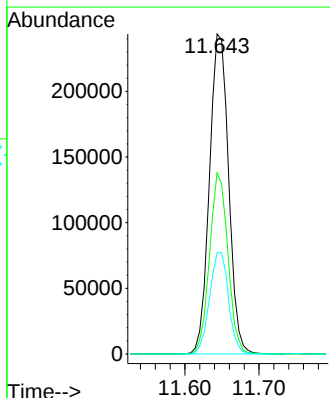
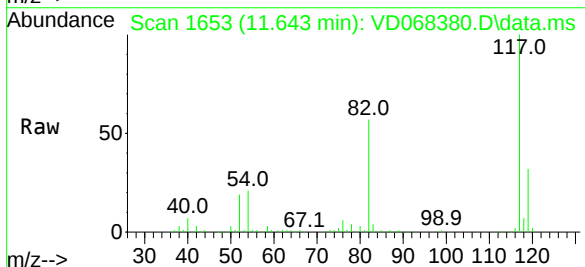
Instrument :
MSVOA_D
ClientSampleId :
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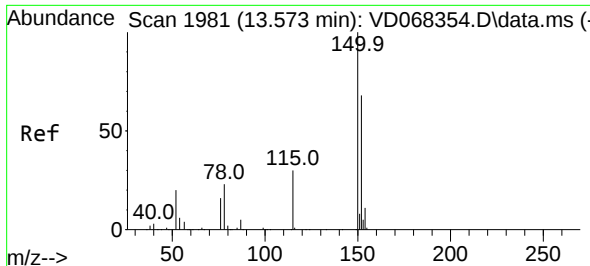
Tgt Ion: 95 Resp: 190111
Ion Ratio Lower Upper
95 100
174 77.7 0.0 172.4
176 75.2 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

Tgt Ion: 117 Resp: 436894
Ion Ratio Lower Upper
117 100
82 56.6 41.4 62.0
119 31.7 26.1 39.1

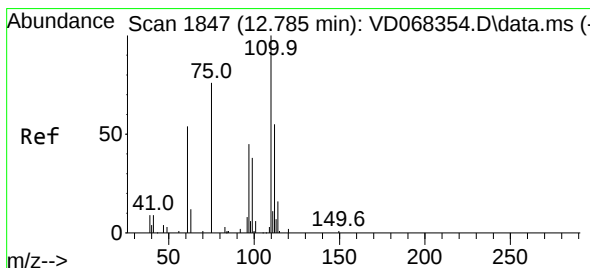
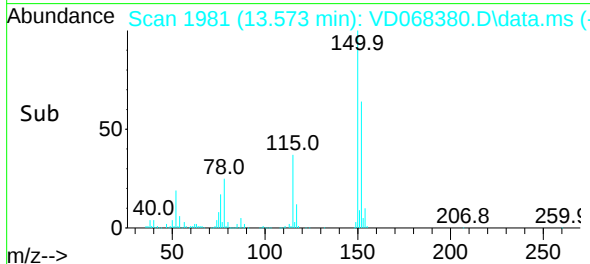
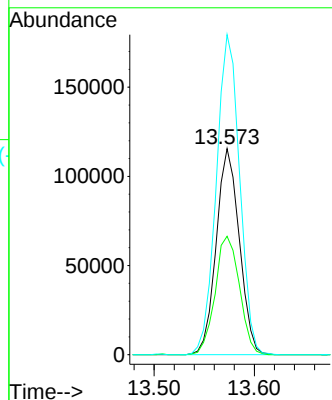
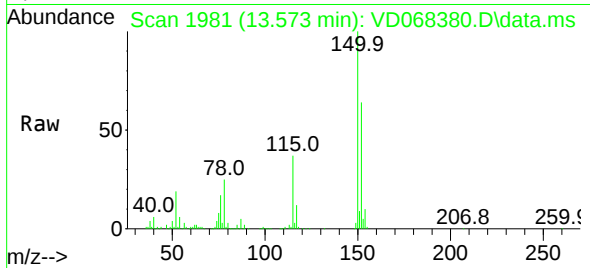




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

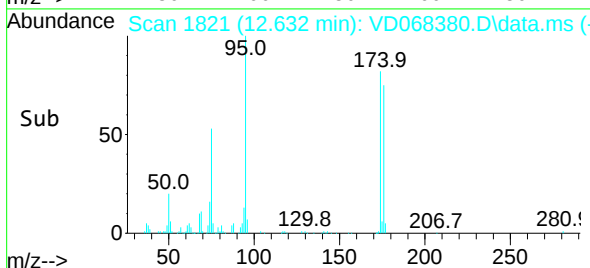
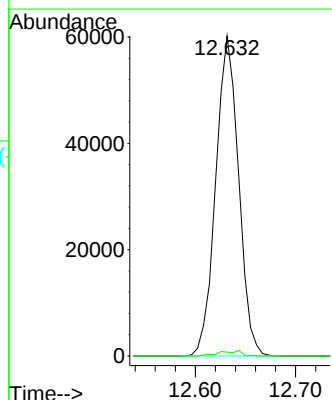
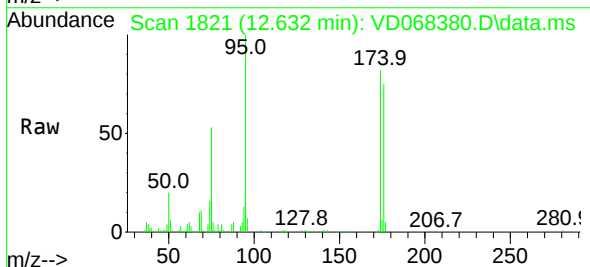
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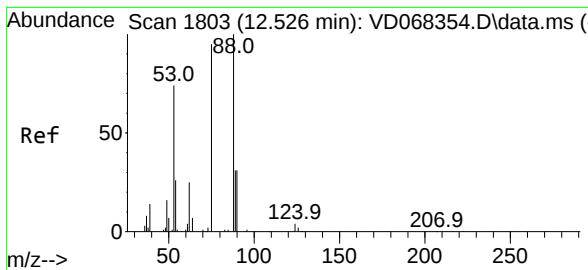
Tgt Ion:152 Resp: 184652
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.8
150 156.9 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.29 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068380.D
Acq: 17 Feb 2021 13:57

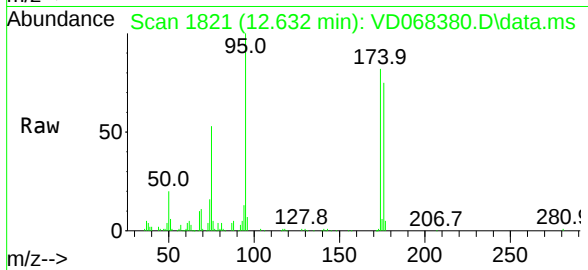
Tgt Ion: 75 Resp: 95400
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.09 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068380.D
 Acq: 17 Feb 2021 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-021621



Tgt Ion: 75 Resp: 95400
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

