

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068395.D
 Acq On : 19 Feb 2021 12:48
 Operator : VA/SY
 Sample : VD0219SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0219SBL01

Quant Time: Feb 19 23:29:09 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)

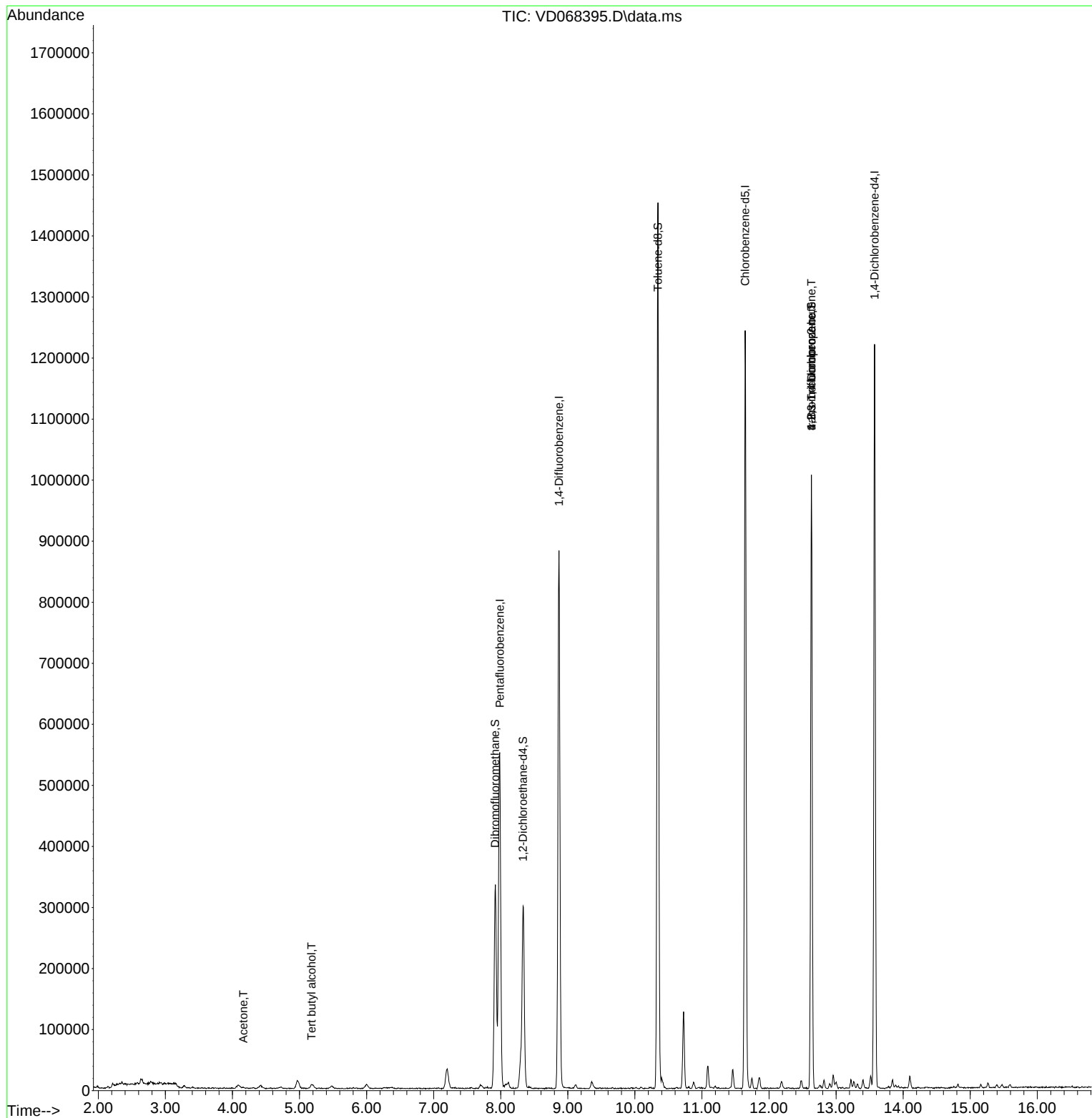
Internal Standards						
1) Pentafluorobenzene	7.985	168	416266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	801303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	731694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	323501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	234678	55.15	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.30%
35) Dibromofluoromethane	7.914	113	237641	49.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.92%
50) Toluene-d8	10.344	98	1007248	51.09	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.18%
62) 4-Bromofluorobenzene	12.632	95	316133	49.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.46%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.179	59	6751	31.64	ug/l #	74
16) Acetone	4.162	43	1459	2.22	ug/l #	82
20) Methylene Chloride	4.968	84	10087	Below Cal		95
76) 1,2,3-Trichloropropane	12.632	75	166130	53.97	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	166130	135.27	ug/l #	13

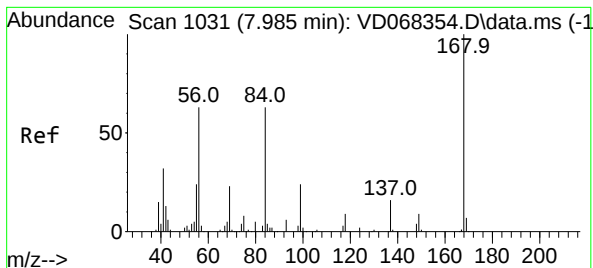
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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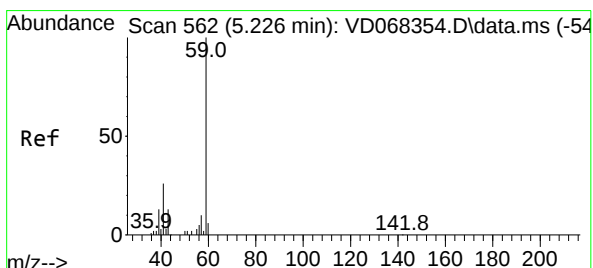
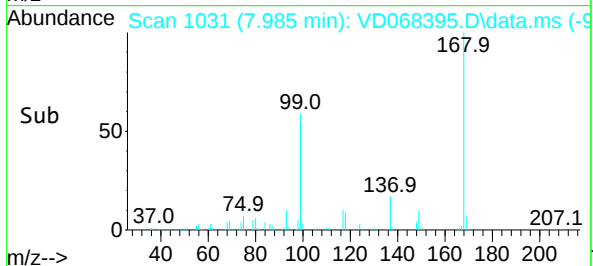
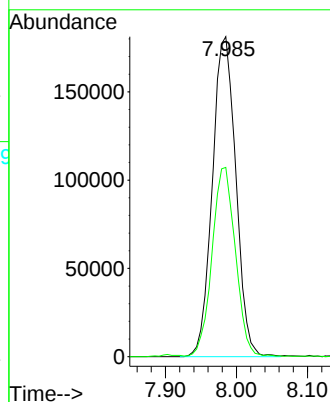
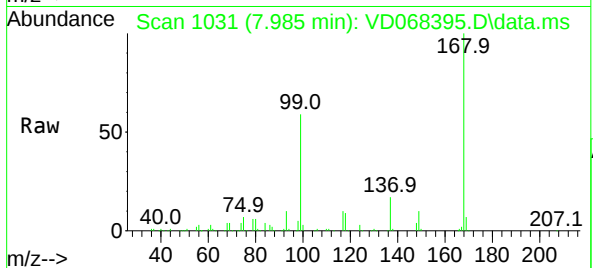




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48

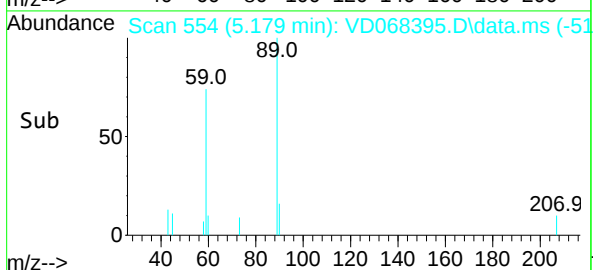
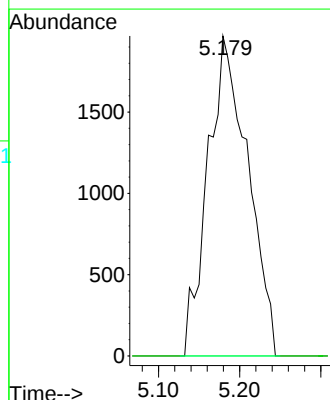
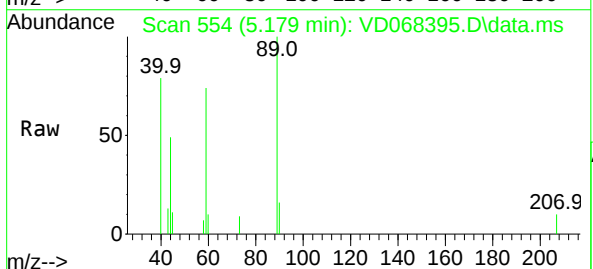
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBL01

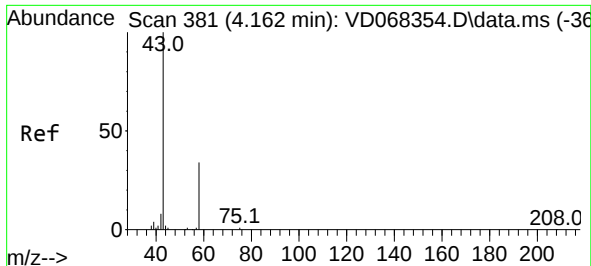
Tgt Ion:168 Resp: 416266
Ion Ratio Lower Upper
168 100
99 58.9 43.5 65.3



#11
Tert butyl alcohol
Concen: 31.64 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.047 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48

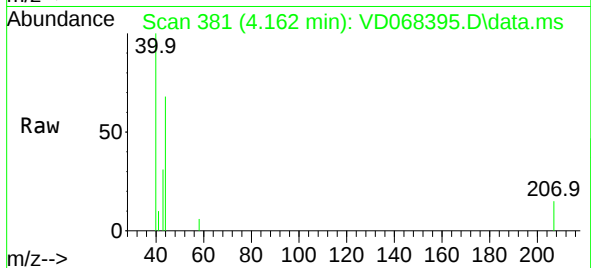
Tgt Ion: 59 Resp: 6751
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



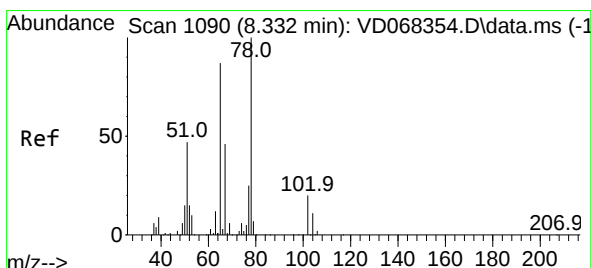
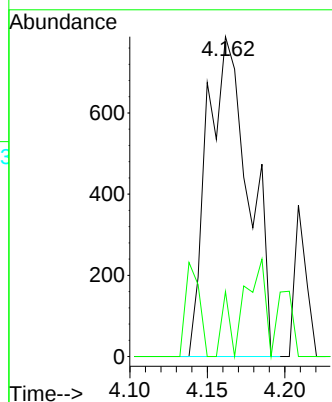
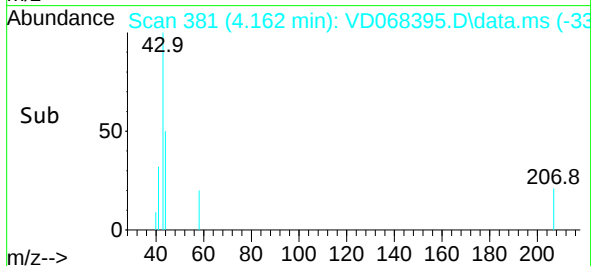


#16
Acetone
Concen: 2.22 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48

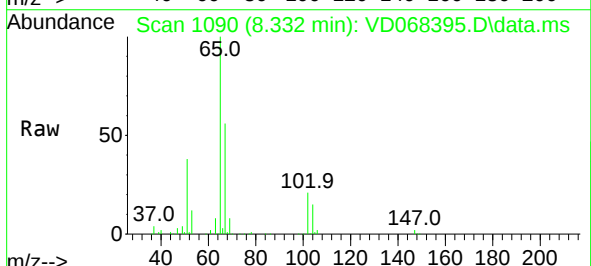
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBL01



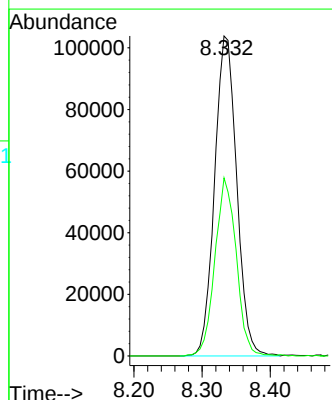
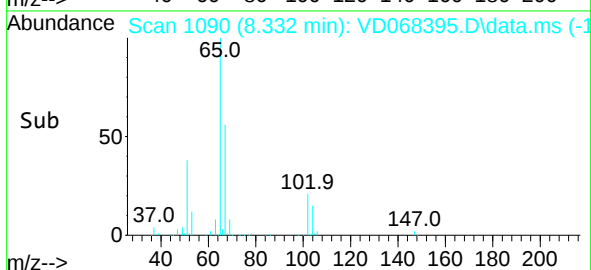
Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
58 20.3 24.2 36.4#

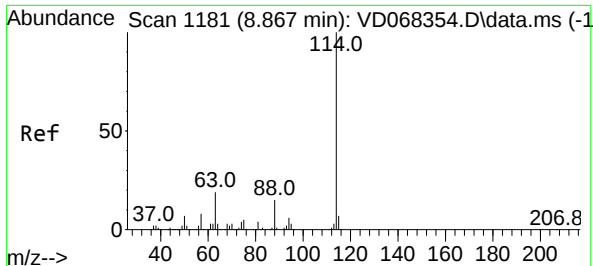


#33
1,2-Dichloroethane-d4
Concen: 55.15 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48



Tgt Ion: 65 Resp: 234678
Ion Ratio Lower Upper
65 100
67 53.5 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: VD068395.D

Acq: 19 Feb 2021 12:48

Tgt Ion:114 Resp: 801303

Ion Ratio Lower Upper

114 100

63 19.8 0.0 34.8

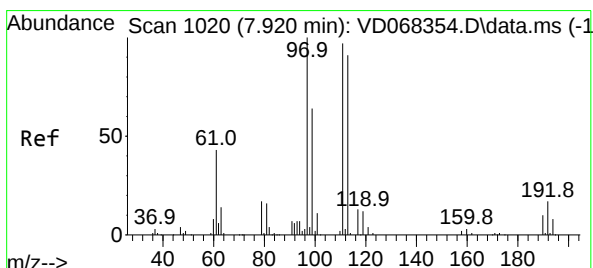
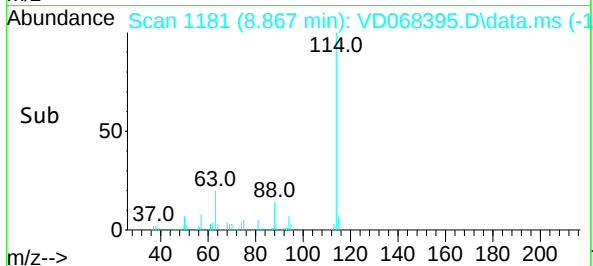
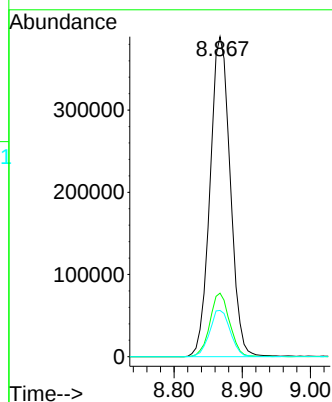
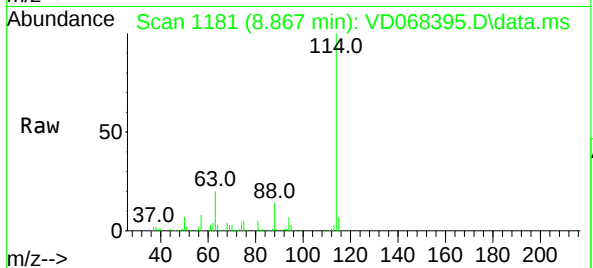
88 14.4 0.0 31.6

Instrument :

MSVOA_D

ClientSampleId :

VD0219SBL01



#35

Dibromofluoromethane

Concen: 49.96 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068395.D

Acq: 19 Feb 2021 12:48

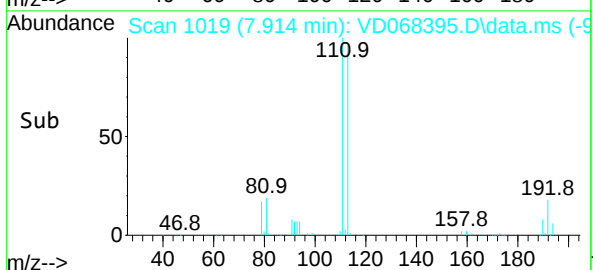
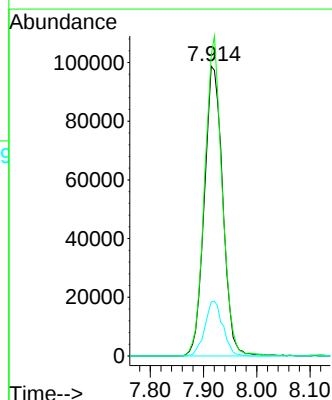
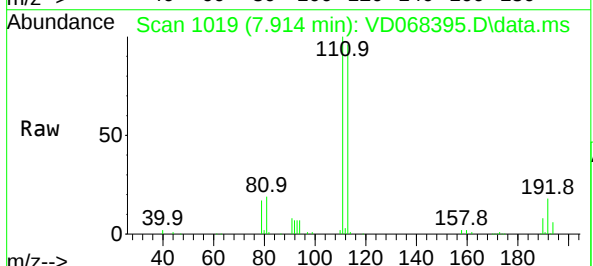
Tgt Ion:113 Resp: 237641

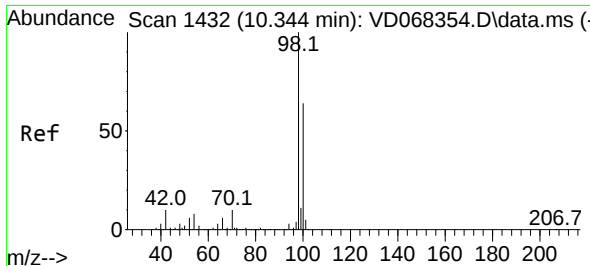
Ion Ratio Lower Upper

113 100

111 104.6 81.4 122.0

192 18.5 16.1 24.1

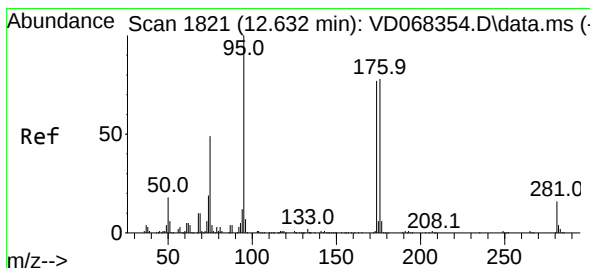
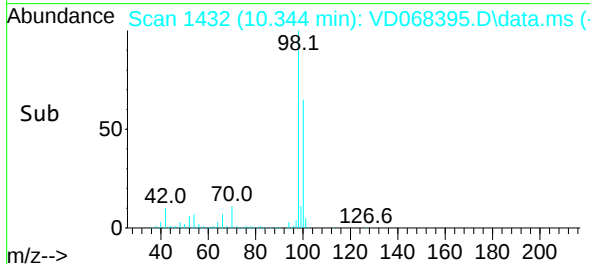
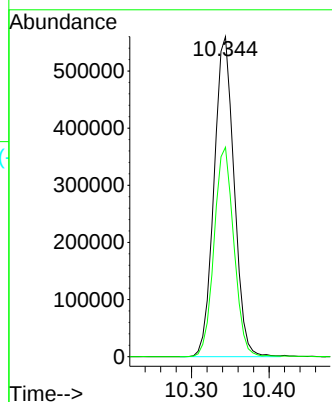
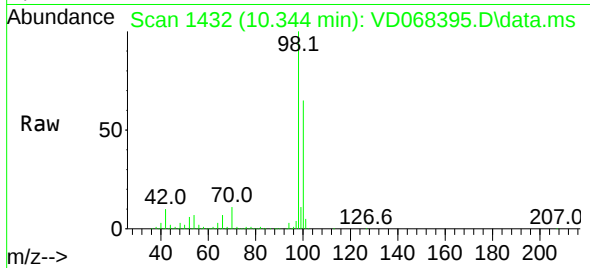




#50
Toluene-d8
Concen: 51.09 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48

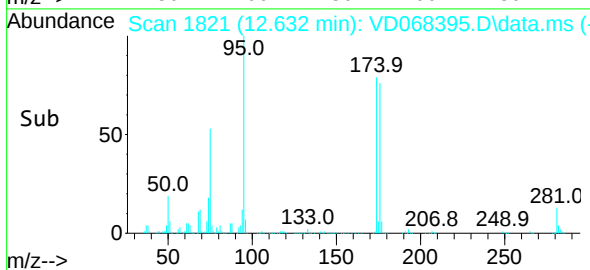
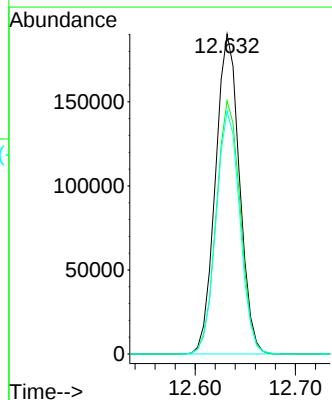
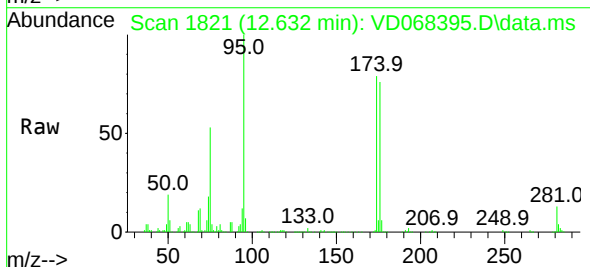
Instrument :
MSVOA_D
ClientSampleId :
VD0219SBL01

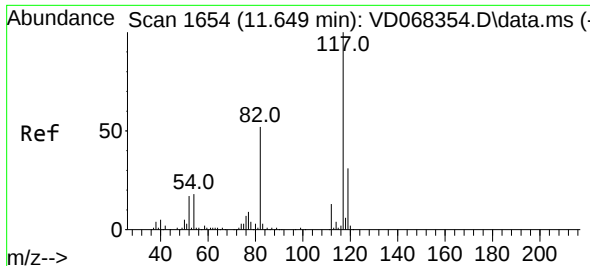
Tgt Ion: 98 Resp: 1007248
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48

Tgt Ion: 95 Resp: 316133
Ion Ratio Lower Upper
95 100
174 79.4 0.0 172.4
176 75.2 0.0 168.4

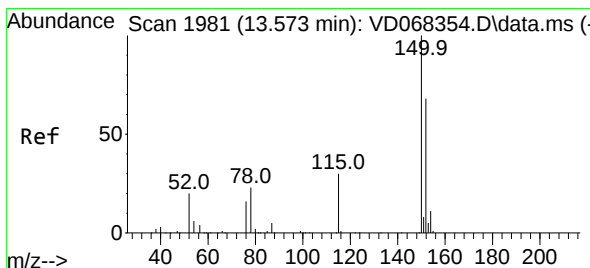
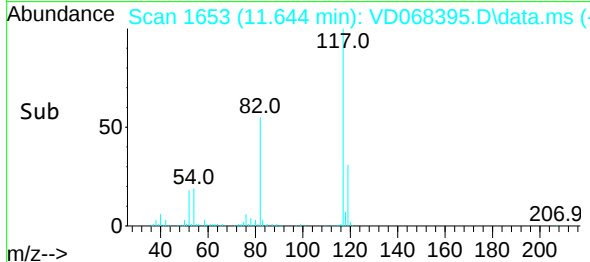
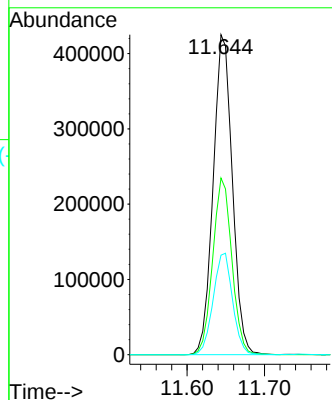
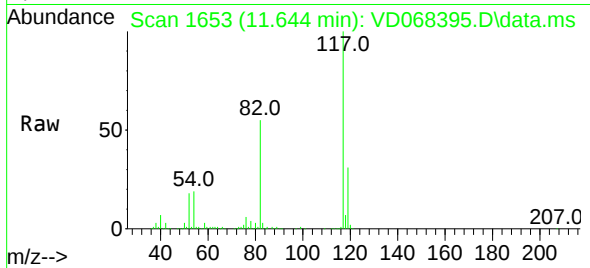




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48

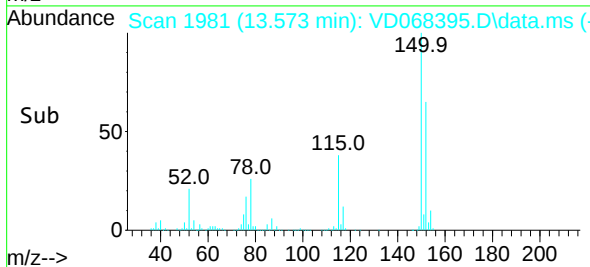
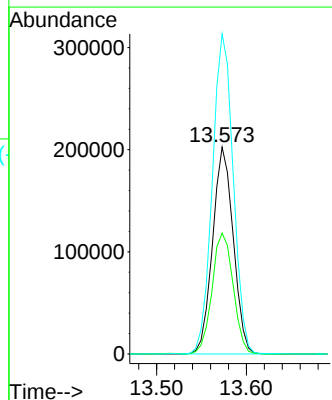
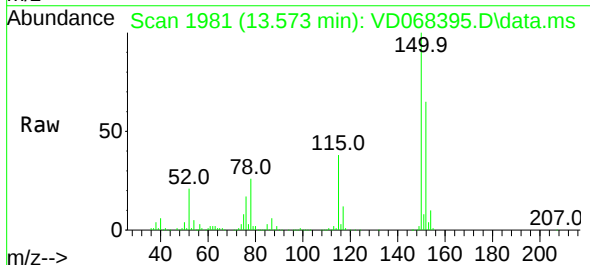
Instrument :
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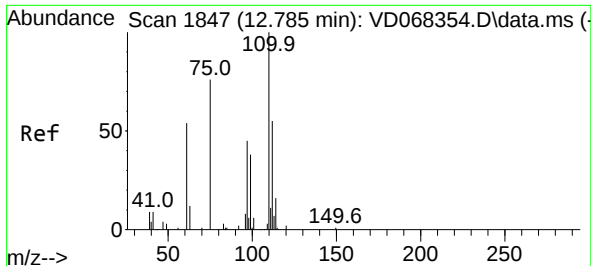
Tgt Ion:	117	Resp:	731694
Ion	Ratio	Lower	Upper
117	100		
82	55.2	41.4	62.0
119	31.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48

Tgt Ion:	152	Resp:	323501
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.9	86.8
150	156.5	0.0	344.4

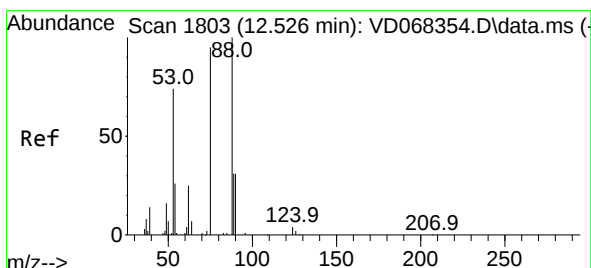
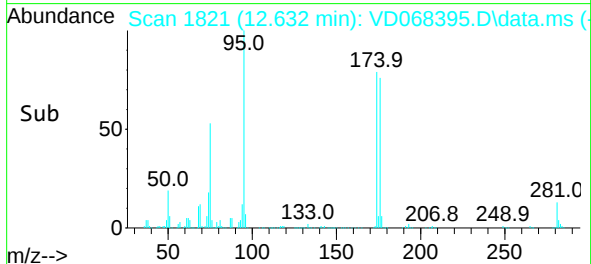
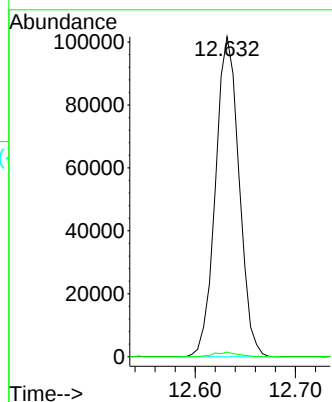
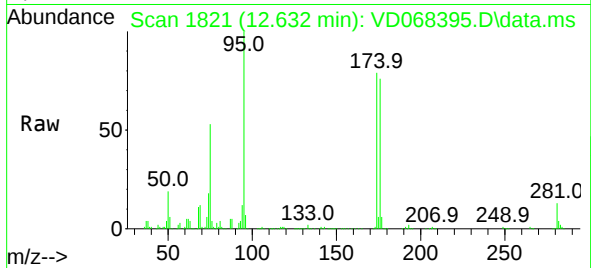




#76
1,2,3-Trichloropropane
Concen: 53.97 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48

Instrument :
MSVOA_D
ClientSampleId :
VD0219SBL01

Tgt Ion: 75 Resp: 166130
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.27 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068395.D
Acq: 19 Feb 2021 12:48

Tgt Ion: 75 Resp: 166130
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.1 40.3 60.5#

