

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
 Data File : VD068894.D
 Acq On : 19 Apr 2021 12:47
 Operator : VA/SY
 Sample : M2063-05
 Misc : 5.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-0-2

Quant Time: Apr 20 00:51:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

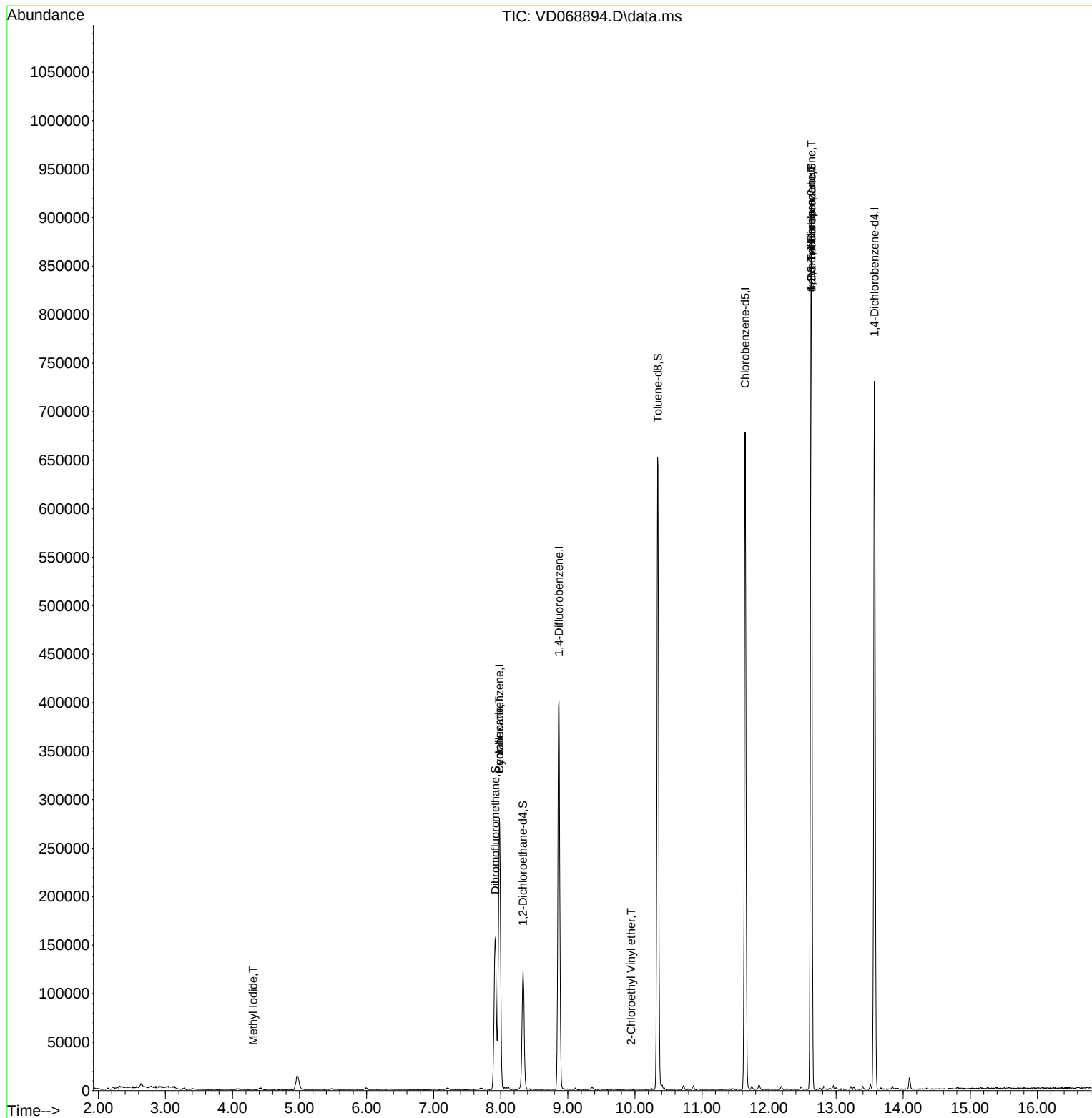
Internal Standards						
1) Pentafluorobenzene	7.979	168	214049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	367804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	403383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	198256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	96193	42.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.04%
35) Dibromofluoromethane	7.920	113	114822	48.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.00%
50) Toluene-d8	10.344	98	463022	51.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.62%
62) 4-Bromofluorobenzene	12.632	95	188534	62.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.80%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	145	2.30	ug/l #	41
11) Tert butyl alcohol	5.226	59	87	Below Cal	#	73
31) Cyclohexane	7.979	56	5291	1.41	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.944	63	53	17.03	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	95492	52.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	95492	122.36	ug/l #	16

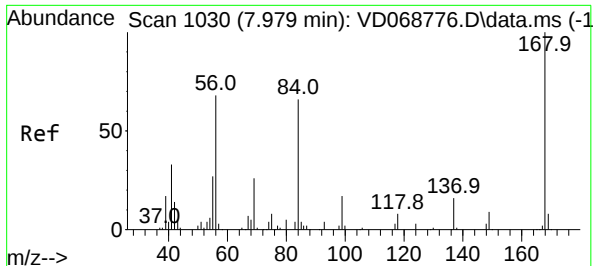
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
TP2-0-2

Quant Time: Apr 20 00:51:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

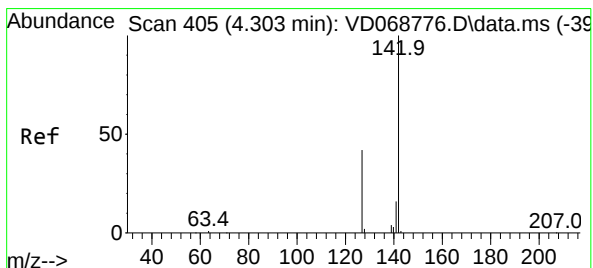
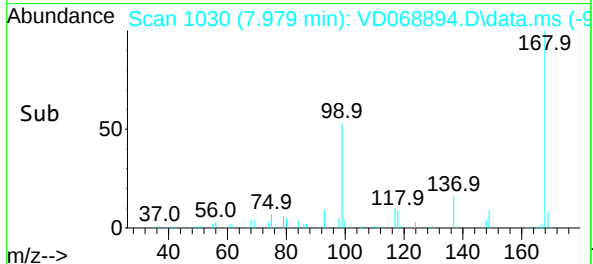
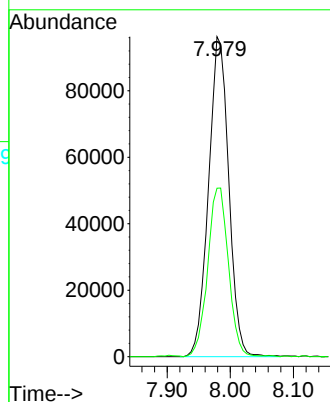
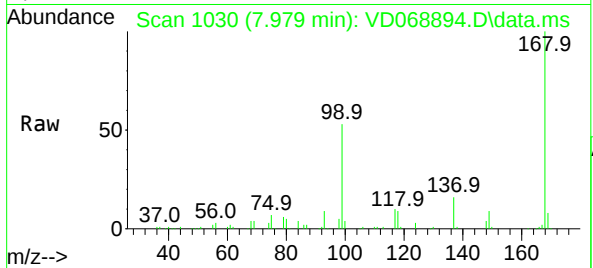




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

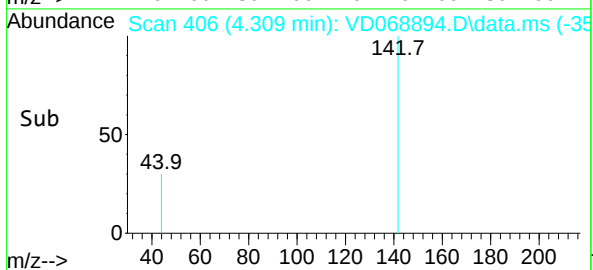
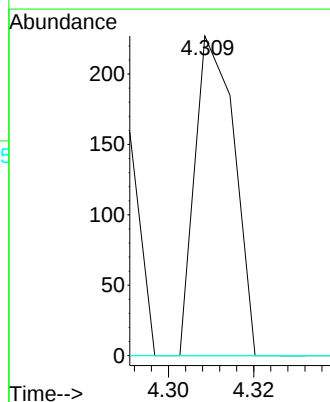
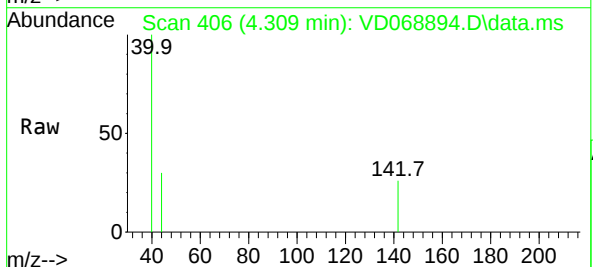
Instrument :
MSVOA_D
ClientSampleId :
TP2-0-2

Tgt Ion:168 Resp: 214049
Ion Ratio Lower Upper
168 100
99 52.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.30 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion:142 Resp: 145
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



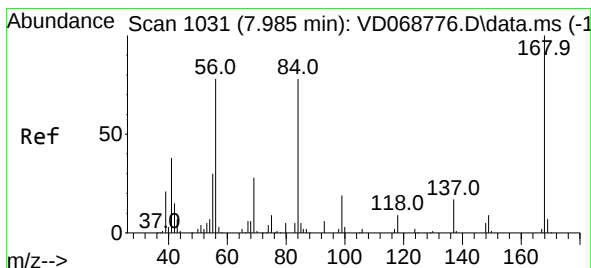
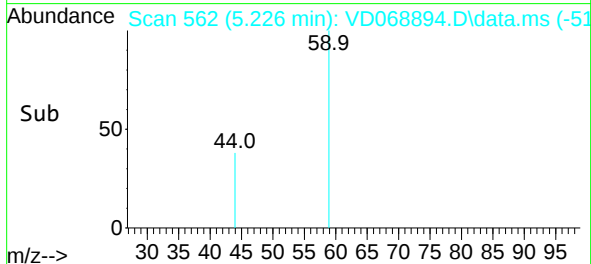
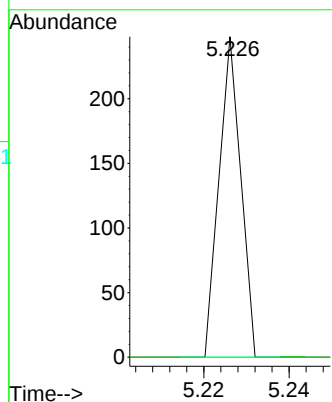
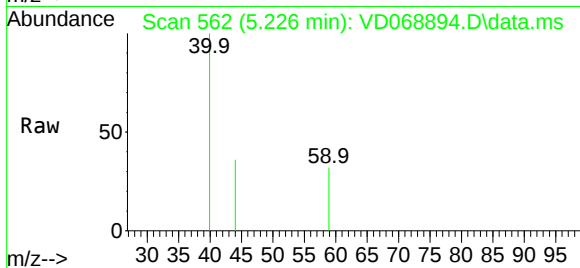


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Instrument :
MSVOA_D
ClientSampled :
TP2-0-2

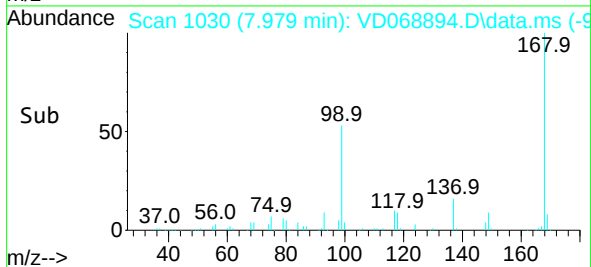
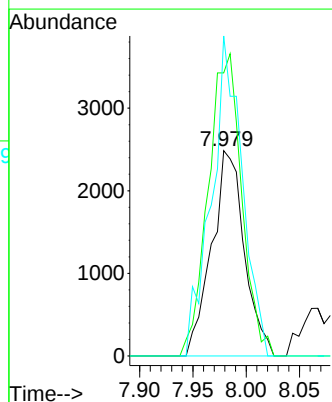
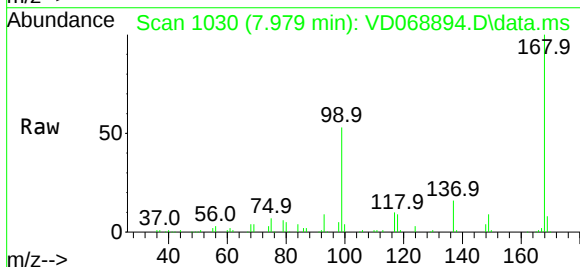
Tgt Ion: 59 Resp: 87
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

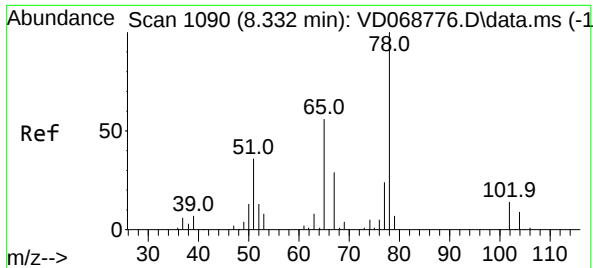


#31

Cyclohexane
Concen: 1.41 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion: 56 Resp: 5291
Ion Ratio Lower Upper
56 100
69 137.8 30.0 45.0#
84 155.8 82.0 123.0#

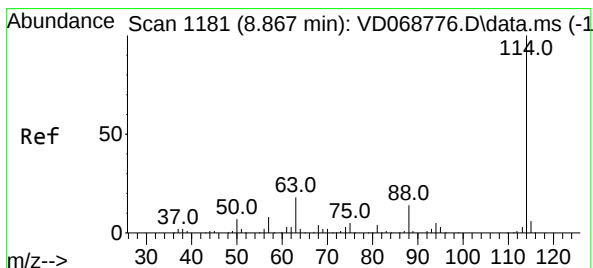
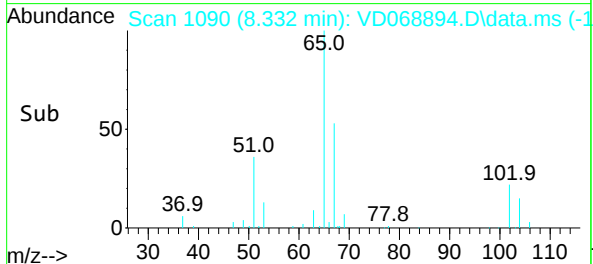
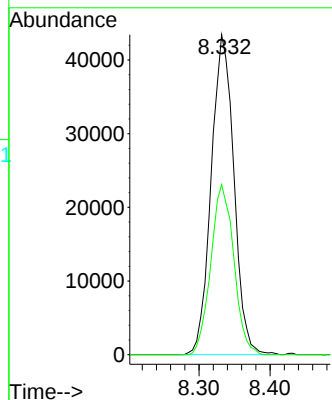
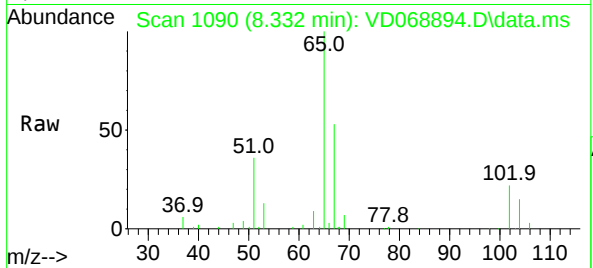




#33
1,2-Dichloroethane-d4
Concen: 42.52 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

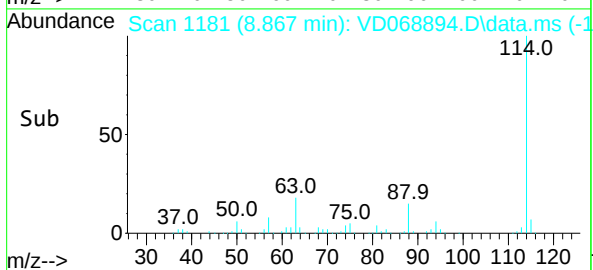
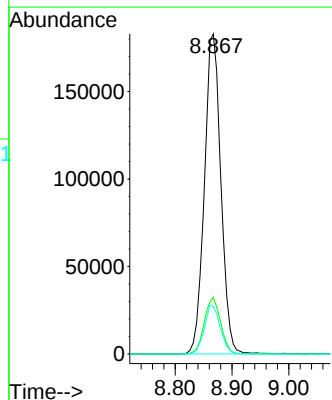
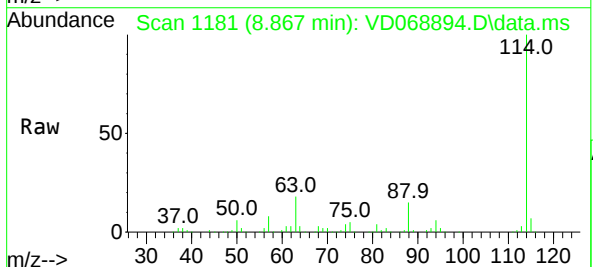
Instrument :
MSVOA_D
ClientSampled :
TP2-0-2

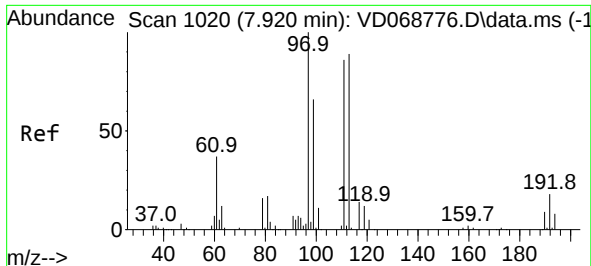
Tgt Ion: 65 Resp: 96193
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion: 114 Resp: 367804
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.2
88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 48.00 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068894.D

Acq: 19 Apr 2021 12:47

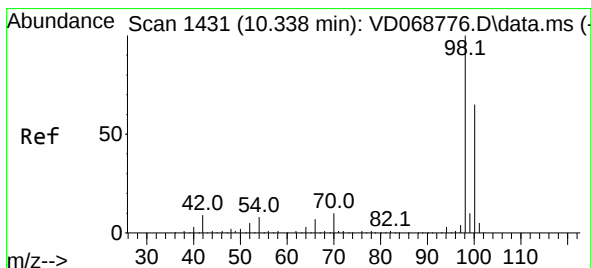
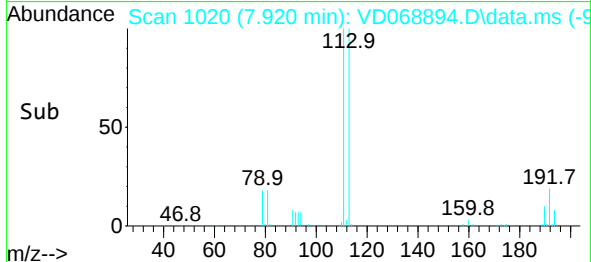
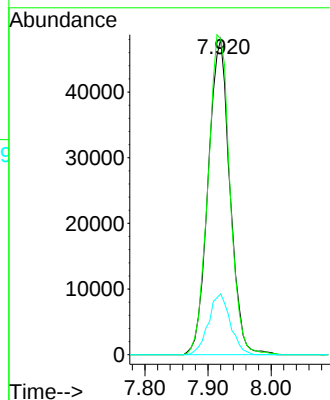
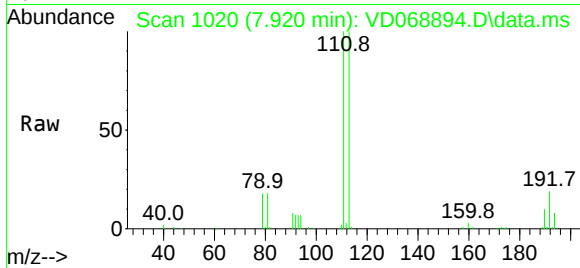
Tgt Ion:113 Resp: 114822

Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

192 19.3 15.1 22.7



#50

Toluene-d8

Concen: 51.31 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VD068894.D

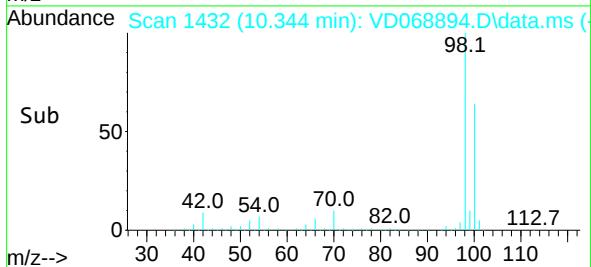
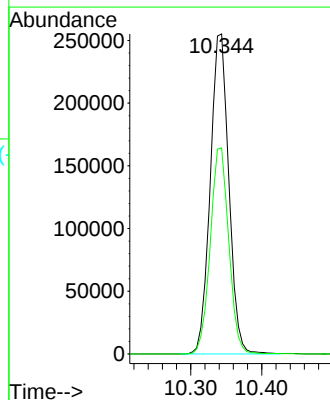
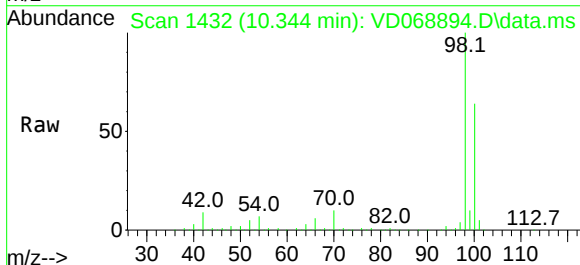
Acq: 19 Apr 2021 12:47

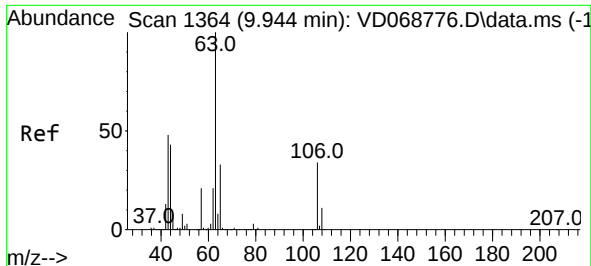
Tgt Ion: 98 Resp: 463022

Ion Ratio Lower Upper

98 100

100 64.2 51.8 77.6

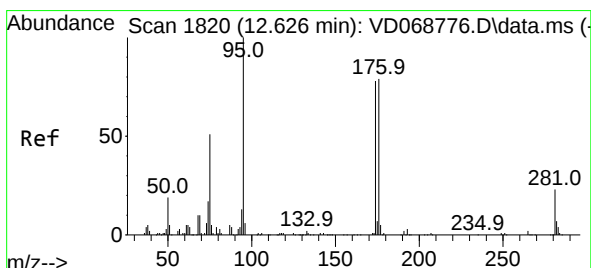
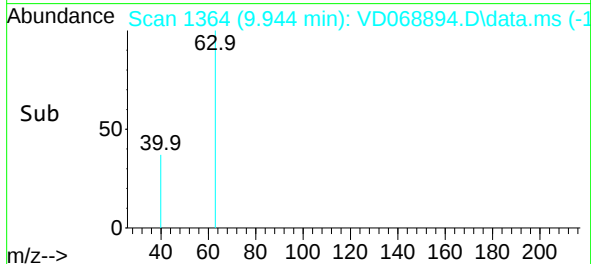
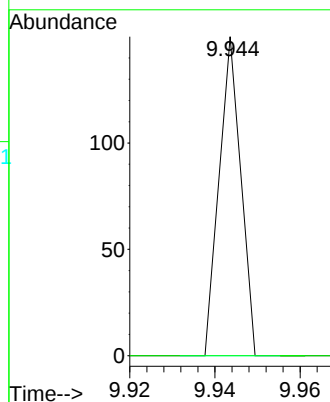
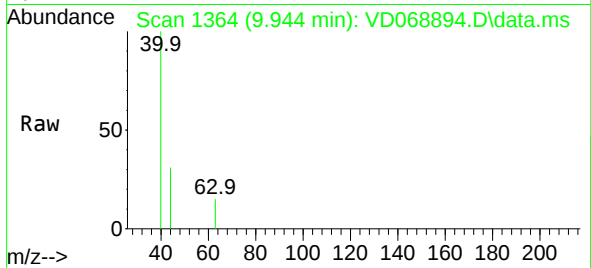




#58
2-Chloroethyl Vinyl ether
Concen: 17.03 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

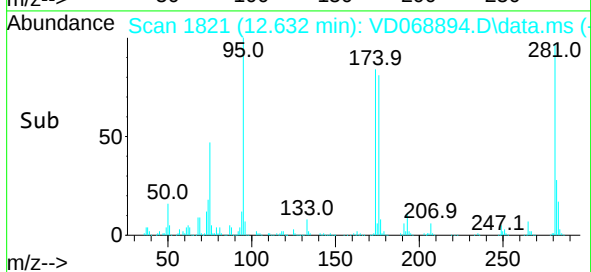
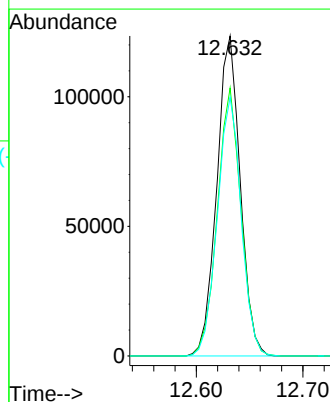
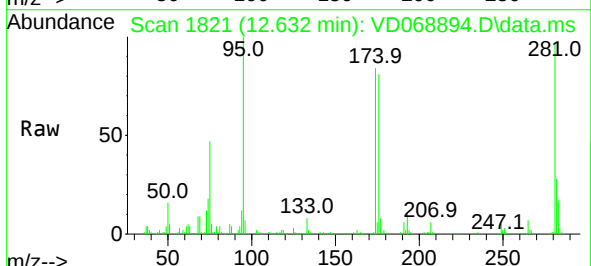
Instrument :
MSVOA_D
ClientSampled :
TP2-0-2

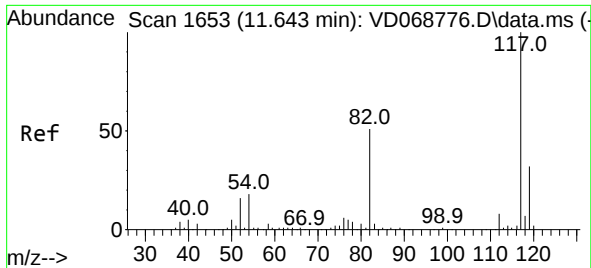
Tgt Ion: 63 Resp: 53
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#62
4-Bromofluorobenzene
Concen: 62.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion: 95 Resp: 188534
Ion Ratio Lower Upper
95 100
174 84.2 0.0 168.0
176 82.1 0.0 160.2

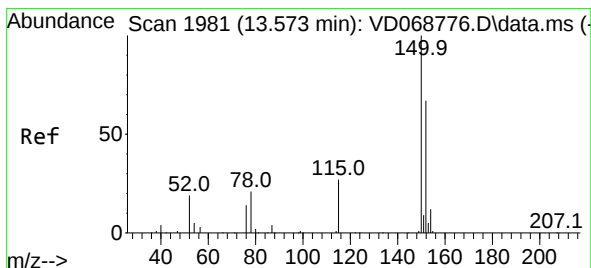
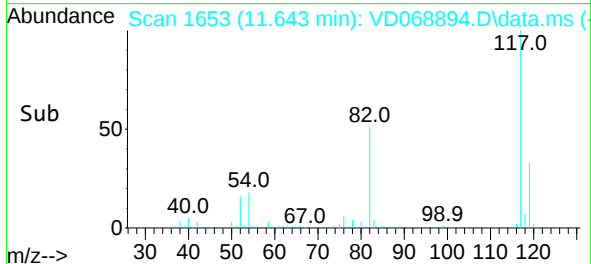
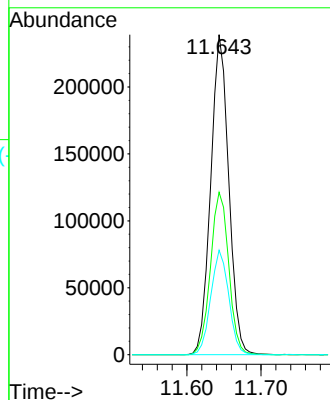
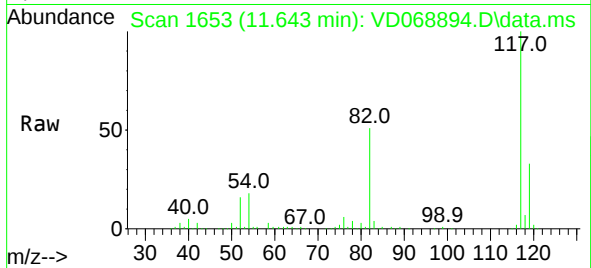




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

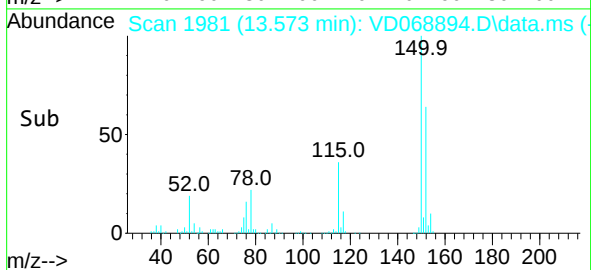
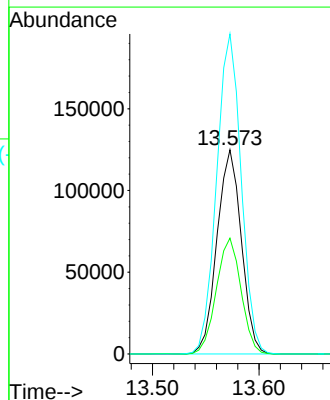
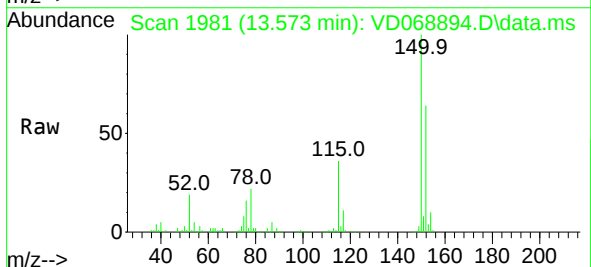
Instrument :
MSVOA_D
ClientSampled :
TP2-0-2

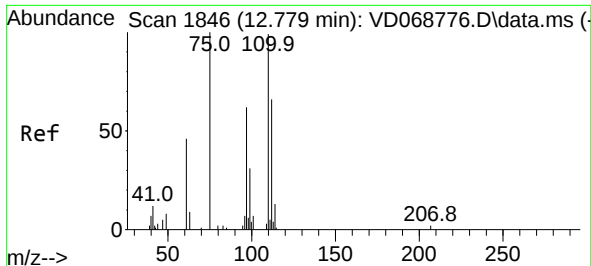
Tgt Ion:117 Resp: 403383
Ion Ratio Lower Upper
117 100
82 50.8 43.5 65.3
119 32.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion:152 Resp: 198256
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 157.9 0.0 347.6

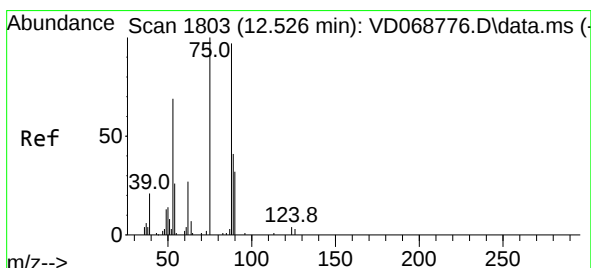
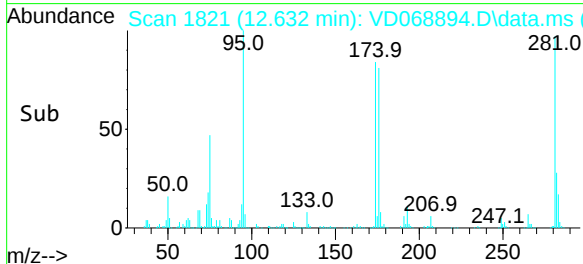
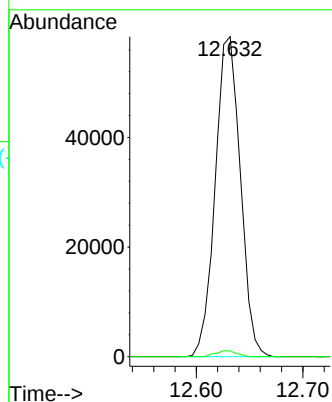
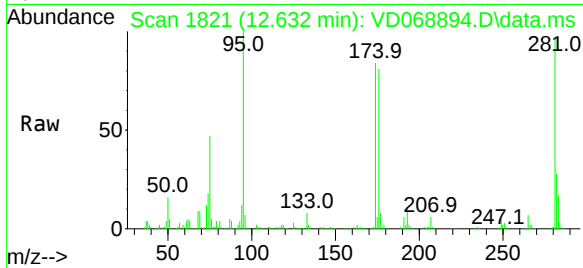




#76
1,2,3-Trichloropropane
Concen: 52.72 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Instrument :
MSVOA_D
ClientSampled :
TP2-0-2

Tgt Ion: 75 Resp: 95492
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.36 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068894.D
Acq: 19 Apr 2021 12:47

Tgt Ion: 75 Resp: 95492
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 1.0 36.6 54.8#

