

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102319\
 Data File : VD064032.D
 Acq On : 23 Oct 2019 20:33
 Operator : VA/SY
 Sample : K5498-20
 Misc : 6.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 193-68-(1)

Quant Time: Oct 24 06:59:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

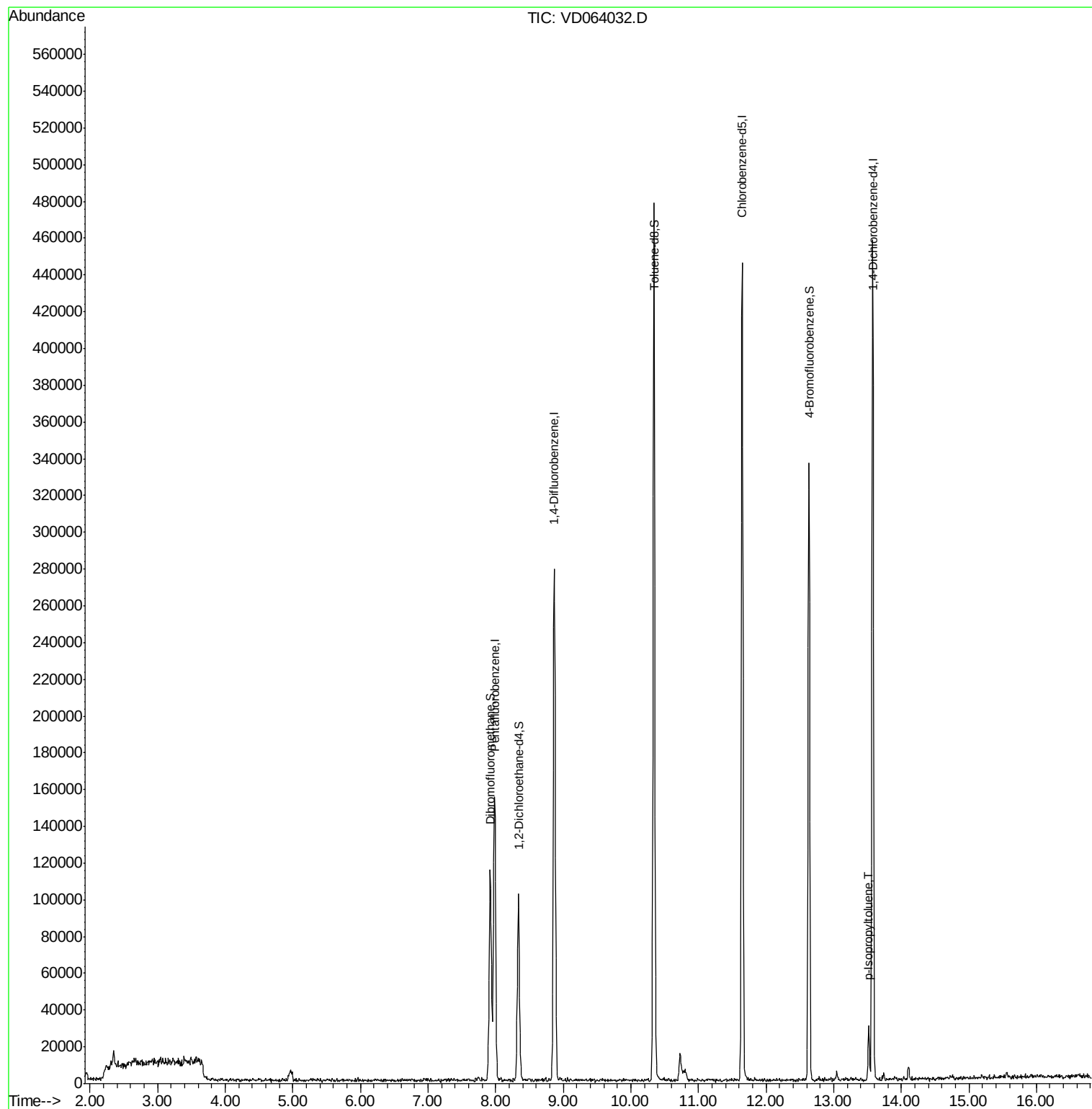
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	116123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	233346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	253218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	74320	65.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.48%	
35) Dibromofluoromethane	7.92	113	75132	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	10.34	98	322877	55.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.64	95	91467	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
86) p-Isopropyltoluene	13.52	119	15210	2.100	ug/l	Qvalue 94

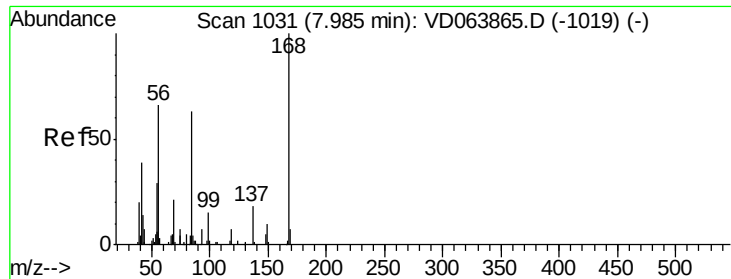
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064032.D

Acq: 23 Oct 2019 20:33

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MSVOA_D

ClientSampleId :

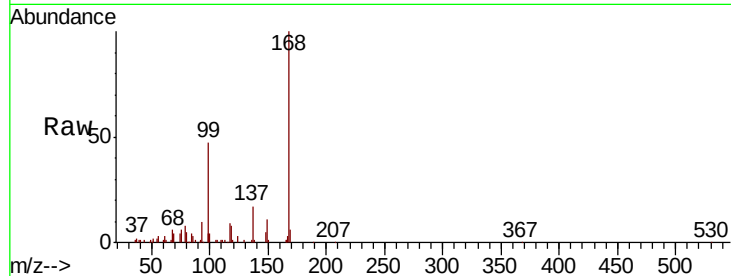
193-68-(1)

Tot Ion:168 Resp: 116123

Ion Ratio Lower Upper

168 100

99 46.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

50000

40000

30000

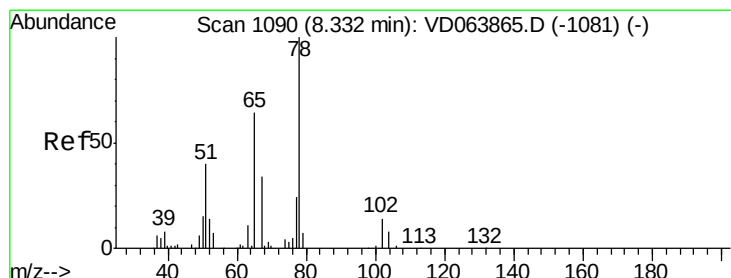
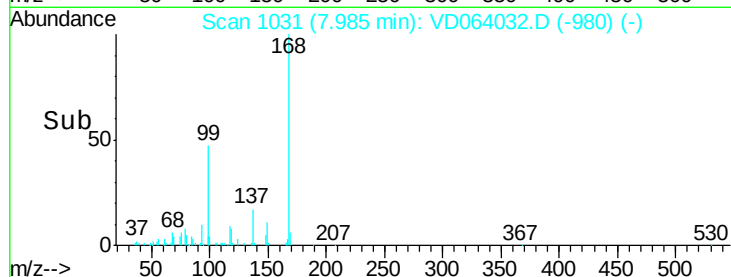
20000

10000

0

Time-->

7.90 7.95 8.00 8.05 8.10



#33

1,2-Dichloroethane-d4

Concen: 65.738 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064032.D

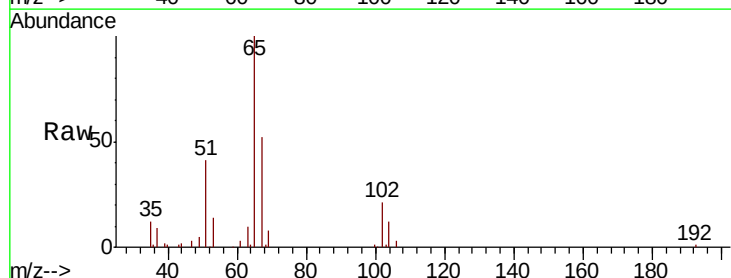
Acq: 23 Oct 2019 20:33

Tgt Ion: 65 Resp: 74320

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

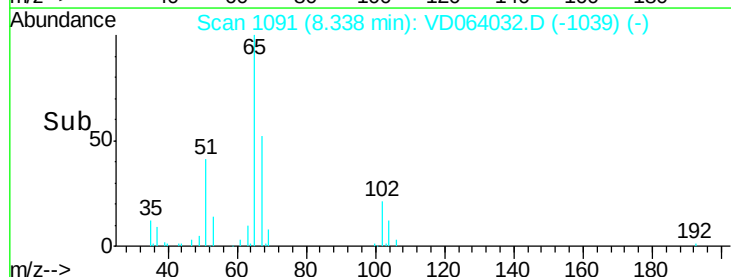
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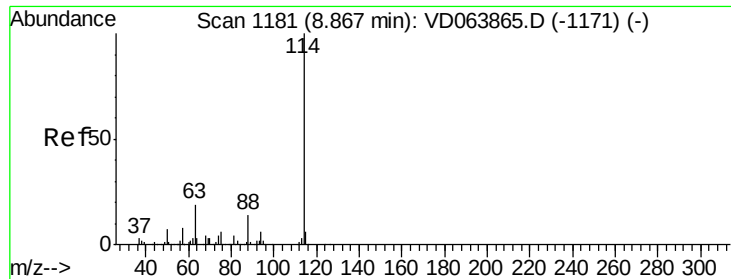
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0

Time-->

8.25 8.30 8.35 8.40 8.45

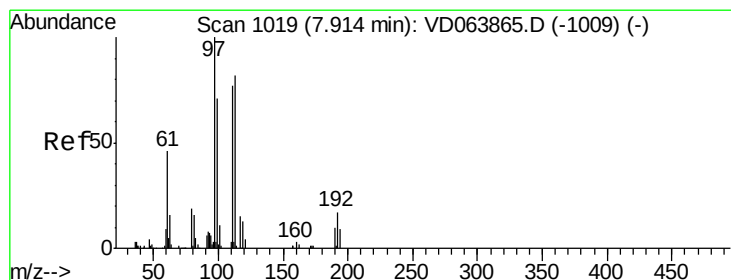
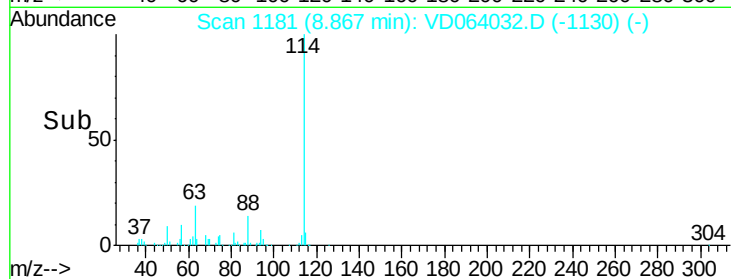
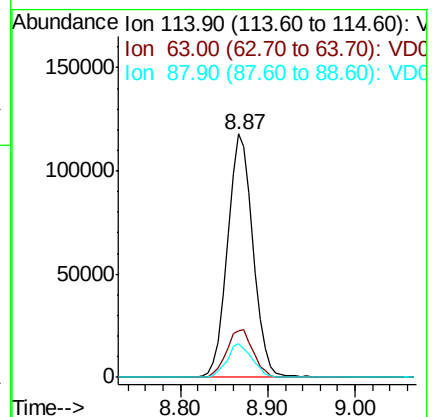
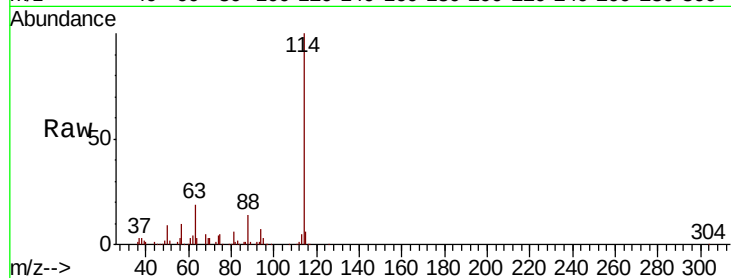




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064032.D
 Acq: 23 Oct 2019 20:33

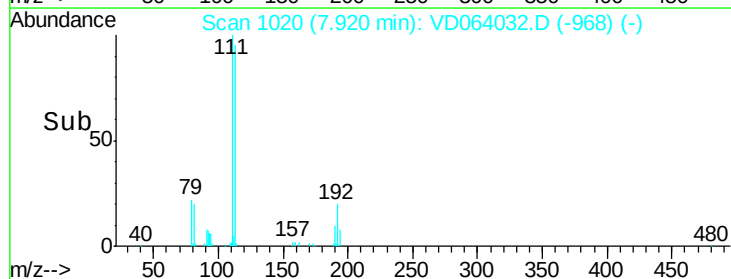
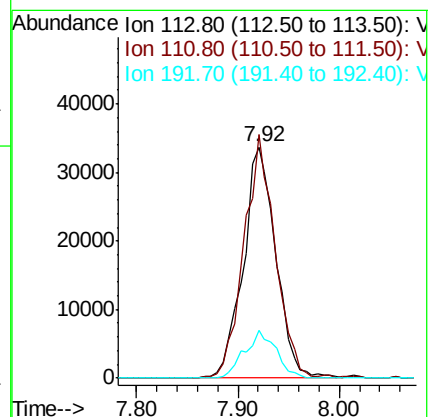
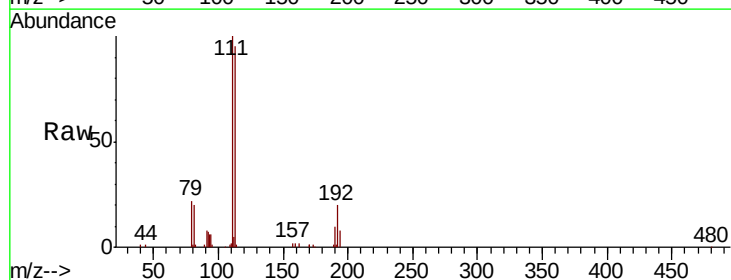
Instrument :
 MSVOA_D
 ClientSampleId :
 193-68-(1)

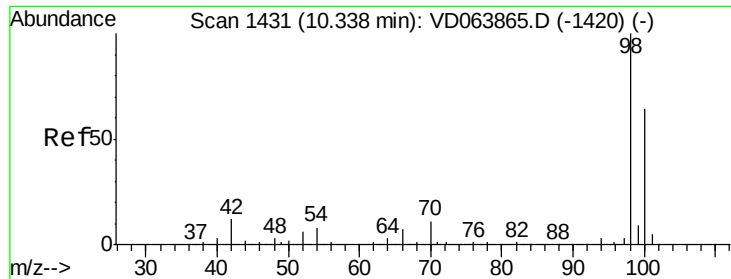
Tot Ion	114	Resp: Lower	233346 Upper
114	100		
63	18.9	0.0	38.4
88	13.8	0.0	27.4



#35
 Dibromofluoromethane
 Concen: 52.685 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD064032.D
 Acq: 23 Oct 2019 20:33

Tgt	Ion:113	Resp:	75132
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	20.0	17.1	25.7

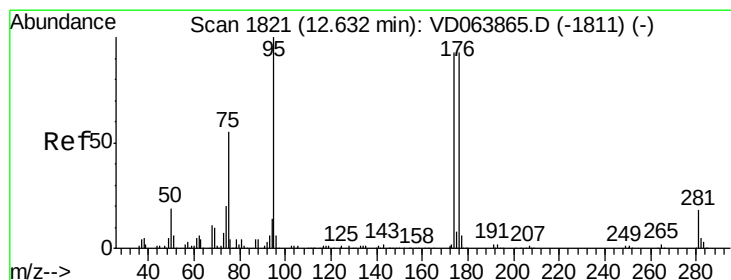
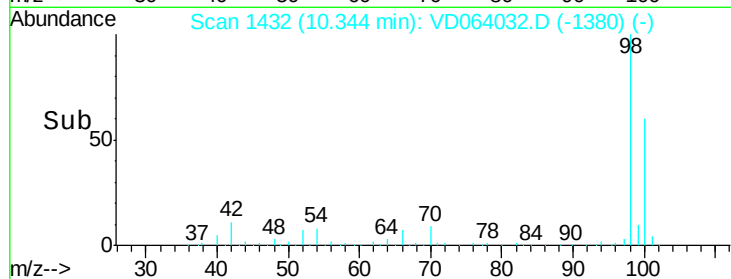
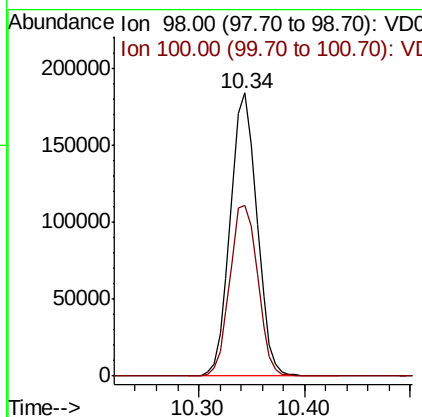
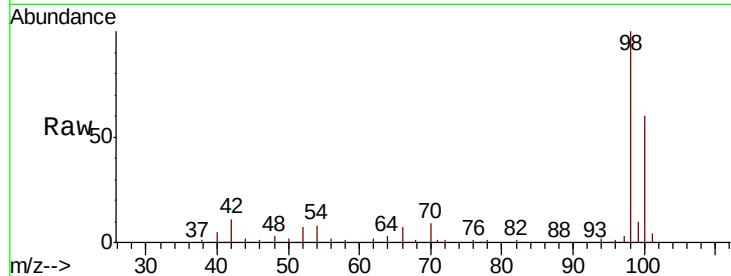




#50
Toluene-d8
Concen: 55.783 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064032.D
Acq: 23 Oct 2019 20:33

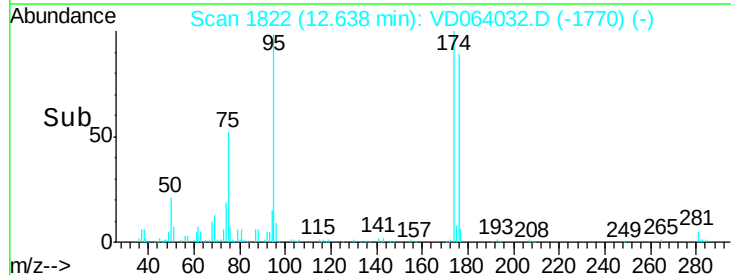
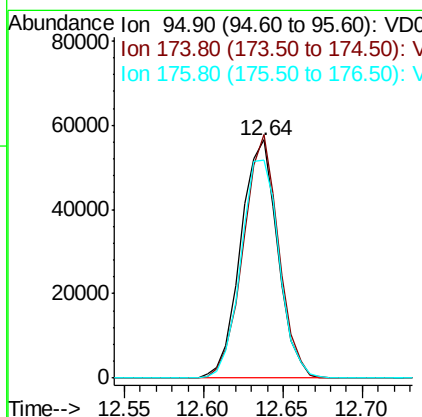
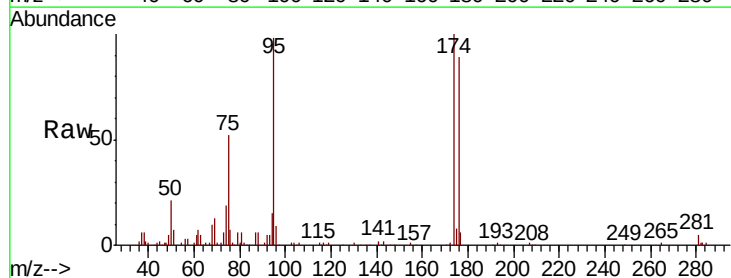
Instrument :
MSVOA_D
ClientSampleId :
193-68-(1)

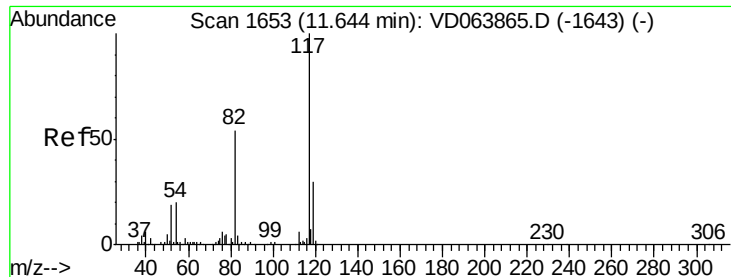
Tot Ion: 98 Resp: 322877
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.475 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064032.D
Acq: 23 Oct 2019 20:33

Tgt Ion: 95 Resp: 91467
Ion Ratio Lower Upper
95 100
174 97.7 0.0 186.4
176 94.8 0.0 184.2

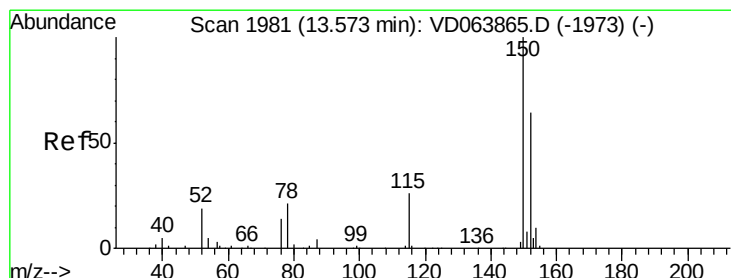
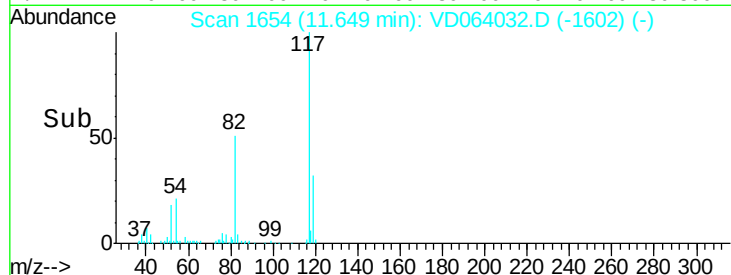
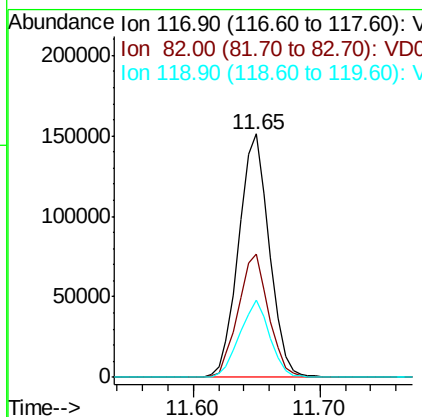
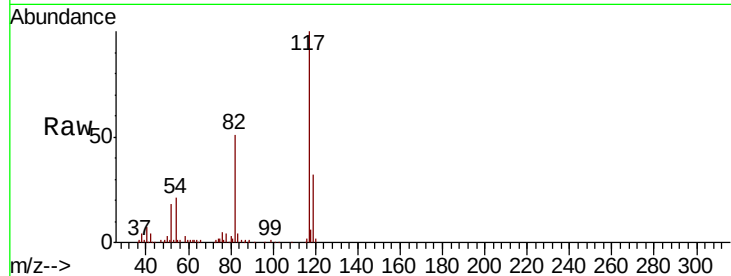




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064032.D
Acq: 23 Oct 2019 20:33

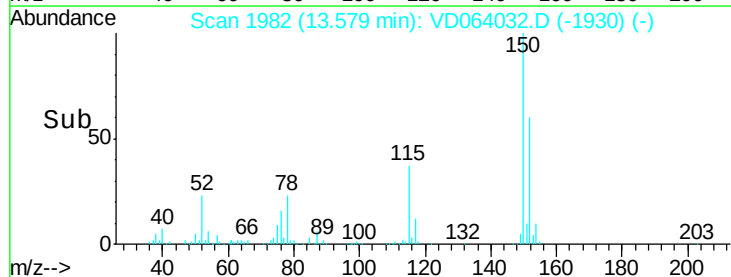
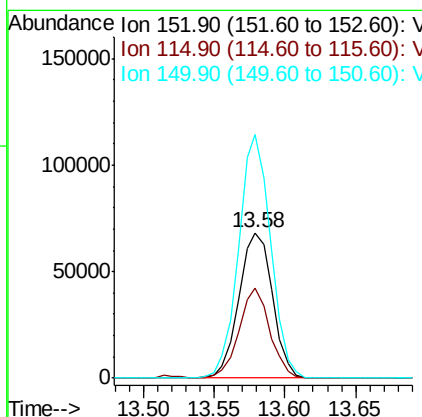
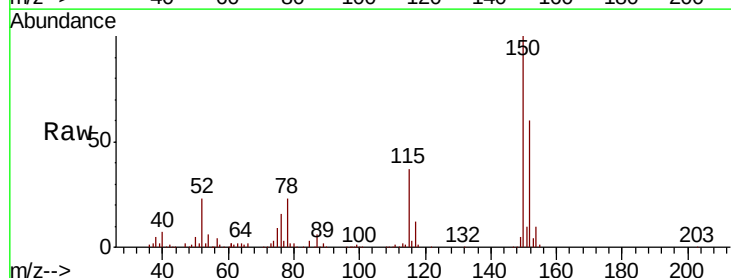
Instrument :
MSVOA_D
ClientSampleId :
193-68-(1)

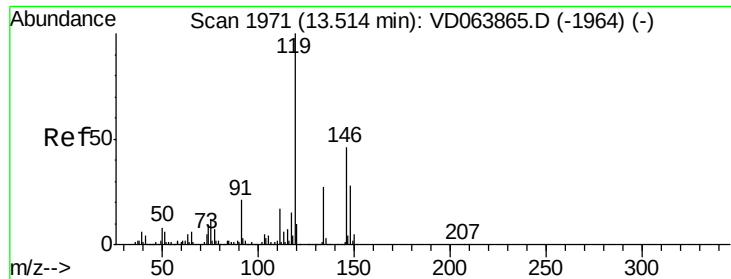
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.8	64.2
119	31.9	24.4	36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD064032.D
Acq: 23 Oct 2019 20:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	25.9	77.7
150	159.8	0.0	344.2





#86
 p-Isopropyltoluene
 Concen: 2.100 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VD064032.D
 Acq: 23 Oct 2019 20:33

Instrument :
 MSVOA_D
 ClientSampleId :
 193-68-(1)

Tot Ion	Ratio	Lower	Upper
119	100		
134	31.5	13.9	41.6
91	20.3	11.2	33.5

