

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063328.D
 Acq On : 2 Aug 2019 20:29
 Operator : VA/AP
 Sample : K4130-10
 Misc : 5.28g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F4-(30)

Quant Time: Aug 04 04:39:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

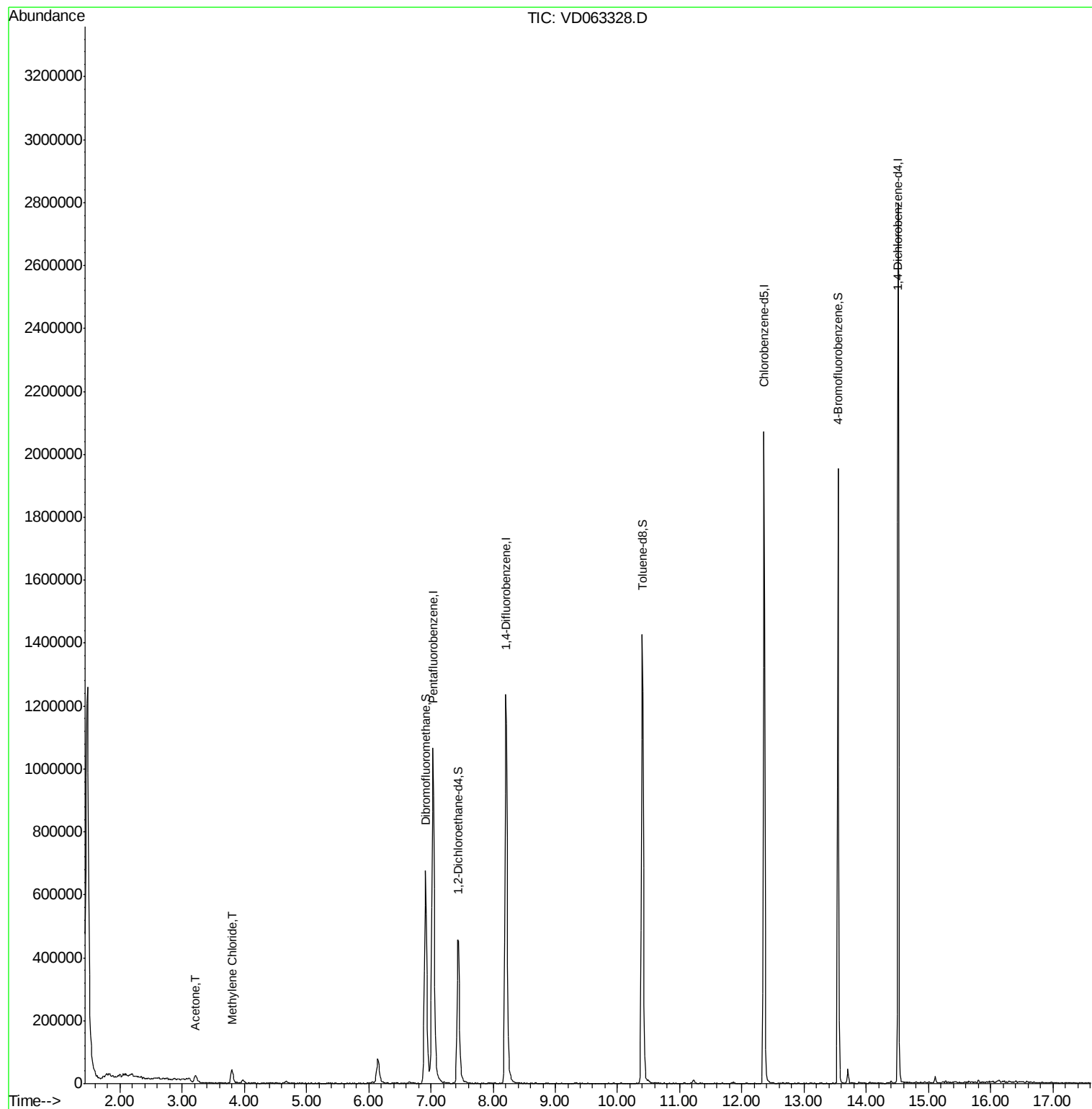
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	1031684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1396563	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1122090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	607937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	544513	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	6.91	113	572321	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
50) Toluene-d8	10.40	98	1185740	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	13.55	95	497524	40.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.82%	
Target Compounds						
16) Acetone	3.21	43	50029	22.430	ug/l	99
20) Methylene Chloride	3.80	84	25495	2.828	ug/l #	90

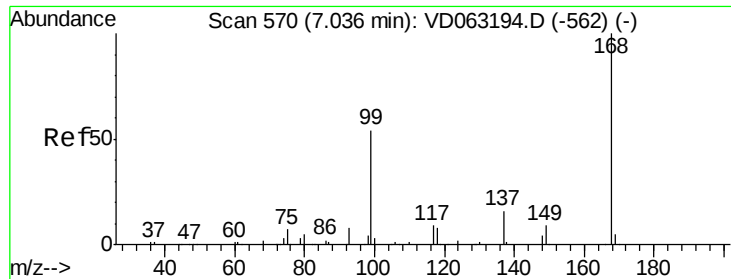
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063328.D

Acq: 2 Aug 2019 20:29

Instrument :

MSVOA_D

ClientSampleId :

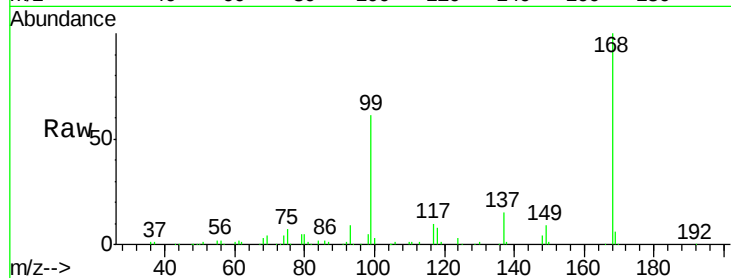
1S-F4-(30)

Tot Ion:168 Resp: 1031684

Ion Ratio Lower Upper

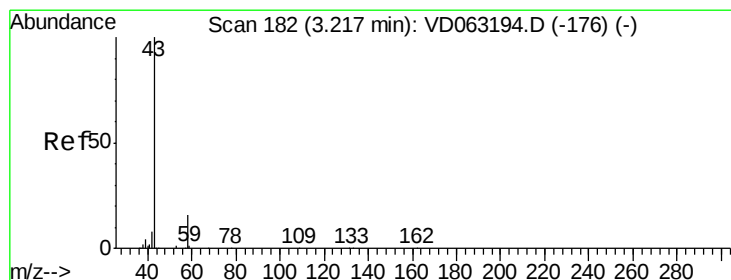
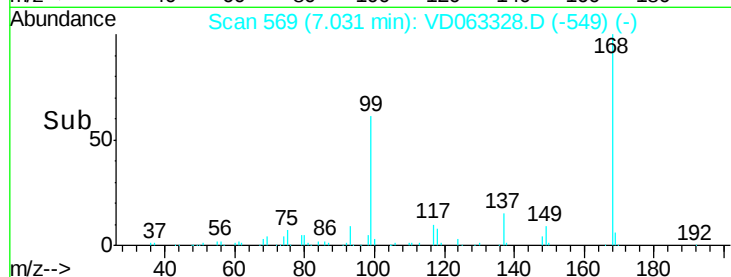
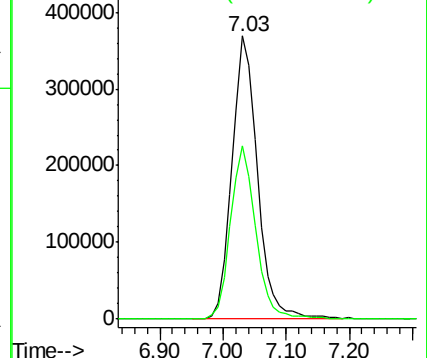
168 100

99 61.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 22.430 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063328.D

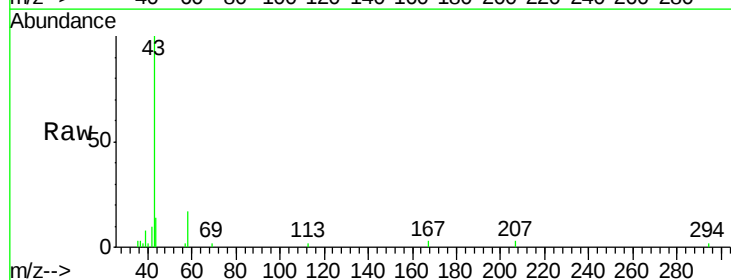
Acq: 2 Aug 2019 20:29

Tgt Ion: 43 Resp: 50029

Ion Ratio Lower Upper

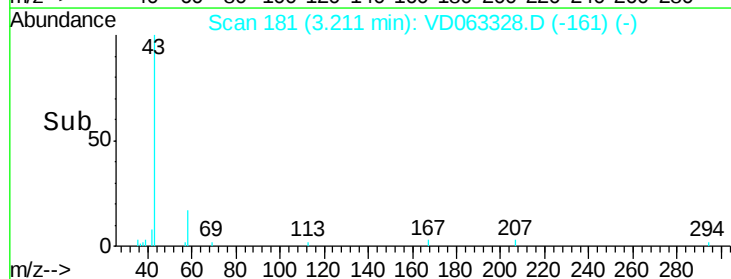
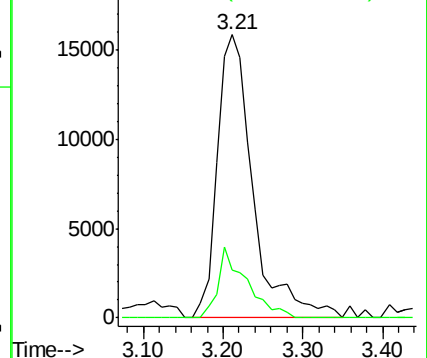
43 100

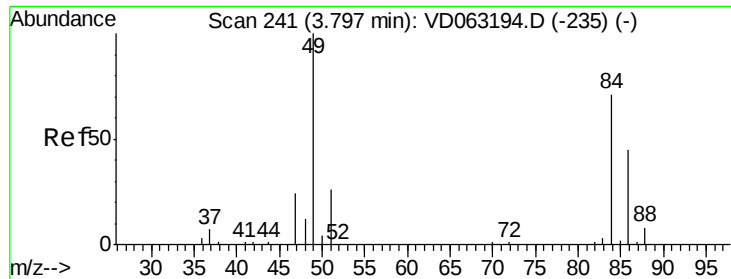
58 16.8 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

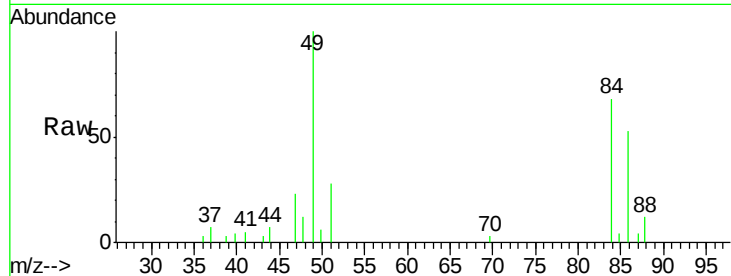




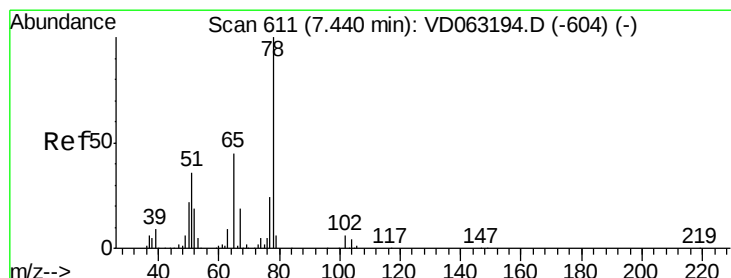
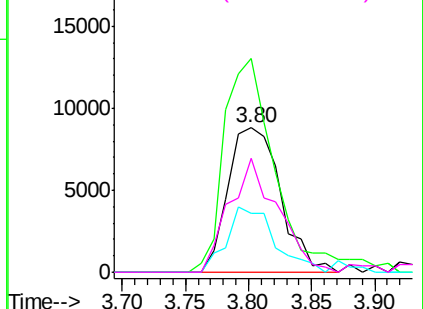
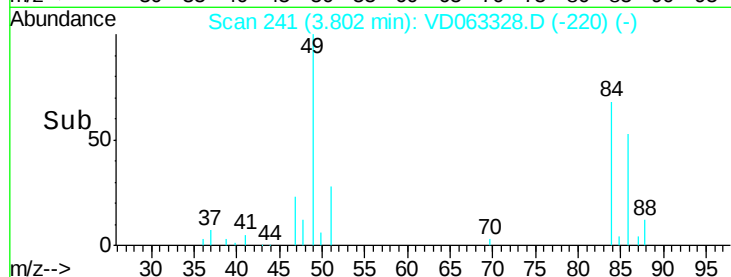
#20
Methvlene Chloride
Concen: 2.828 ug/l
RT: 3.80 min Scan# 241
Delta R.T. 0.00 min
Lab File: VD063328.D
Acq: 2 Aug 2019 20:29

Instrument :
MSVOA_D
ClientSampleId :
1S-F4-(30)

Tot Ion: 84 Resp: 25495
Ion Ratio Lower Upper
84 100
49 147.8 112.5 168.7
51 41.1 29.6 44.4
86 78.9 50.4 75.6#

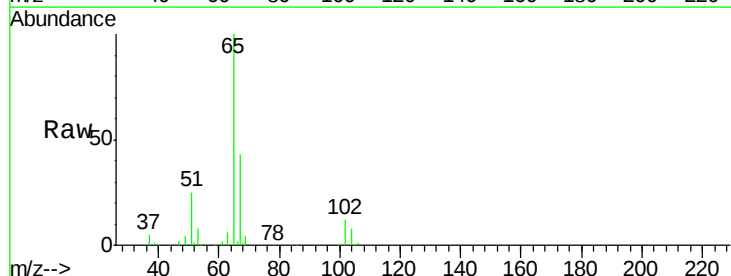


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

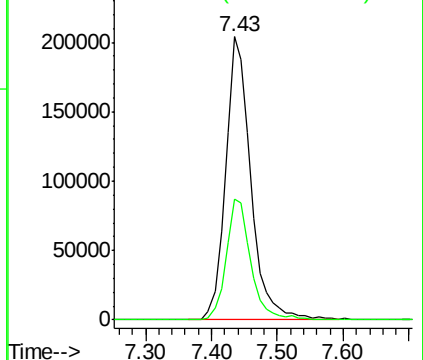
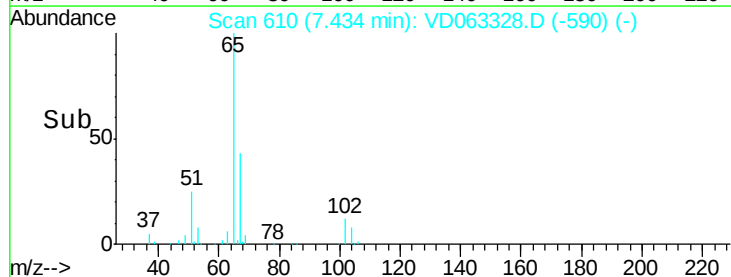


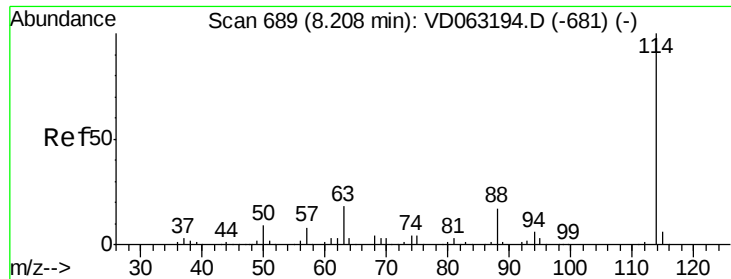
#33
1,2-Dichloroethane-d4
Concen: 47.566 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.01 min
Lab File: VD063328.D
Acq: 2 Aug 2019 20:29

Tgt Ion: 65 Resp: 544513
Ion Ratio Lower Upper
65 100
67 42.5 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

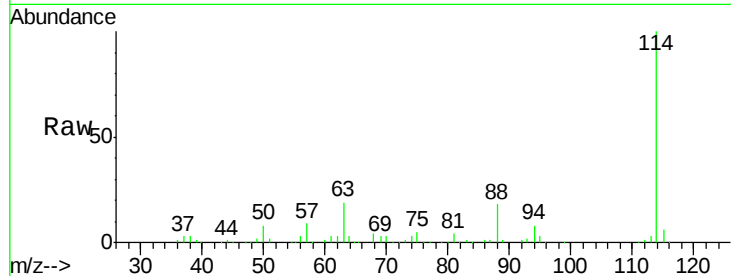




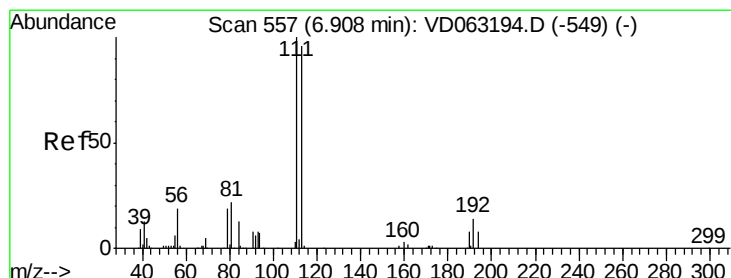
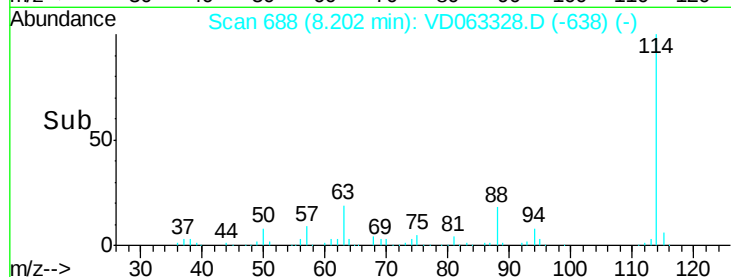
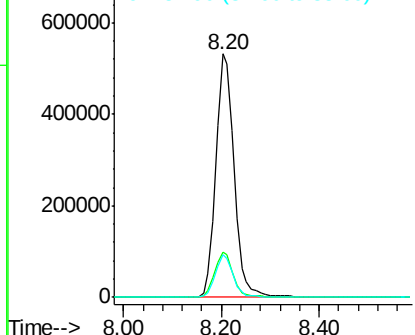
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD063328.D
 Acq: 2 Aug 2019 20:29

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F4-(30)

Tot Ion:114 Resp: 1396563
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.2
 88 17.7 0.0 34.6

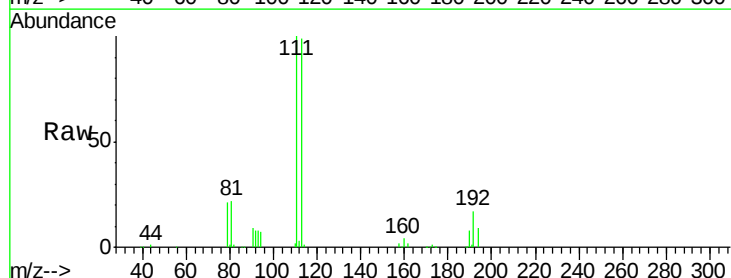


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

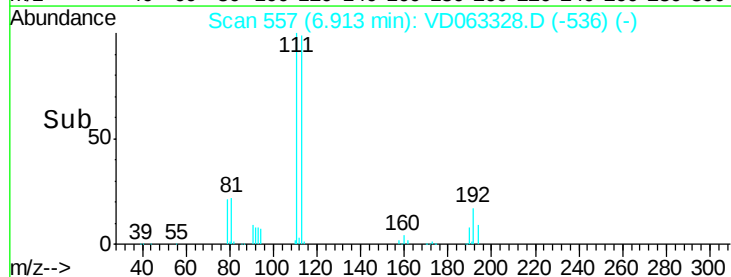
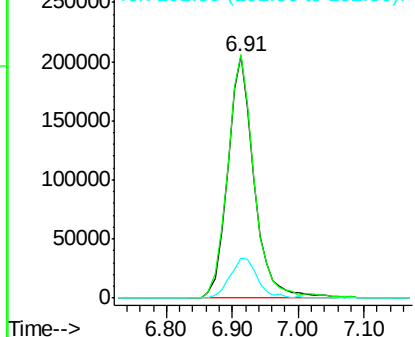


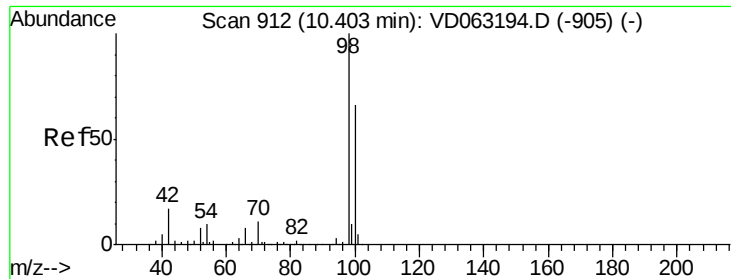
#35
 Dibromofluoromethane
 Concen: 47.999 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD063328.D
 Acq: 2 Aug 2019 20:29

Tgt Ion:113 Resp: 572321
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.2 124.8
 192 16.7 11.8 17.8



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 44.435 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063328.D

Acq: 2 Aug 2019 20:29

Instrument :

MSVOA_D

ClientSampleId :

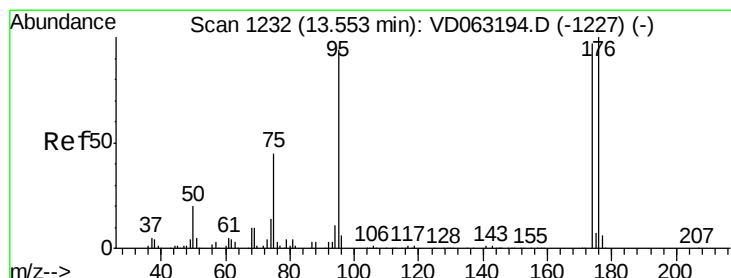
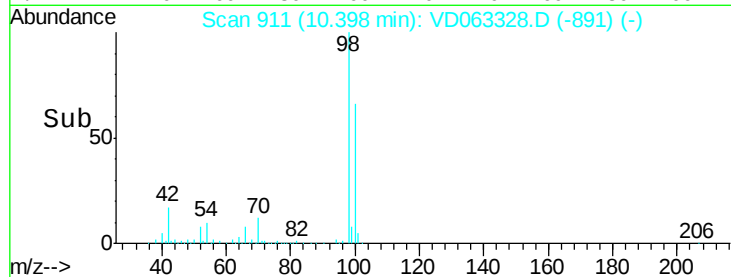
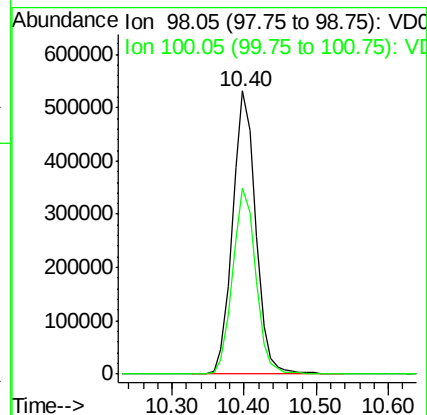
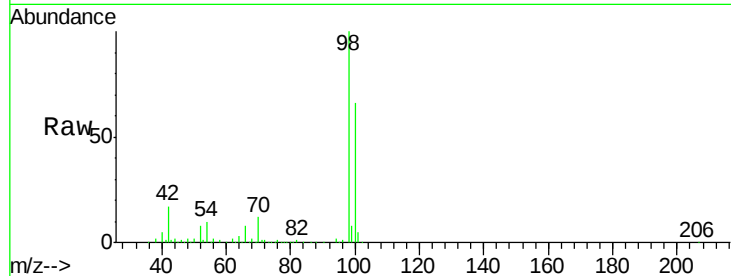
1S-F4-(30)

Tot Ion: 98 Resp: 1185740

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 40.914 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063328.D

Acq: 2 Aug 2019 20:29

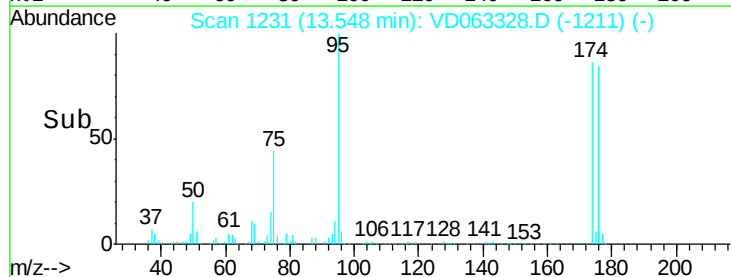
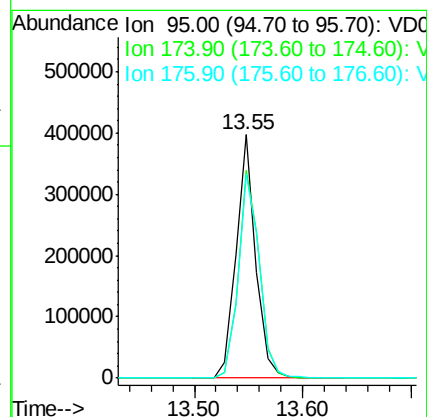
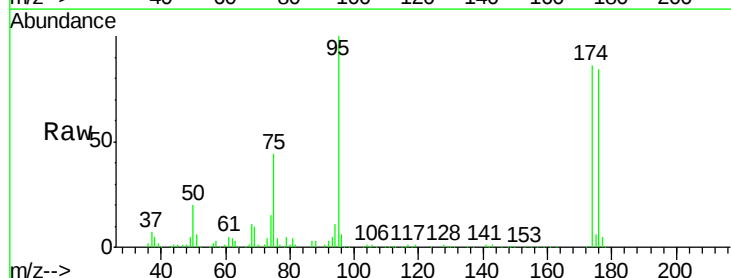
Tgt Ion: 95 Resp: 497524

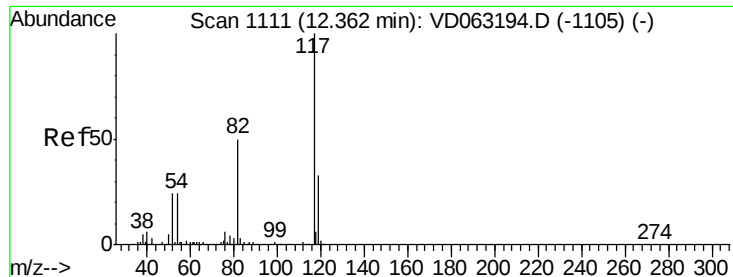
Ion Ratio Lower Upper

95 100

174 85.5 0.0 205.4

176 83.6 0.0 211.8

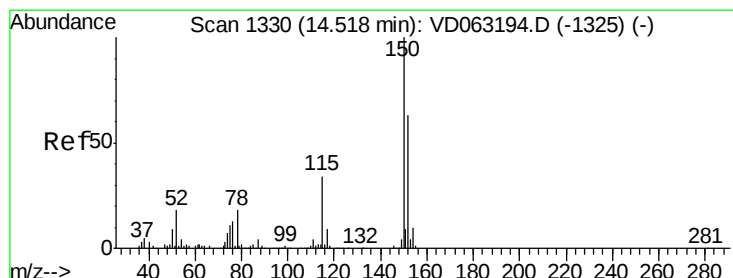
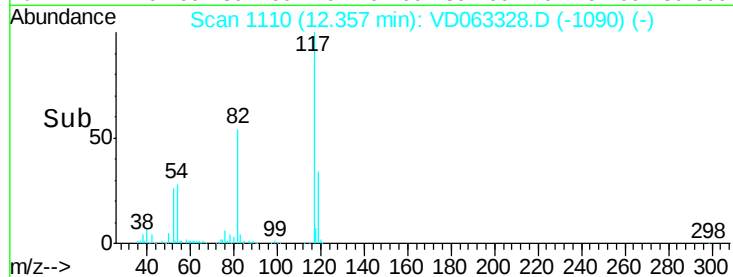
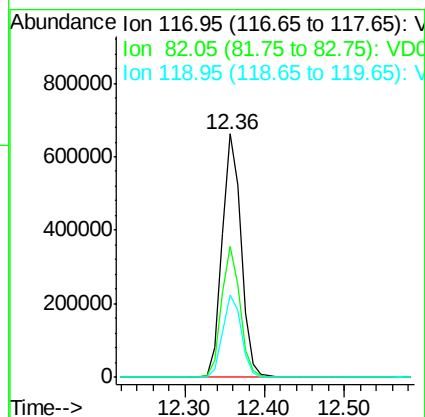
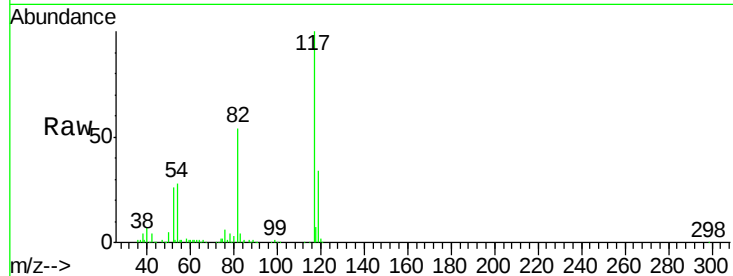




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD063328.D
Acq: 2 Aug 2019 20:29

Instrument :
MSVOA_D
ClientSampleId :
1S-F4-(30)

Tot Ion:117 Resp: 1122090
Ion Ratio Lower Upper
117 100
82 53.6 40.1 60.1
119 34.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063328.D
Acq: 2 Aug 2019 20:29

Tgt Ion:152 Resp: 607937
Ion Ratio Lower Upper
152 100
115 55.3 27.5 82.4
150 150.8 0.0 320.6

