

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063293.D
 Acq On : 1 Aug 2019 15:35
 Operator : VA/AP
 Sample : K4120-03
 Misc : 4.87g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T1-3

Quant Time: Aug 02 08:00:56 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	7.02	168	49092	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	79810	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	73023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	36811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	32180	59.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.16%	
35) Dibromofluoromethane	6.91	113	29921	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
50) Toluene-d8	10.40	98	54899	36.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.00%	
62) 4-Bromofluorobenzene	13.55	95	28968	41.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.36%	

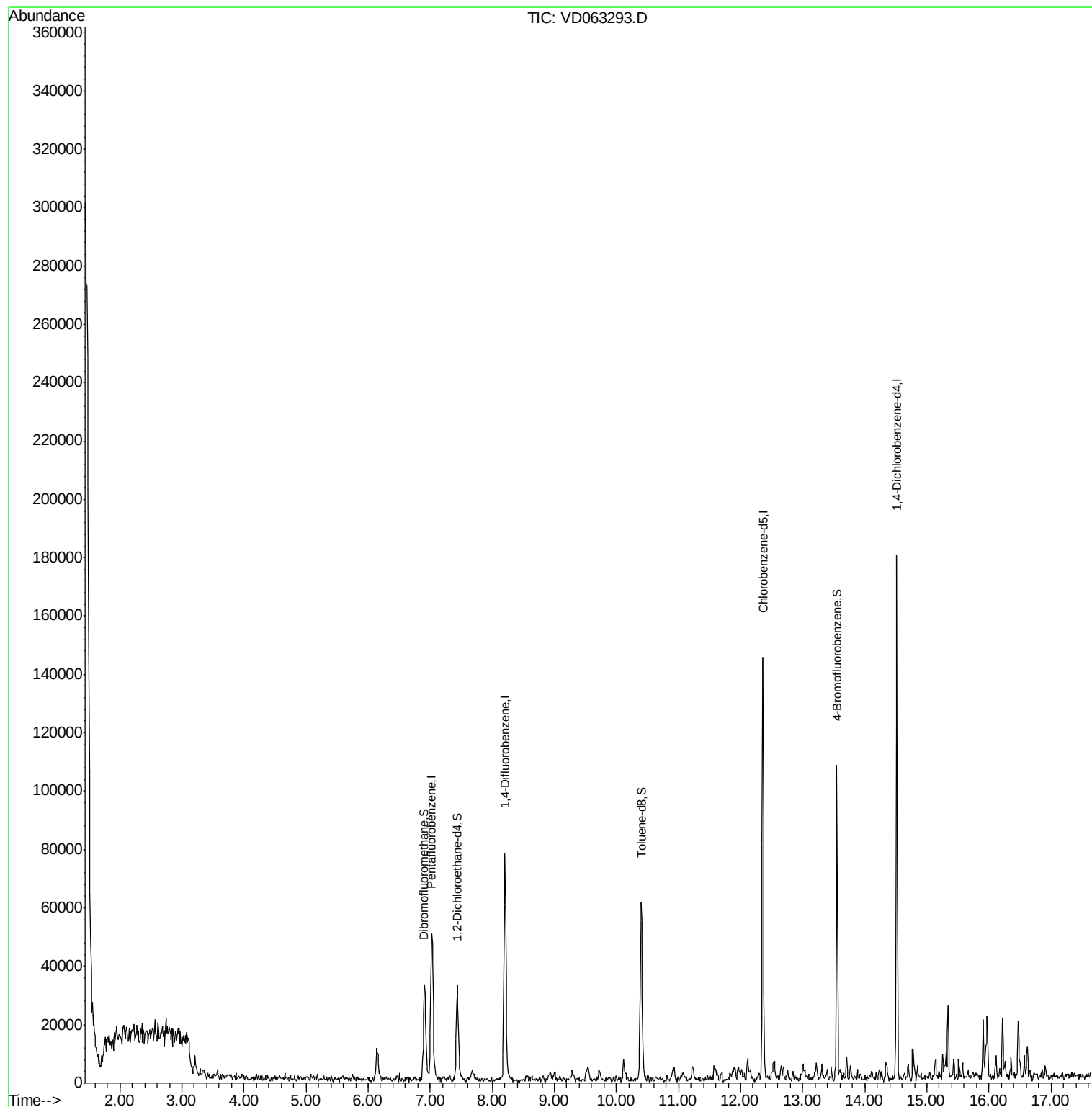
Target Compounds	Qvalue

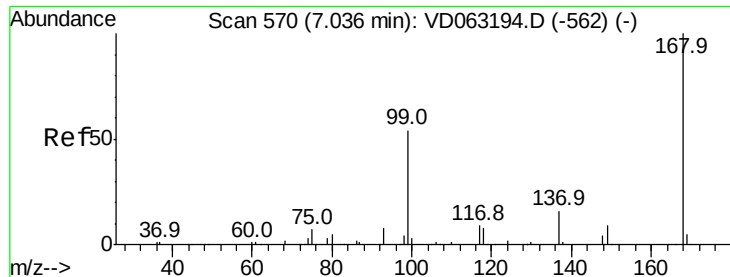
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.02 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD063293.D

Acq: 1 Aug 2019 15:35

Instrument :

MSVOA_D

ClientSampleId :

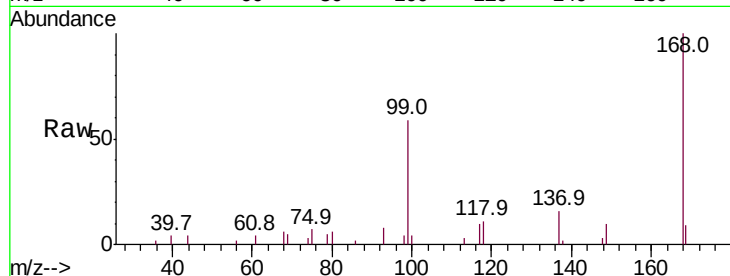
T1-3

Tot Ion:168 Resp: 49092

Ion Ratio Lower Upper

168 100

99 59.5 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

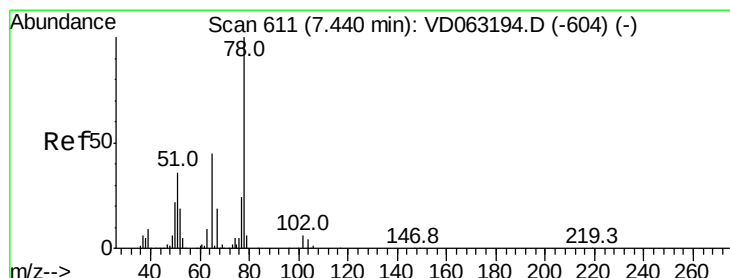
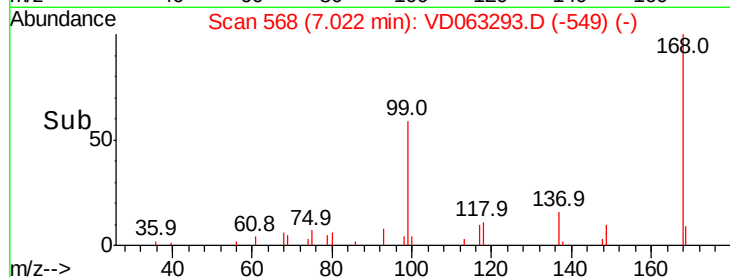
15000

10000

5000

0

Time--> 6.90 7.00 7.10



#33

1,2-Dichloroethane-d4

Concen: 59.076 ug/l

RT: 7.44 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD063293.D

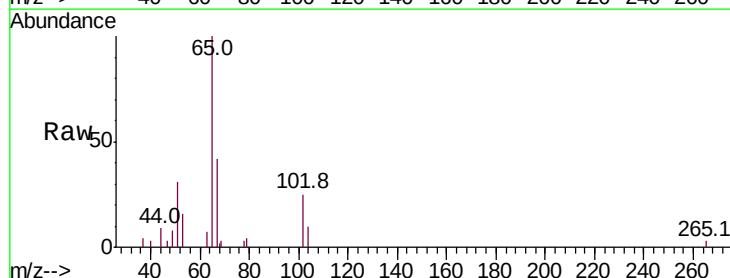
Acq: 1 Aug 2019 15:35

Tgt Ion: 65 Resp: 32180

Ion Ratio Lower Upper

65 100

67 41.8 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

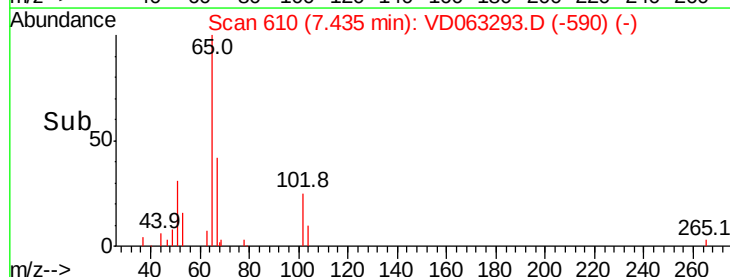
7.44

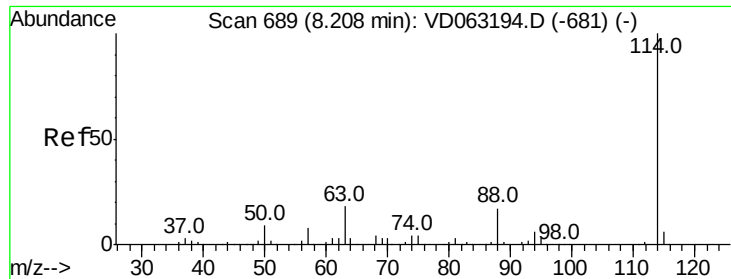
10000

5000

0

Time--> 7.40 7.50

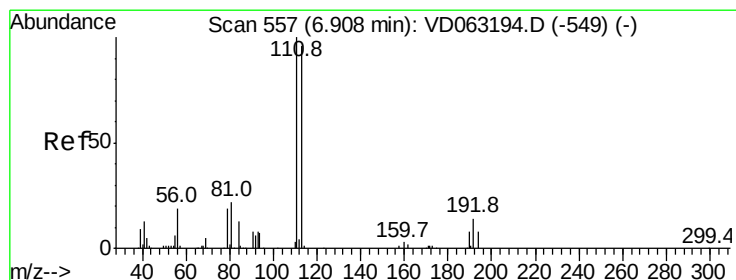
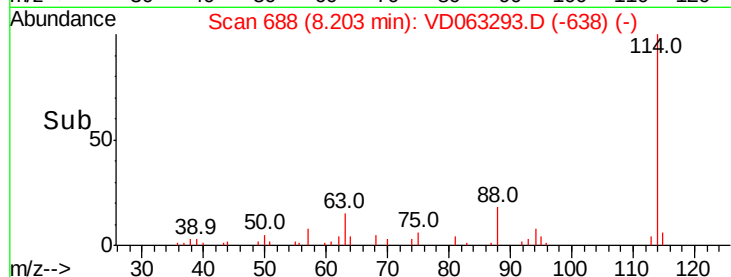
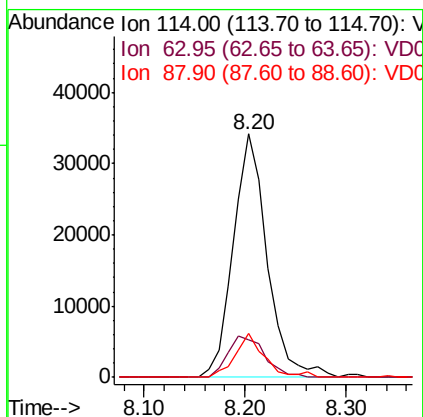
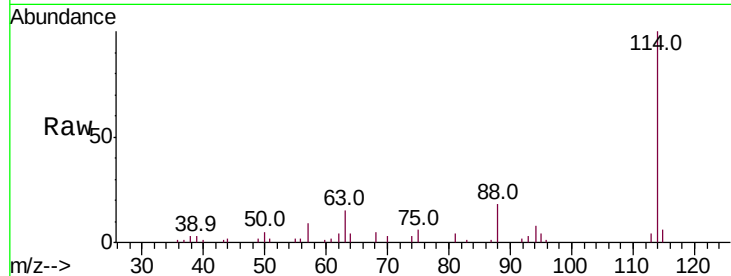




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.00 min
 Lab File: VD063293.D
 Acq: 1 Aug 2019 15:35

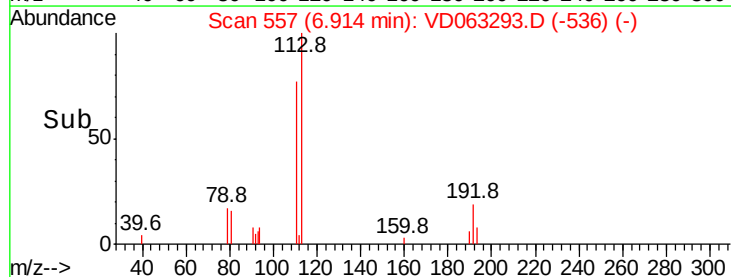
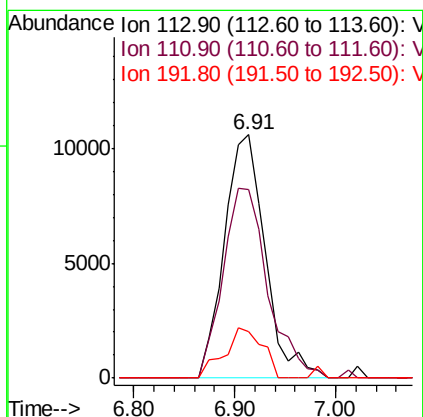
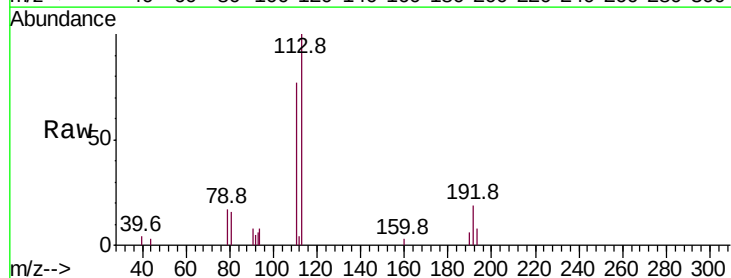
Instrument :
 MSVOA_D
 ClientSampleId :
 T1-3

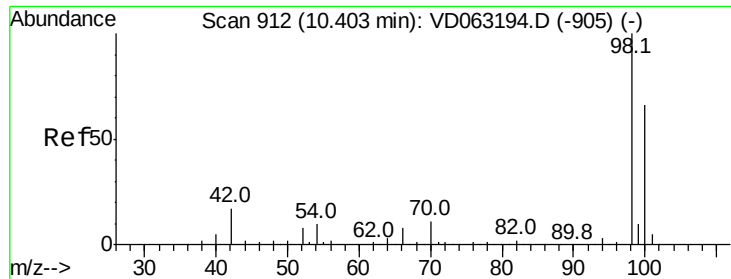
Tot Ion:114 Resp: 79810
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 35.2
 88 18.2 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 43.911 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD063293.D
 Acq: 1 Aug 2019 15:35

Tgt Ion:113 Resp: 29921
 Ion Ratio Lower Upper
 113 100
 111 77.3 83.2 124.8#
 192 19.0 11.8 17.8#

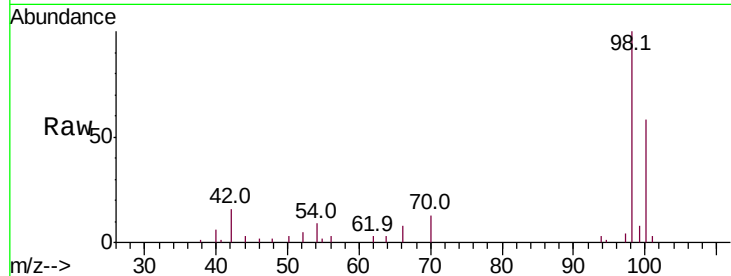




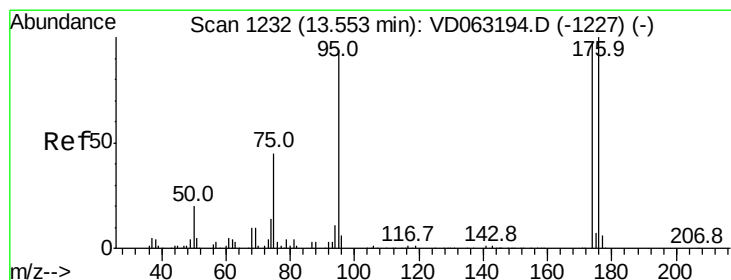
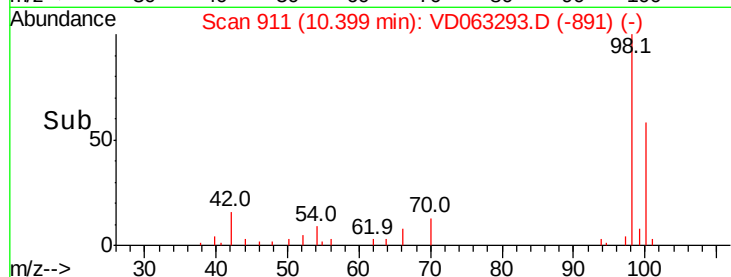
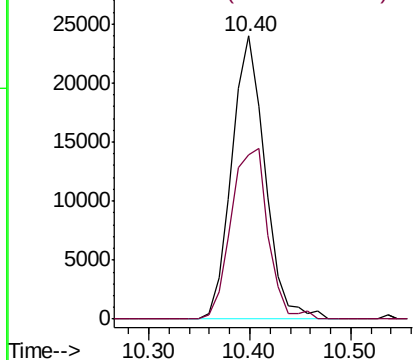
#50
Toluene-d8
Concen: 36.000 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument :
MSVOA_D
ClientSampled :
T1-3

Tot Ion: 98 Resp: 54899
Ion Ratio Lower Upper
98 100
100 57.9 53.2 79.8

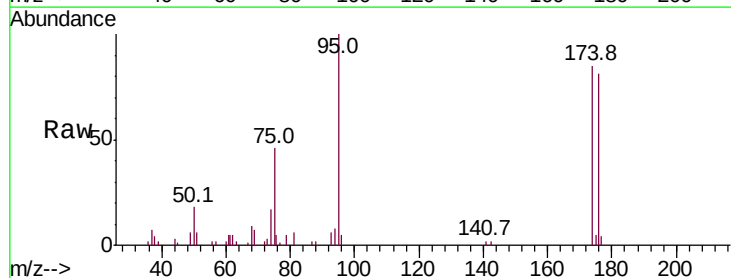


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

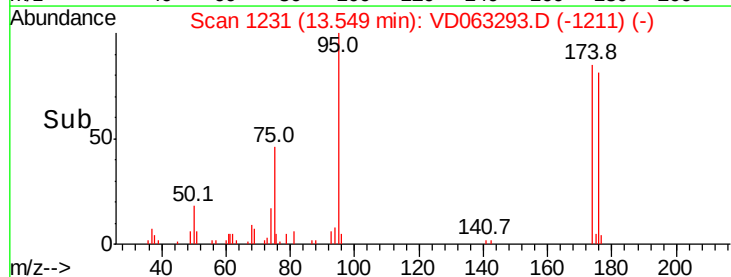
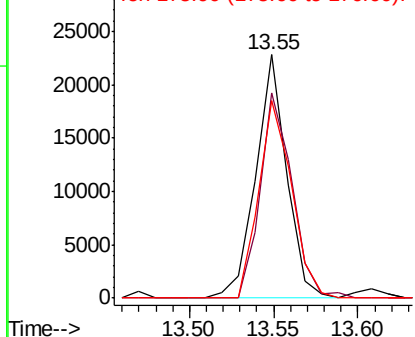


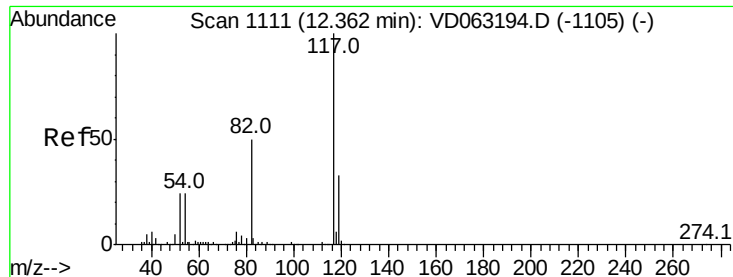
#62
4-Bromofluorobenzene
Concen: 41.685 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion: 95 Resp: 28968
Ion Ratio Lower Upper
95 100
174 84.5 0.0 205.4
176 81.4 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

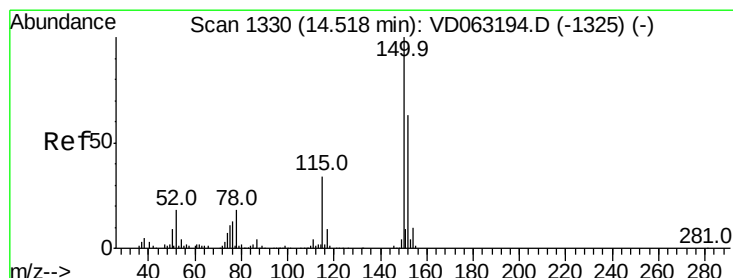
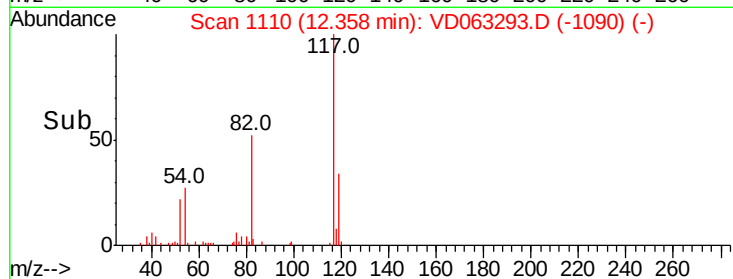
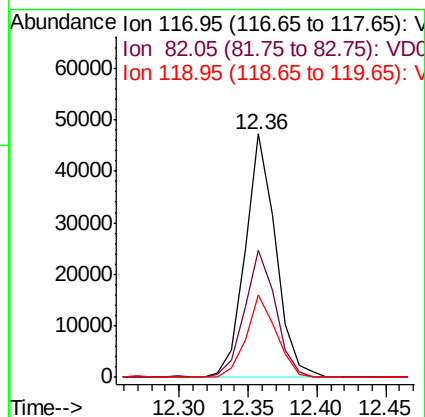
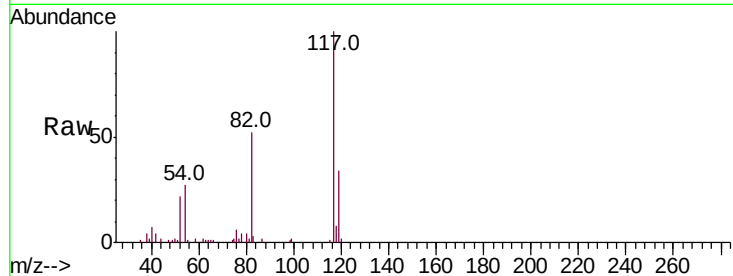




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Instrument :
MSVOA_D
ClientSampleId :
T1-3

Tot Ion:117 Resp: 73023
Ion Ratio Lower Upper
117 100
82 52.3 40.1 60.1
119 33.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063293.D
Acq: 1 Aug 2019 15:35

Tgt Ion:152 Resp: 36811
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.4
150 154.4 0.0 320.6

