

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073119\
 Data File : VD063279.D
 Acq On : 31 Jul 2019 15:21
 Operator : VA/AP
 Sample : K4107-02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

Quant Time: Aug 01 04:31:03 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

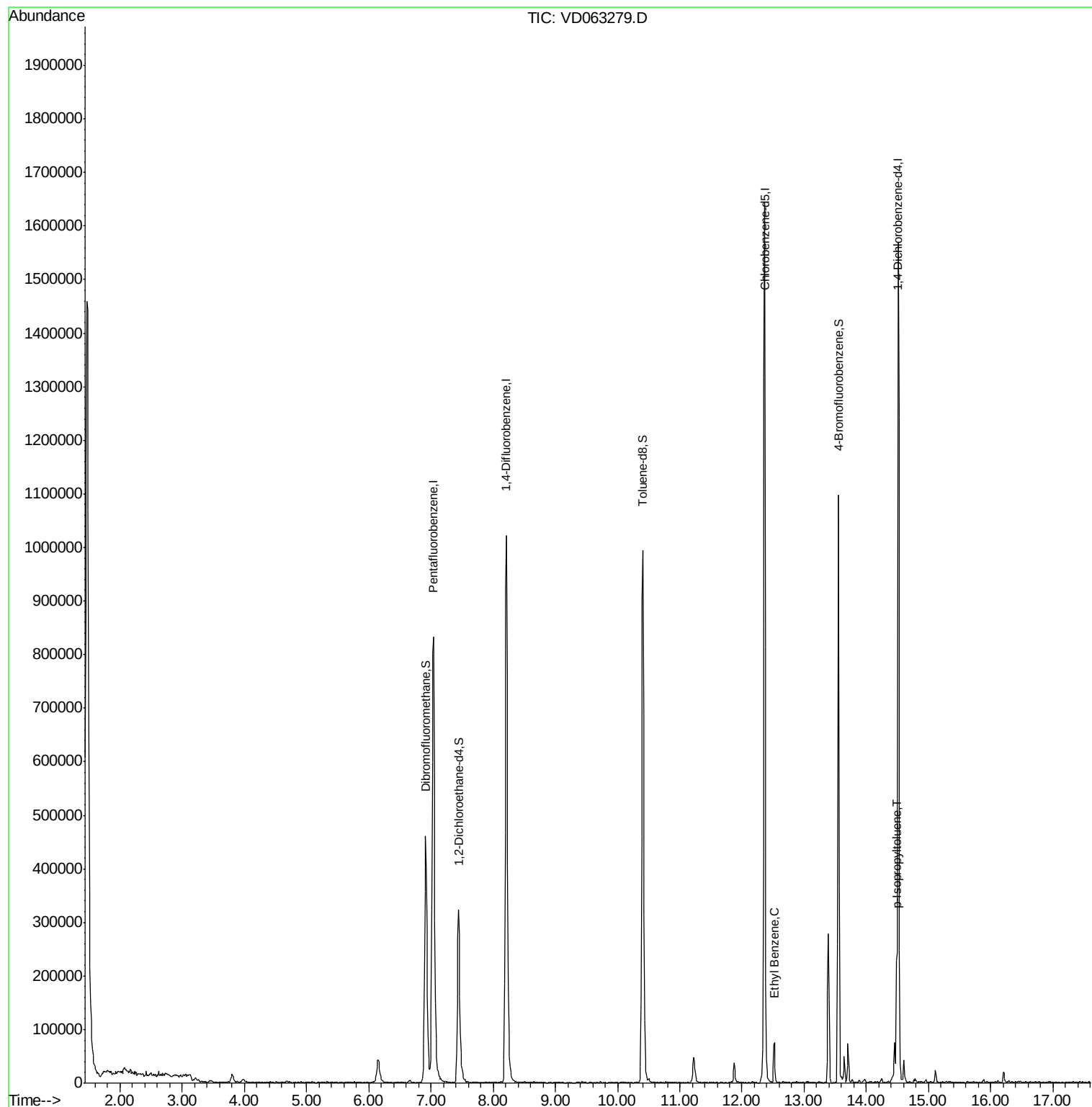
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	800785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1043089	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	857386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	362075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	348688	39.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.48%	
35) Dibromofluoromethane	6.91	113	389435	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
50) Toluene-d8	10.41	98	798993	40.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.18%	
62) 4-Bromofluorobenzene	13.55	95	322262	35.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.96%	
Target Compounds						
67) Ethyl Benzene	12.52	91	50793	1.813	ug/l	95
86) p-Isopropyltoluene	14.48	119	113828	5.058	ug/l	92

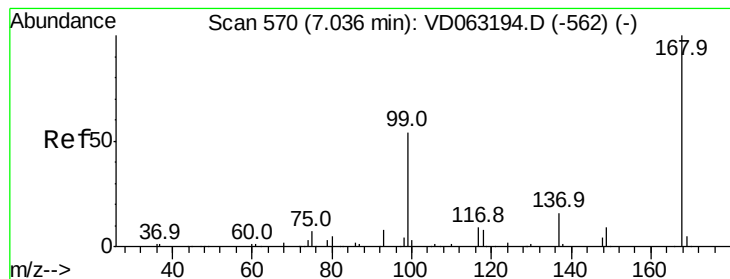
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063279.D

Acq: 31 Jul 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

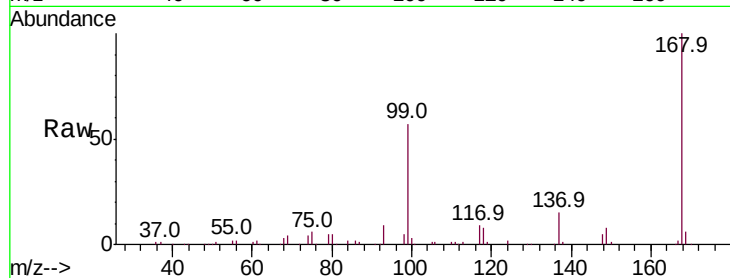
T-1A

Tot Ion:168 Resp: 800785

Ion Ratio Lower Upper

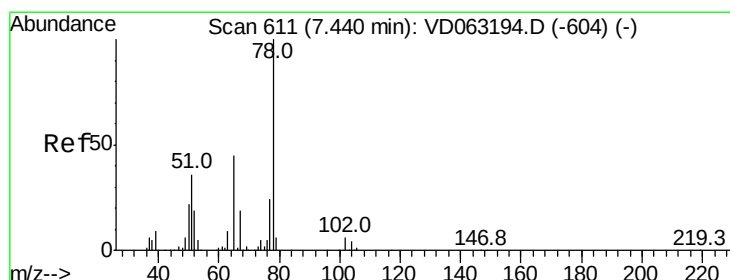
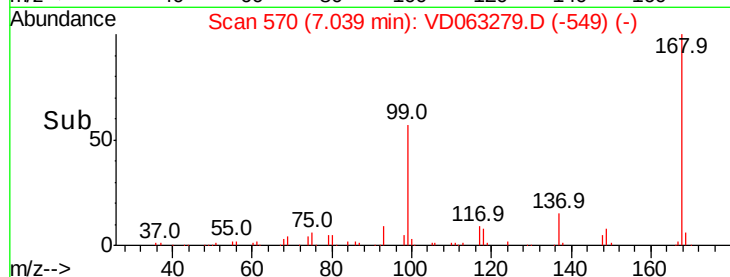
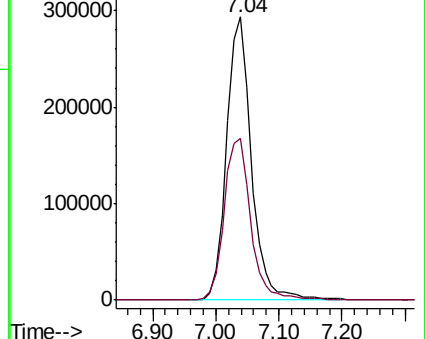
168 100

99 57.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 39.242 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063279.D

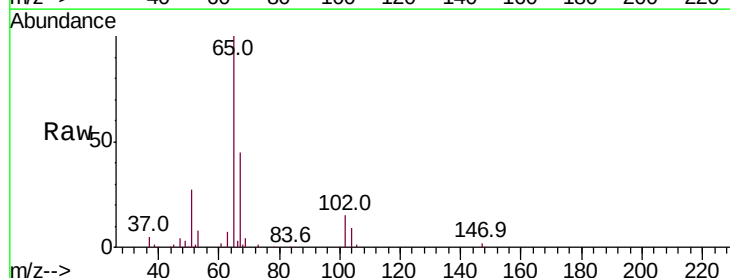
Acq: 31 Jul 2019 15:21

Tgt Ion: 65 Resp: 348688

Ion Ratio Lower Upper

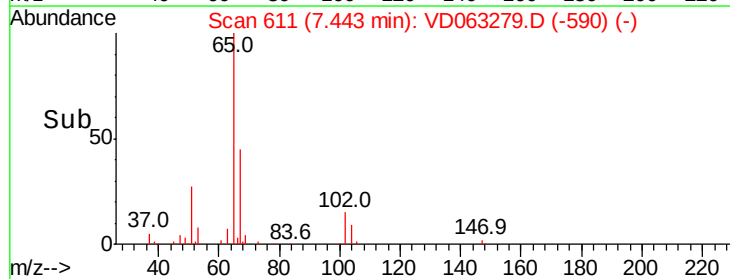
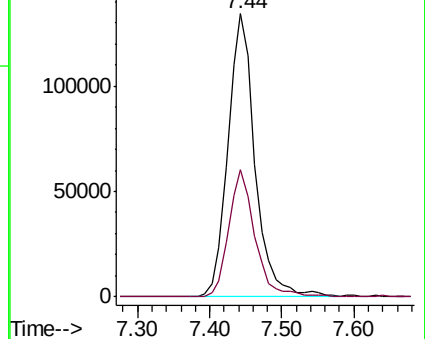
65 100

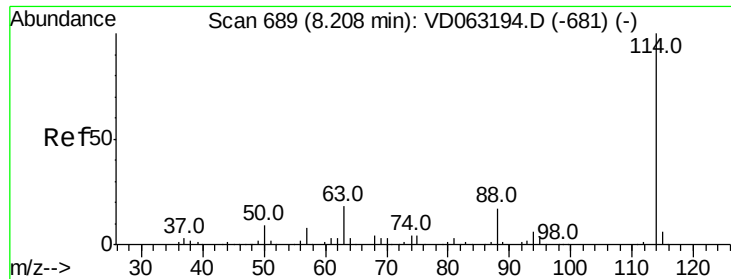
67 45.0 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



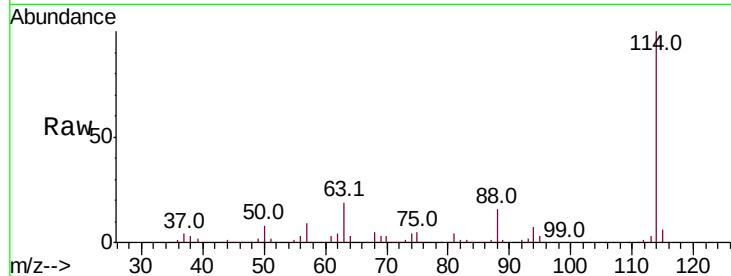


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063279.D
 Acq: 31 Jul 2019 15:21

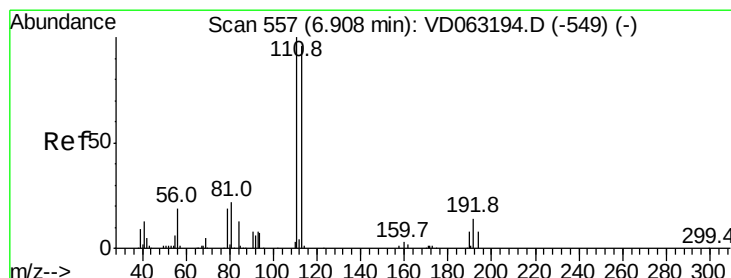
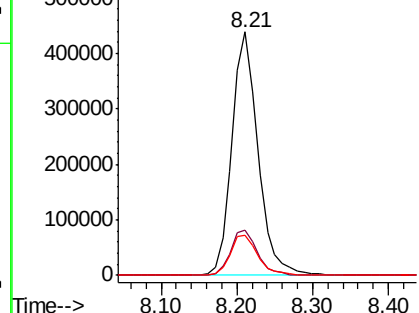
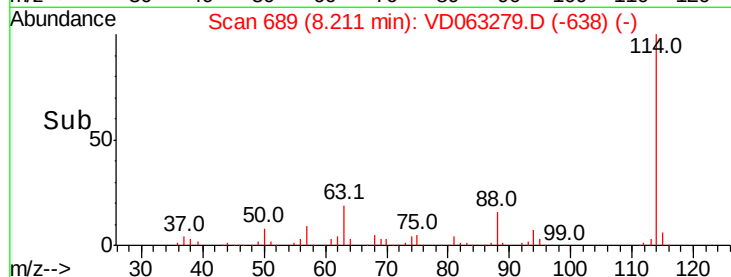
Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

Tot Ion:114 Resp: 1043089

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.2
88	16.5	0.0	34.6



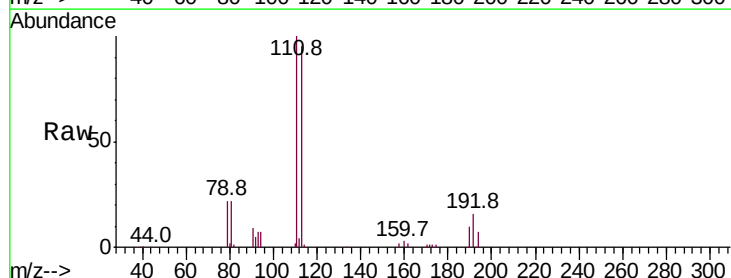
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V



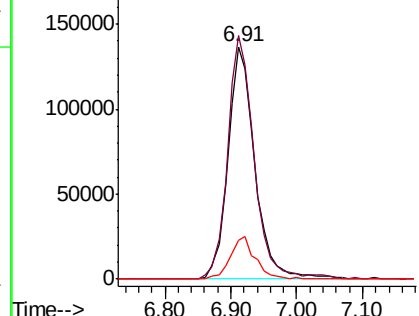
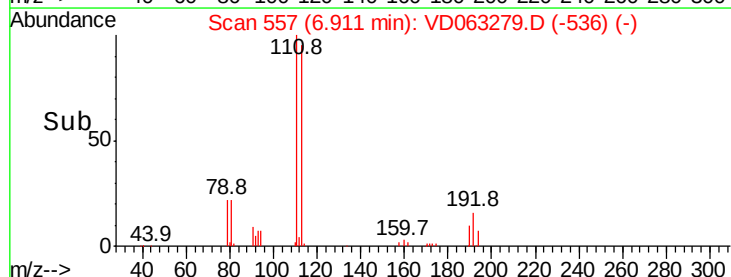
#35
 Dibromofluoromethane
 Concen: 43.728 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD063279.D
 Acq: 31 Jul 2019 15:21

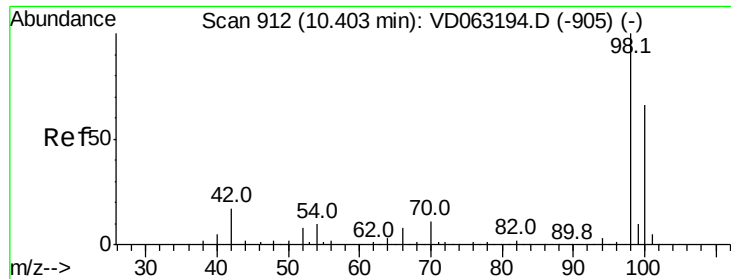
Tgt Ion:113 Resp: 389435

Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.2	124.8
192	16.9	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: 40.088 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063279.D

Acq: 31 Jul 2019 15:21

Instrument :

MSVOA_D

ClientSampleId :

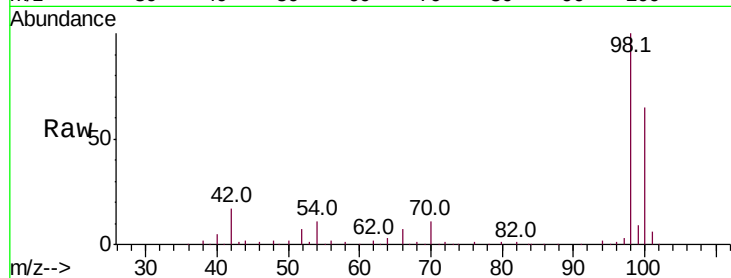
T-1A

Tot Ion: 98 Resp: 798993

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

400000

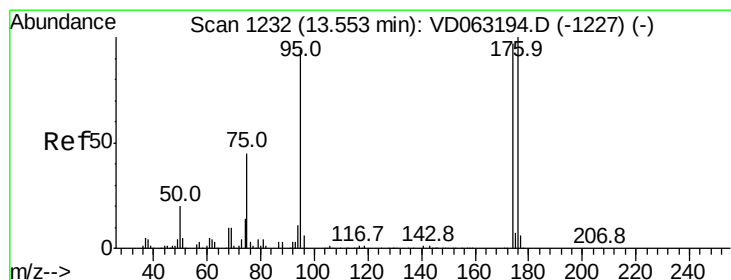
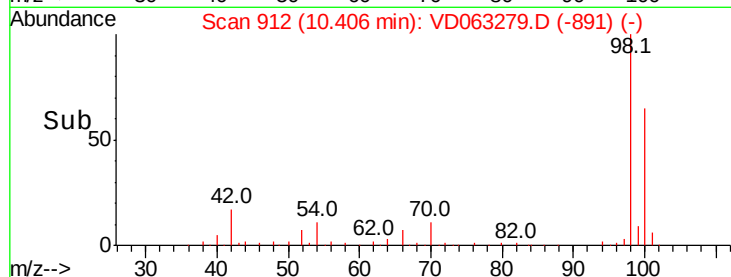
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 35.482 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063279.D

Acq: 31 Jul 2019 15:21

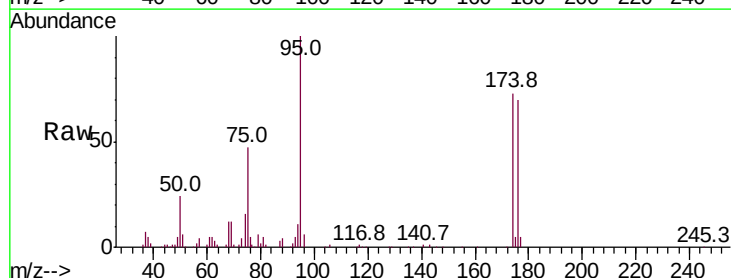
Tgt Ion: 95 Resp: 322262

Ion Ratio Lower Upper

95 100

174 73.5 0.0 205.4

176 70.3 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

300000

250000

200000

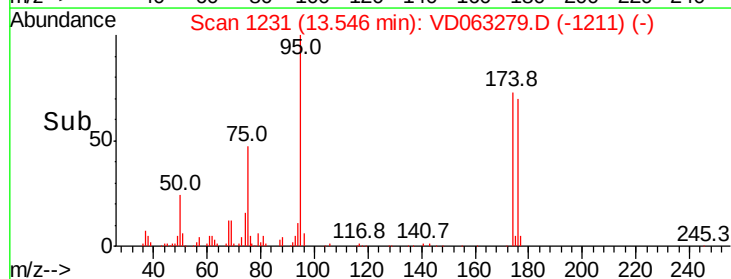
150000

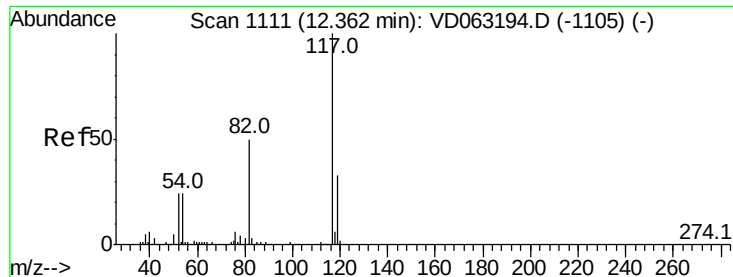
100000

50000

0

Time-->

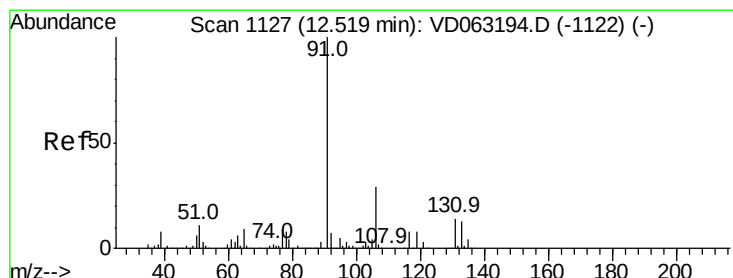
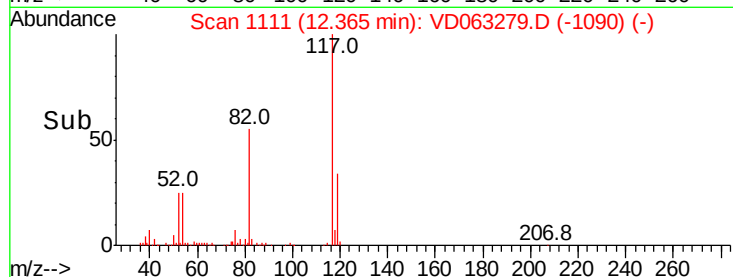
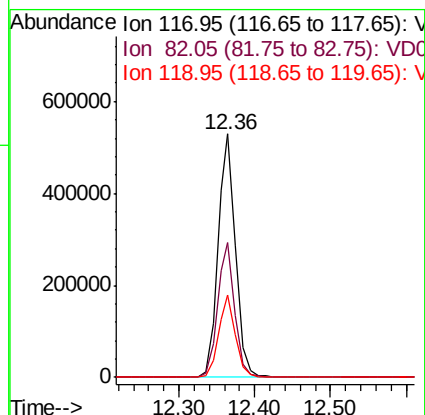
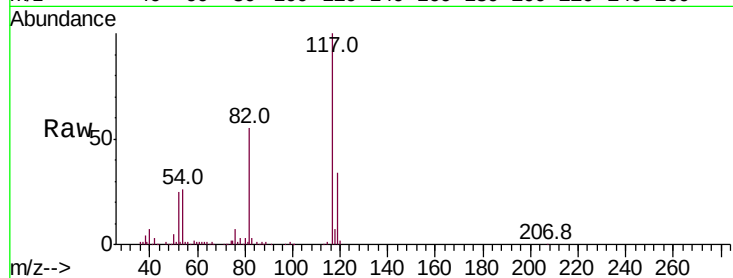




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063279.D
Acq: 31 Jul 2019 15:21

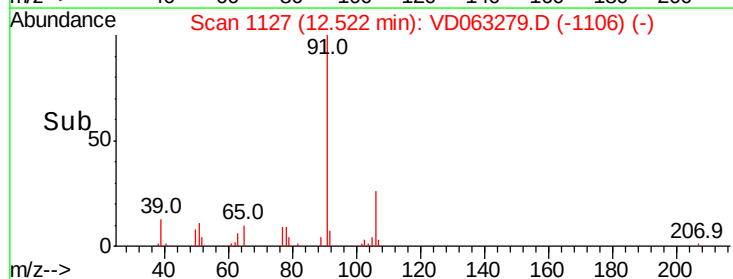
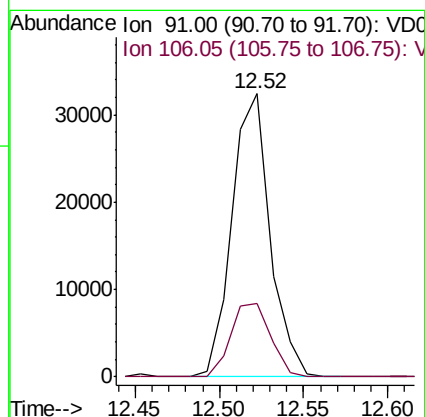
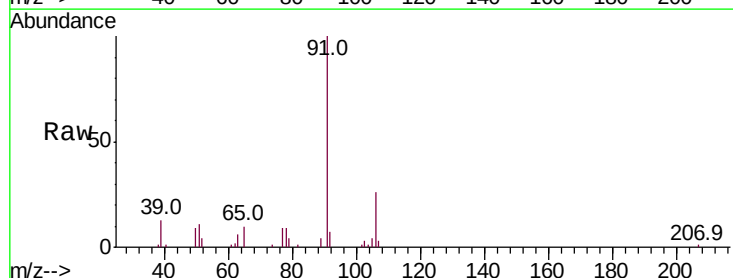
Instrument :
MSVOA_D
ClientSampleId :
T-1A

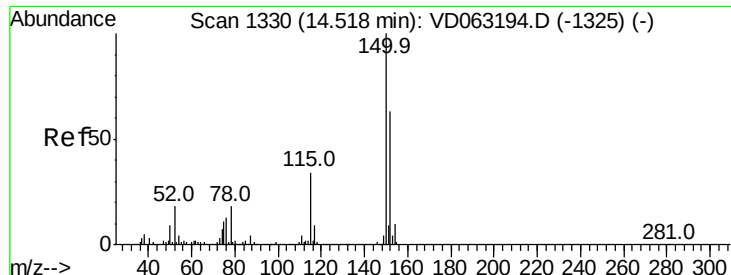
Tot Ion:117 Resp: 857386
Ion Ratio Lower Upper
117 100
82 55.2 40.1 60.1
119 33.8 26.5 39.7



#67
Ethyl Benzene
Concen: 1.813 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD063279.D
Acq: 31 Jul 2019 15:21

Tgt Ion: 91 Resp: 50793
Ion Ratio Lower Upper
91 100
106 25.9 22.9 34.3

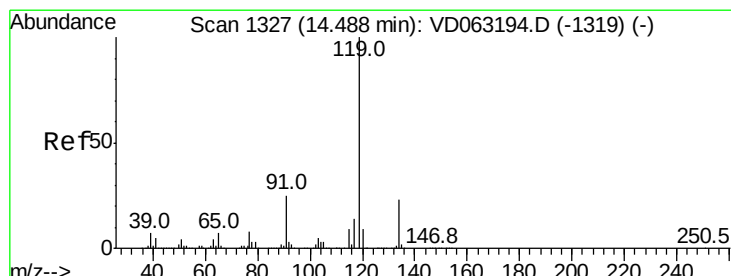
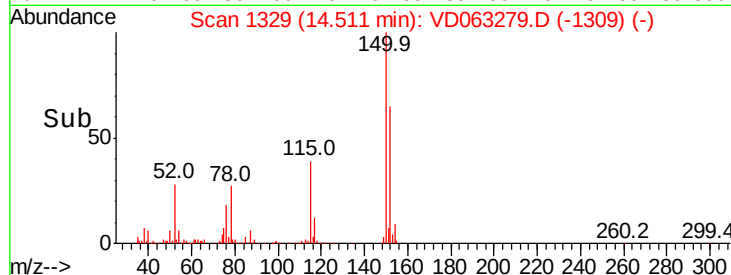
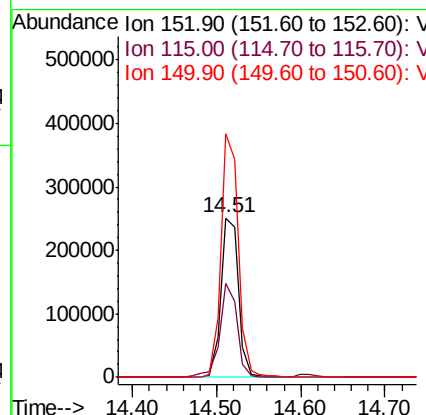
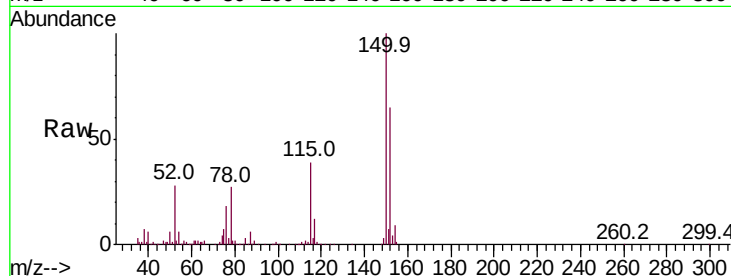




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD063279.D
 Acq: 31 Jul 2019 15:21

Instrument :
 MSVOA_D
 ClientSampleId :
 T-1A

Tot Ion:152 Resp: 362075
 Ion Ratio Lower Upper
 152 100
 115 59.1 27.5 82.4
 150 152.8 0.0 320.6



#86
 p-Isopropyltoluene
 Concen: 5.058 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: VD063279.D
 Acq: 31 Jul 2019 15:21

Tgt Ion:119 Resp: 113828
 Ion Ratio Lower Upper
 119 100
 134 16.7 11.5 34.5
 91 26.6 12.6 37.6

