

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064014.D
 Acq On : 18 Oct 2019 17:23
 Operator : VA/SY
 Sample : K5150-01
 Misc : 5.58G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-101819

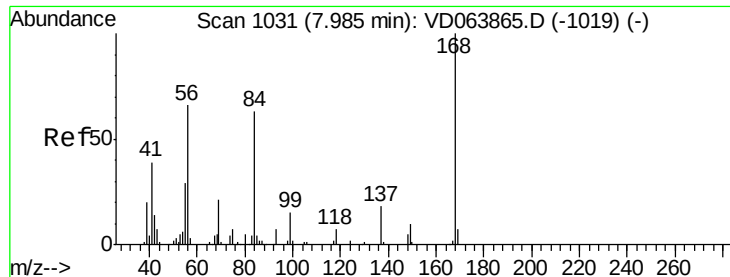
Quant Time: Oct 19 03:02:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	146901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	284729	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	303778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	137115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	88378	61.79	ug/l	0.00
Spiked Amount			Recovery	=	123.58%	
35) Dibromofluoromethane	7.92	113	88491	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.34	98	404742	57.31	ug/l	0.00
Spiked Amount			Recovery	=	114.62%	
62) 4-Bromofluorobenzene	12.64	95	117591	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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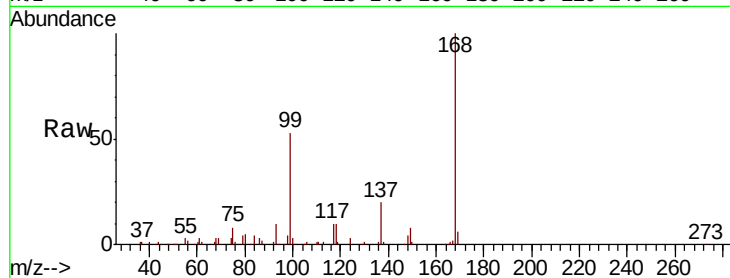
PL-01-101819

Tot Ion:168 Resp: 146901

Ion Ratio Lower Upper

168 100

99 52.9 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

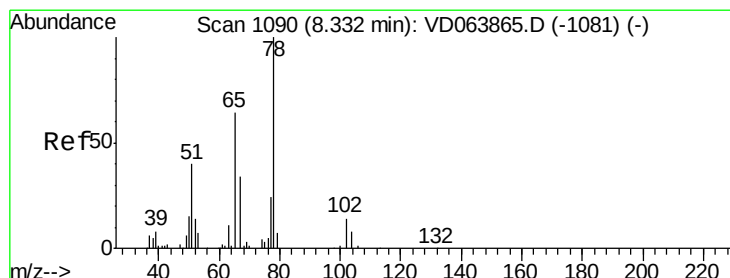
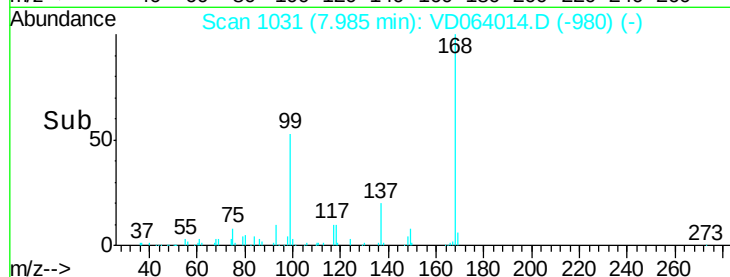
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.794 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064014.D

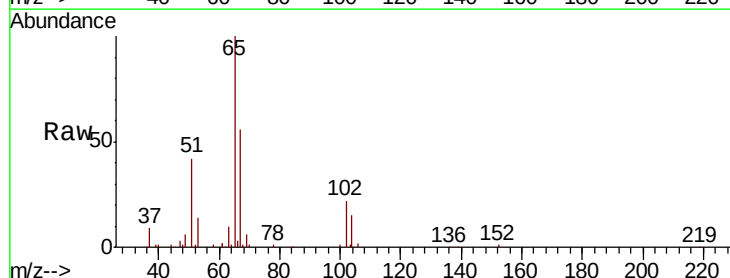
Acq: 18 Oct 2019 17:23

Tgt Ion: 65 Resp: 88378

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

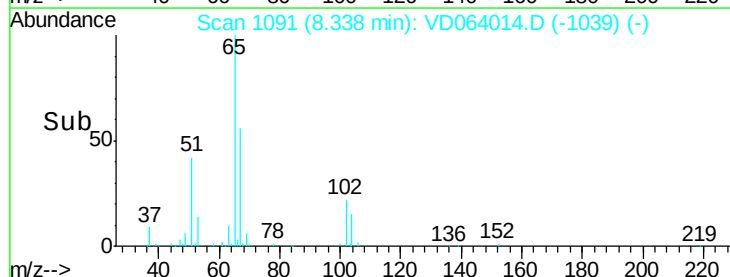
20000

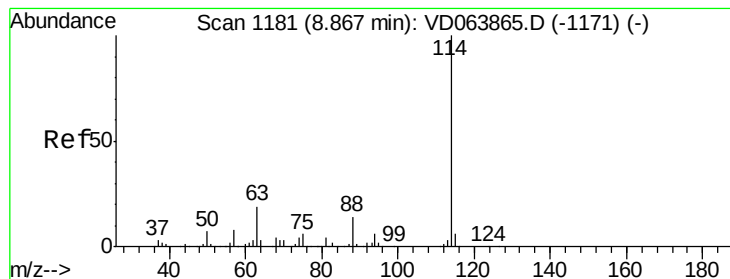
10000

0

8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064014.D

Acq: 18 Oct 2019 17:23

Instrument :

MSVOA_D

ClientSampleId :

PL-01-101819

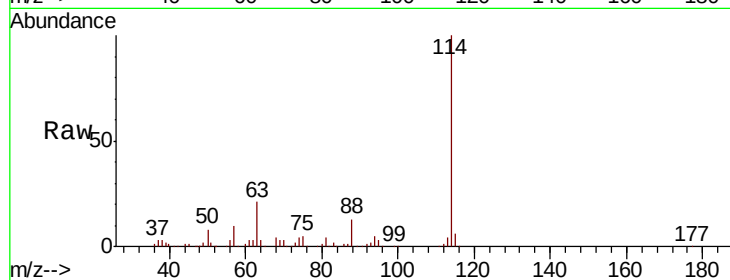
Tot Ion:114 Resp: 284729

Ion Ratio Lower Upper

114 100

63 21.5 0.0 38.4

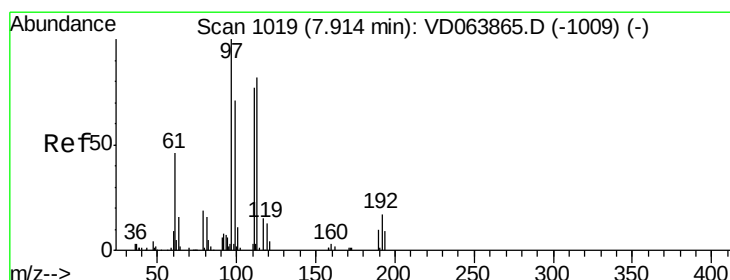
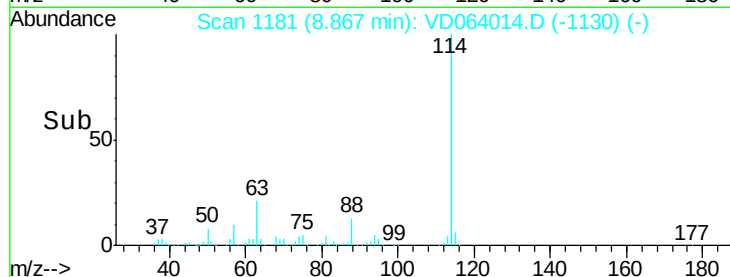
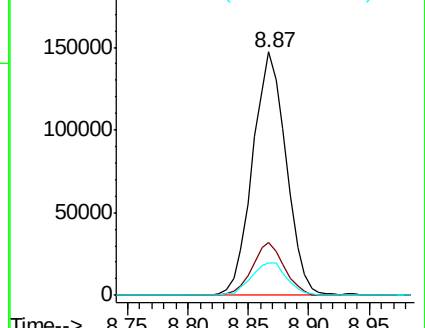
88 13.2 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.855 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD064014.D

Acq: 18 Oct 2019 17:23

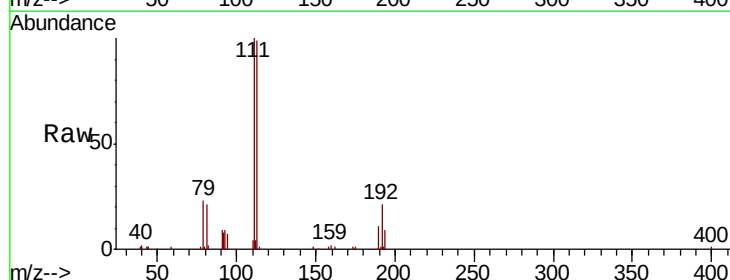
Tgt Ion:113 Resp: 88491

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

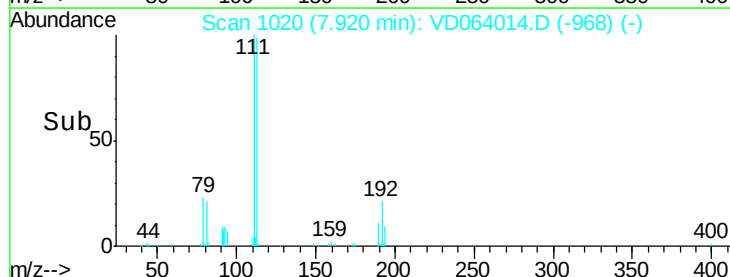
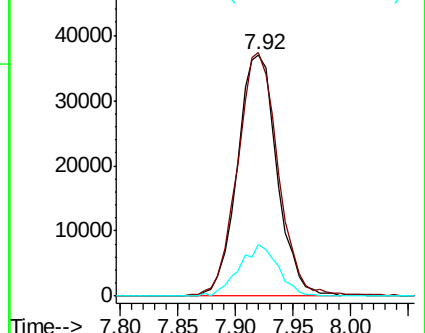
192 20.9 17.1 25.7

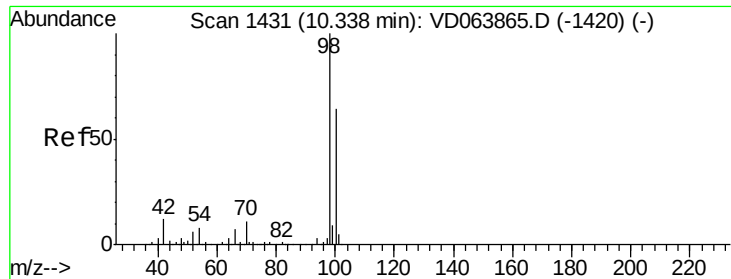


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

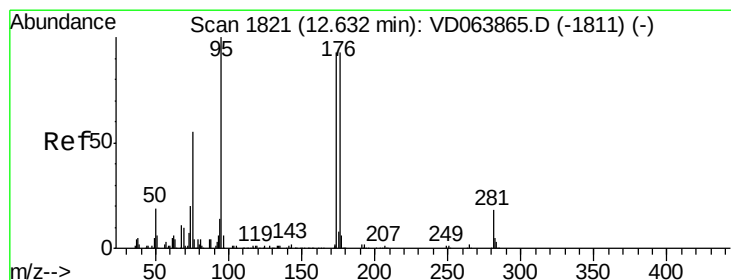
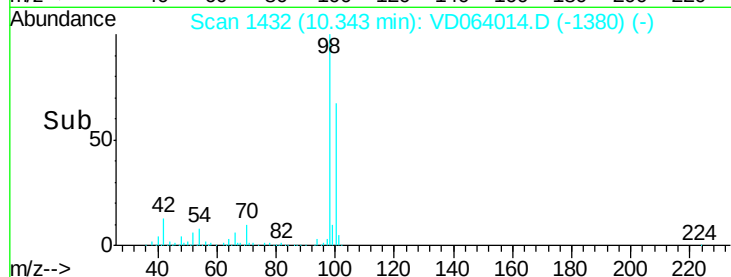
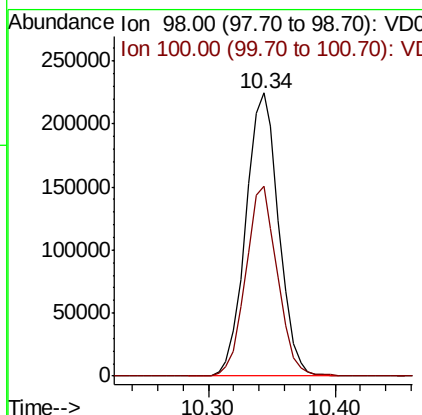
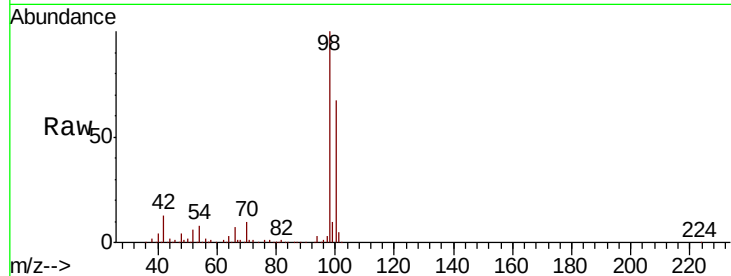




#50
Toluene-d8
Concen: 57.307 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064014.D
Acq: 18 Oct 2019 17:23

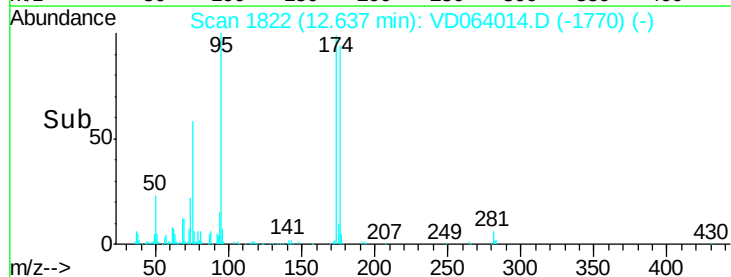
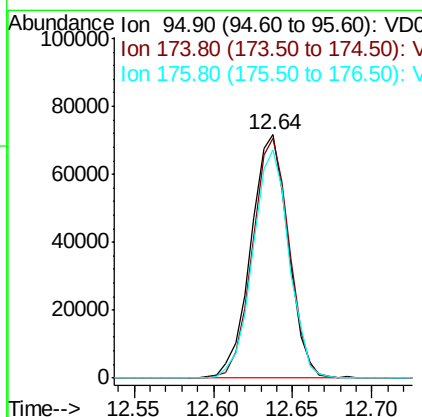
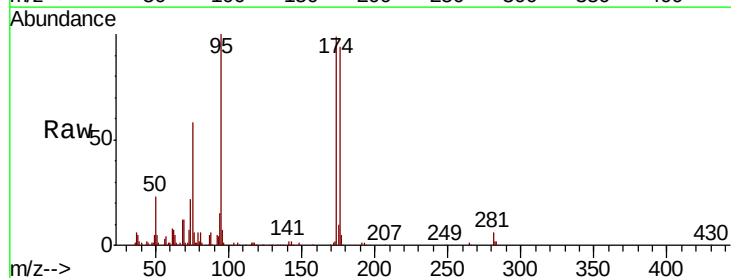
Instrument :
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PL-01-101819

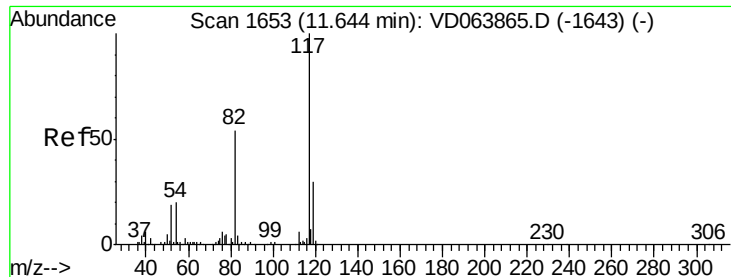
Tot Ion: 98 Resp: 404742
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.913 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD064014.D
Acq: 18 Oct 2019 17:23

Tgt Ion: 95 Resp: 117591
Ion Ratio Lower Upper
95 100
174 96.4 0.0 186.4
176 91.4 0.0 184.2

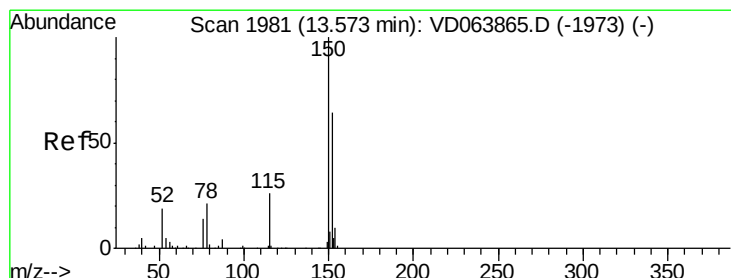
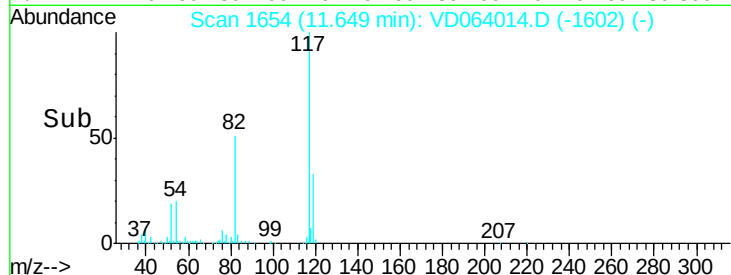
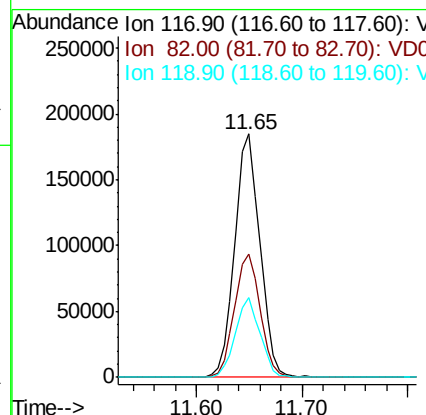
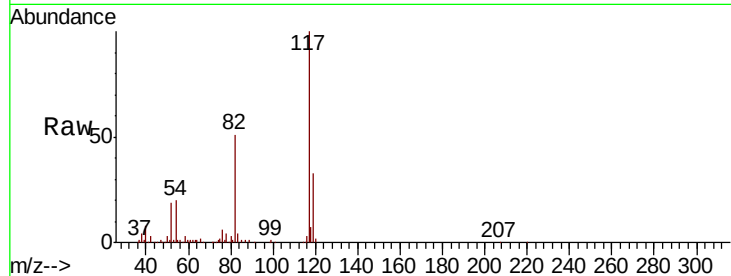




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064014.D
Acq: 18 Oct 2019 17:23

Instrument :
MSVOA_D
ClientSampleId :
PL-01-101819

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.8	64.2
119	33.0	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: VD064014.D
Acq: 18 Oct 2019 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	25.9	77.7
150	158.0	0.0	344.2

