

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063610.D
 Acq On : 15 Aug 2019 17:21
 Operator : JC/SY
 Sample : K4356-01
 Misc : 4.50µl/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Aug 16 01:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

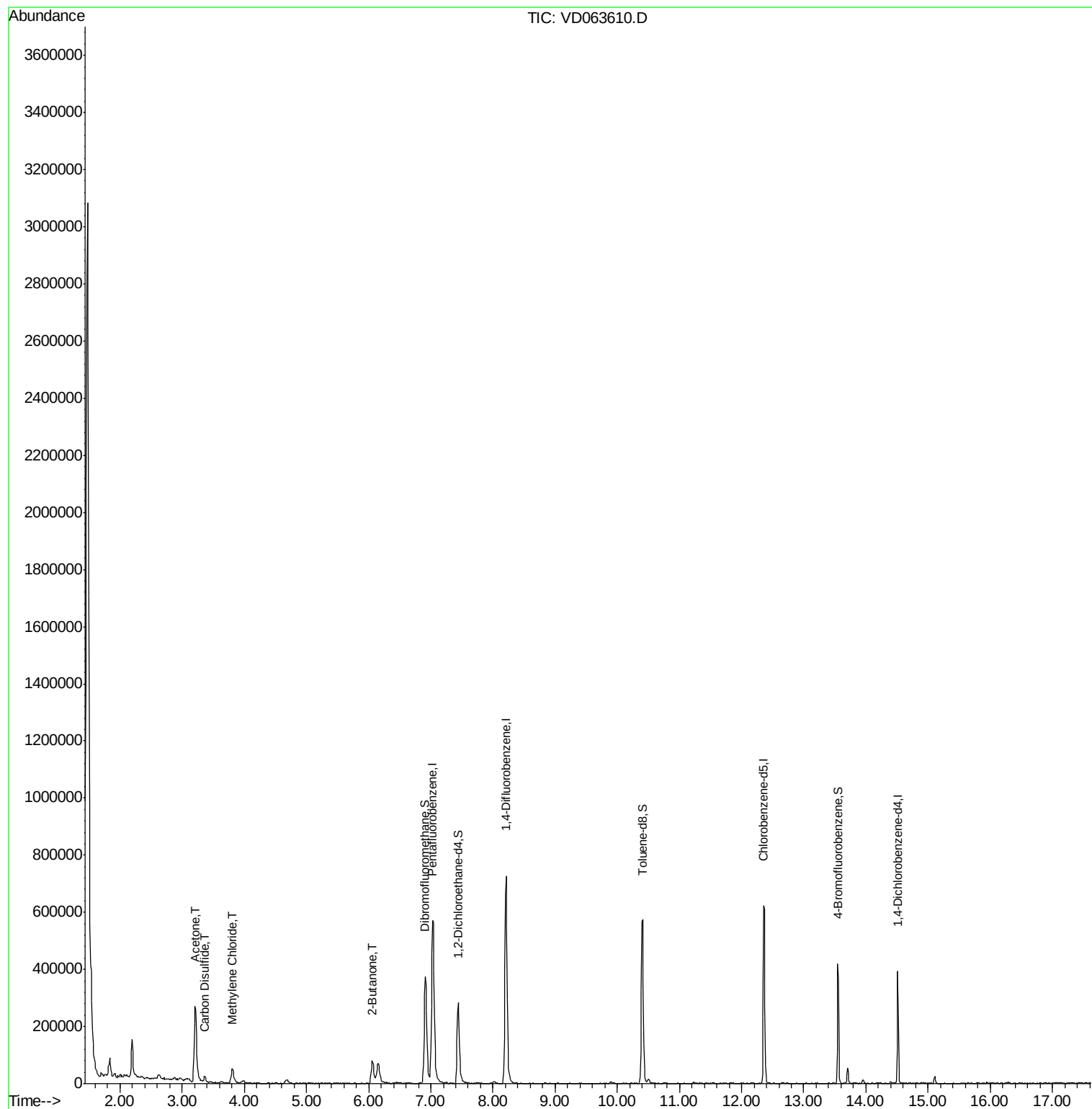
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	583155	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	788510	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	364611	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	81908	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	321127	51.52	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	103.04%	
35) Dibromofluoromethane	6.91	113	335964	50.59	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.41	98	477148	32.68	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	65.36%	
62) 4-Bromofluorobenzene	13.55	95	119648	18.08	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	36.16%	
Target Compounds						
16) Acetone	3.21	43	526334	415.370	ug/l	94
17) Carbon Disulfide	3.37	76	35910	2.415	ug/l	95
20) Methylene Chloride	3.81	84	31687	5.783	ug/l #	82
25) 2-Butanone	6.05	43	163642	130.759	ug/l	95

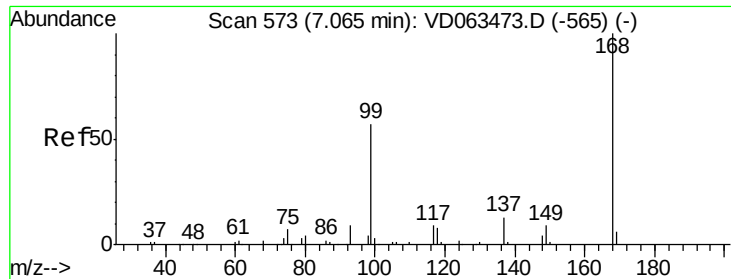
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063610.D

Acq: 15 Aug 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

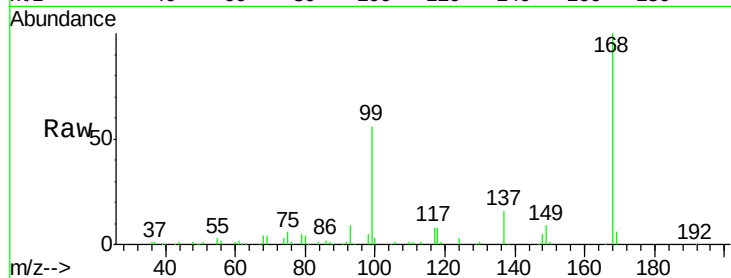
TP-1

Tot Ion:168 Resp: 583155

Ion Ratio Lower Upper

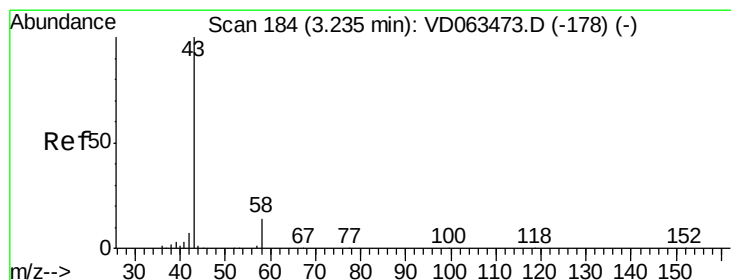
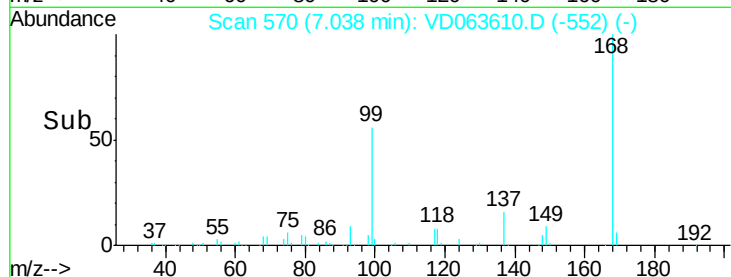
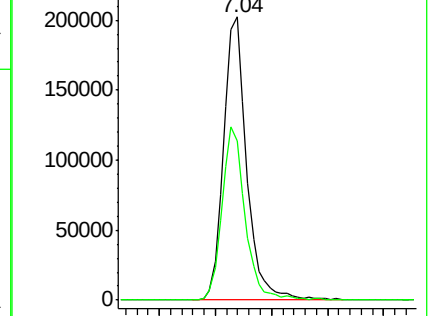
168 100

99 56.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 415.370 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063610.D

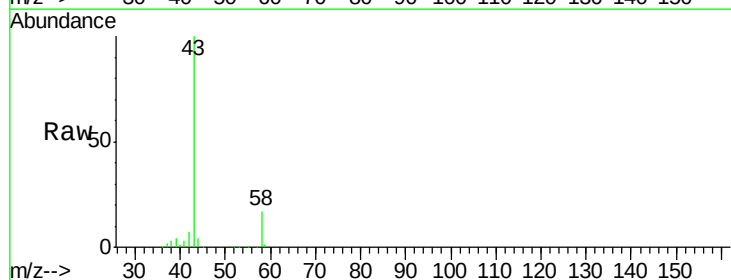
Acq: 15 Aug 2019 17:21

Tgt Ion: 43 Resp: 526334

Ion Ratio Lower Upper

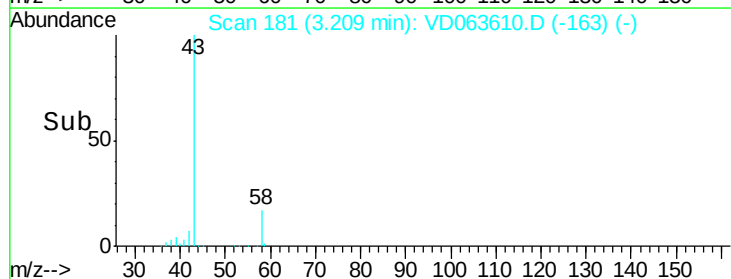
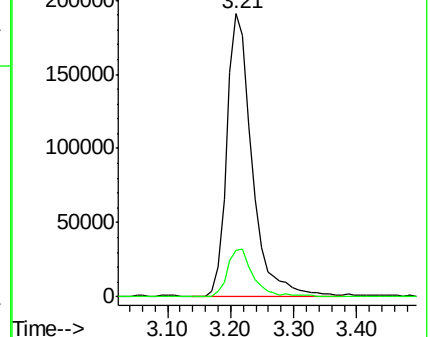
43 100

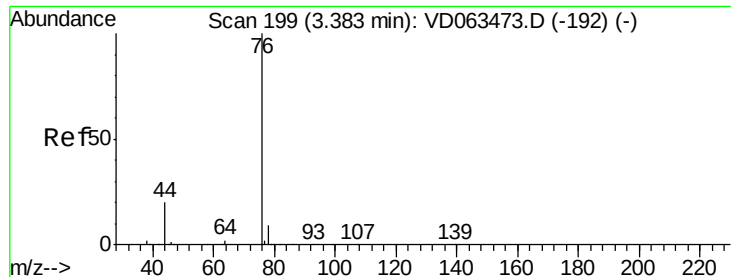
58 16.7 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 2.415 ug/l

RT: 3.37 min Scan# 197

Delta R.T. -0.02 min

Lab File: VD063610.D

Acq: 15 Aug 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

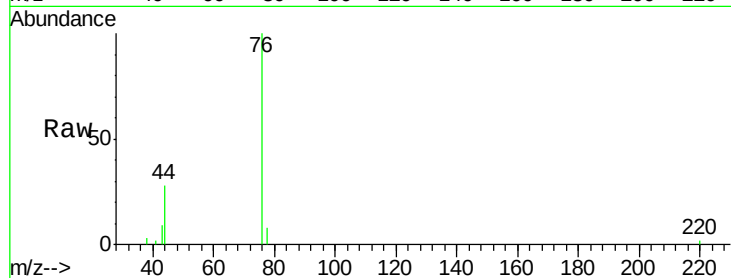
TP-1

Tot Ion: 76 Resp: 35910

Ion Ratio Lower Upper

76 100

78 7.5 7.4 11.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.37

15000

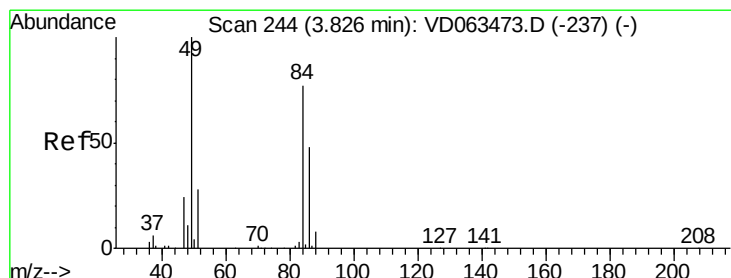
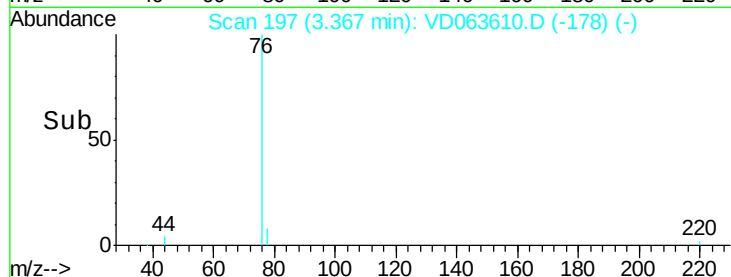
10000

5000

0

Time-->

3.30 3.35 3.40 3.45



#20

Methylene Chloride

Concen: 5.783 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063610.D

Acq: 15 Aug 2019 17:21

Tgt Ion: 84 Resp: 31687

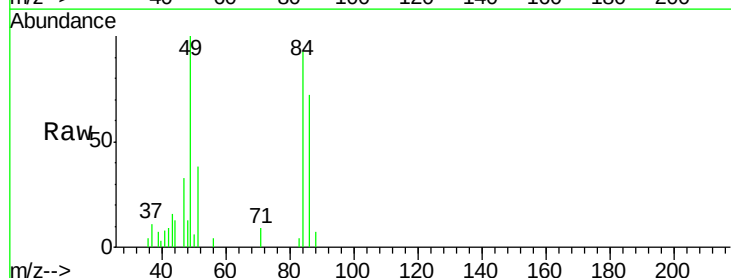
Ion Ratio Lower Upper

84 100

49 107.9 103.4 155.2

51 41.3 28.5 42.7

86 77.5 49.4 74.2#



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

25000

20000

15000

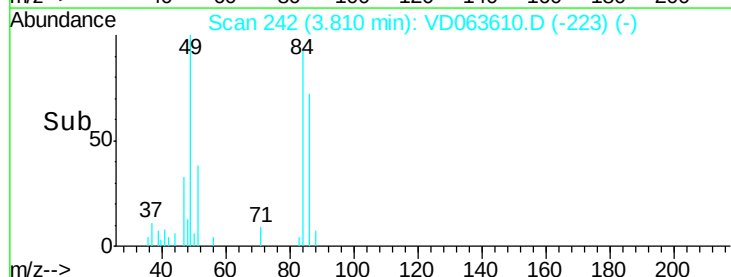
10000

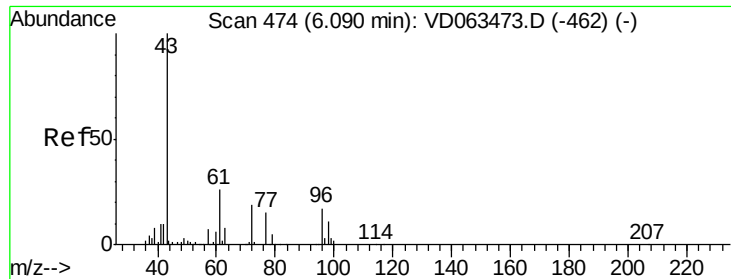
5000

0

Time-->

3.70 3.80 3.90





#25

2-Butanone

Concen: 130.759 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.04 min

Lab File: VD063610.D

Acq: 15 Aug 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

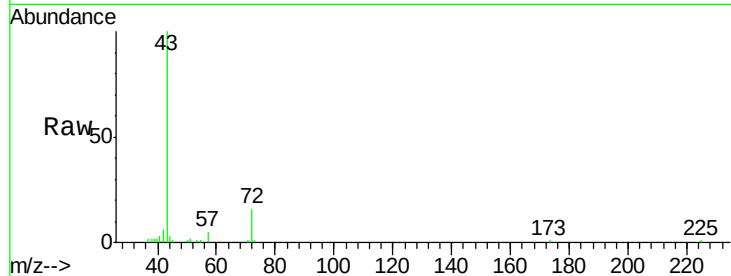
TP-1

Tot Ion: 43 Resp: 163642

Ion Ratio Lower Upper

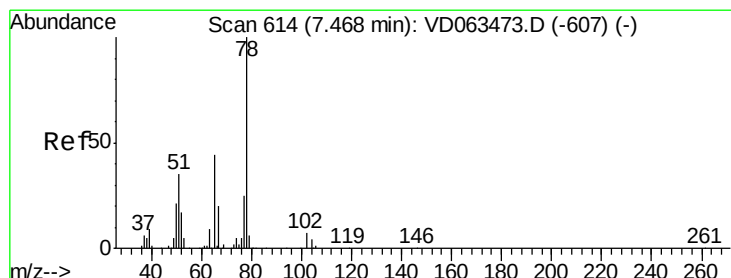
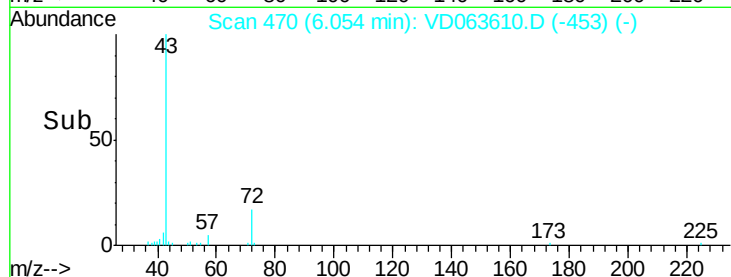
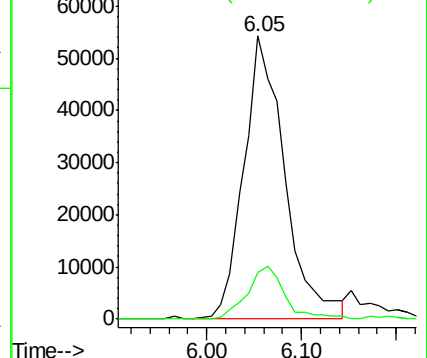
43 100

72 16.5 15.1 22.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 51.517 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063610.D

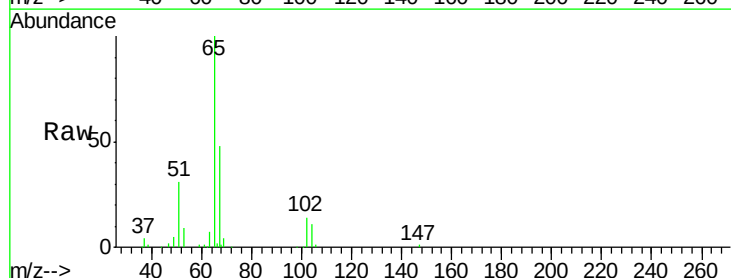
Acq: 15 Aug 2019 17:21

Tgt Ion: 65 Resp: 321127

Ion Ratio Lower Upper

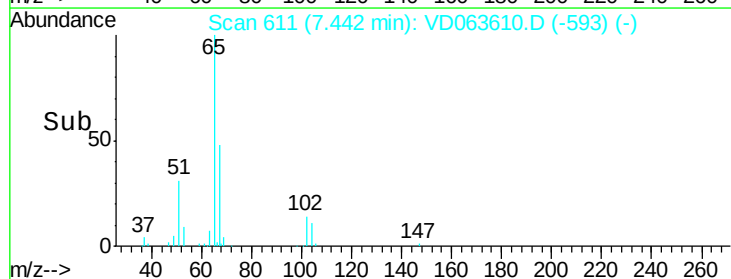
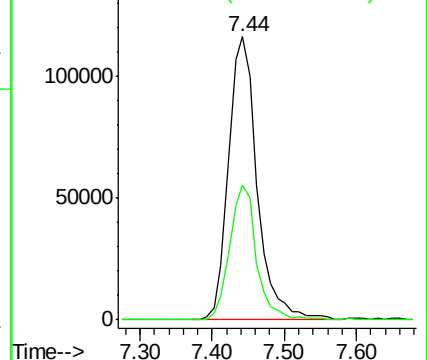
65 100

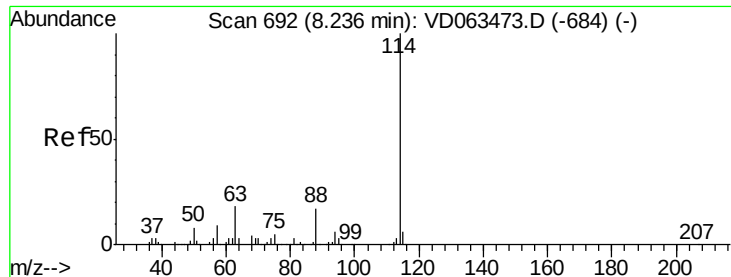
67 47.9 0.0 89.2



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. -0.03 min

Lab File: VD063610.D

Acq: 15 Aug 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

TP-1

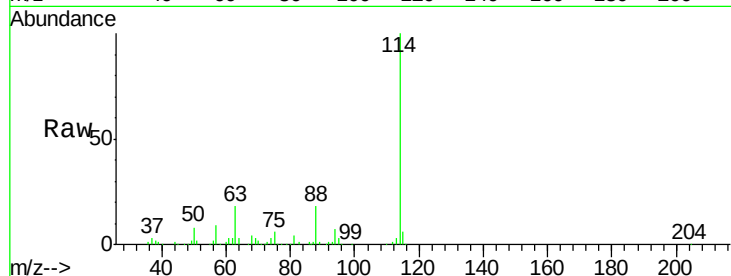
Tot Ion:114 Resp: 788510

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.2

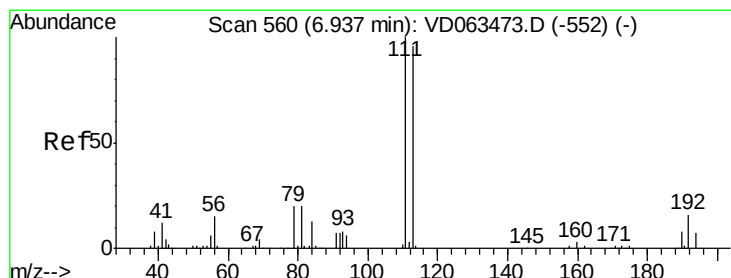
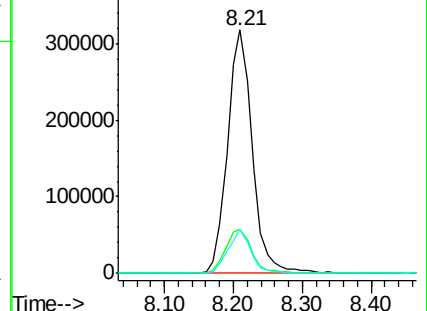
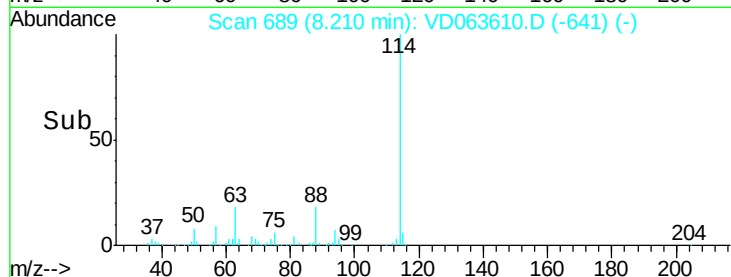
88 18.1 0.0 35.0



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: 50.590 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063610.D

Acq: 15 Aug 2019 17:21

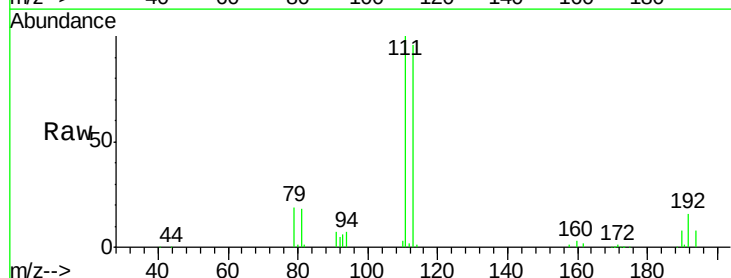
Tgt Ion:113 Resp: 335964

Ion Ratio Lower Upper

113 100

111 104.6 83.1 124.7

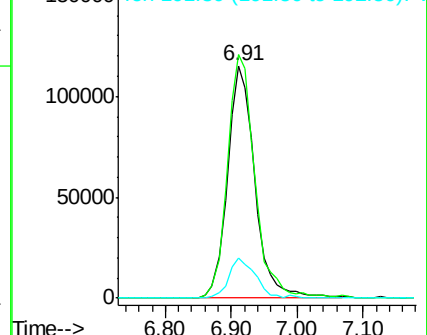
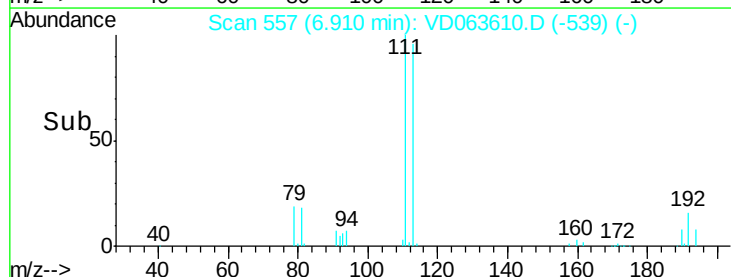
192 17.2 13.1 19.7

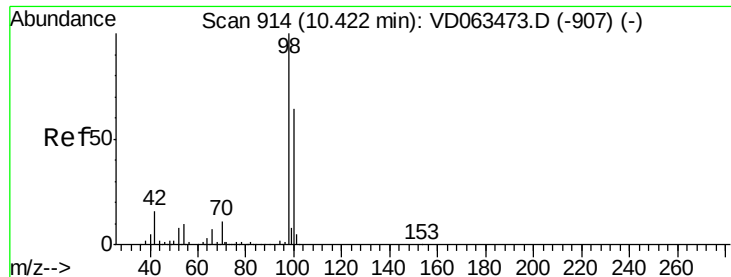


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

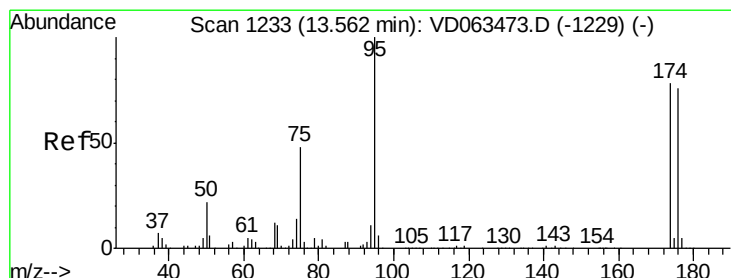
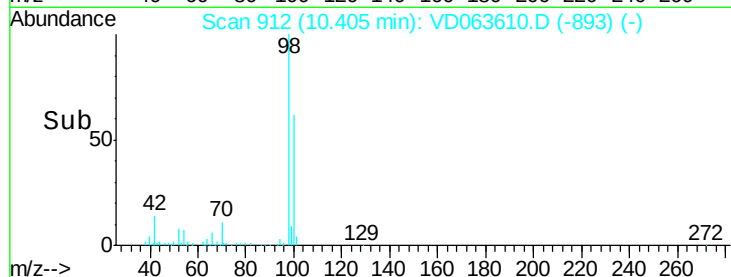
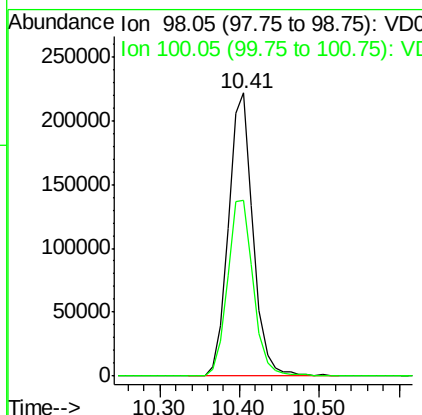
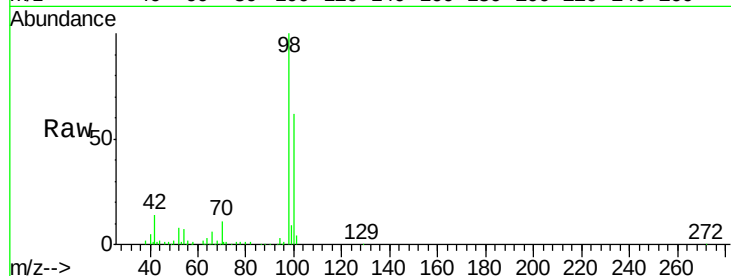




#50
Toluene-d8
Concen: 32.681 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063610.D
Acq: 15 Aug 2019 17:21

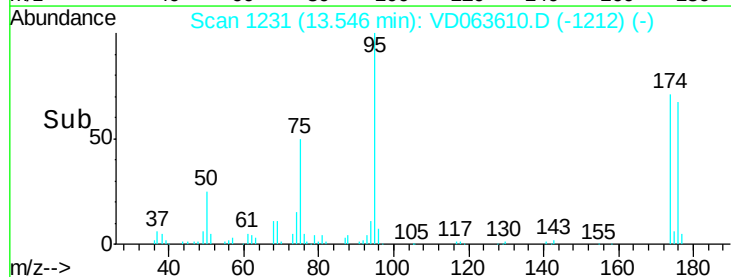
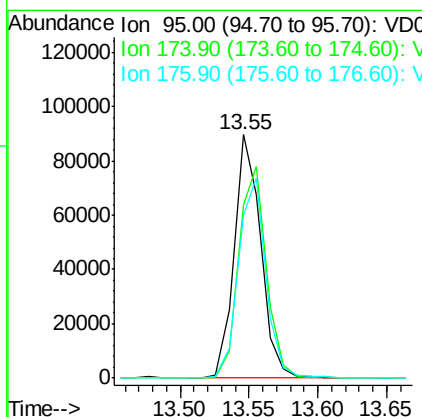
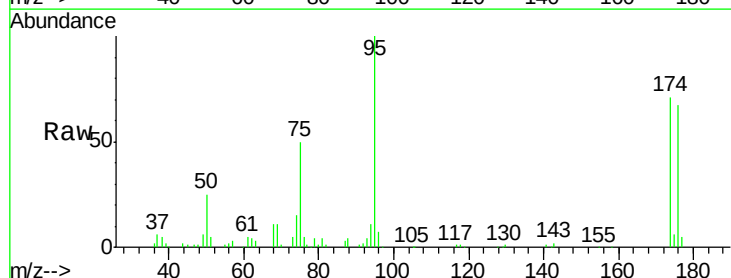
Instrument :
MSVOA_D
ClientSampleId :
TP-1

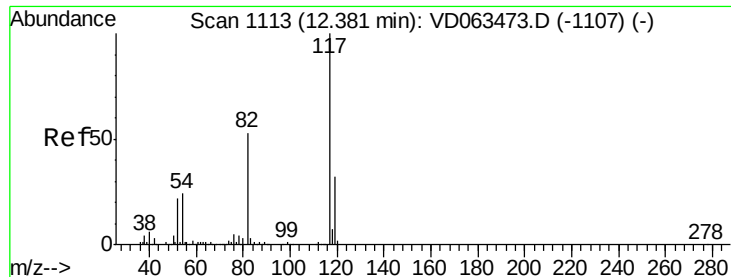
Tot Ion: 98 Resp: 477148
Ion Ratio Lower Upper
98 100
100 62.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 18.081 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD063610.D
Acq: 15 Aug 2019 17:21

Tgt Ion: 95 Resp: 119648
Ion Ratio Lower Upper
95 100
174 71.1 0.0 155.4
176 66.8 0.0 152.4

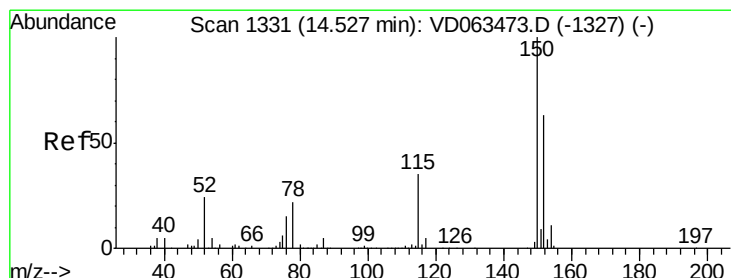
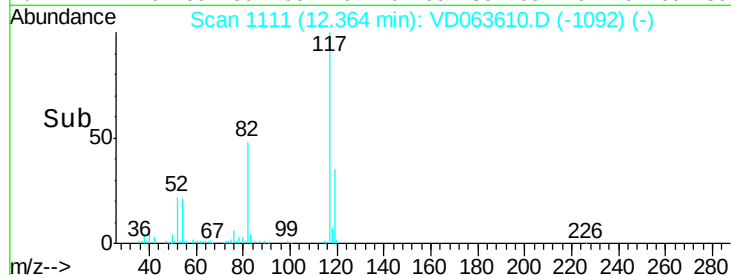
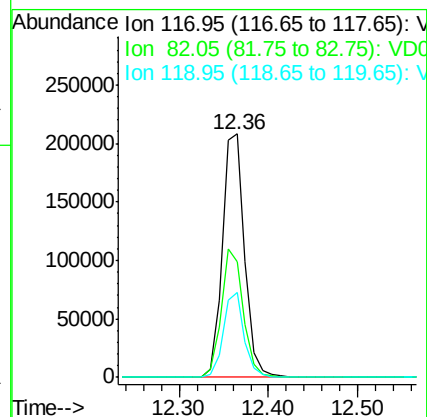
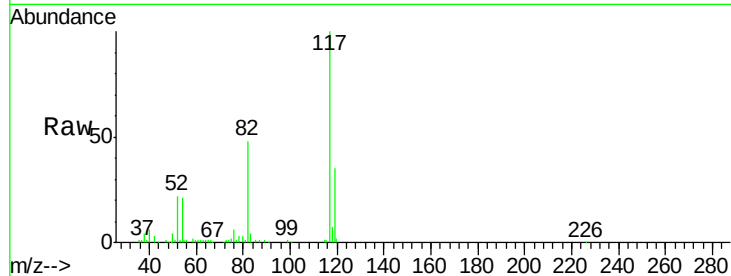




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063610.D
Acq: 15 Aug 2019 17:21

Instrument :
MSVOA_D
ClientSampled :
TP-1

Tot Ion:117 Resp: 364611
Ion Ratio Lower Upper
117 100
82 47.7 42.0 63.0
119 34.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063610.D
Acq: 15 Aug 2019 17:21

Tgt Ion:152 Resp: 81908
Ion Ratio Lower Upper
152 100
115 53.7 30.9 92.7
150 156.3 0.0 318.6

