

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063611.D
 Acq On : 15 Aug 2019 17:49
 Operator : JC/SY
 Sample : K4356-03
 Misc : 3.26g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Aug 16 01:14:44 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

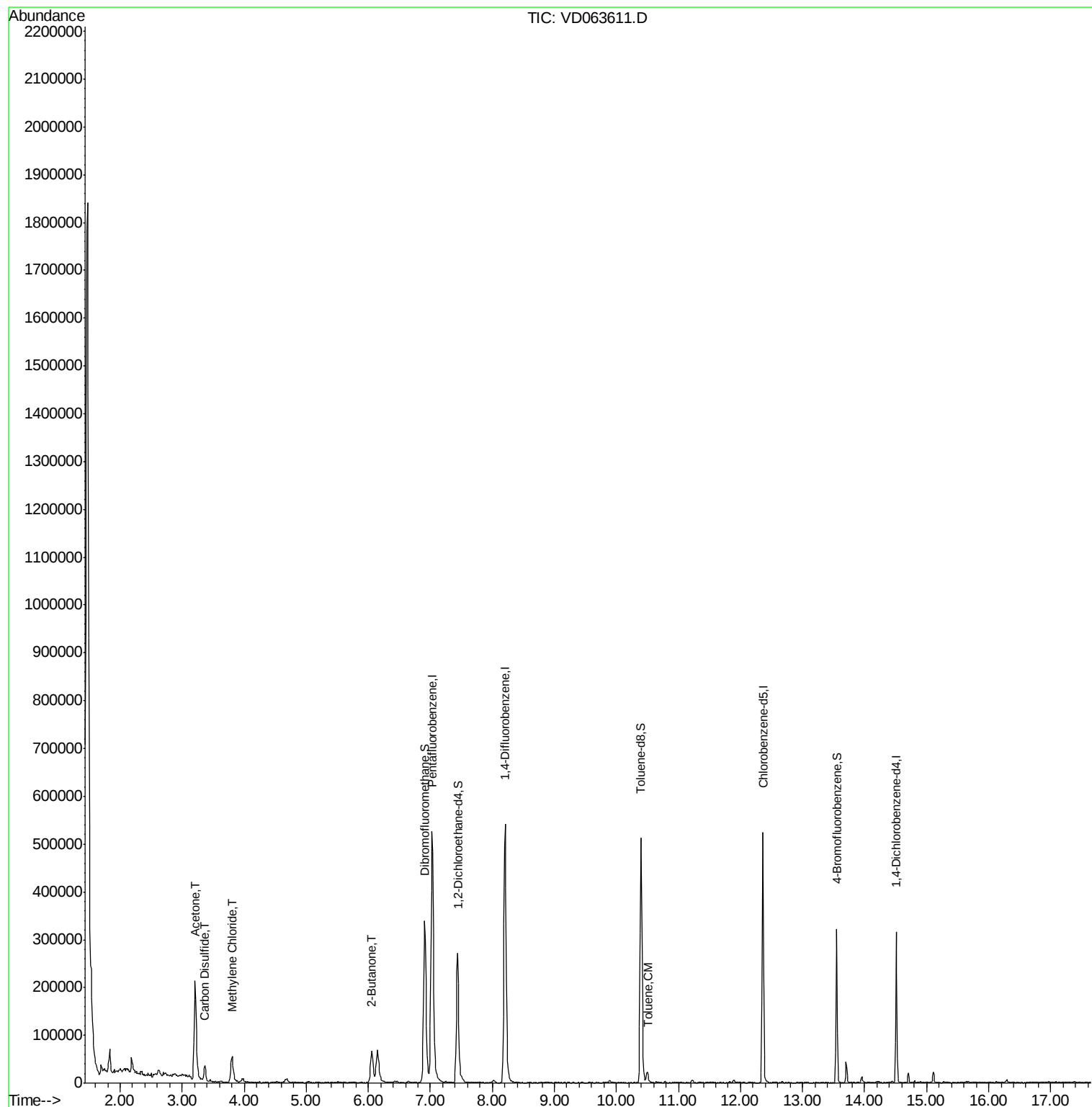
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	526075	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	614832	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	308817	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	66266	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	287011	51.04	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	6.91	113	303826	58.67	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	117.34%	
50) Toluene-d8	10.39	98	440571	38.70	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.40%	
62) 4-Bromofluorobenzene	13.55	95	93011	18.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.06%	
Target Compounds						
					Qvalue	
16) Acetone	3.21	43	396339	346.719	ug/l #	92
17) Carbon Disulfide	3.36	76	53825	4.012	ug/l #	94
20) Methylene Chloride	3.80	84	27175	5.498	ug/l	91
25) 2-Butanone	6.05	43	130398	115.501	ug/l	94
52) Toluene	10.50	92	10548	1.369	ug/l #	67

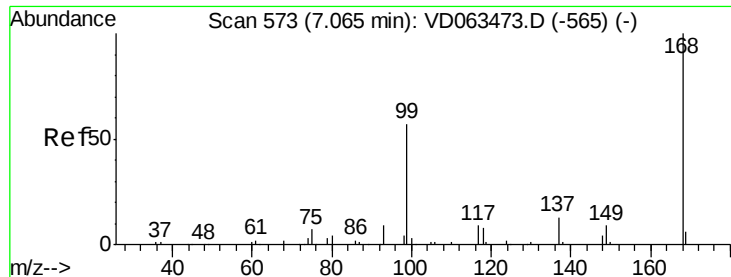
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081519\
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Quant Time: Aug 16 01:14:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
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: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063611.D

Acq: 15 Aug 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

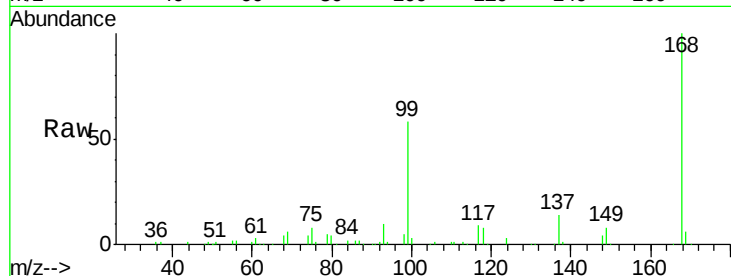
TP-2

Tot Ion:168 Resp: 526075

Ion Ratio Lower Upper

168 100

99 57.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

200000

150000

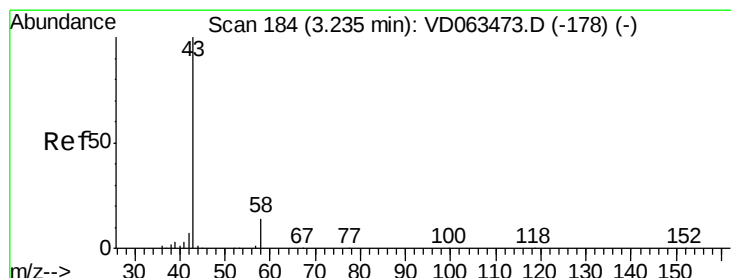
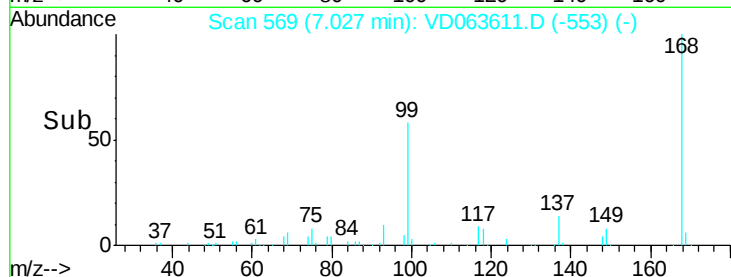
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 346.719 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063611.D

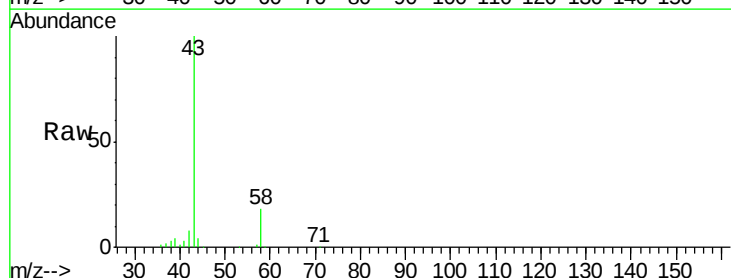
Acq: 15 Aug 2019 17:49

Tgt Ion: 43 Resp: 396339

Ion Ratio Lower Upper

43 100

58 17.7 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

150000

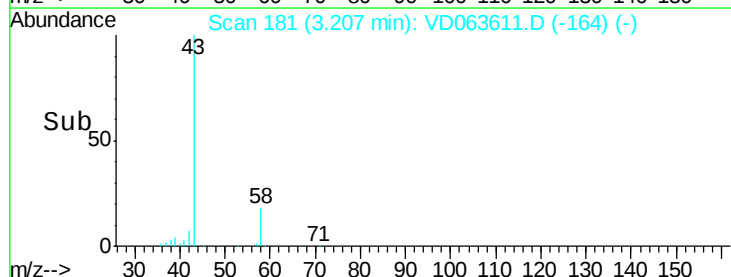
100000

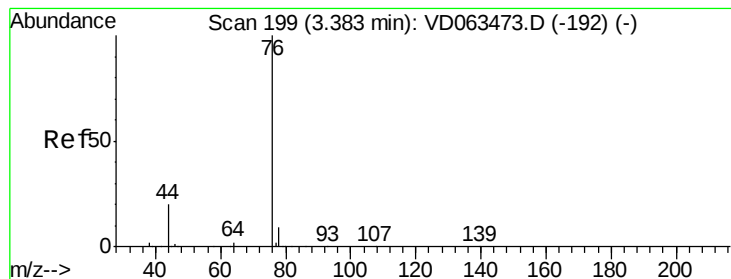
50000

0

3.10 3.20 3.30 3.40

Time-->





#17

Carbon Disulfide

Concen: 4.012 ug/l

RT: 3.36 min Scan# 197

Delta R.T. -0.02 min

Lab File: VD063611.D

Acq: 15 Aug 2019 17:49

Instrument :

MSVOA_D

ClientSampled :

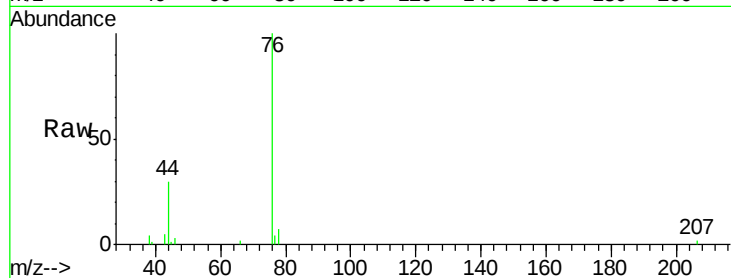
TP-2

Tot Ion: 76 Resp: 53825

Ion Ratio Lower Upper

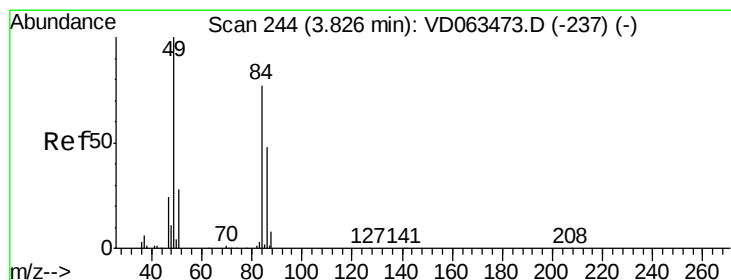
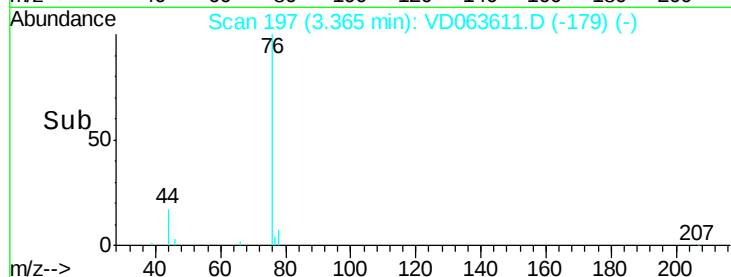
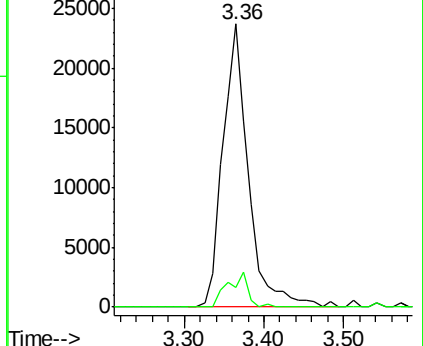
76 100

78 7.1 7.4 11.0#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 5.498 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.03 min

Lab File: VD063611.D

Acq: 15 Aug 2019 17:49

Tgt Ion: 84 Resp: 27175

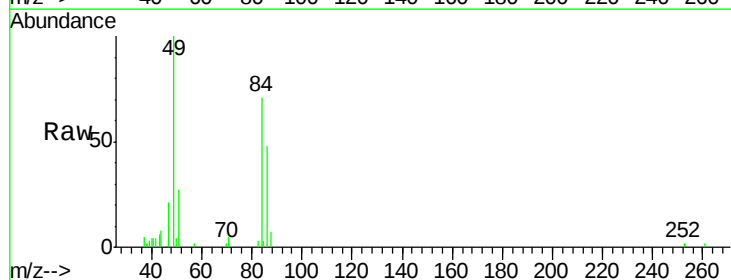
Ion Ratio Lower Upper

84 100

49 141.0 103.4 155.2

51 38.7 28.5 42.7

86 67.2 49.4 74.2

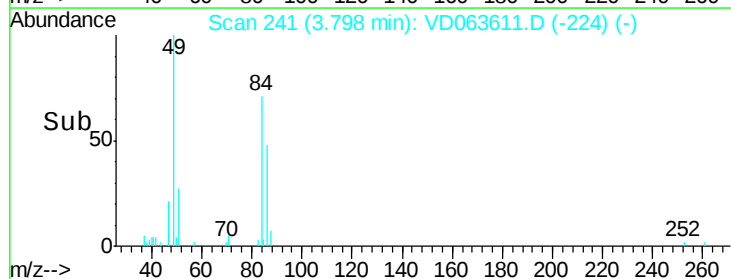
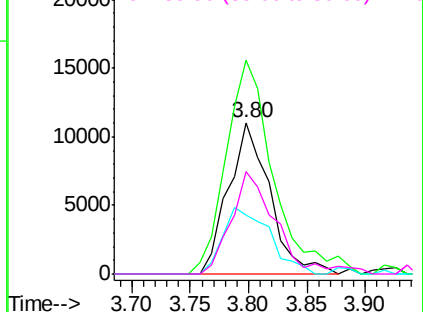


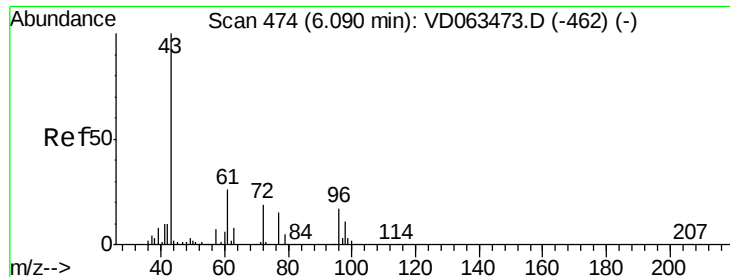
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 115.501 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.04 min

Lab File: VD063611.D

Acq: 15 Aug 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

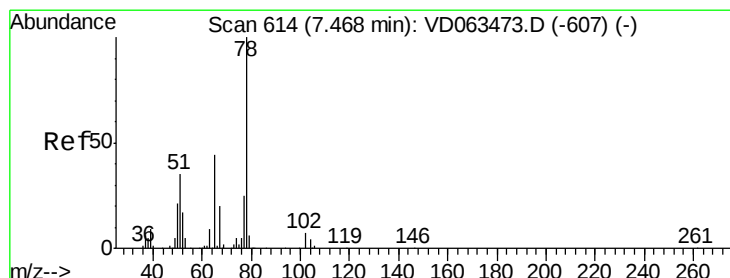
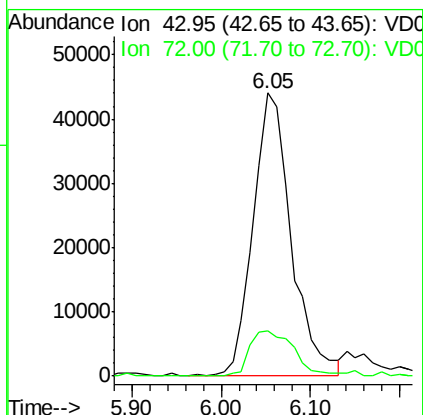
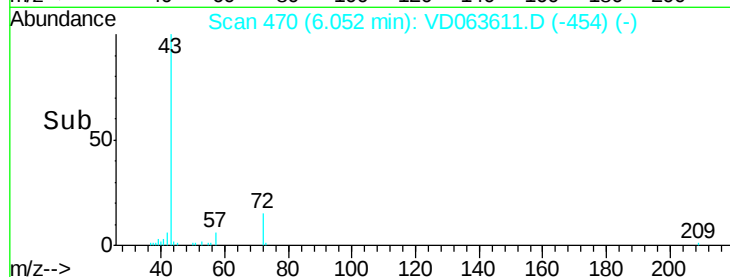
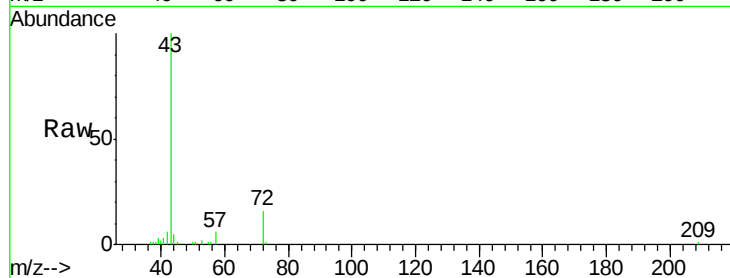
TP-2

Tot Ion: 43 Resp: 130398

Ion Ratio Lower Upper

43 100

72 16.1 15.1 22.7



#33

1,2-Dichloroethane-d4

Concen: 51.039 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063611.D

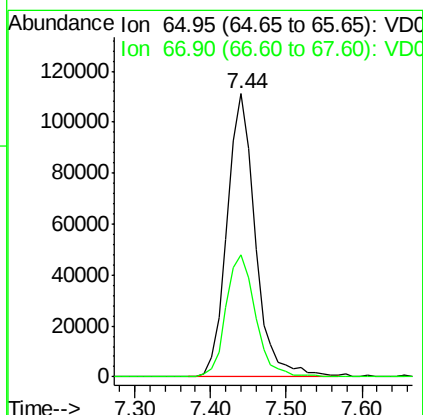
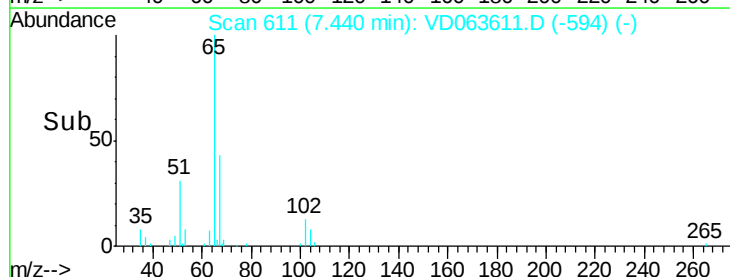
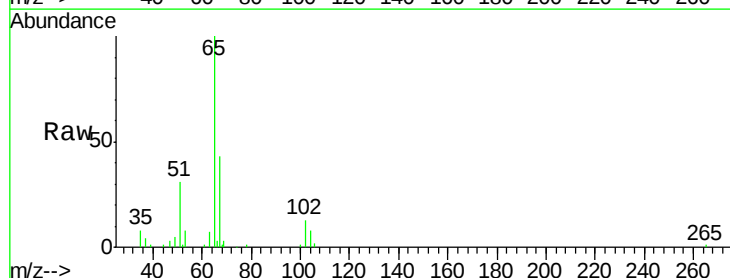
Acq: 15 Aug 2019 17:49

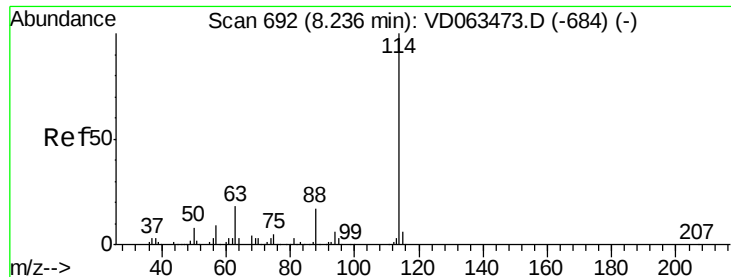
Tgt Ion: 65 Resp: 287011

Ion Ratio Lower Upper

65 100

67 43.0 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063611.D

Acq: 15 Aug 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

TP-2

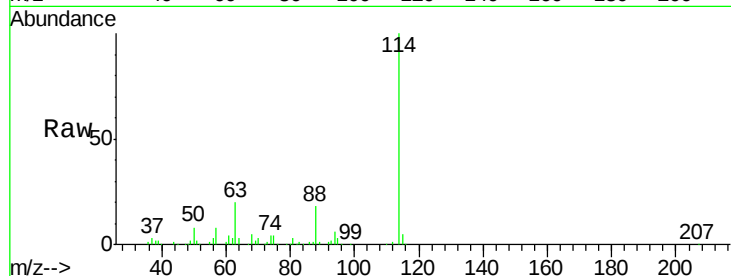
Tot Ion:114 Resp: 614832

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.2

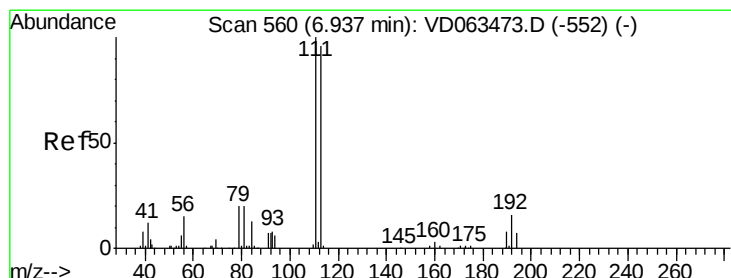
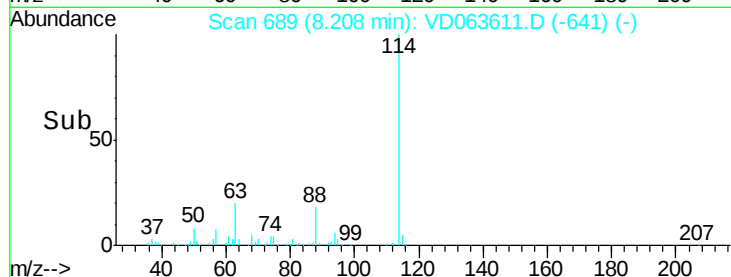
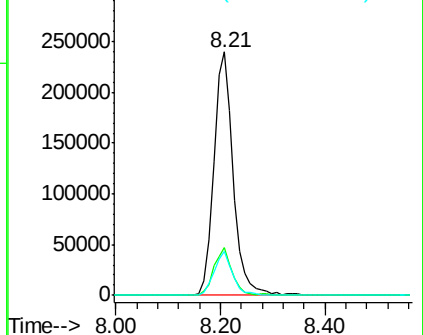
88 18.0 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 58.675 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063611.D

Acq: 15 Aug 2019 17:49

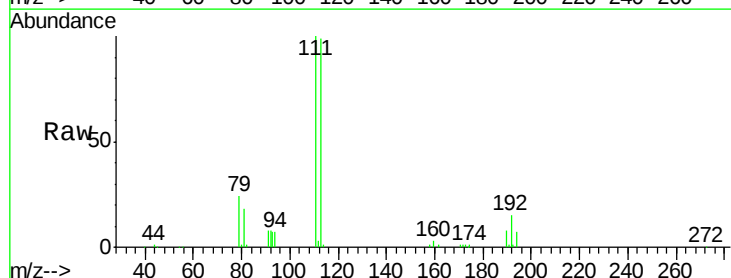
Tgt Ion:113 Resp: 303826

Ion Ratio Lower Upper

113 100

111 101.5 83.1 124.7

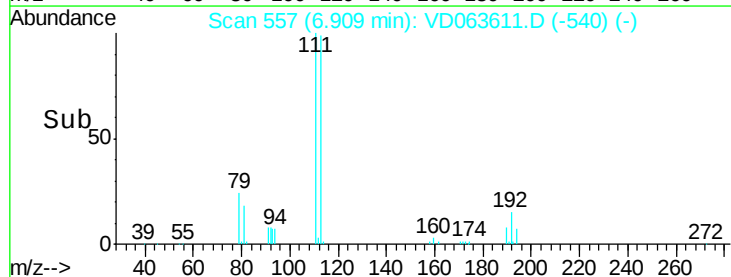
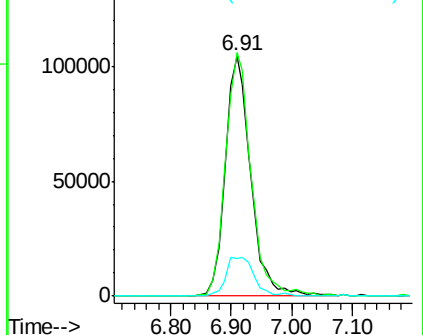
192 15.5 13.1 19.7

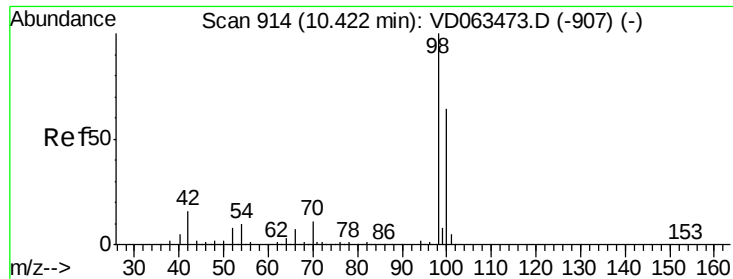


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

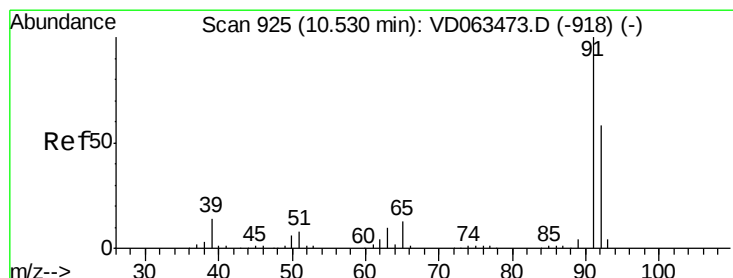
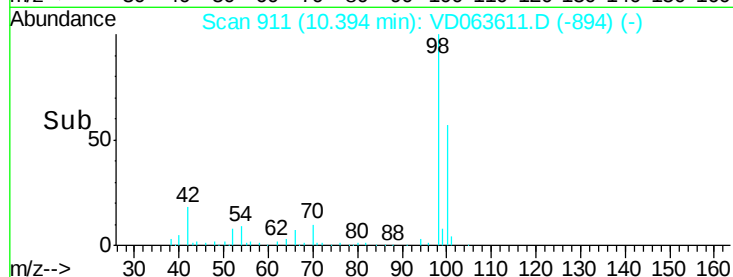
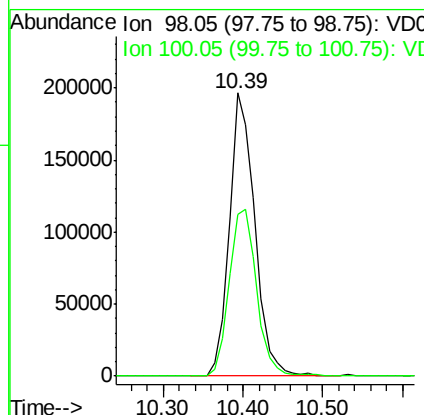
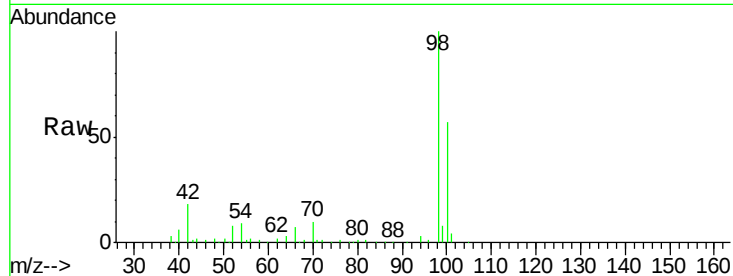




#50
Toluene-d8
Concen: 38.699 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

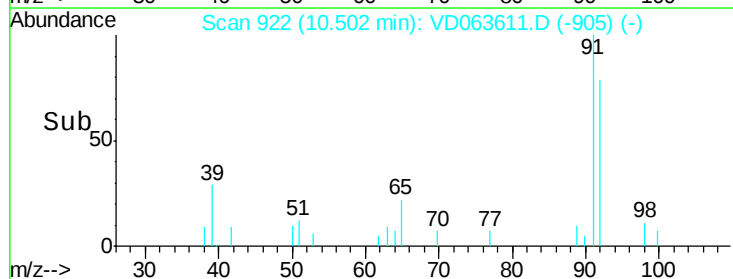
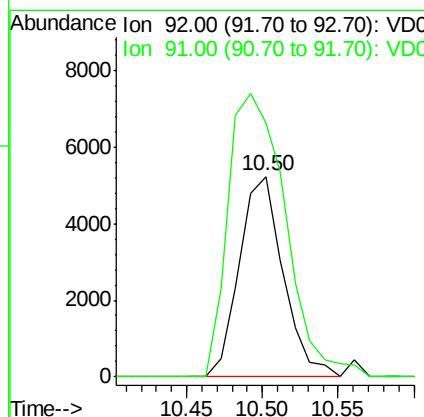
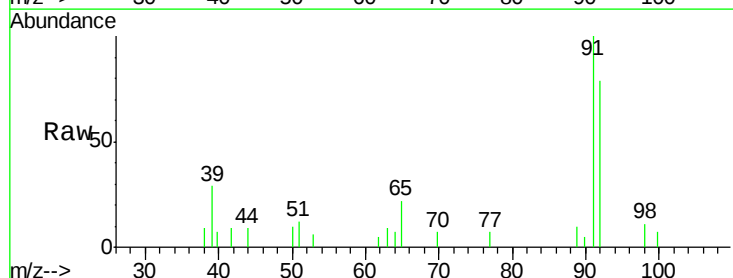
Instrument :
MSVOA_D
ClientSampleId :
TP-2

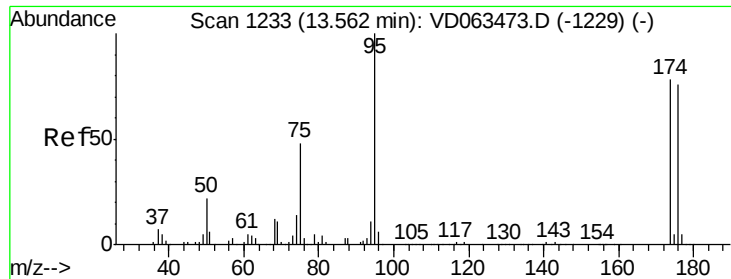
Tot Ion: 98 Resp: 440571
Ion Ratio Lower Upper
98 100
100 57.3 51.7 77.5



#52
Toluene
Concen: 1.369 ug/l
RT: 10.50 min Scan# 922
Delta R.T. -0.03 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 92 Resp: 10548
Ion Ratio Lower Upper
92 100
91 126.6 137.9 206.9#

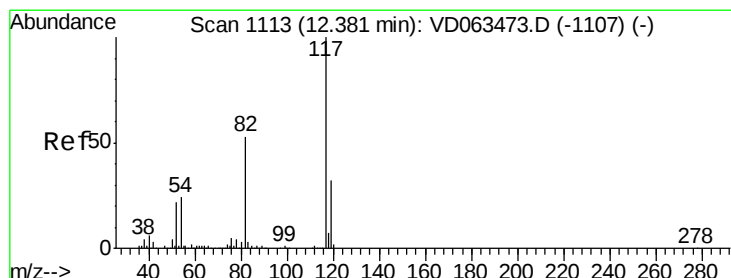
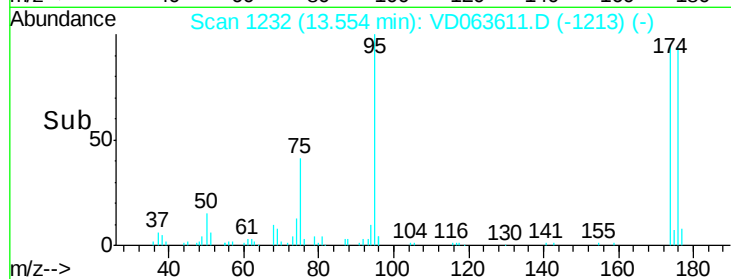
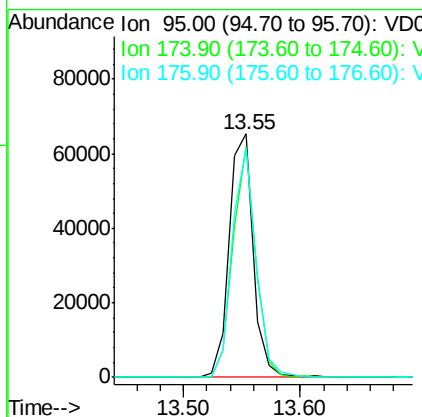
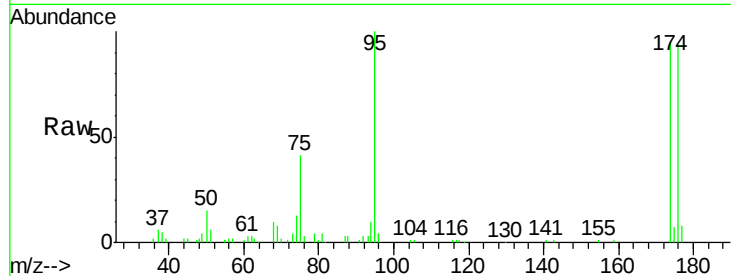




#62
4-Bromofluorobenzene
Concen: 18.026 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

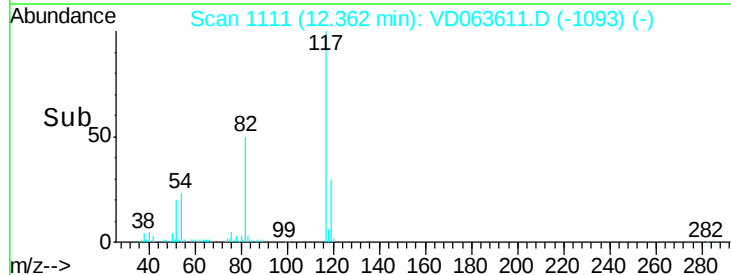
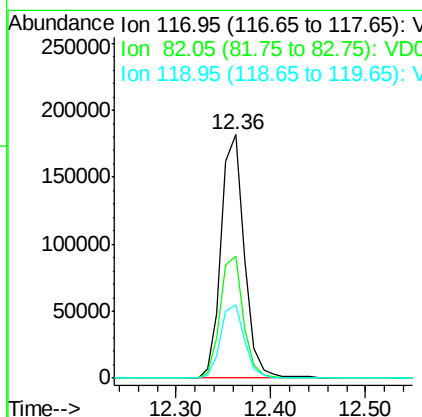
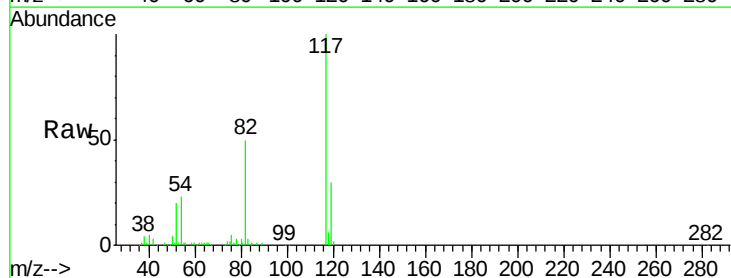
Instrument :
MSVOA_D
ClientSampled :
TP-2

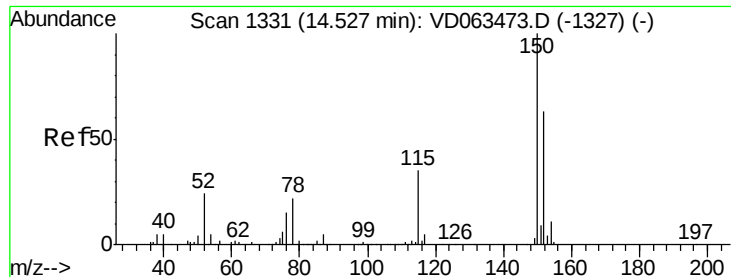
Tot Ion: 95 Resp: 93011
Ion Ratio Lower Upper
95 100
174 95.1 0.0 155.4
176 94.1 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063611.D
Acq: 15 Aug 2019 17:49

Tgt Ion: 117 Resp: 308817
Ion Ratio Lower Upper
117 100
82 50.2 42.0 63.0
119 30.1 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: VD063611.D

Acq: 15 Aug 2019 17:49

Instrument :

MSVOA_D

ClientSampleId :

TP-2

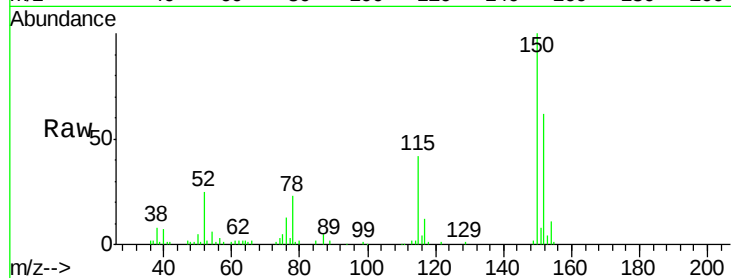
Tot Ion:152 Resp: 66266

Ion Ratio Lower Upper

152 100

115 67.4 30.9 92.7

150 161.8 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

