

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064383.D
 Acq On : 26 Nov 2019 14:47
 Operator : VA/SY
 Sample : K6013-01
 Misc : 7.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 600436752

Quant Time: Nov 27 06:14:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

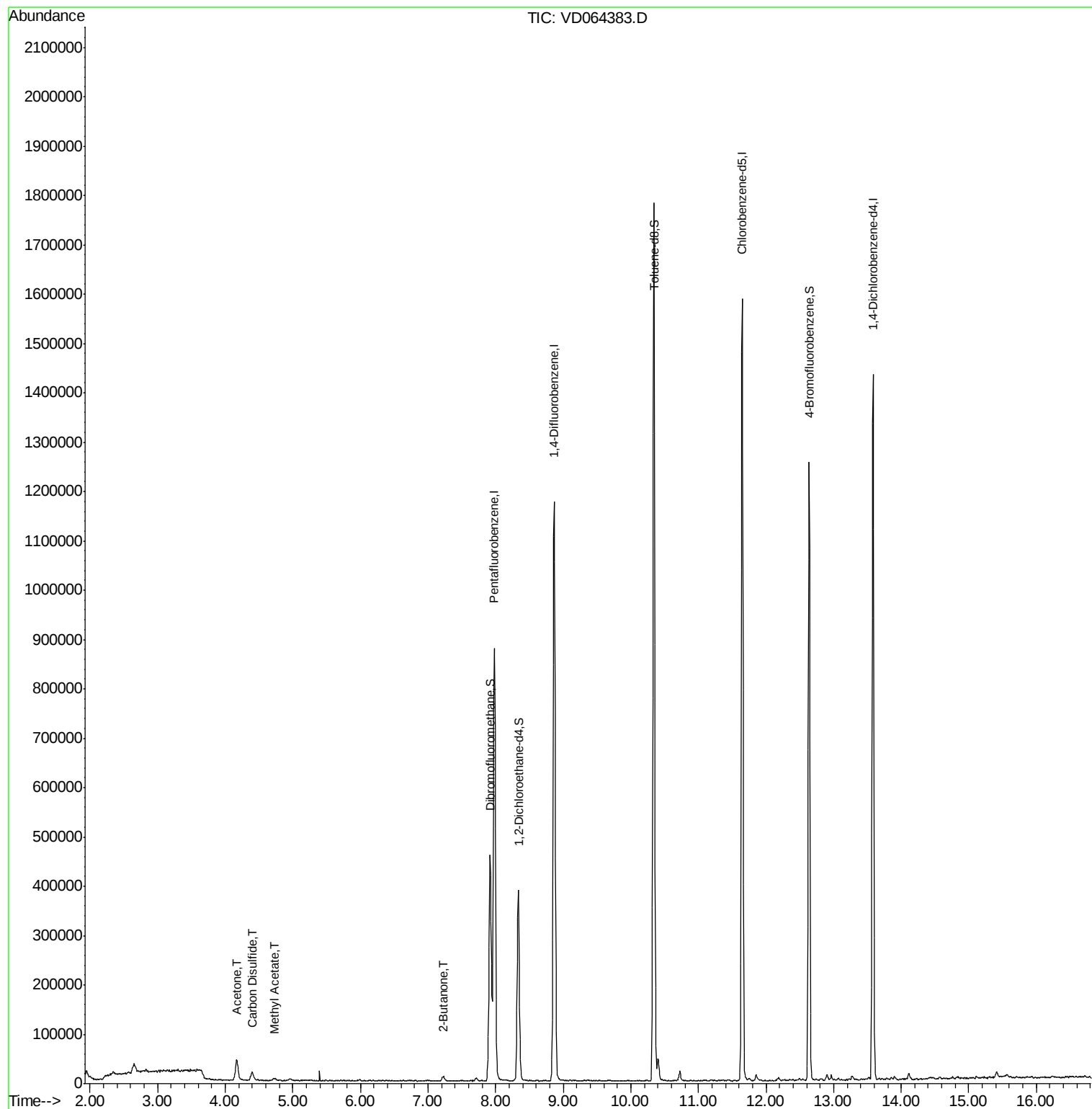
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	709104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1052913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	915239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	389026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	304995	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
35) Dibromofluoromethane	7.92	113	319694	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	10.34	98	1233365	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
62) 4-Bromofluorobenzene	12.64	95	367259	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
Target Compounds						
16) Acetone	4.17	43	74946	54.246	ug/l	91
17) Carbon Disulfide	4.40	76	35579	1.917	ug/l	96
18) Methyl Acetate	4.73	43	7727	2.002	ug/l	98
25) 2-Butanone	7.23	43	9792	5.486	ug/l	92

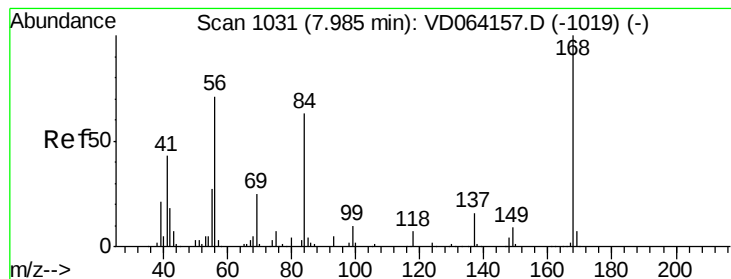
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

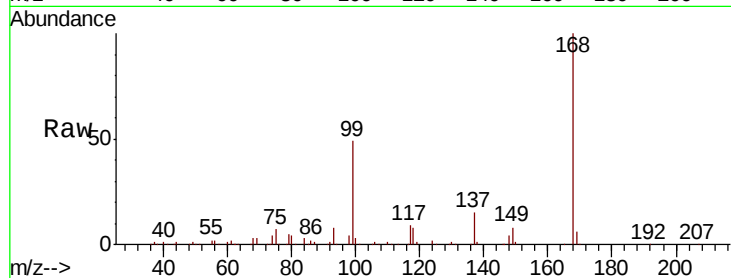
600436752

Tot Ion:168 Resp: 709104

Ion Ratio Lower Upper

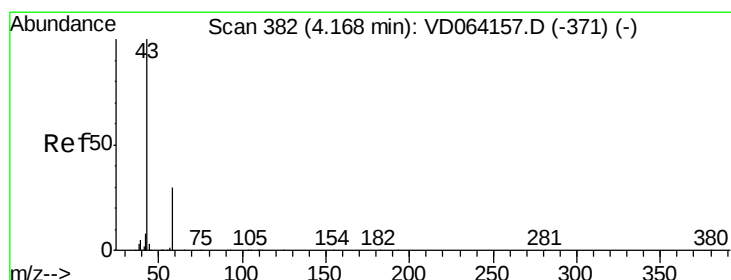
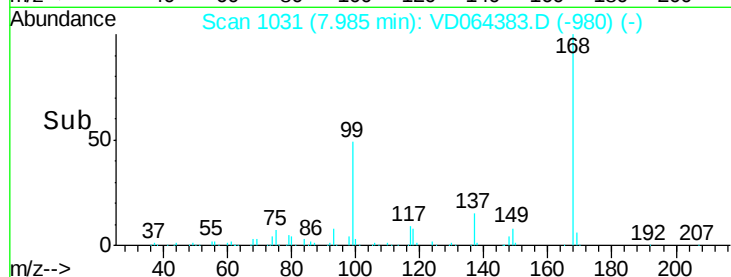
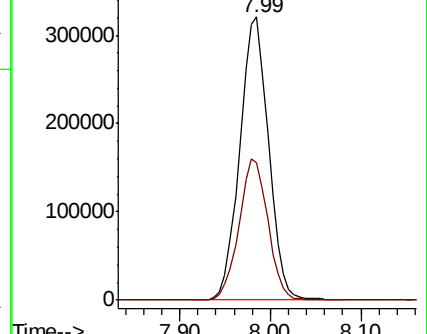
168 100

99 48.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 54.246 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064383.D

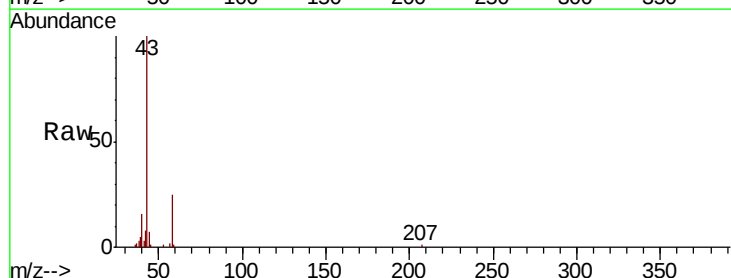
Acq: 26 Nov 2019 14:47

Tgt Ion: 43 Resp: 74946

Ion Ratio Lower Upper

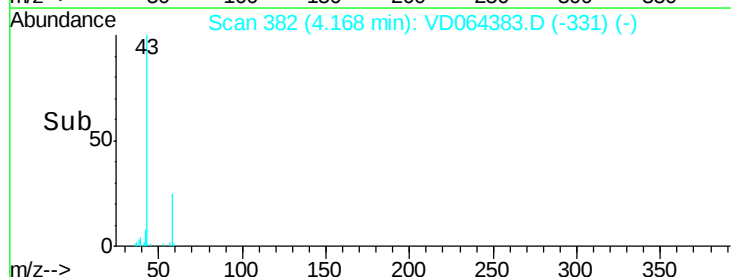
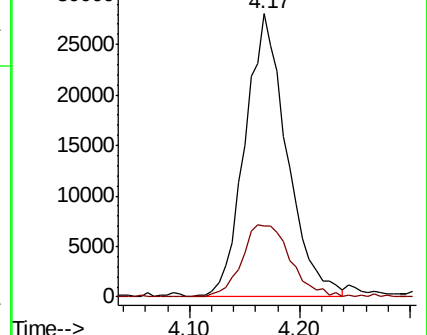
43 100

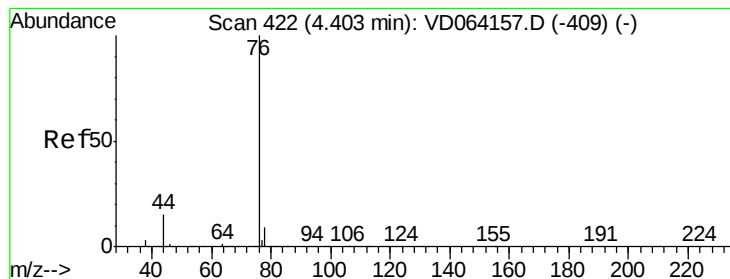
58 25.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.917 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

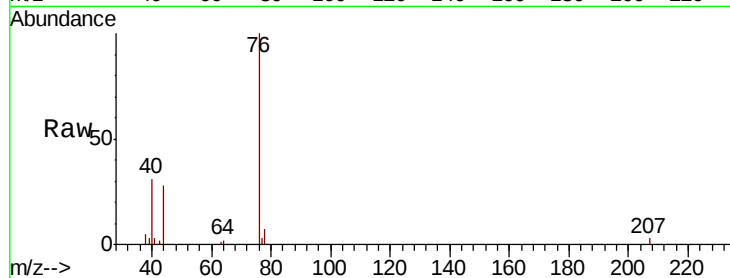
600436752

Tot Ion: 76 Resp: 35579

Ion Ratio Lower Upper

76 100

78 7.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

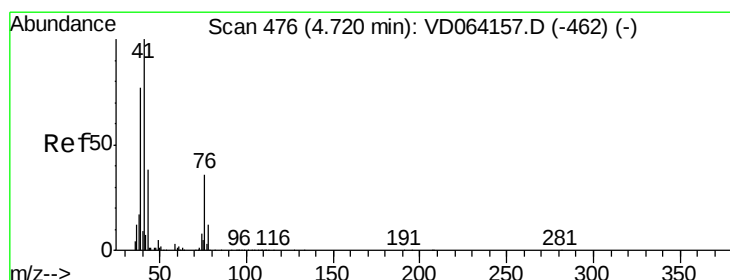
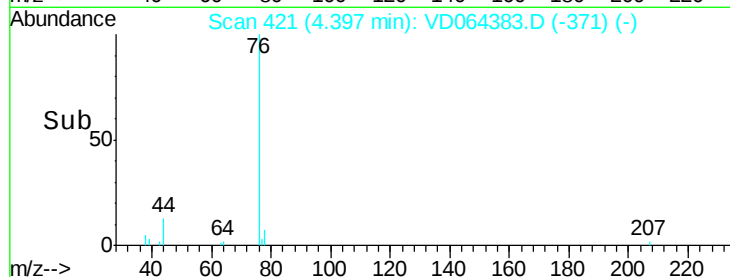
15000

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 2.002 ug/l

RT: 4.73 min Scan# 478

Delta R.T. 0.01 min

Lab File: VD064383.D

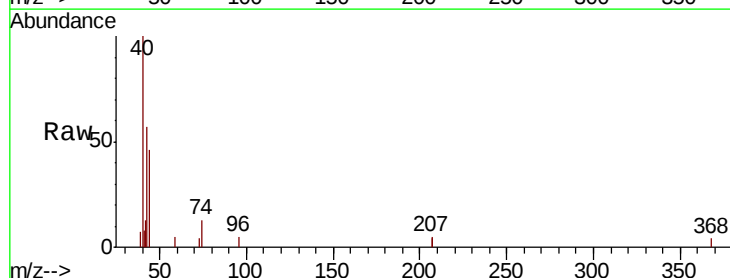
Acq: 26 Nov 2019 14:47

Tgt Ion: 43 Resp: 7727

Ion Ratio Lower Upper

43 100

74 23.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

2500

2000

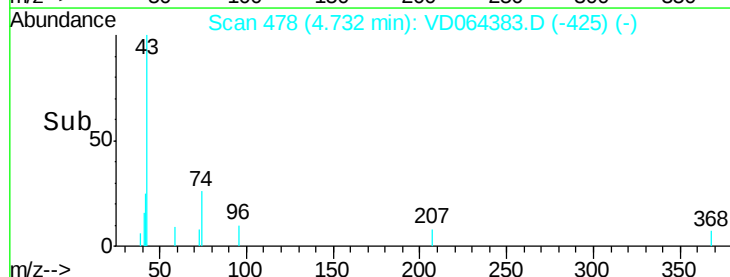
1500

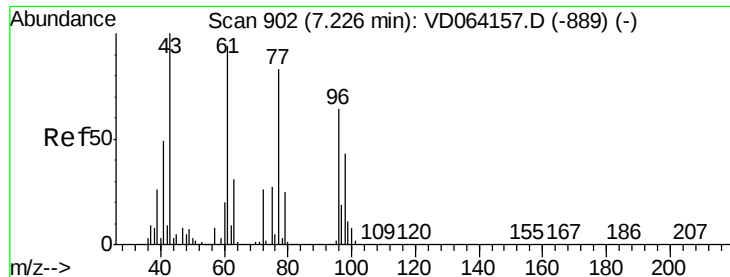
1000

500

0

Time-->

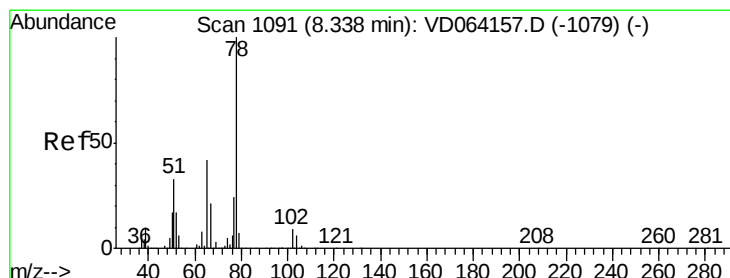
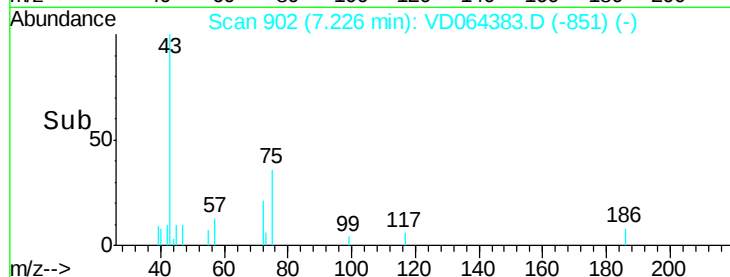
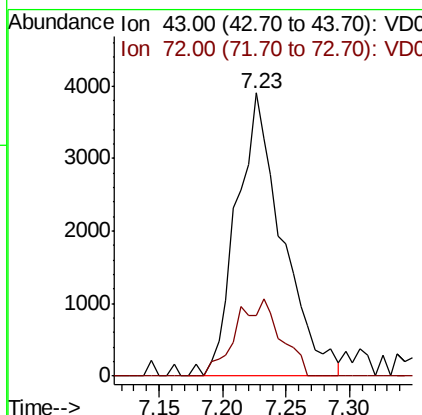
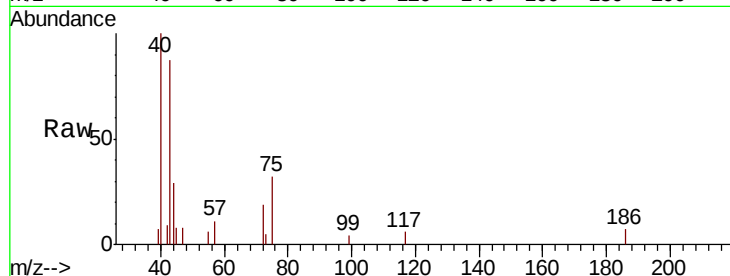




#25
2-Butanone
Concen: 5.486 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.00 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

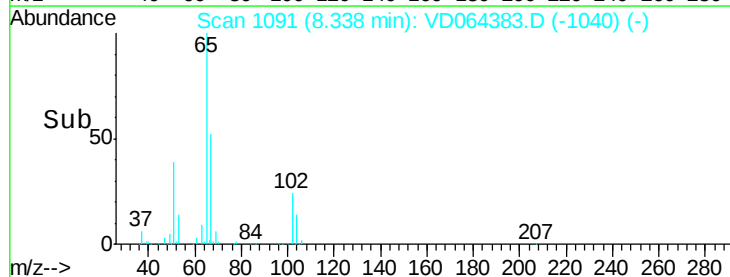
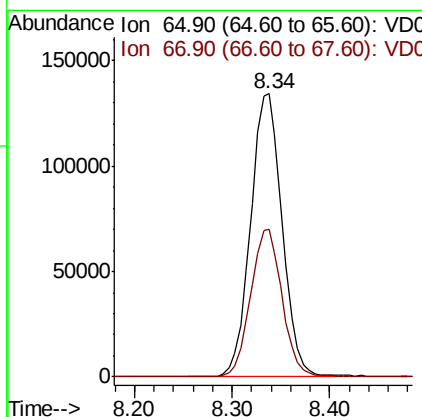
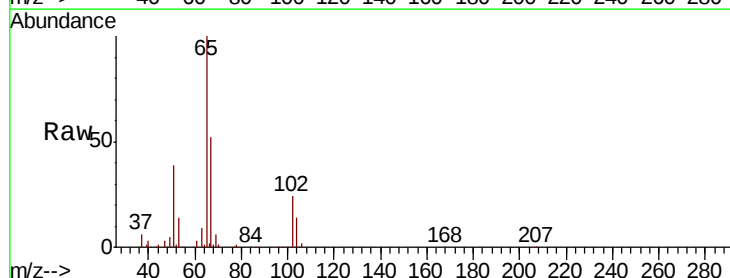
Instrument :
MSVOA_D
ClientSampleId :
600436752

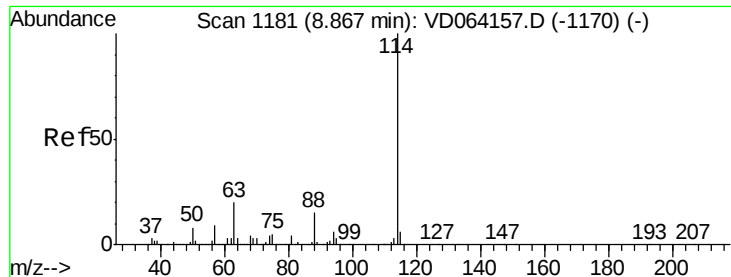
Tot Ion: 43 Resp: 9792
Ion Ratio Lower Upper
43 100
72 21.4 20.6 30.8



#33
1,2-Dichloroethane-d4
Concen: 52.297 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

Tgt Ion: 65 Resp: 304995
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

600436752

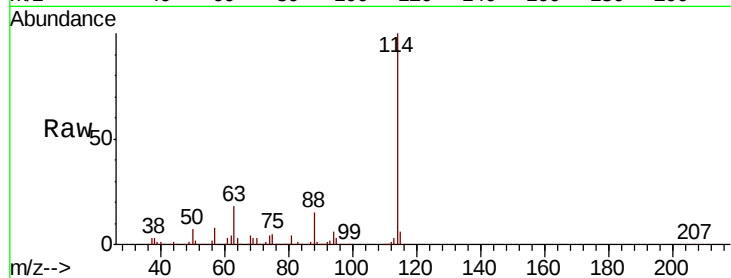
Tot Ion:114 Resp: 1052913

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.0

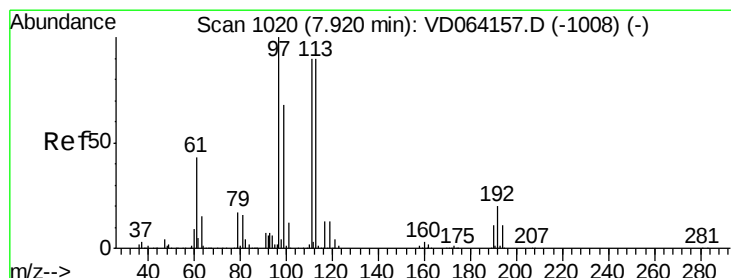
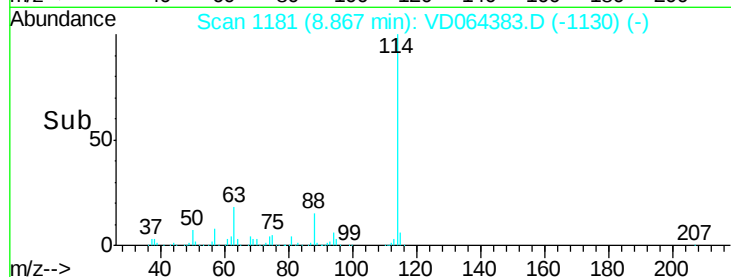
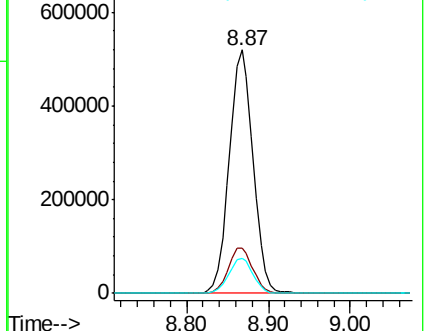
88 14.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 52.895 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

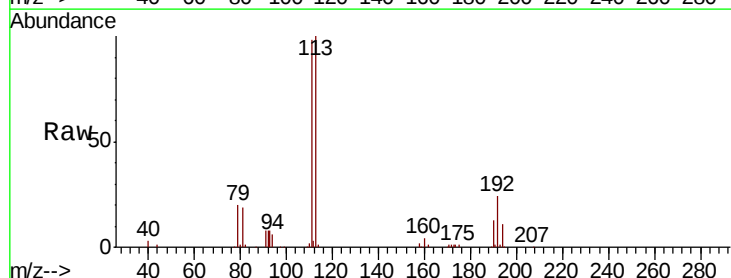
Tgt Ion:113 Resp: 319694

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

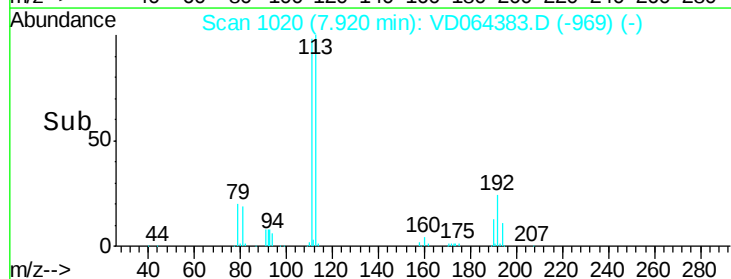
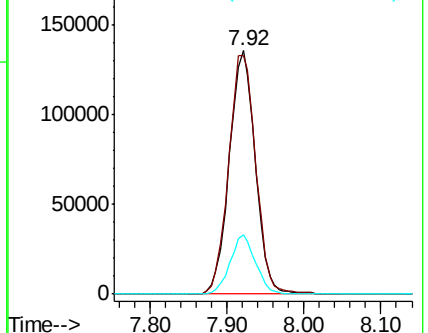
192 23.5 18.8 28.2

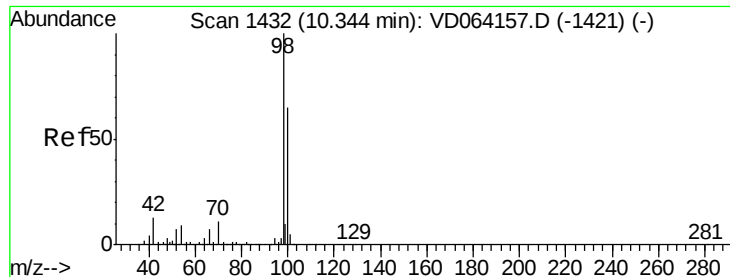


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.095 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

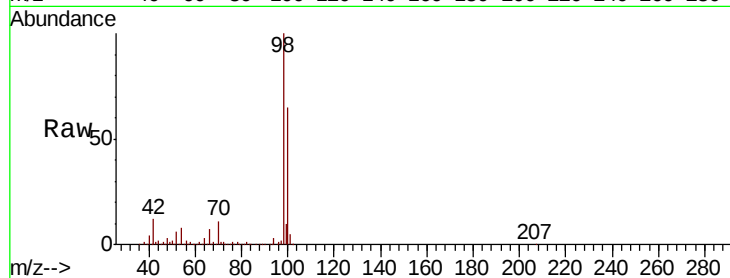
600436752

Tot Ion: 98 Resp: 1233365

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

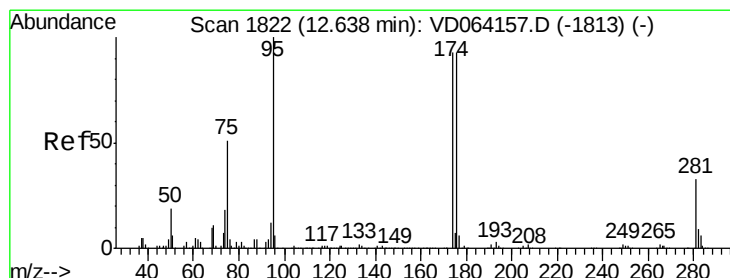
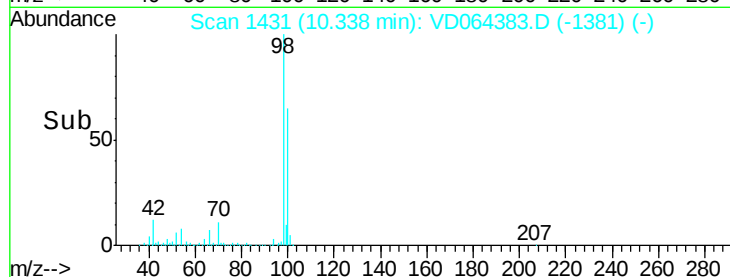
600000

400000

200000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 46.513 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064383.D

Acq: 26 Nov 2019 14:47

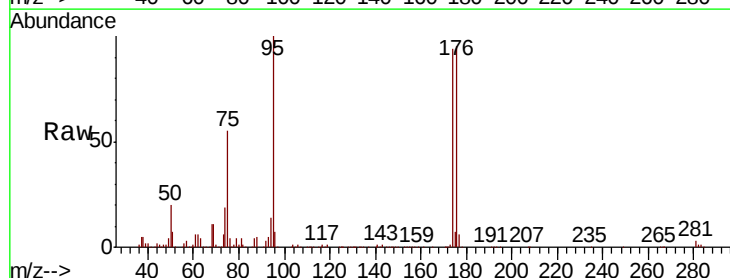
Tgt Ion: 95 Resp: 367259

Ion Ratio Lower Upper

95 100

174 96.3 0.0 183.6

176 94.2 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

300000

250000

200000

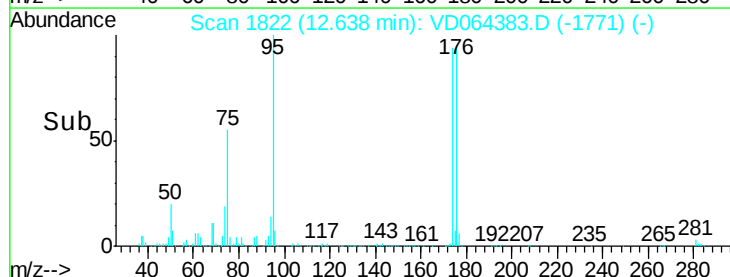
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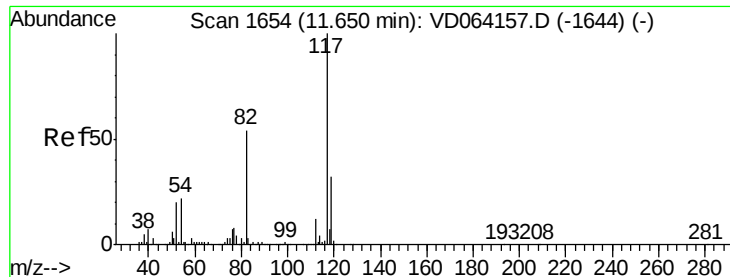
100000

50000

0

Time--> 12.60 12.70

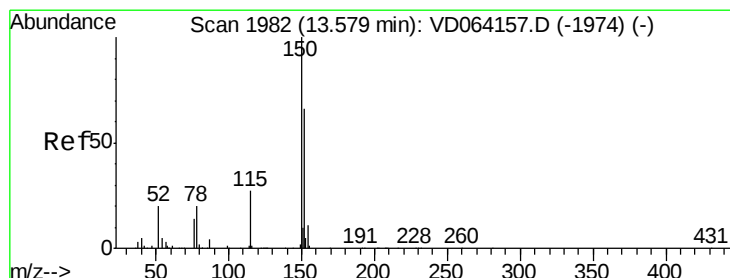
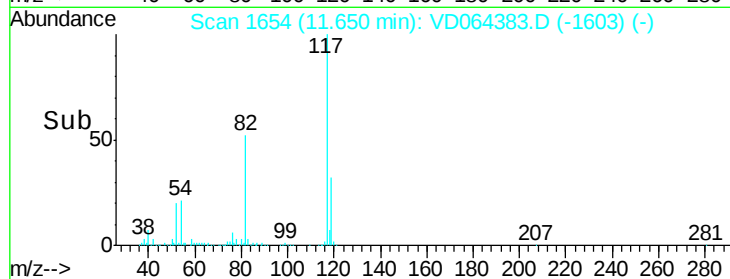
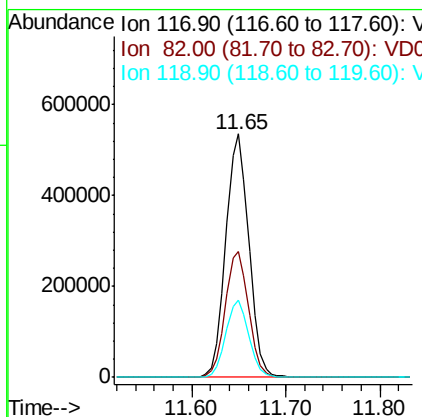
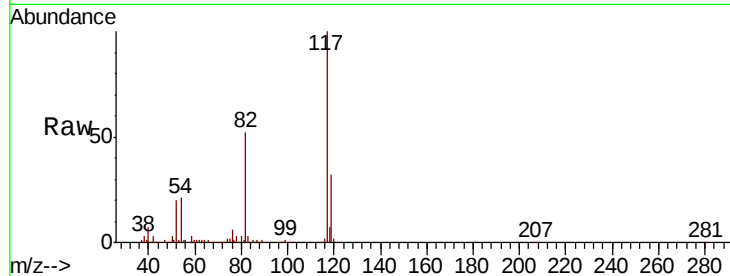




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

Instrument :
MSVOA_D
ClientSampleId :
600436752

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.8	64.2
119	32.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064383.D
Acq: 26 Nov 2019 14:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.4	82.2
150	156.6	0.0	351.6

