

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064953.D
 Acq On : 24 Jan 2020 20:02
 Operator : VA/SY
 Sample : L1242-09
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200062-COMPOSITE-B8

Quant Time: Jan 25 03:36:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

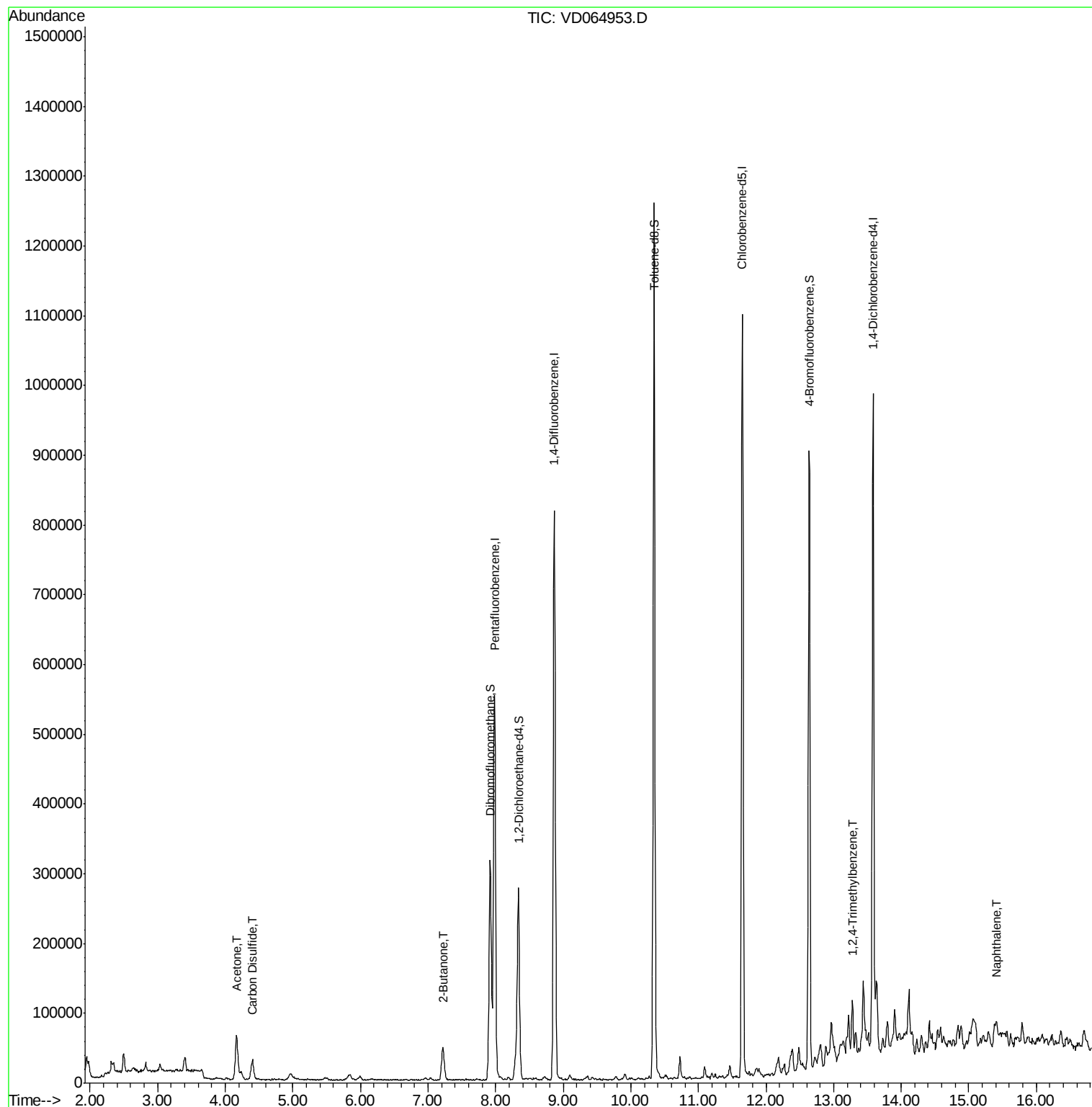
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	424017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	690748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	622308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	247970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	215614	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.92	113	220605	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	10.34	98	815435	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.64	95	254234	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
Target Compounds						
16) Acetone	4.17	43	109924	111.232	ug/l	96
17) Carbon Disulfide	4.40	76	57596	4.741	ug/l #	94
25) 2-Butanone	7.22	43	38572	35.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	45678	3.246	ug/l	100
95) Naphthalene	15.41	128	30276	4.014	ug/l #	94

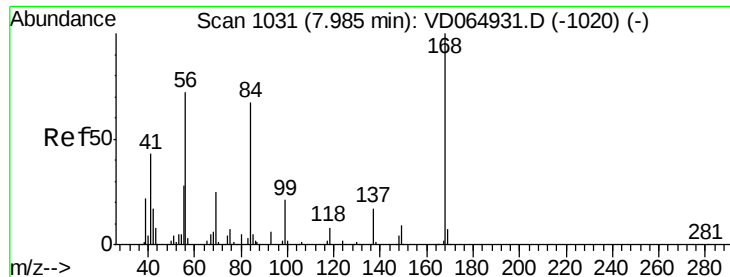
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD012420\
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 13:45:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064953.D

Acq: 24 Jan 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

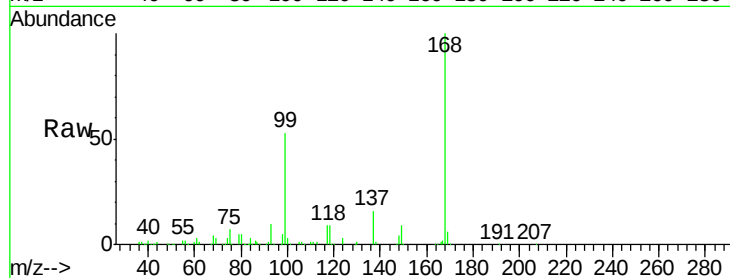
20200062-COMPOSITE-B8

Tot Ion:168 Resp: 424017

Ion Ratio Lower Upper

168 100

99 52.8 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

100000

50000

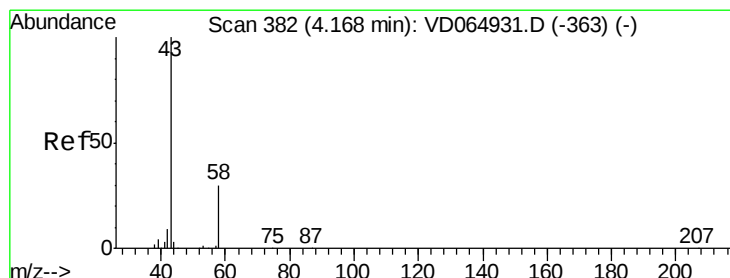
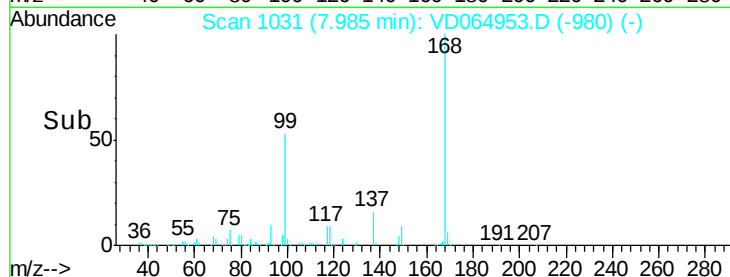
0

7.90

8.00

8.10

Time-->



#16

Acetone

Concen: 111.232 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064953.D

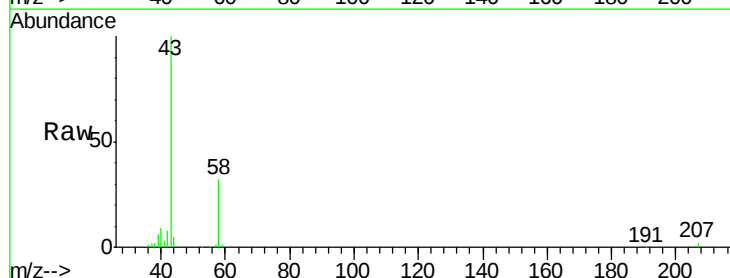
Acq: 24 Jan 2020 20:02

Tgt Ion: 43 Resp: 109924

Ion Ratio Lower Upper

43 100

58 32.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

40000

30000

20000

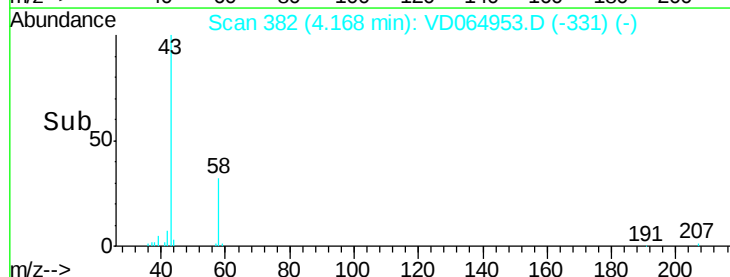
10000

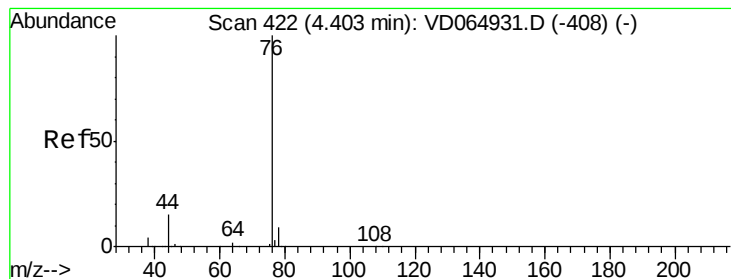
0

4.10

4.20

Time-->





#17

Carbon Disulfide

Concen: 4.741 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD064953.D

Acq: 24 Jan 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

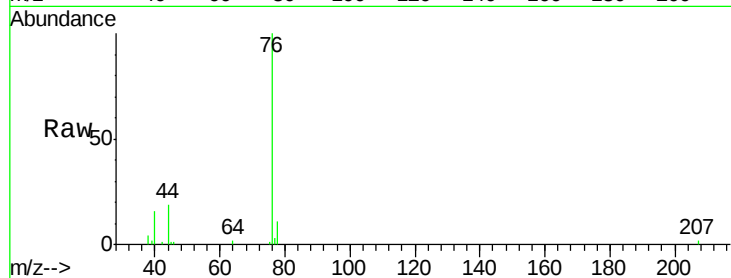
20200062-COMPOSITE-B8

Tot Ion: 76 Resp: 57596

Ion Ratio Lower Upper

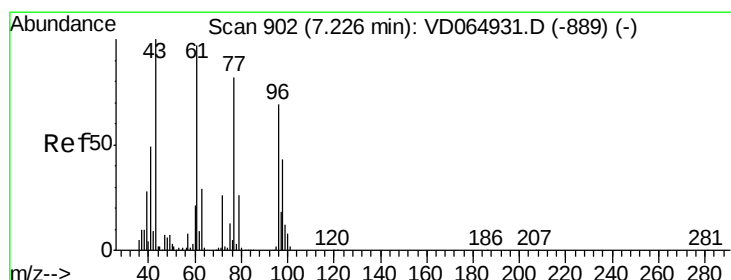
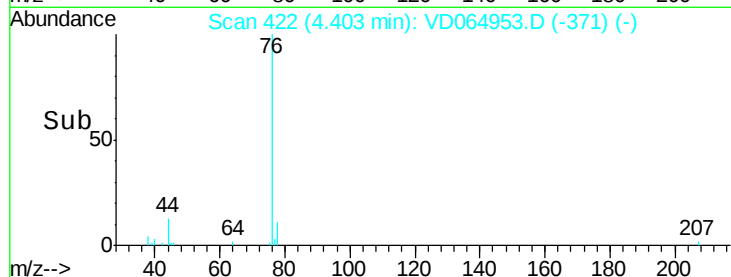
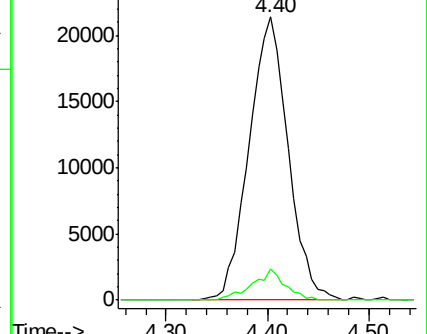
76 100

78 11.0 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 35.103 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064953.D

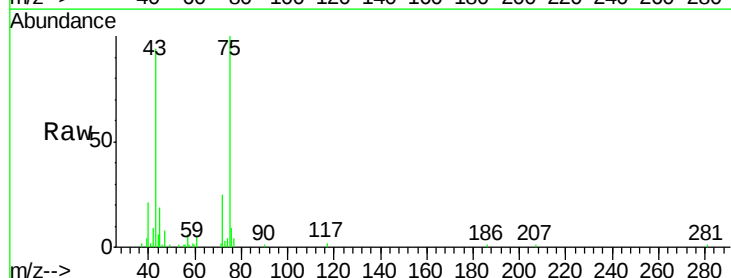
Acq: 24 Jan 2020 20:02

Tgt Ion: 43 Resp: 38572

Ion Ratio Lower Upper

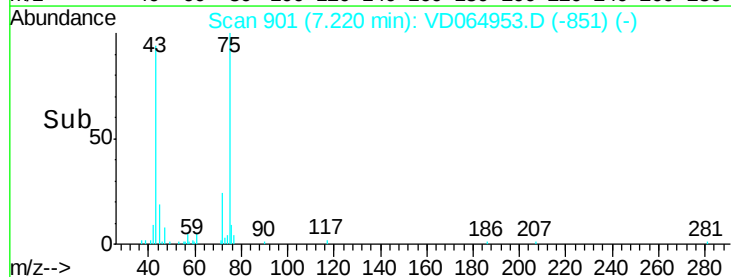
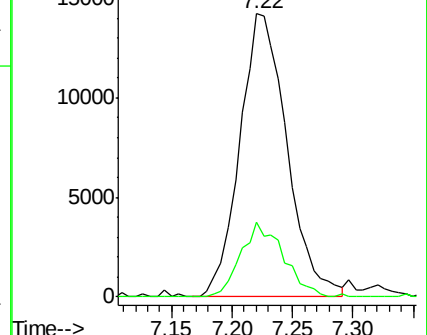
43 100

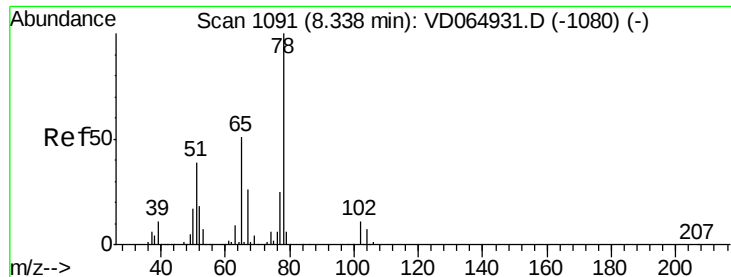
72 26.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 53.012 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064953.D

Acq: 24 Jan 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

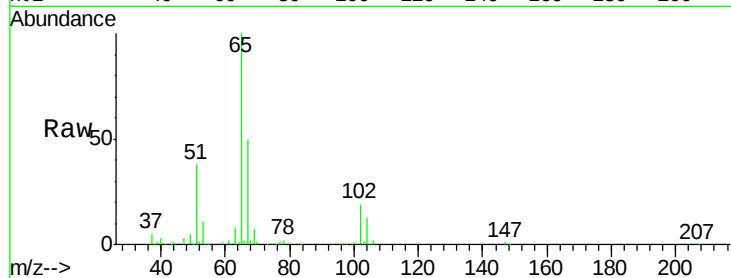
20200062-COMPOSITE-B8

Tot Ion: 65 Resp: 215614

Ion Ratio Lower Upper

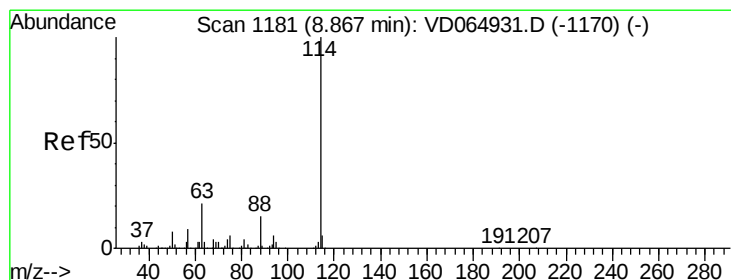
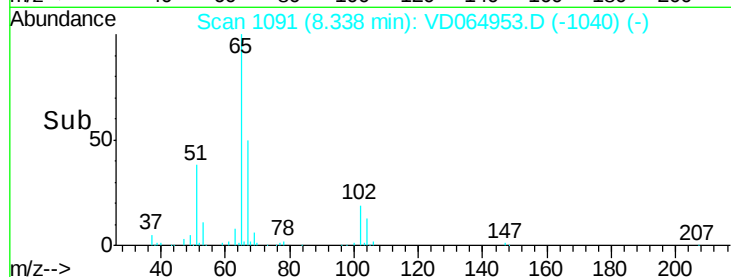
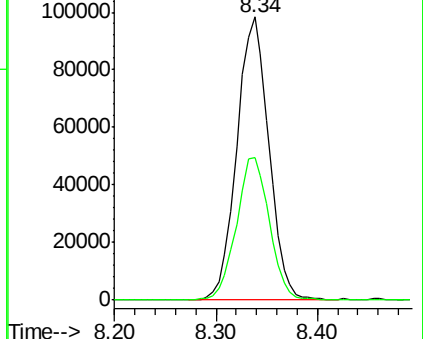
65 100

67 52.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064953.D

Acq: 24 Jan 2020 20:02

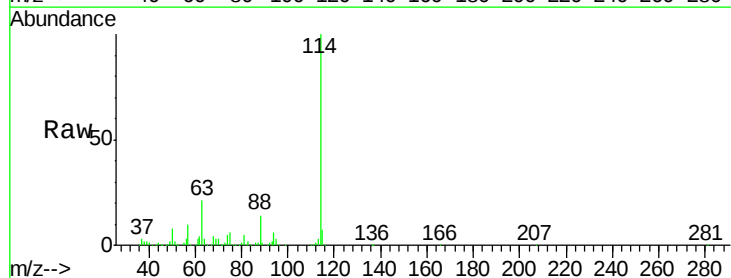
Tgt Ion: 114 Resp: 690748

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.0

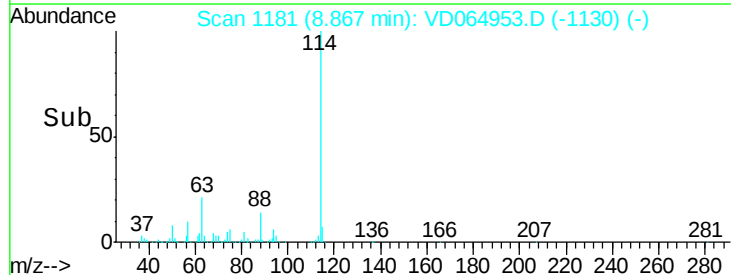
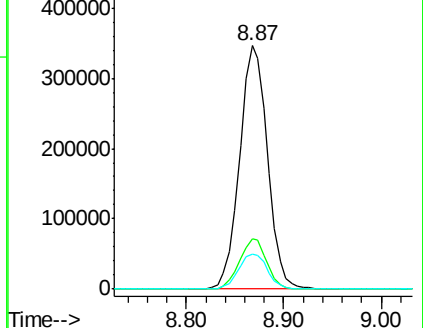
88 14.4 0.0 29.4

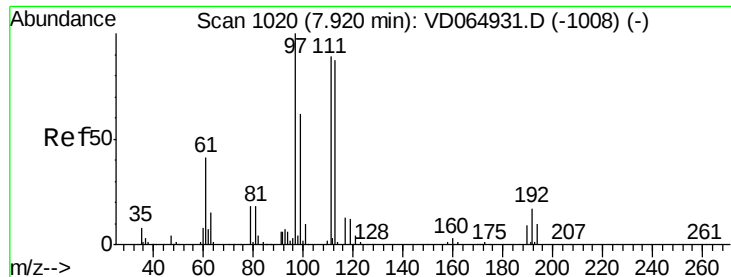


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

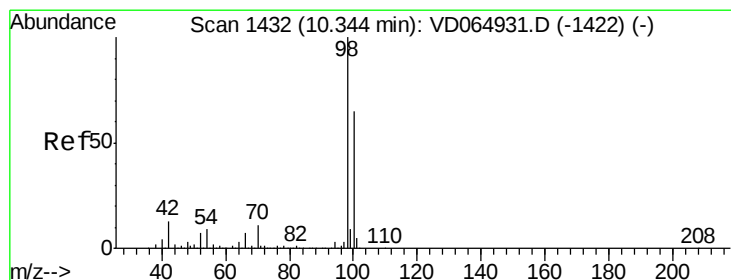
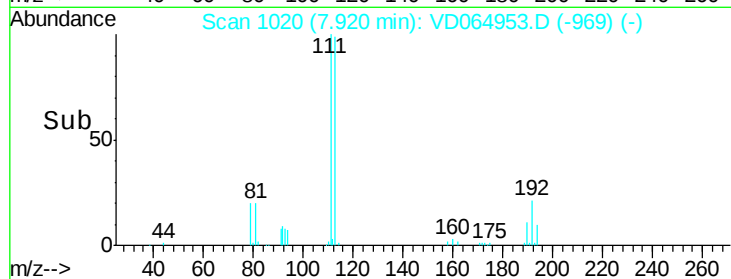
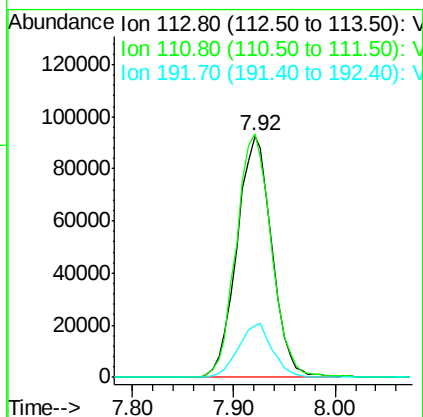
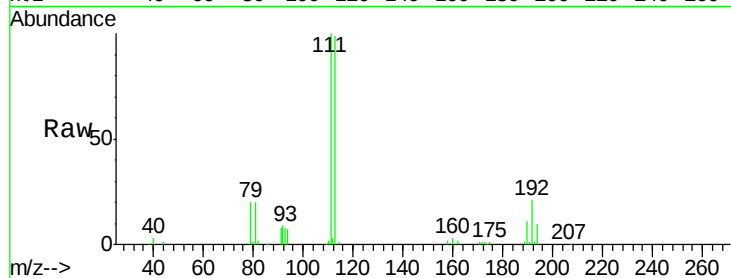




#35
Dibromofluoromethane
Concen: 50.822 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064953.D
Acq: 24 Jan 2020 20:02

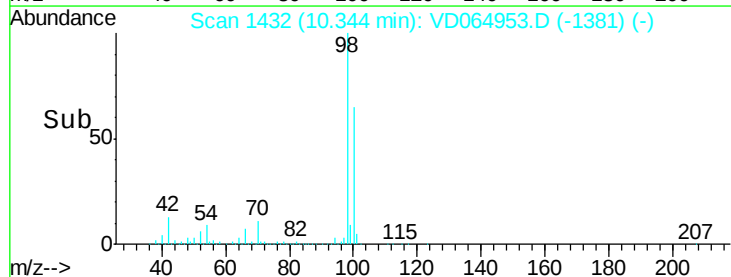
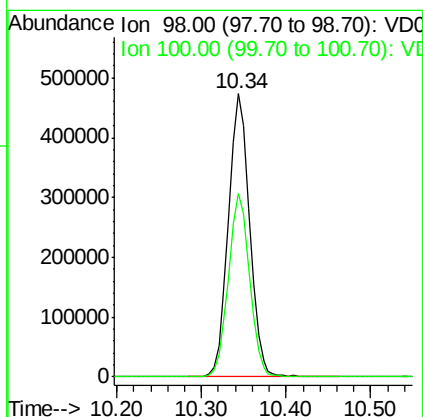
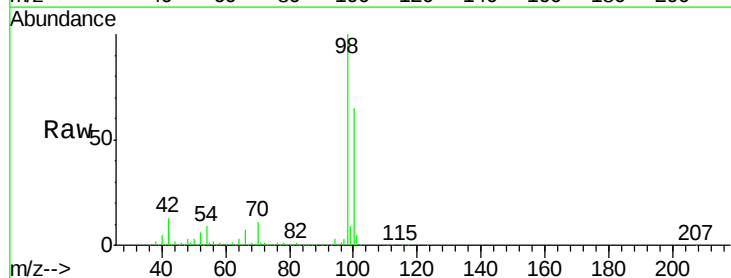
Instrument :
MSVOA_D
ClientSampleId :
20200062-COMPOSITE-B8

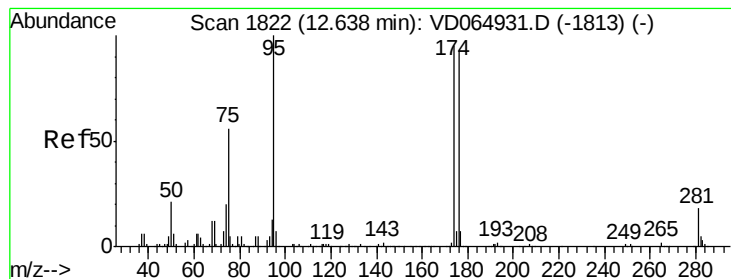
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	21.8	16.9	25.3



#50
Toluene-d8
Concen: 48.672 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064953.D
Acq: 24 Jan 2020 20:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.3	78.5





#62

4-Bromofluorobenzene

Concen: 49.588 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064953.D

Acq: 24 Jan 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

20200062-COMPOSITE-B8

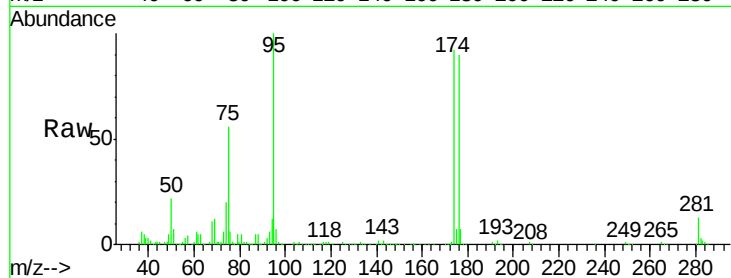
Tot Ion: 95 Resp: 254234

Ion Ratio Lower Upper

95 100

174 92.2 0.0 186.8

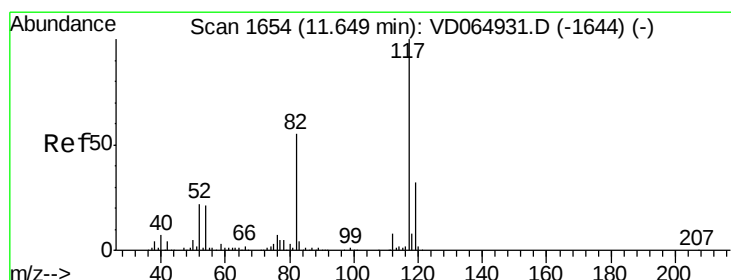
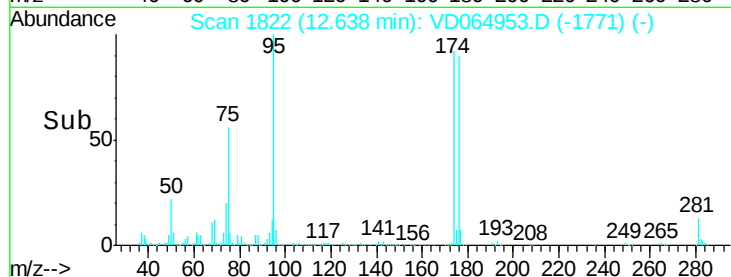
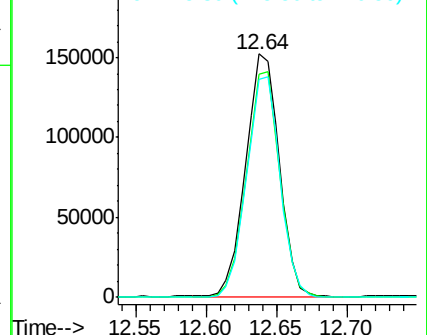
176 90.3 0.0 183.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064953.D

Acq: 24 Jan 2020 20:02

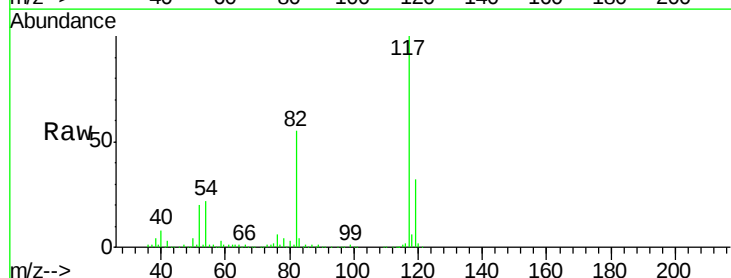
Tgt Ion: 117 Resp: 622308

Ion Ratio Lower Upper

117 100

82 54.6 43.6 65.4

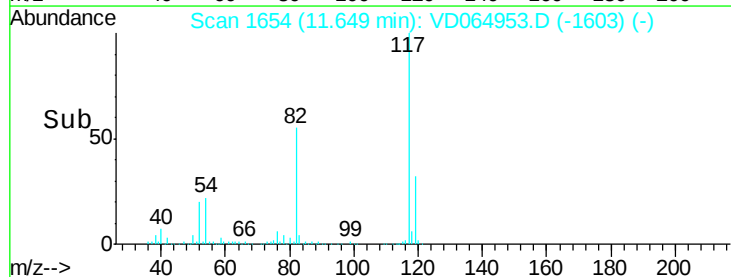
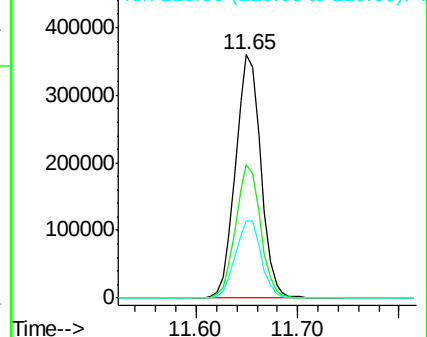
119 31.8 25.2 37.8

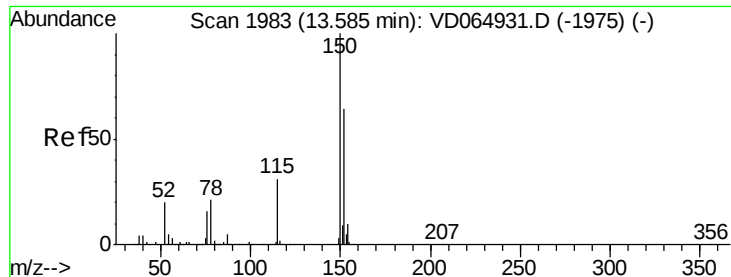


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064953.D

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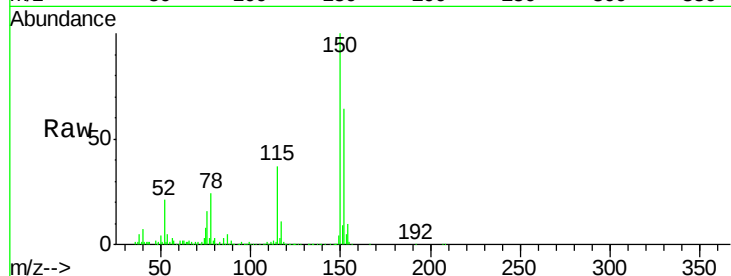
Tot Ion:152 Resp: 247970

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.4

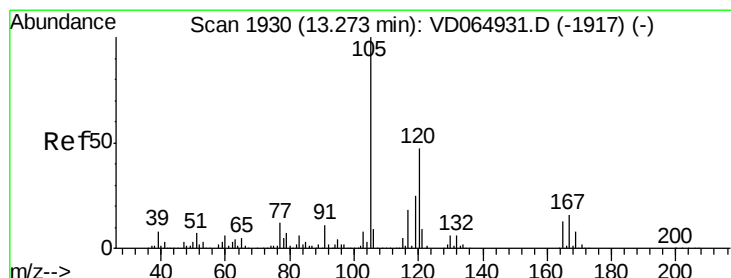
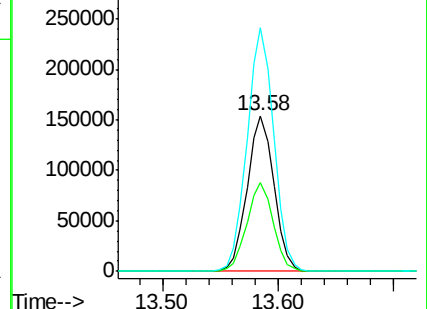
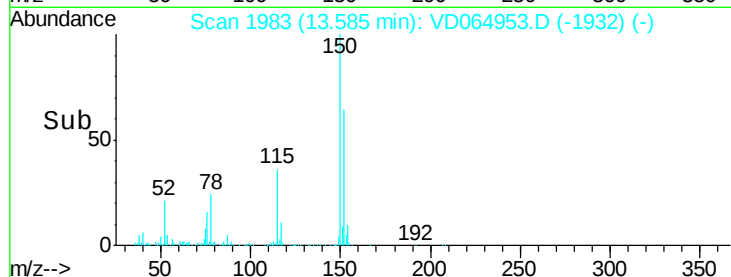
150 155.9 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 3.246 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD064953.D

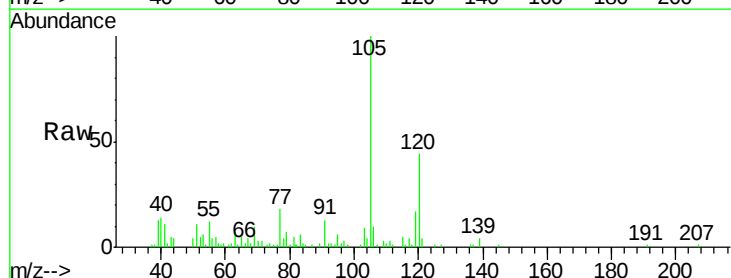
Acq: 24 Jan 2020 20:02

Tgt Ion:105 Resp: 45678

Ion Ratio Lower Upper

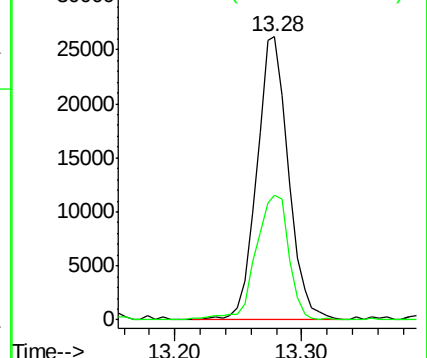
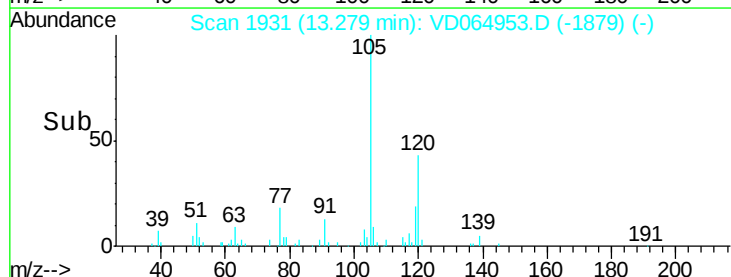
105 100

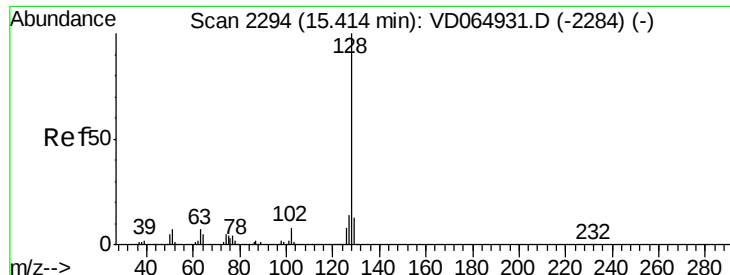
120 46.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

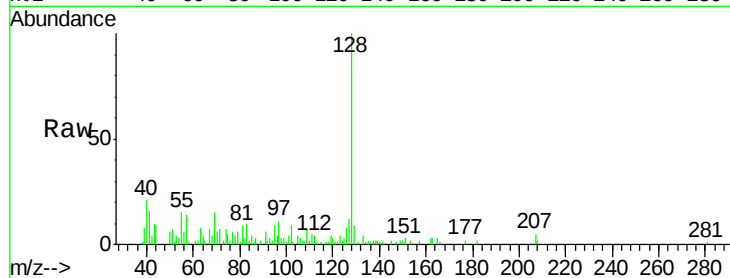




#95
Naphthalene
Concen: 4.014 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD064953.D
Acq: 24 Jan 2020 20:02

Instrument :
MSVOA_D
ClientSampleId :
20200062-COMPOSITE-B8

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.6	15.8#
129	12.9	9.3	13.9



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

