

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064949.D
 Acq On : 24 Jan 2020 18:07
 Operator : VA/SY
 Sample : L1242-05
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200059-COMPOSITE-5

Quant Time: Jan 25 03:18:43 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

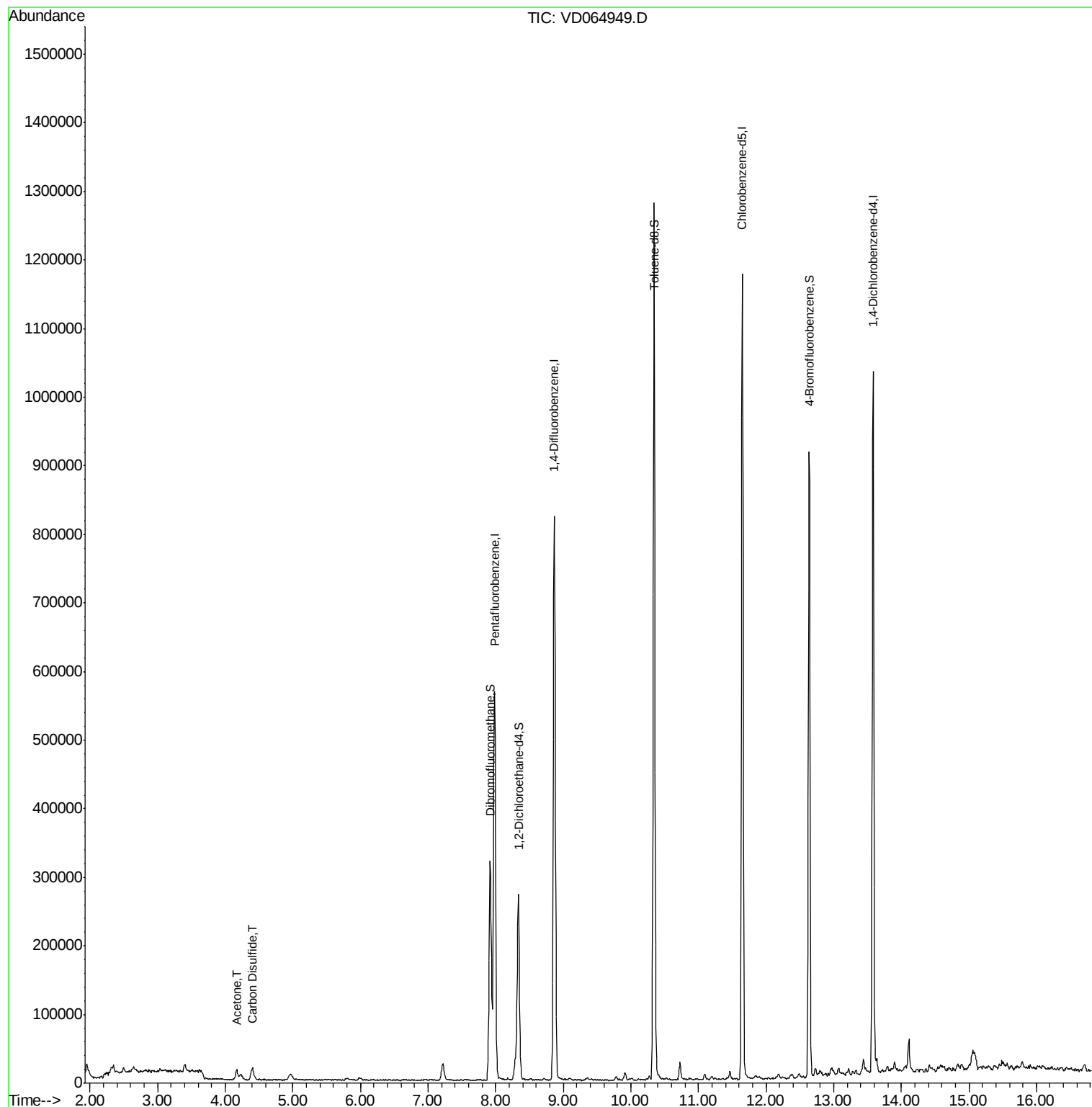
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	431778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	697387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	657250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	215877	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
35) Dibromofluoromethane	7.92	113	224238	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	10.34	98	850041	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.64	95	265949	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
Target Compounds						
16) Acetone	4.17	43	23489	33.193	ug/l	95
17) Carbon Disulfide	4.40	76	35234	2.848	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

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Acq: 24 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

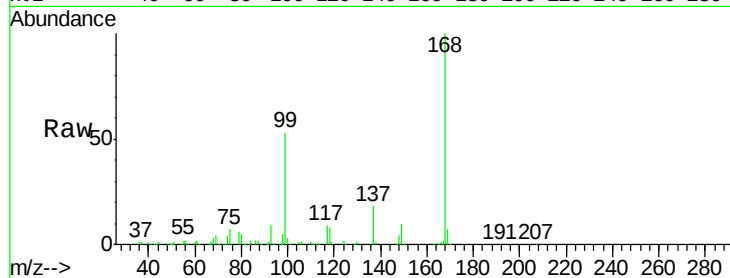
20200059-COMPOSITE-5

Tot Ion:168 Resp: 431778

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

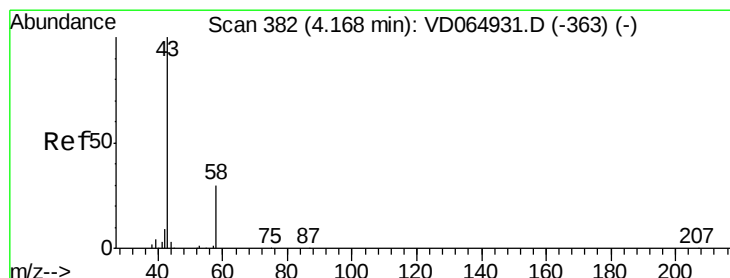
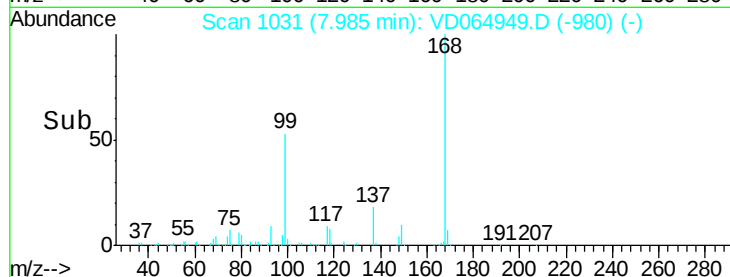
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 33.193 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064949.D

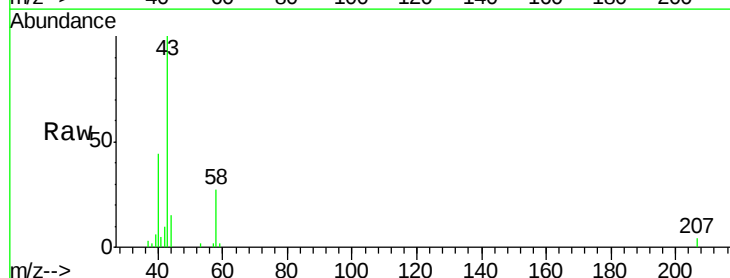
Acq: 24 Jan 2020 18:07

Tgt Ion: 43 Resp: 23489

Ion Ratio Lower Upper

43 100

58 26.9 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

10000

8000

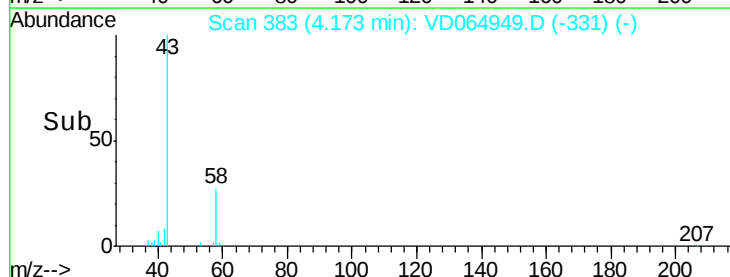
6000

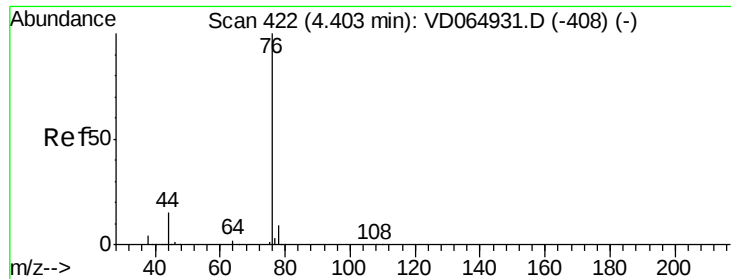
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 2.848 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064949.D

Acq: 24 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

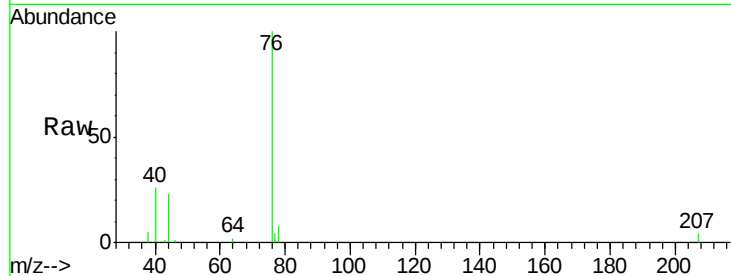
20200059-COMPOSITE-5

Tot Ion: 76 Resp: 35234

Ion Ratio Lower Upper

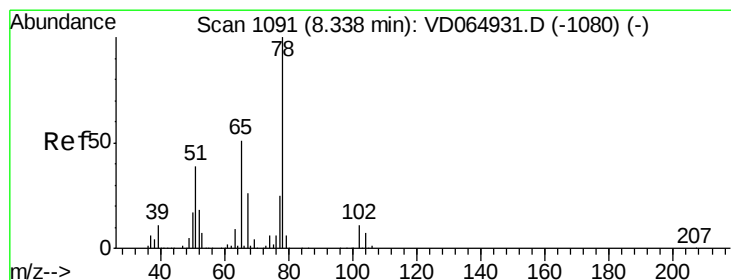
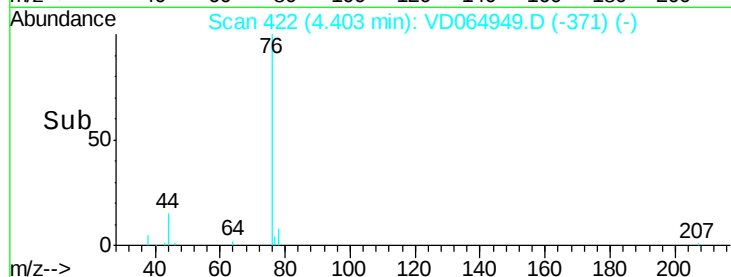
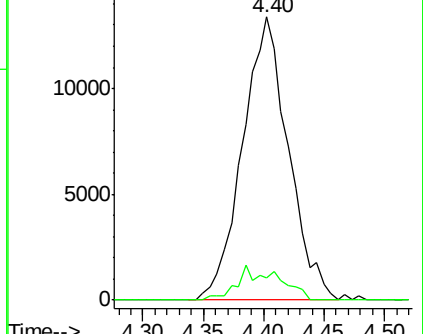
76 100

78 7.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.123 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064949.D

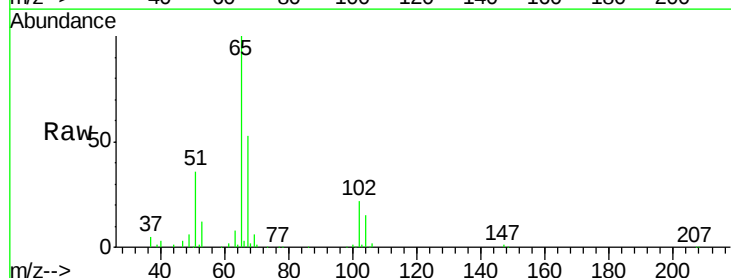
Acq: 24 Jan 2020 18:07

Tgt Ion: 65 Resp: 215877

Ion Ratio Lower Upper

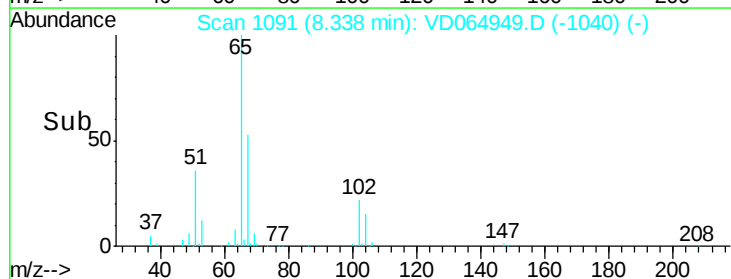
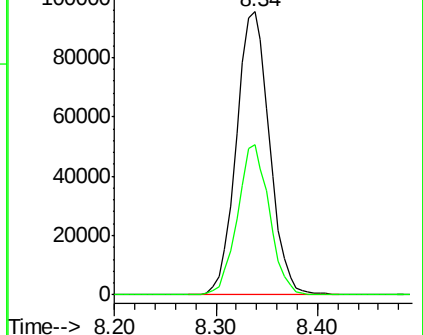
65 100

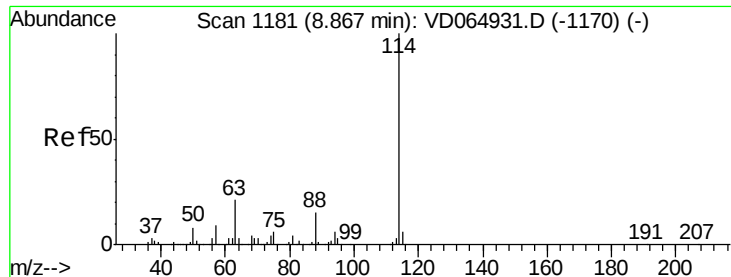
67 51.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

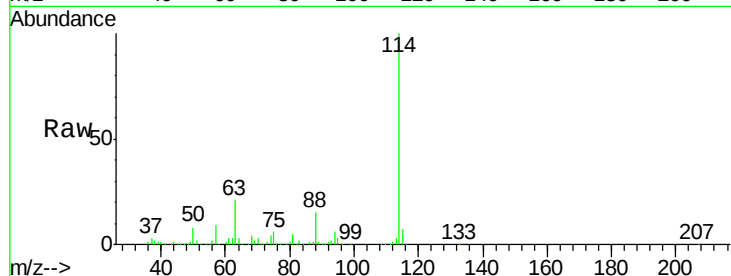




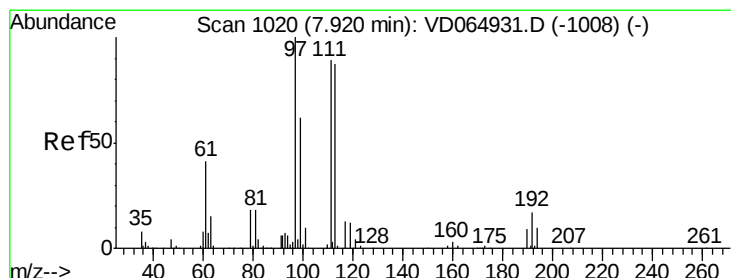
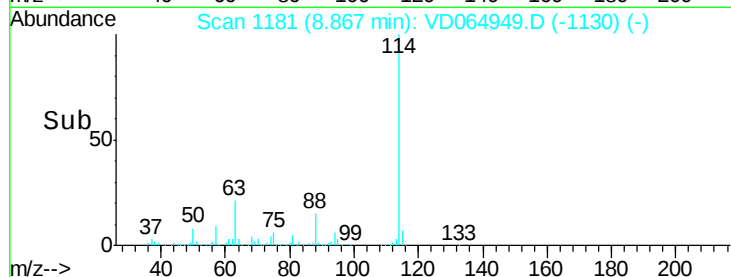
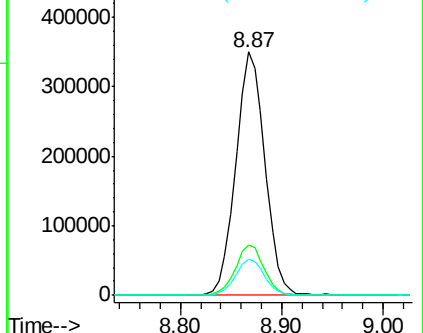
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064949.D
 Acq: 24 Jan 2020 18:07

Instrument :
 MSVOA_D
 ClientSampleId :
 20200059-COMPOSITE-5

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.0
88	14.9	0.0	29.4

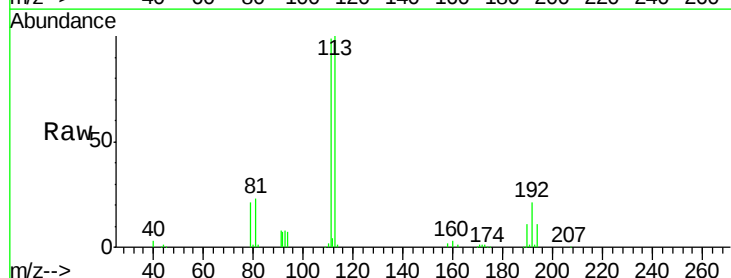


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

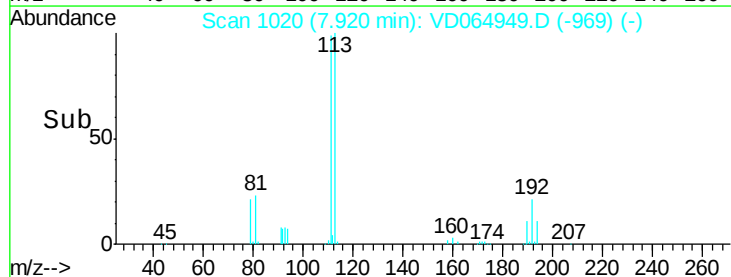
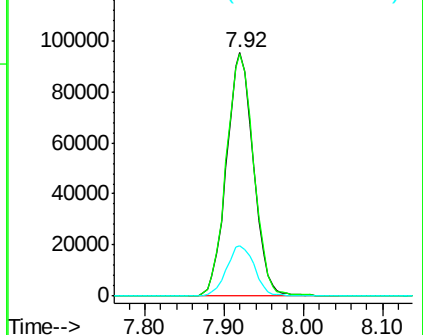


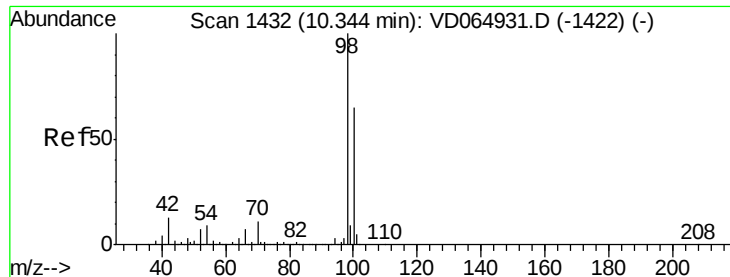
#35
 Dibromofluoromethane
 Concen: 51.167 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064949.D
 Acq: 24 Jan 2020 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	21.3	16.9	25.3



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: 50.255 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064949.D

Acq: 24 Jan 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

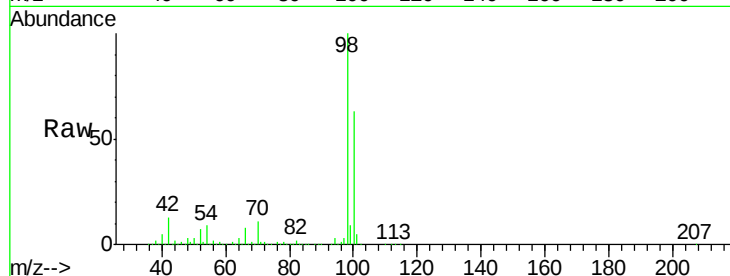
20200059-COMPOSITE-5

Tot Ion: 98 Resp: 850041

Ion Ratio Lower Upper

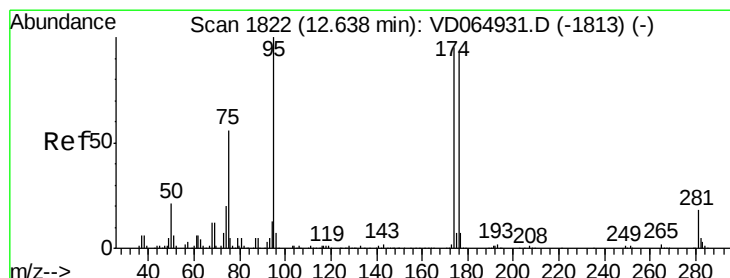
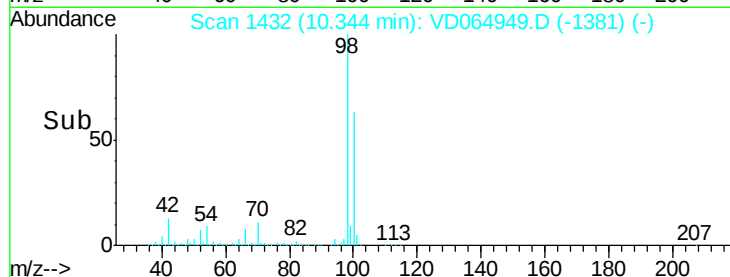
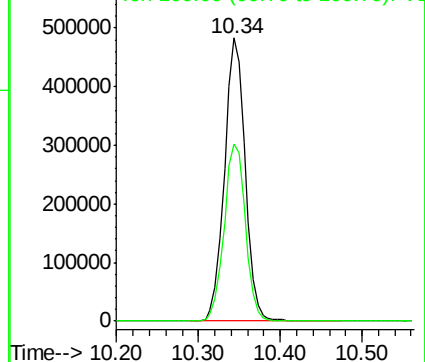
98 100

100 64.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.379 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064949.D

Acq: 24 Jan 2020 18:07

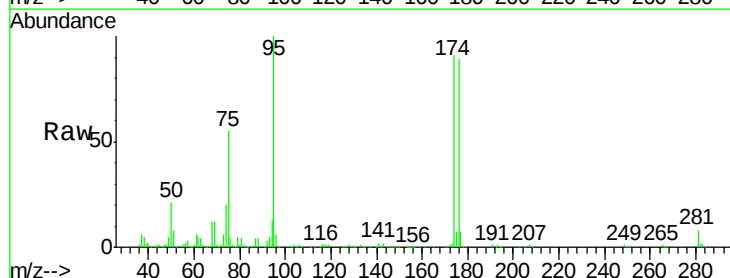
Tgt Ion: 95 Resp: 265949

Ion Ratio Lower Upper

95 100

174 91.9 0.0 186.8

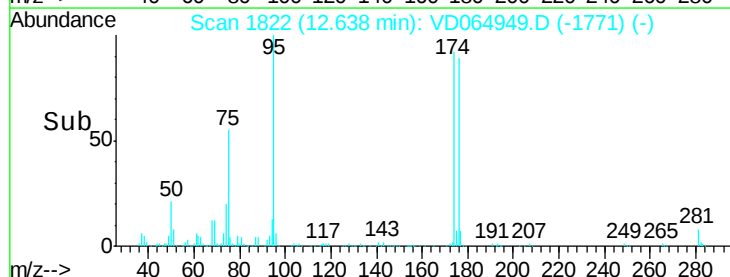
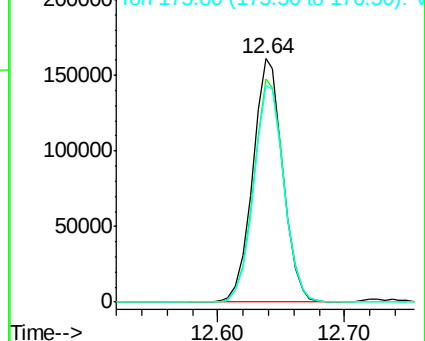
176 89.3 0.0 183.4

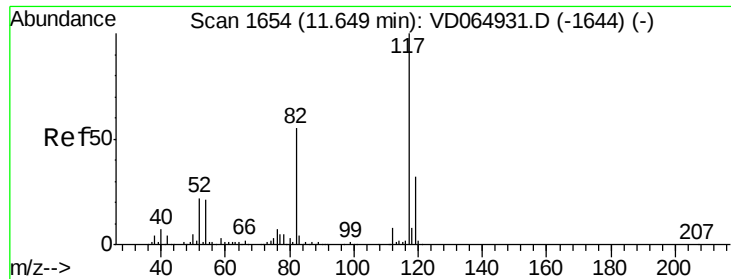


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

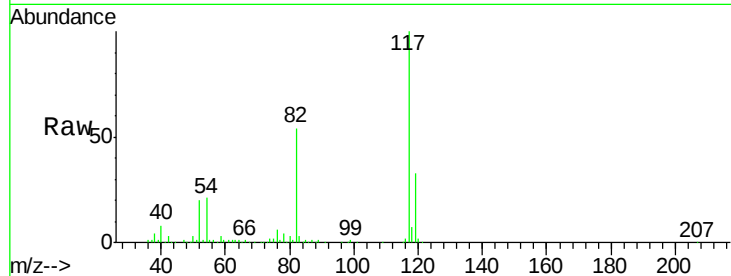




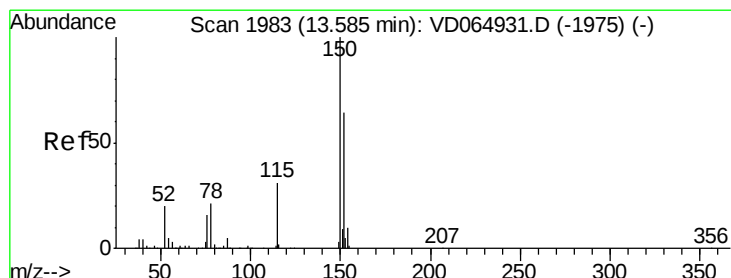
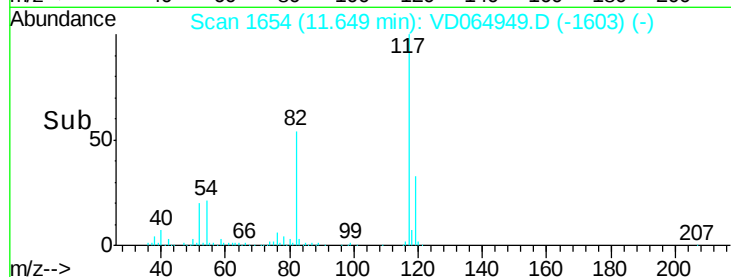
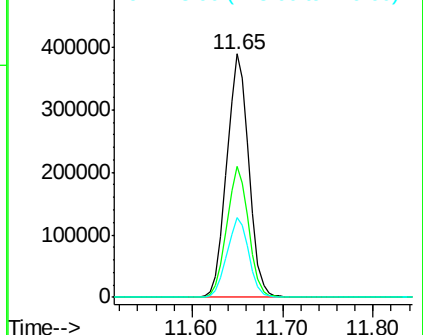
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064949.D
Acq: 24 Jan 2020 18:07

Instrument :
MSVOA_D
ClientSampleId :
20200059-COMPOSITE-5

Tot Ion:117 Resp: 657250
Ion Ratio Lower Upper
117 100
82 53.6 43.6 65.4
119 32.7 25.2 37.8

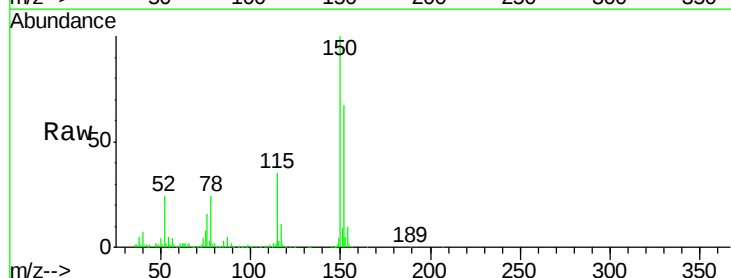


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064949.D
Acq: 24 Jan 2020 18:07

Tgt Ion:152 Resp: 277989
Ion Ratio Lower Upper
152 100
115 54.8 28.1 84.4
150 153.3 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

