

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065987.D
 Acq On : 21 Jul 2020 18:29
 Operator : VA/SY
 Sample : L3182-01
 Misc : 8.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-071720

Quant Time: Jul 22 02:01:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

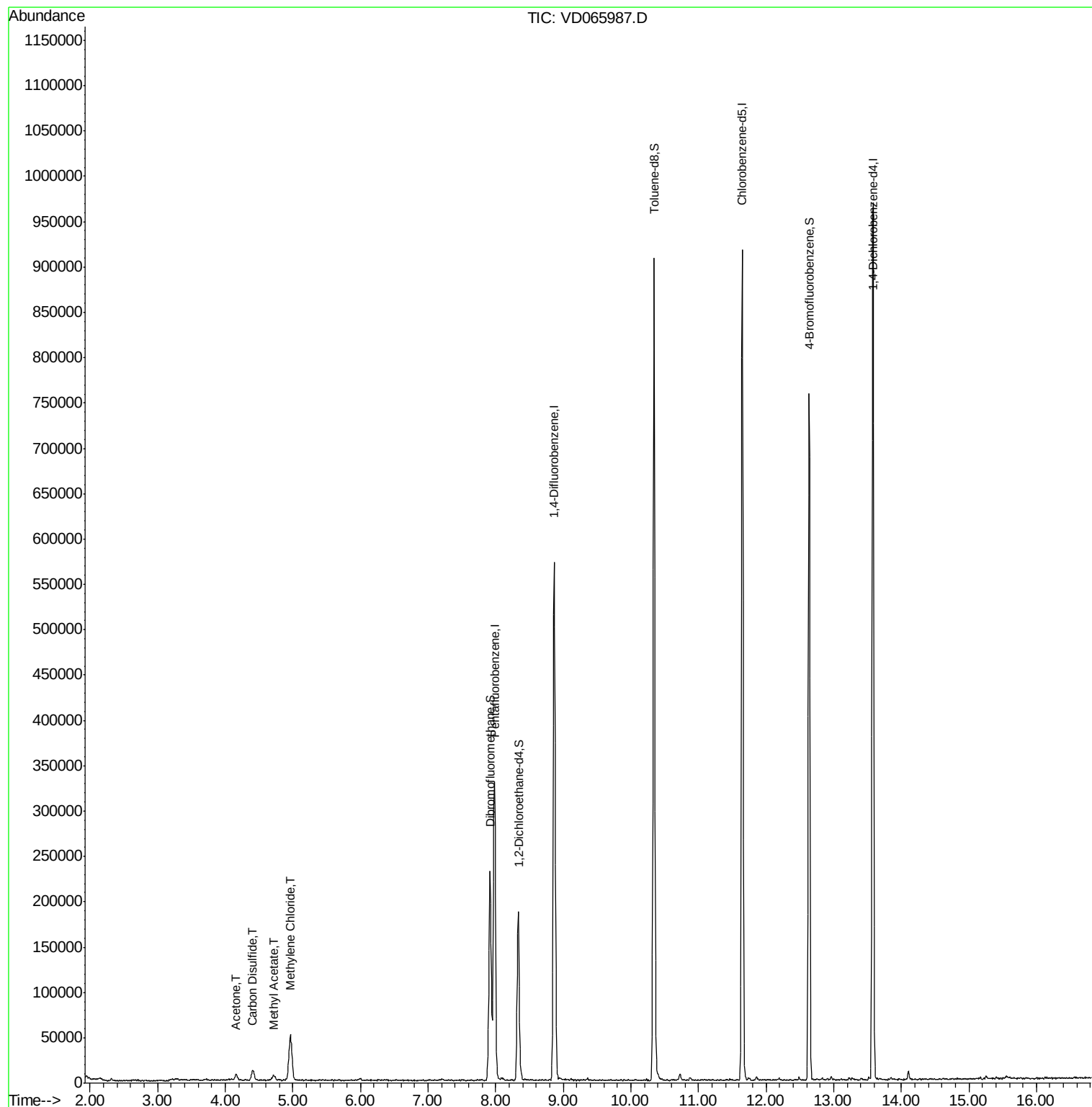
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	271888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	506539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	537786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	279945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	145794	65.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.80%	
35) Dibromofluoromethane	7.92	113	164976	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.40%	
50) Toluene-d8	10.34	98	622468	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
62) 4-Bromofluorobenzene	12.64	95	242896	61.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.42%	
Target Compounds						
16) Acetone	4.16	43	11519	25.723	ug/l	91
17) Carbon Disulfide	4.41	76	23938	3.283	ug/l	95
18) Methyl Acetate	4.71	43	11564	11.101	ug/l #	72
20) Methylene Chloride	4.96	84	40439	14.209	ug/l	89

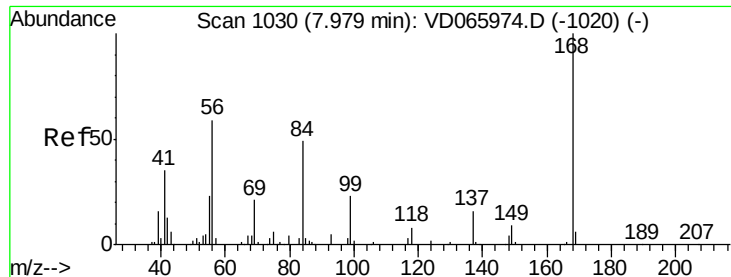
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065987.D

Acq: 21 Jul 2020 18:29

Instrument :

MSVOA_D

ClientSampleId :

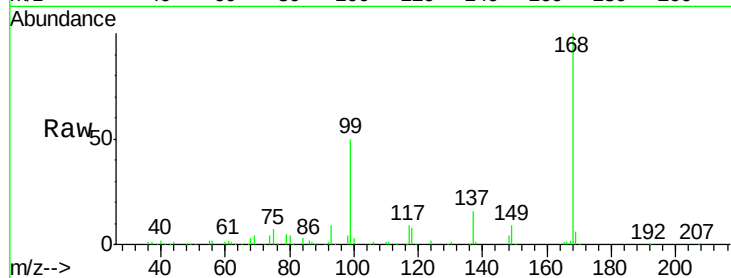
NB-08-071720

Tot Ion:168 Resp: 271888

Ion Ratio Lower Upper

168 100

99 49.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

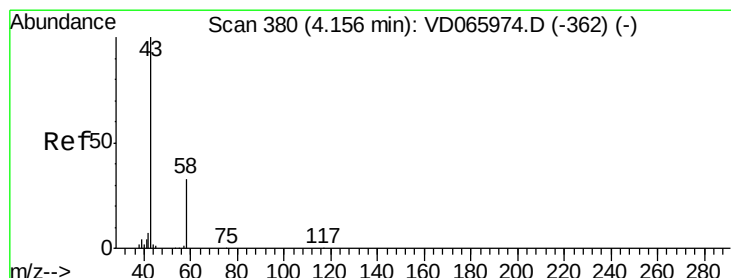
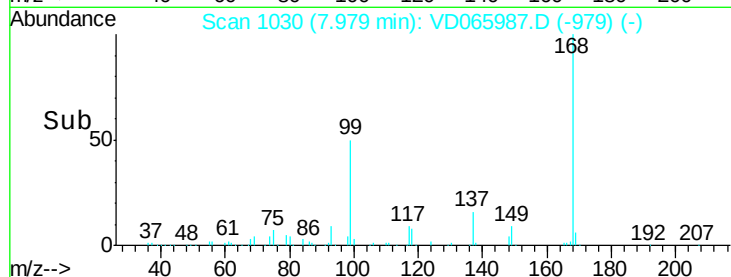
7.98

100000

50000

0

Time-->



#16

Acetone

Concen: 25.723 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065987.D

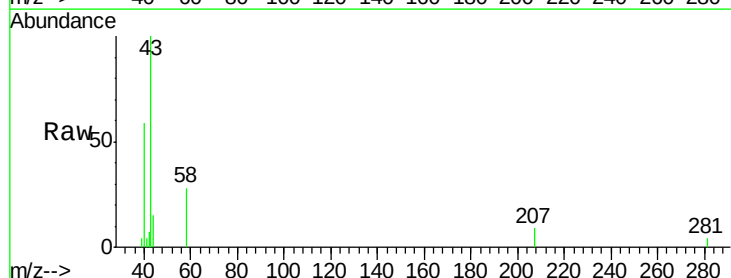
Acq: 21 Jul 2020 18:29

Tgt Ion: 43 Resp: 11519

Ion Ratio Lower Upper

43 100

58 28.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

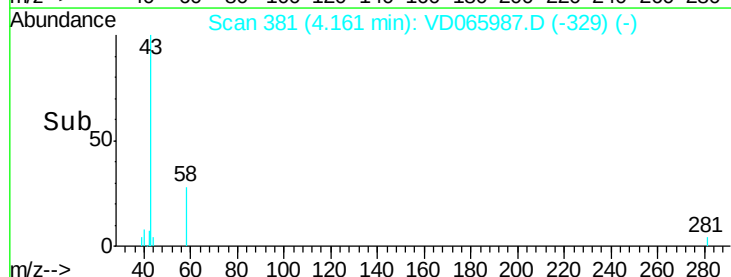
3000

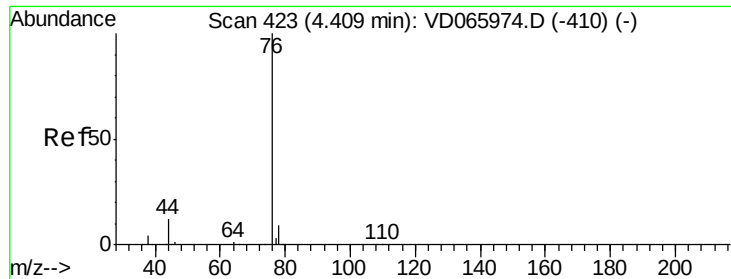
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 3.283 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065987.D

Acq: 21 Jul 2020 18:29

Instrument :

MSVOA_D

ClientSampleId :

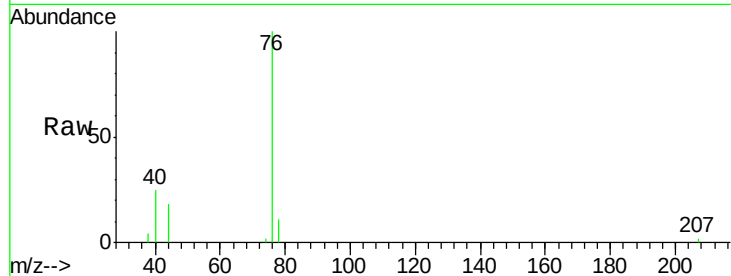
NB-08-071720

Tot Ion: 76 Resp: 23938

Ion Ratio Lower Upper

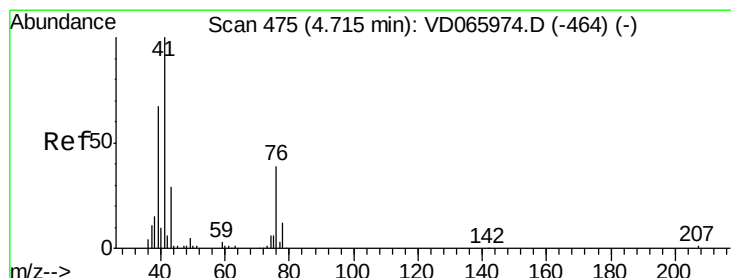
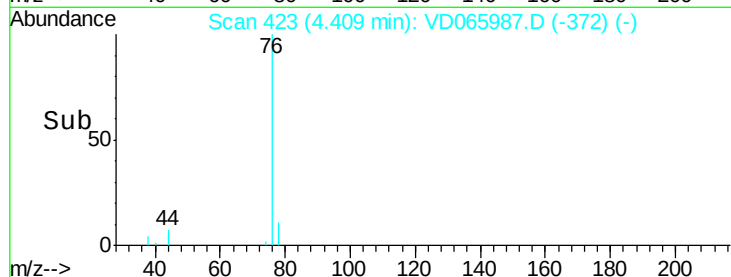
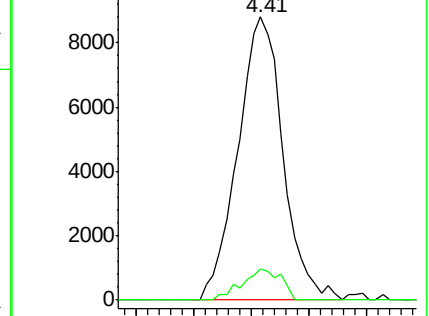
76 100

78 11.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 11.101 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065987.D

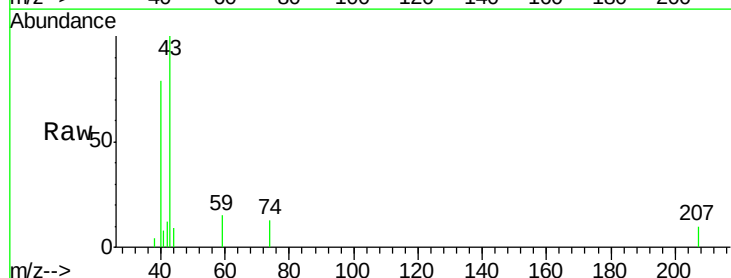
Acq: 21 Jul 2020 18:29

Tgt Ion: 43 Resp: 11564

Ion Ratio Lower Upper

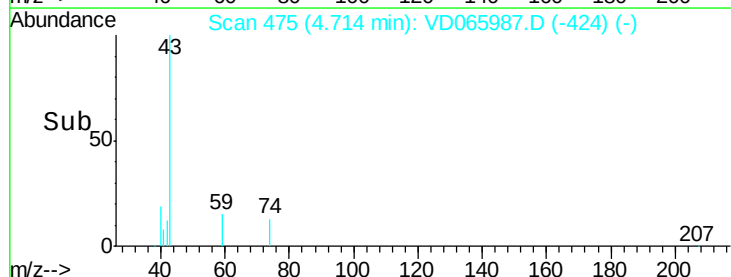
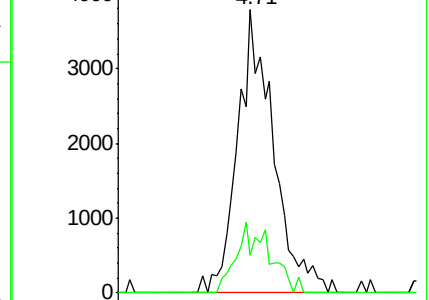
43 100

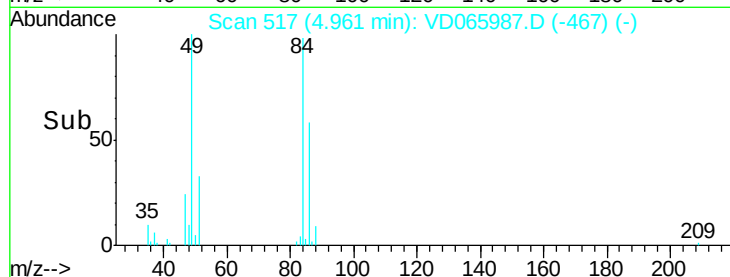
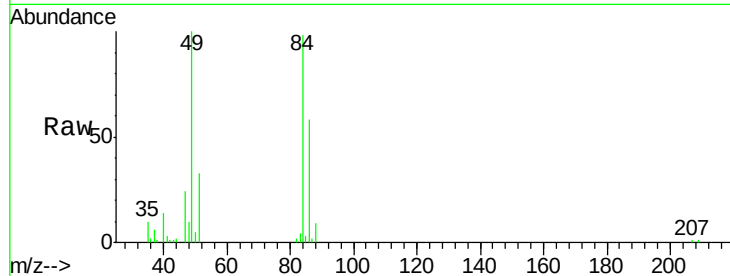
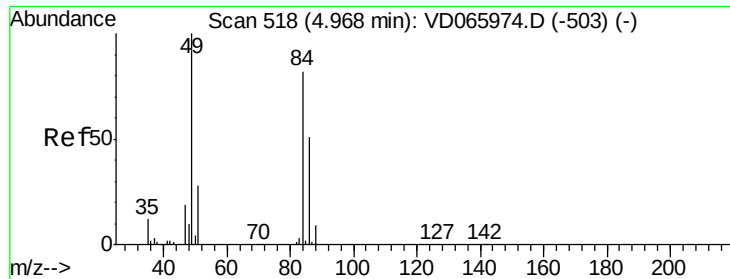
74 10.2 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

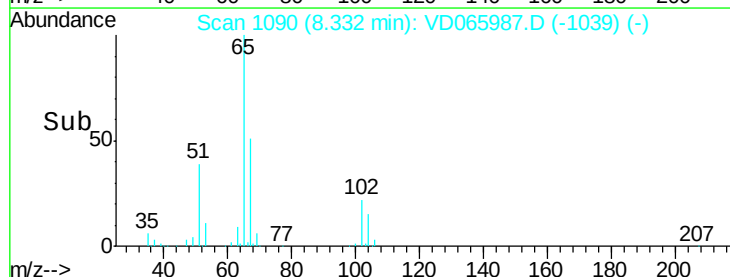
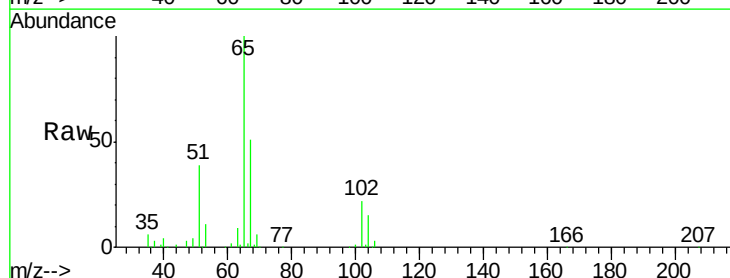
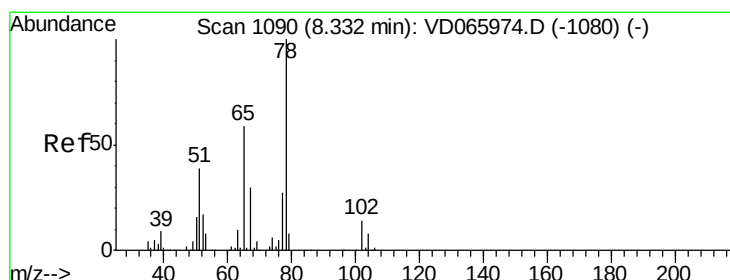
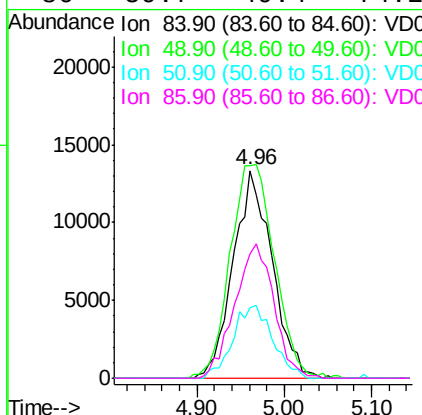




#20
Methylene Chloride
Concen: 14.209 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065987.D
Acq: 21 Jul 2020 18:29

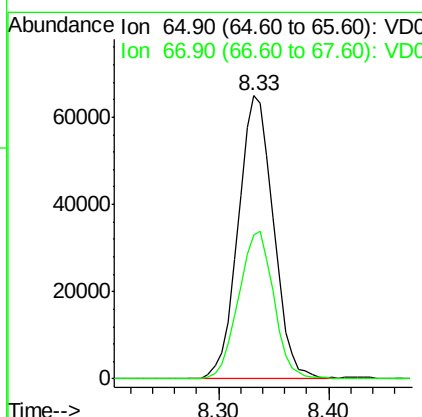
Instrument :
MSVOA_D
ClientSampleId :
NB-08-071720

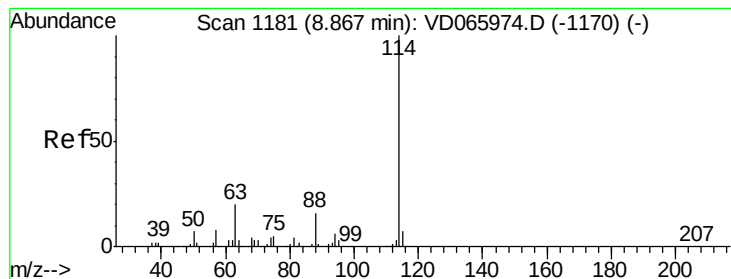
Tot Ion: 84 Resp: 40439
Ion Ratio Lower Upper
84 100
49 102.5 97.7 146.5
51 33.7 27.4 41.2
86 59.7 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 65.901 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD065987.D
Acq: 21 Jul 2020 18:29

Tgt Ion: 65 Resp: 145794
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065987.D

Acq: 21 Jul 2020 18:29

Instrument :

MSVOA_D

ClientSampleId :

NB-08-071720

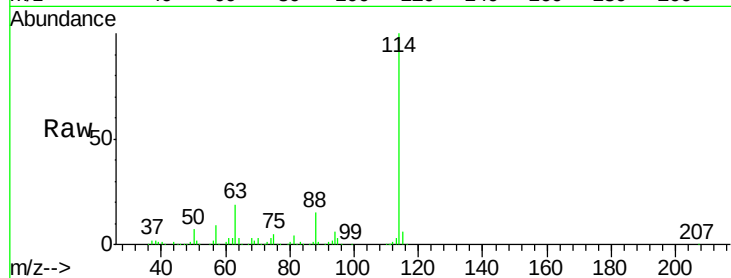
Tot Ion:114 Resp: 506539

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

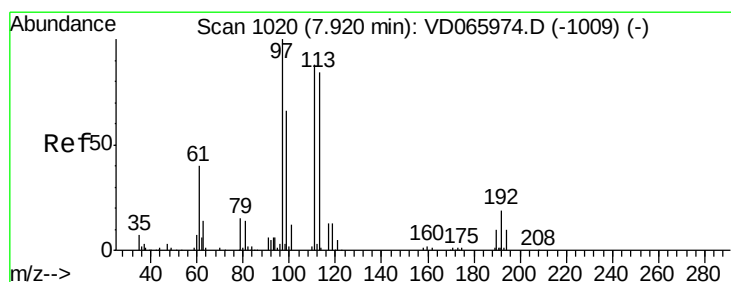
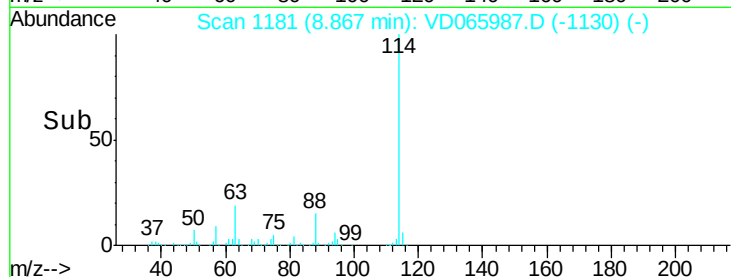
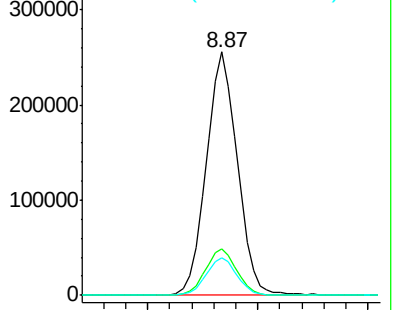
88 15.2 0.0 31.2



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: 53.698 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065987.D

Acq: 21 Jul 2020 18:29

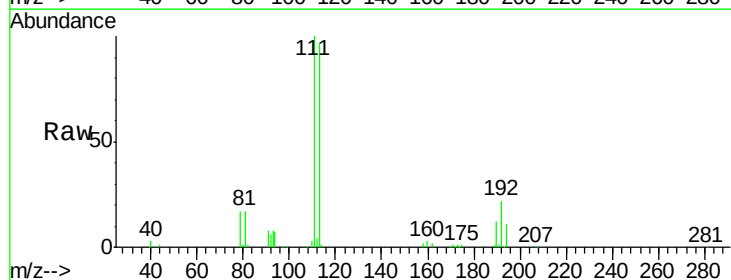
Tgt Ion:113 Resp: 164976

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

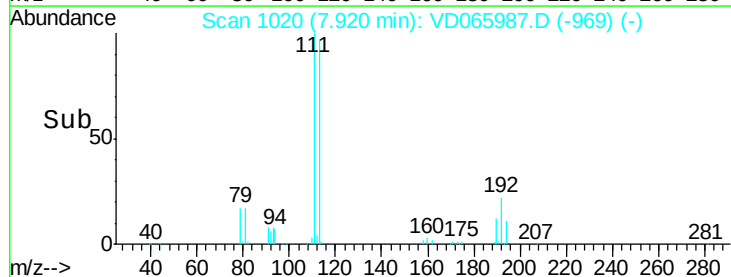
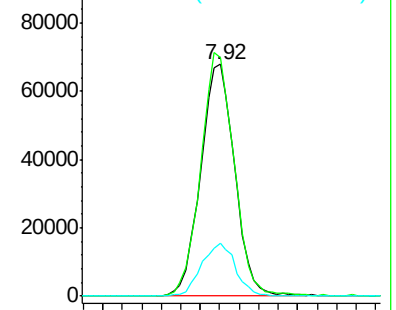
192 22.7 18.7 28.1

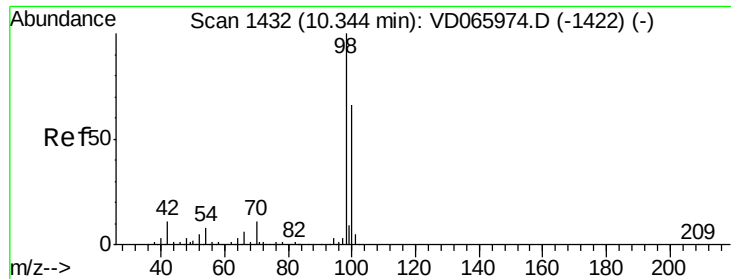


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

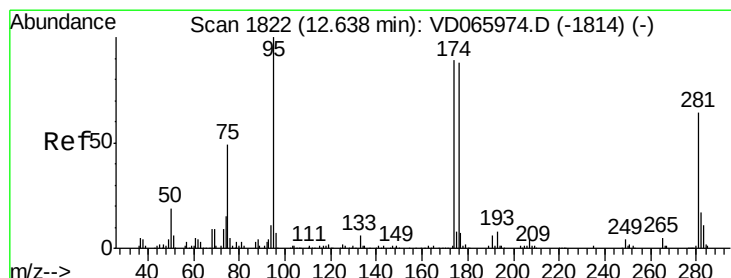
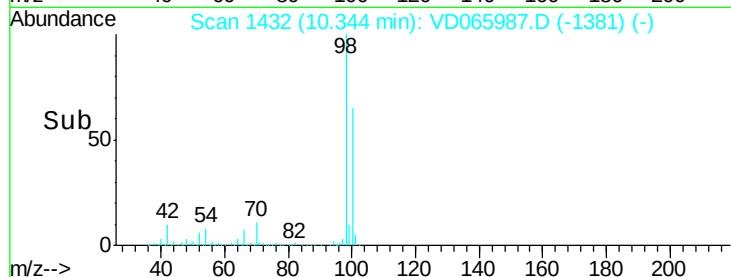
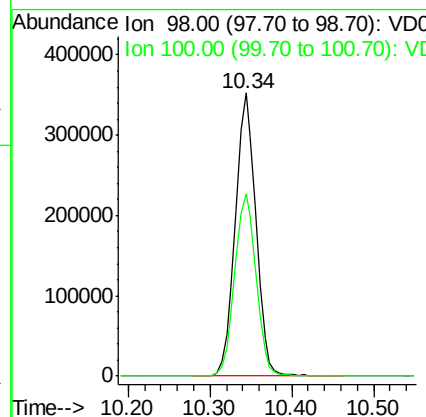
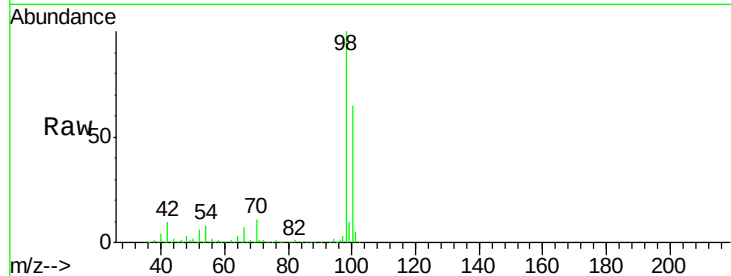




#50
Toluene-d8
Concen: 54.387 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065987.D
Acq: 21 Jul 2020 18:29

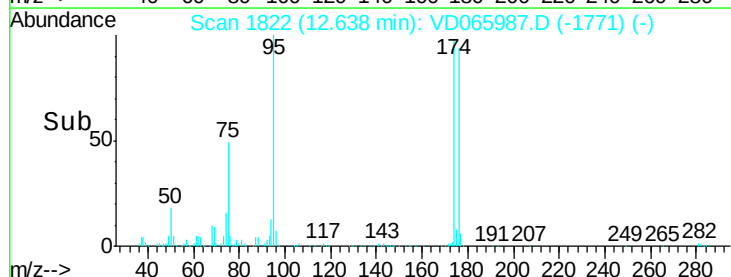
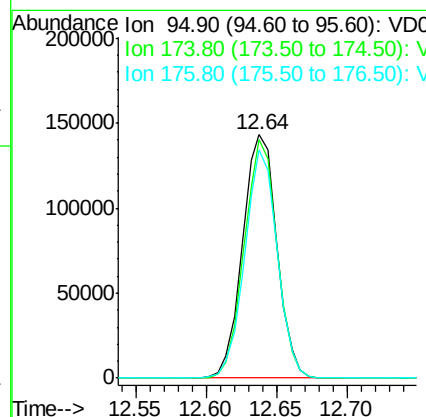
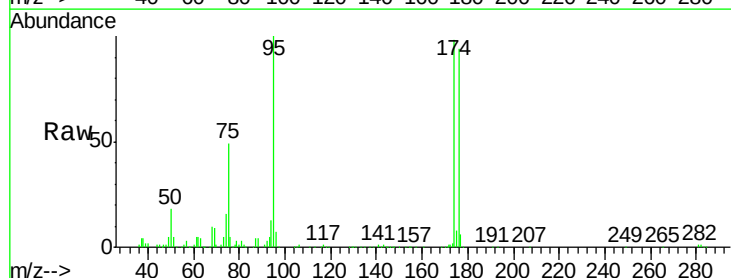
Instrument :
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NB-08-071720

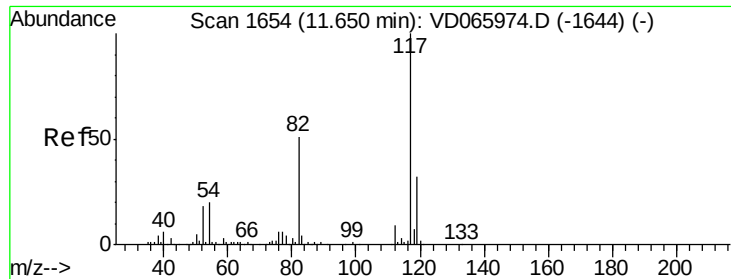
Tot Ion: 98 Resp: 622468
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 61.206 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065987.D
Acq: 21 Jul 2020 18:29

Tgt Ion: 95 Resp: 242896
Ion Ratio Lower Upper
95 100
174 93.9 0.0 178.8
176 89.0 0.0 172.6

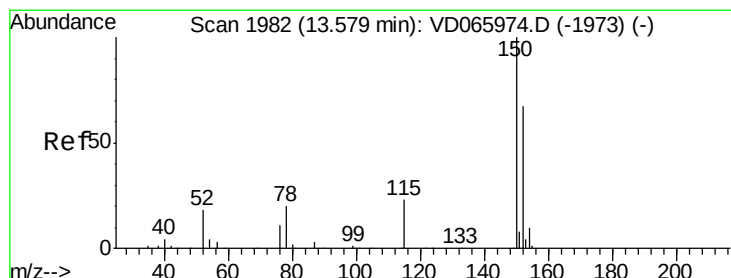
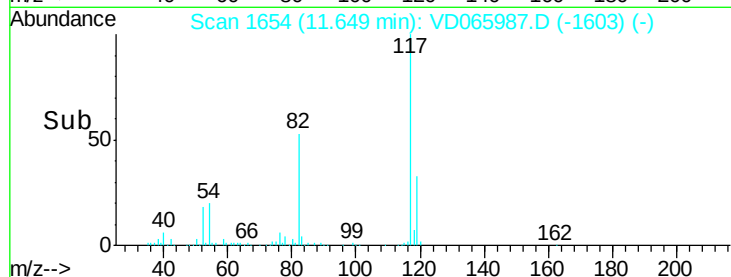
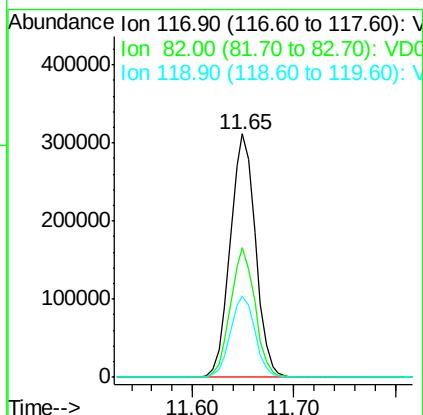
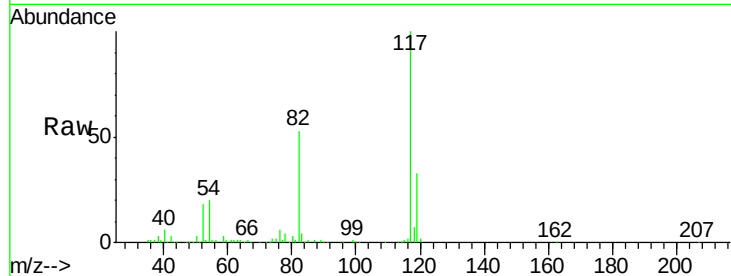




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065987.D
Acq: 21 Jul 2020 18:29

Instrument :
MSVOA_D
ClientSampleId :
NB-08-071720

Tot Ion:117 Resp: 537786
Ion Ratio Lower Upper
117 100
82 53.5 41.1 61.7
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD065987.D
Acq: 21 Jul 2020 18:29

Tgt Ion:152 Resp: 279945
Ion Ratio Lower Upper
152 100
115 55.1 27.9 83.7
150 157.3 0.0 348.2

