

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072120\
 Data File : VD065990.D
 Acq On : 21 Jul 2020 19:51
 Operator : VA/SY
 Sample : L3323-02
 Misc : 5.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 221

Quant Time: Jul 22 02:26:07 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

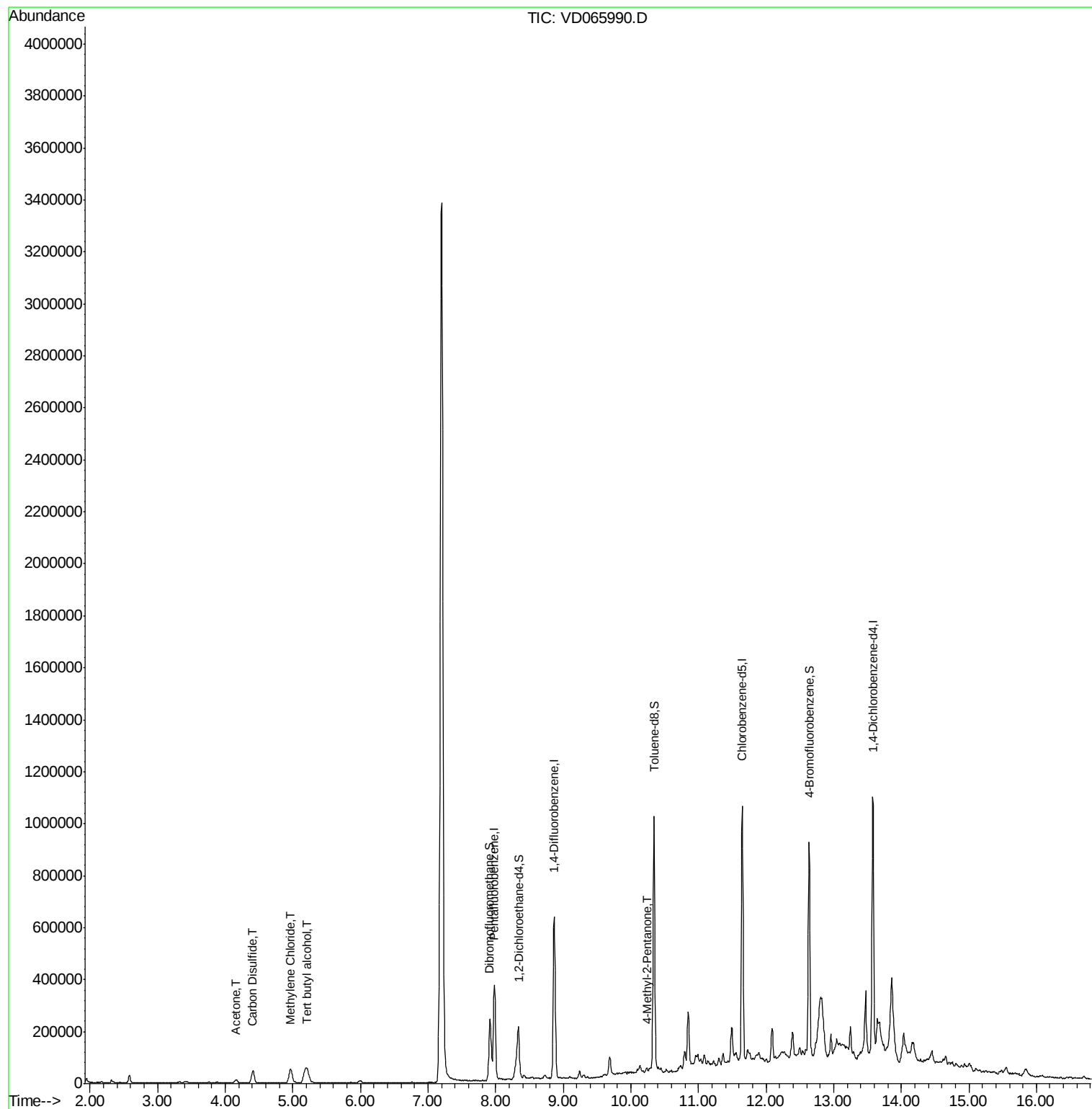
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	298218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	562188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	577997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	288490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	148671	61.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.54%	
35) Dibromofluoromethane	7.91	113	172036	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	10.34	98	677509	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.64	95	269867	61.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.54%	
Target Compounds						
11) Tert butyl alcohol	5.21	59	105899	747.682	ug/l	97
16) Acetone	4.16	43	20427	41.588	ug/l	98
17) Carbon Disulfide	4.41	76	101167	12.649	ug/l	96
20) Methylene Chloride	4.96	84	41525	13.102	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	12507	6.936	ug/l	100

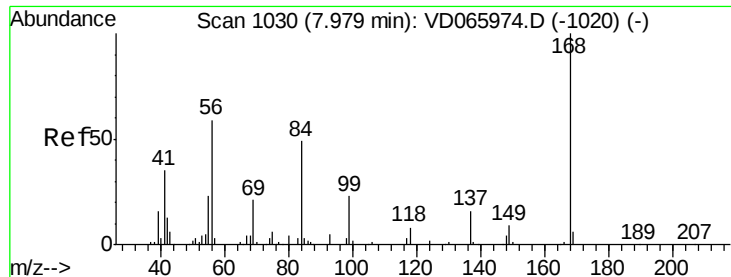
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072120\
Data File : VD065990.D
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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: VD065990.D

Acq: 21 Jul 2020 19:51

Instrument :

MSVOA_D

ClientSampleId :

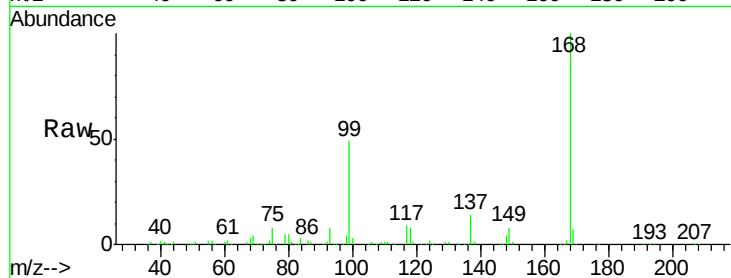
221

Tot Ion:168 Resp: 298218

Ion Ratio Lower Upper

168 100

99 48.8 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

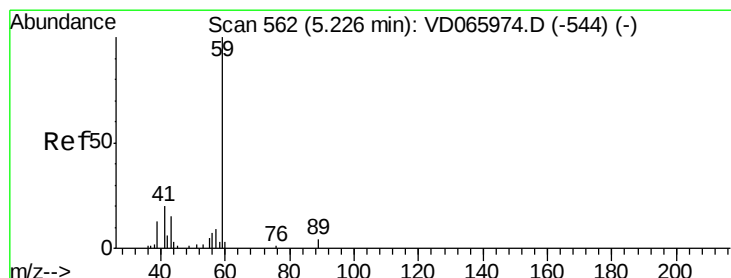
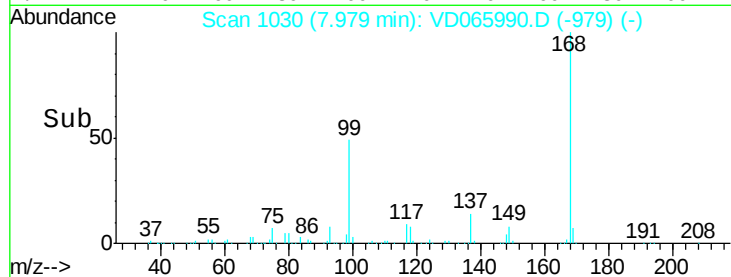
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 747.682 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD065990.D

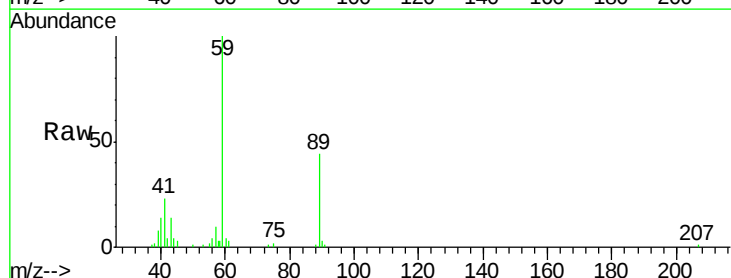
Acq: 21 Jul 2020 19:51

Tgt Ion: 59 Resp: 105899

Ion Ratio Lower Upper

59 100

57 4.5 4.5 6.7



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.21

25000

20000

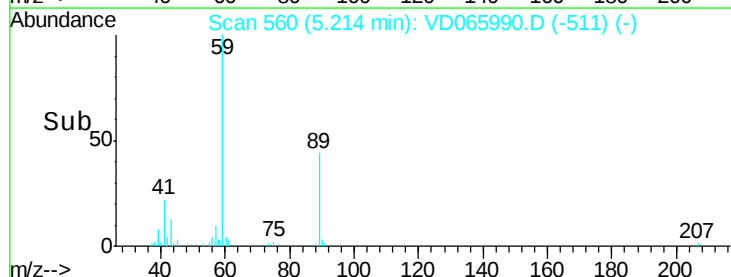
15000

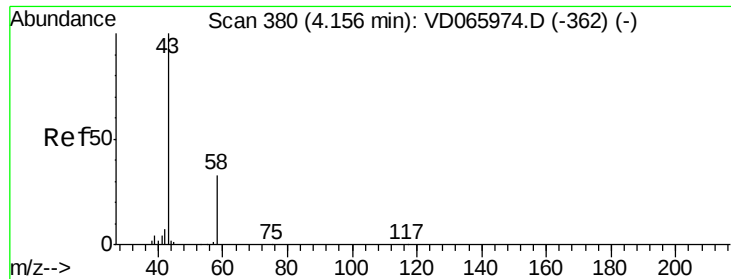
10000

5000

0

Time-->

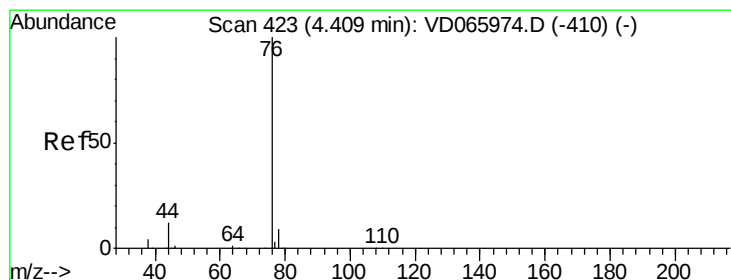
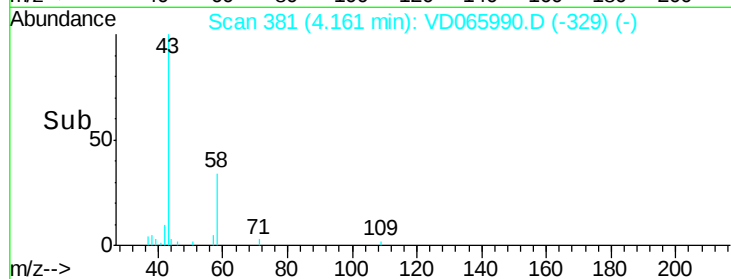
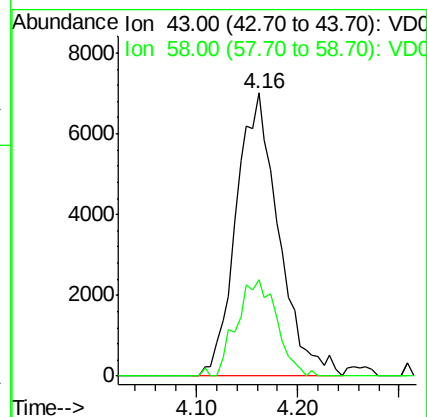
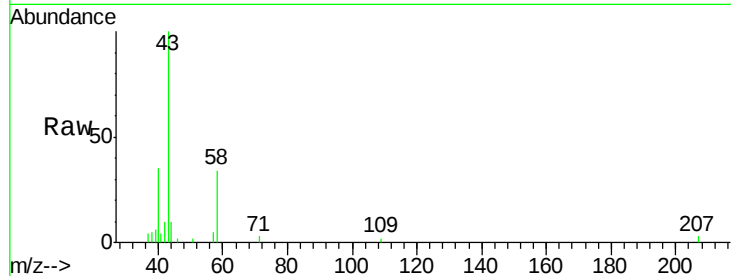




#16
Acetone
Concen: 41.588 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD065990.D
Acq: 21 Jul 2020 19:51

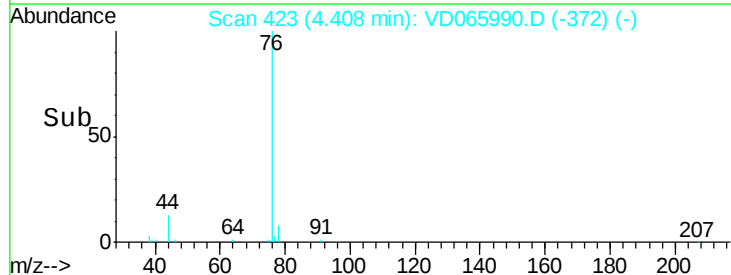
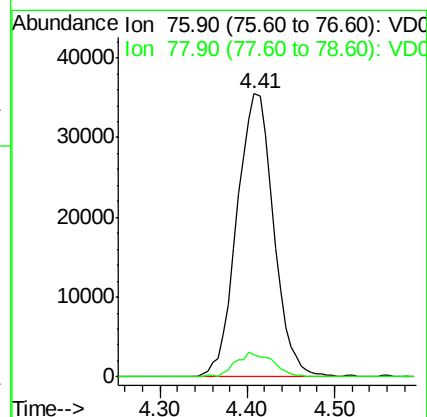
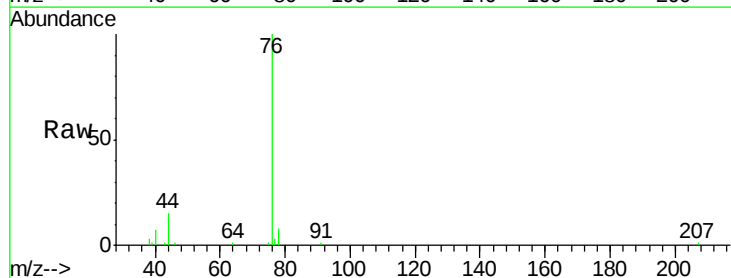
Instrument :
MSVOA_D
ClientSampleId :
221

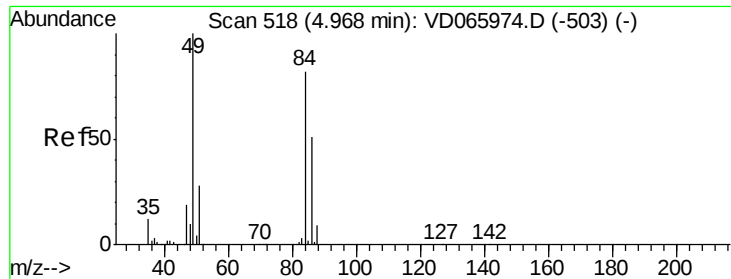
Tot Ion: 43 Resp: 20427
Ion Ratio Lower Upper
43 100
58 34.3 26.3 39.5



#17
Carbon Disulfide
Concen: 12.649 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD065990.D
Acq: 21 Jul 2020 19:51

Tgt Ion: 76 Resp: 101167
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.2





#20

Methylene Chloride

Concen: 13.102 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD065990.D

Acq: 21 Jul 2020 19:51

Instrument :

MSVOA_D

ClientSampleId :

221

Tot Ion: 84 Resp: 41525

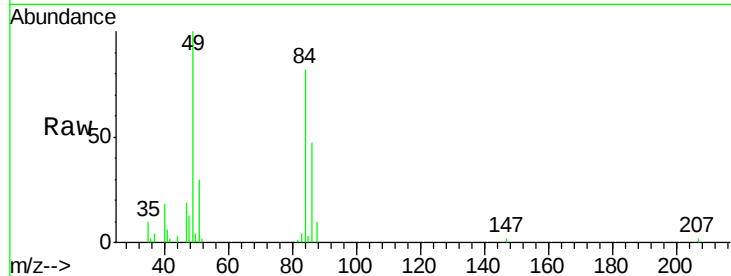
Ion Ratio Lower Upper

84 100

49 121.3 97.7 146.5

51 36.2 27.4 41.2

86 56.6 49.4 74.2

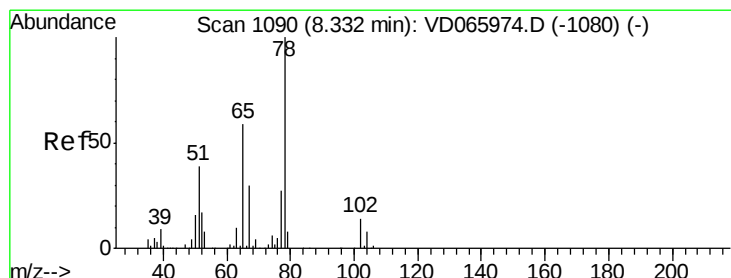
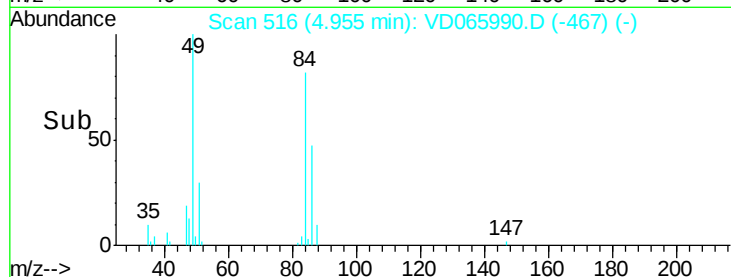
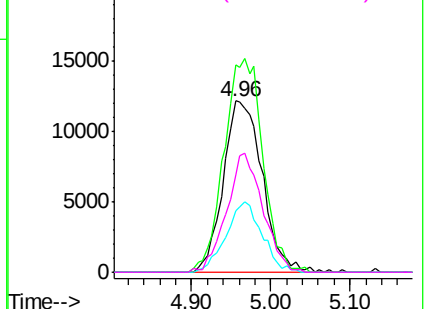


Abundance Ion 83.90 (83.60 to 84.60): VDC

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



#33

1,2-Dichloroethane-d4

Concen: 61.268 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD065990.D

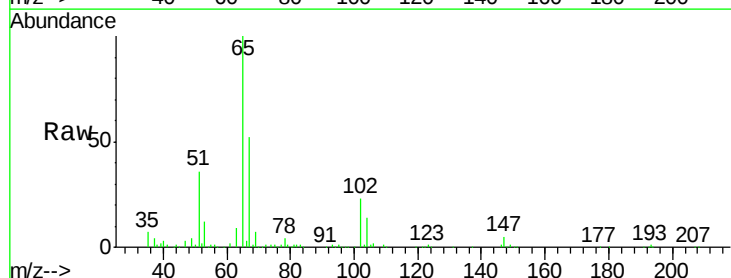
Acq: 21 Jul 2020 19:51

Tgt Ion: 65 Resp: 148671

Ion Ratio Lower Upper

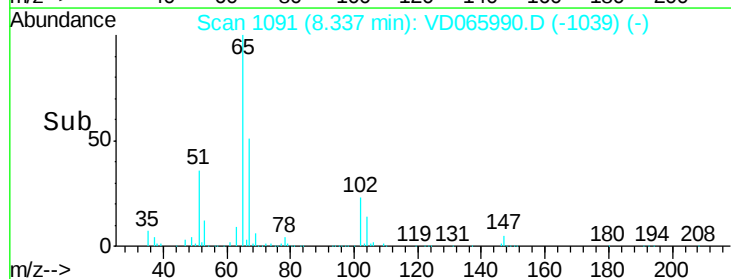
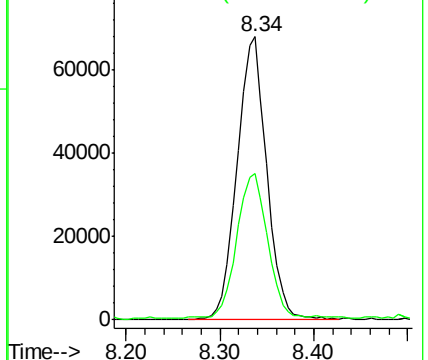
65 100

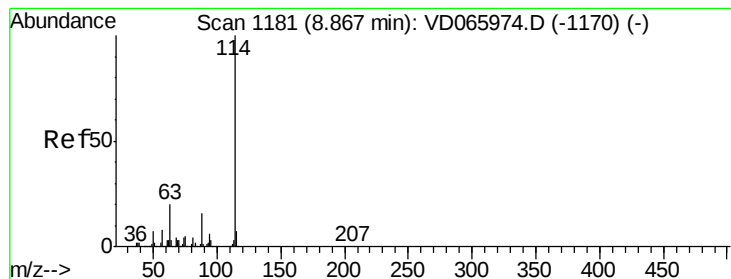
67 53.4 0.0 105.0



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: VD065990.D

Acq: 21 Jul 2020 19:51

Instrument :

MSVOA_D

ClientSampleId :

221

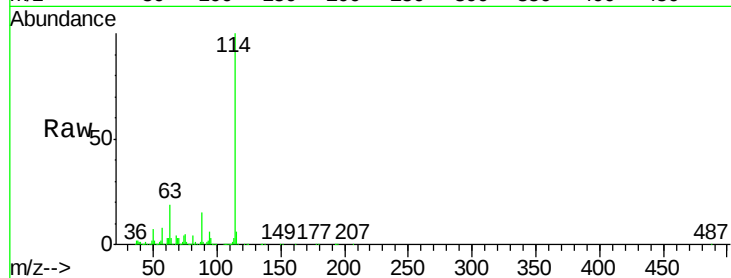
Tot Ion:114 Resp: 562188

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

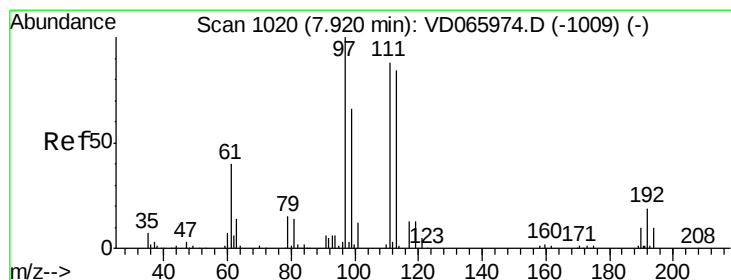
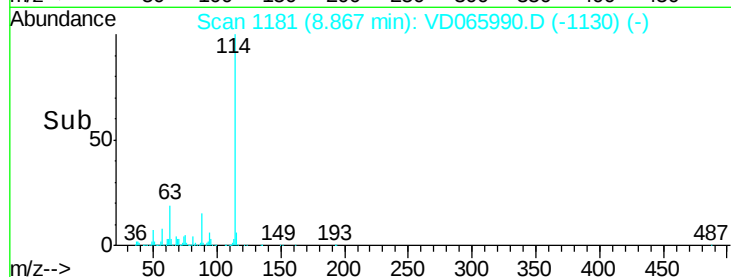
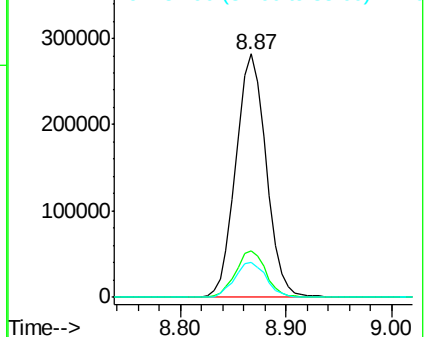
88 14.5 0.0 31.2



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: 50.453 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065990.D

Acq: 21 Jul 2020 19:51

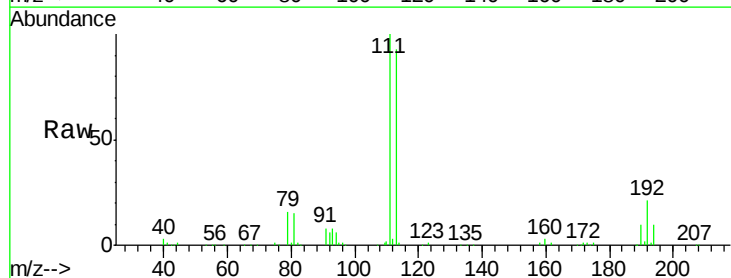
Tgt Ion:113 Resp: 172036

Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

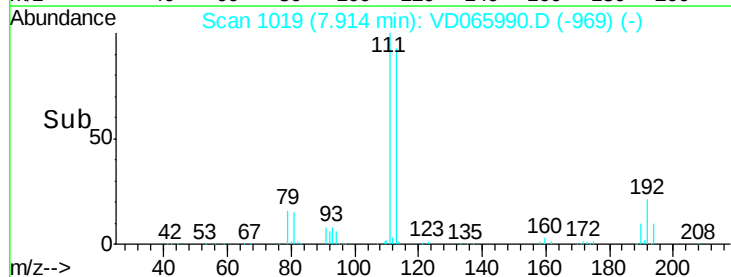
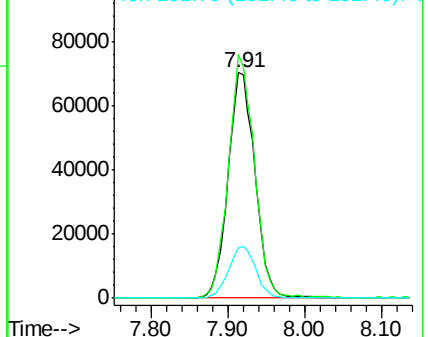
192 23.0 18.7 28.1

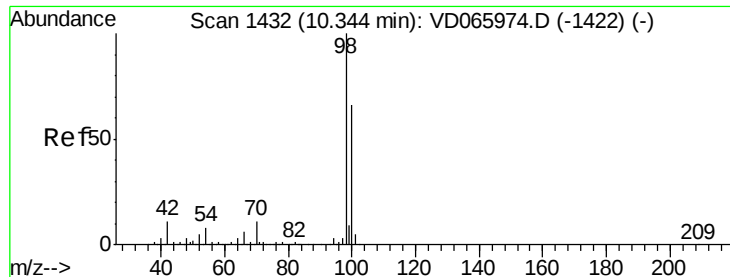


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

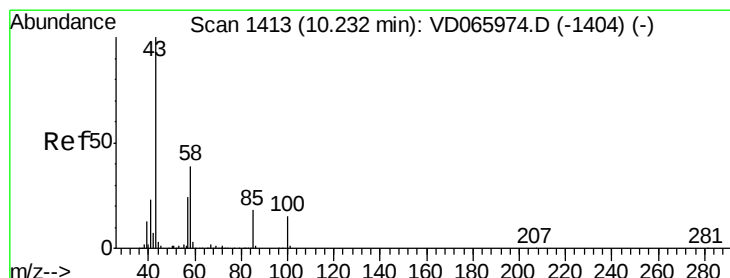
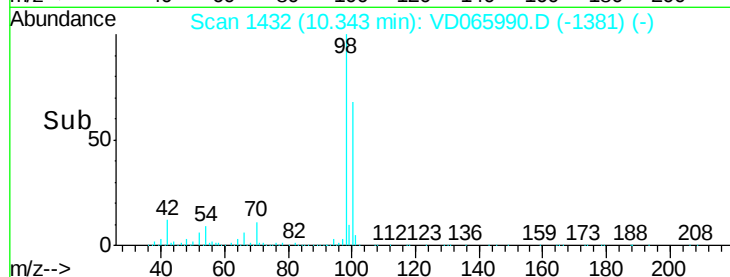
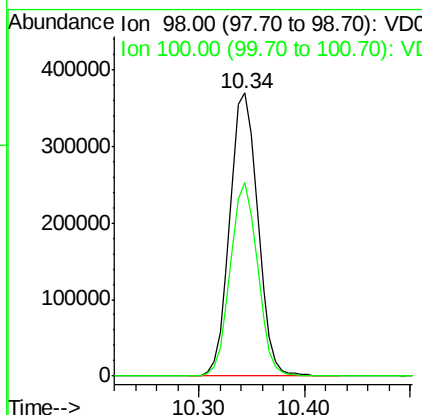
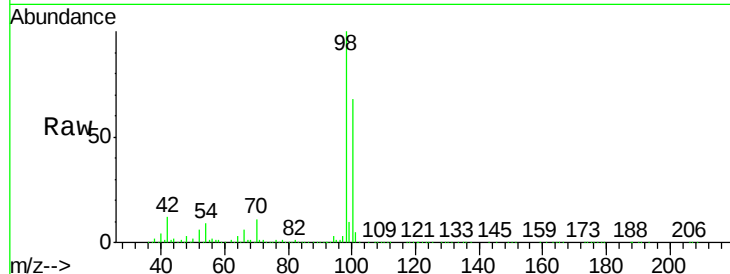




#50
Toluene-d8
Concen: 53.336 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065990.D
Acq: 21 Jul 2020 19:51

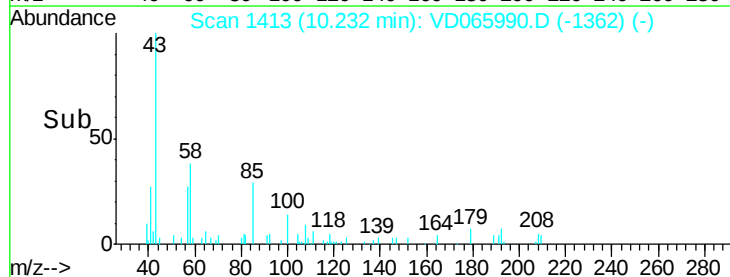
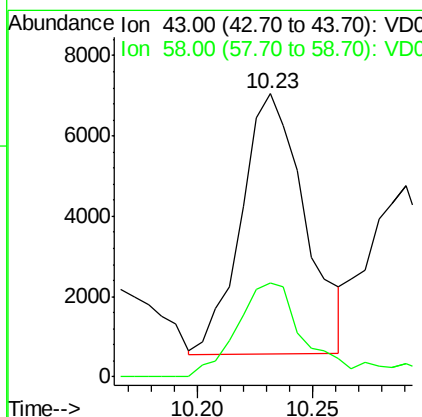
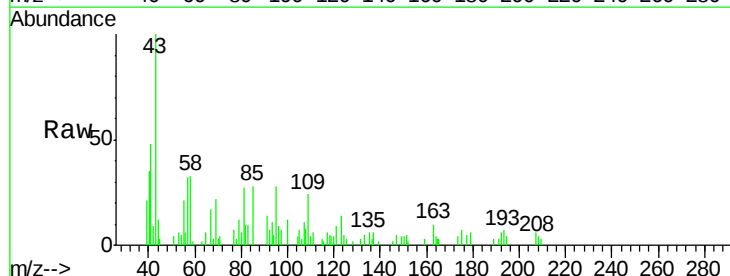
Instrument :
MSVOA_D
ClientSampleId :
221

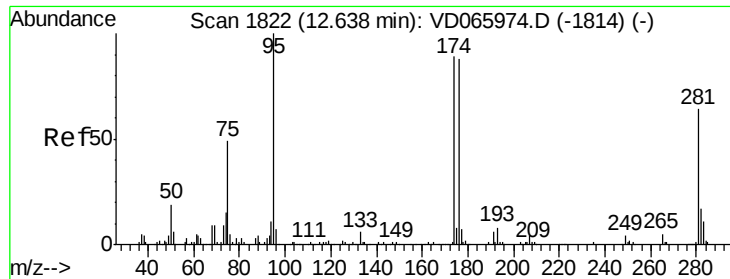
Tot Ion: 98 Resp: 677509
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 6.936 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065990.D
Acq: 21 Jul 2020 19:51

Tgt Ion: 43 Resp: 12507
Ion Ratio Lower Upper
43 100
58 39.3 31.3 46.9

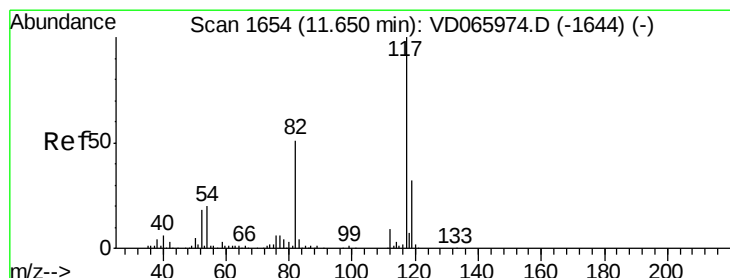
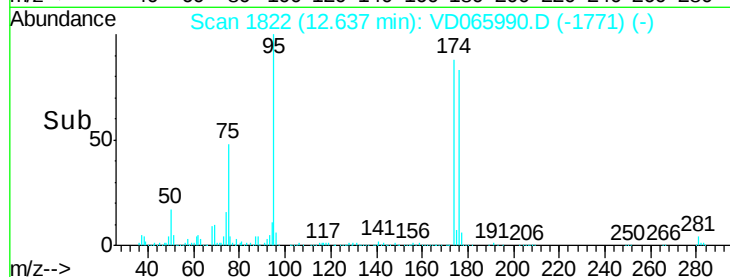
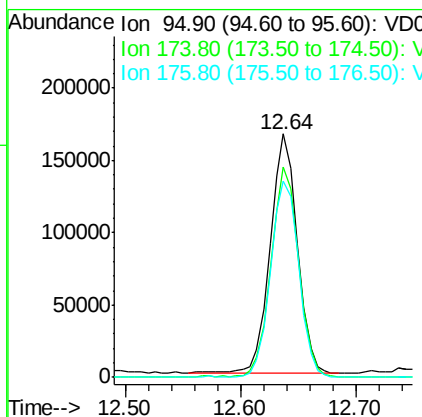
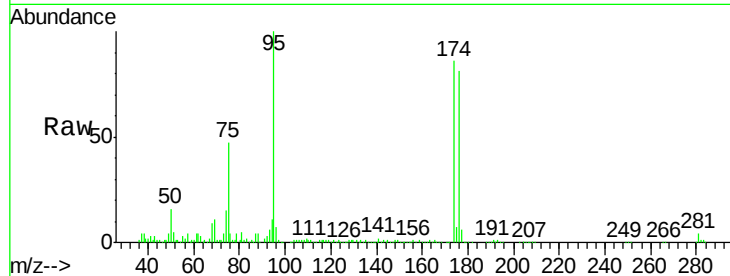




#62
4-Bromofluorobenzene
Concen: 61.271 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065990.D
Acq: 21 Jul 2020 19:51

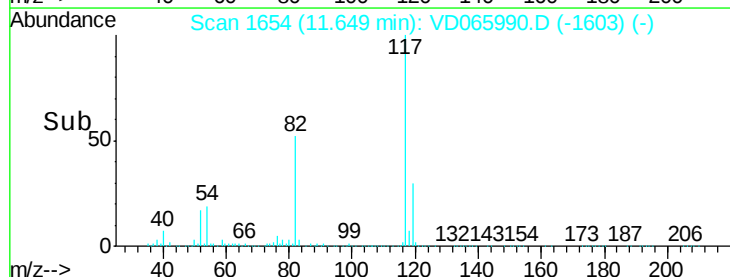
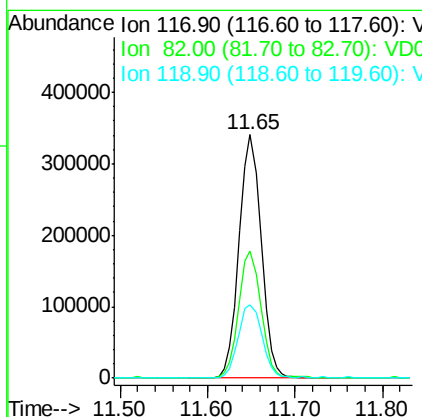
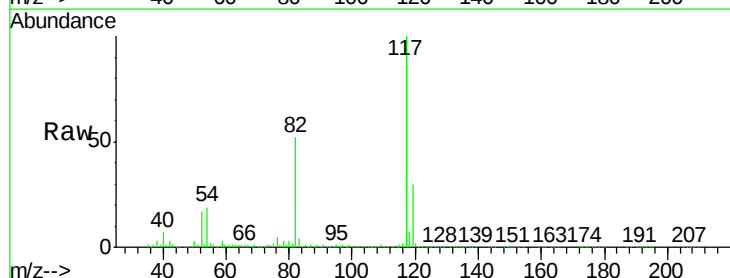
Instrument :
MSVOA_D
ClientSampleId :
221

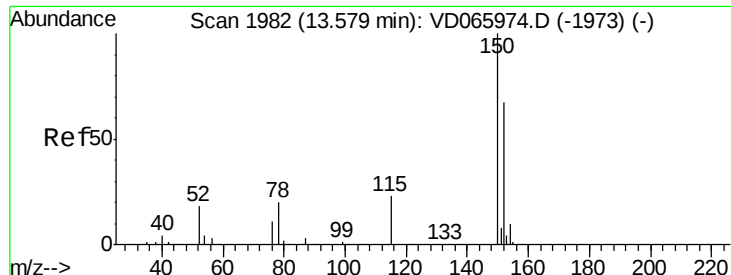
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	178.8
176	85.5	0.0	172.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065990.D
Acq: 21 Jul 2020 19:51

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.1	61.7
119	30.0	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: VD065990.D

Acq: 21 Jul 2020 19:51

Instrument :

MSVOA_D

ClientSampleId :

221

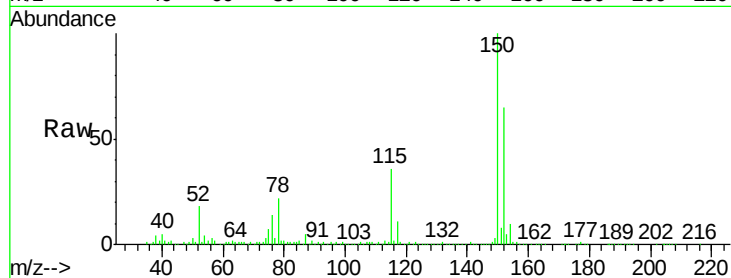
Tot Ion:152 Resp: 288490

Ion Ratio Lower Upper

152 100

115 55.5 27.9 83.7

150 155.1 0.0 348.2



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

