

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067690.D
 Acq On : 18 Nov 2020 17:13
 Operator : VA/SY
 Sample : L4797-01
 Misc : 5.48G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-2-5-WC

Quant Time: Nov 19 01:08:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

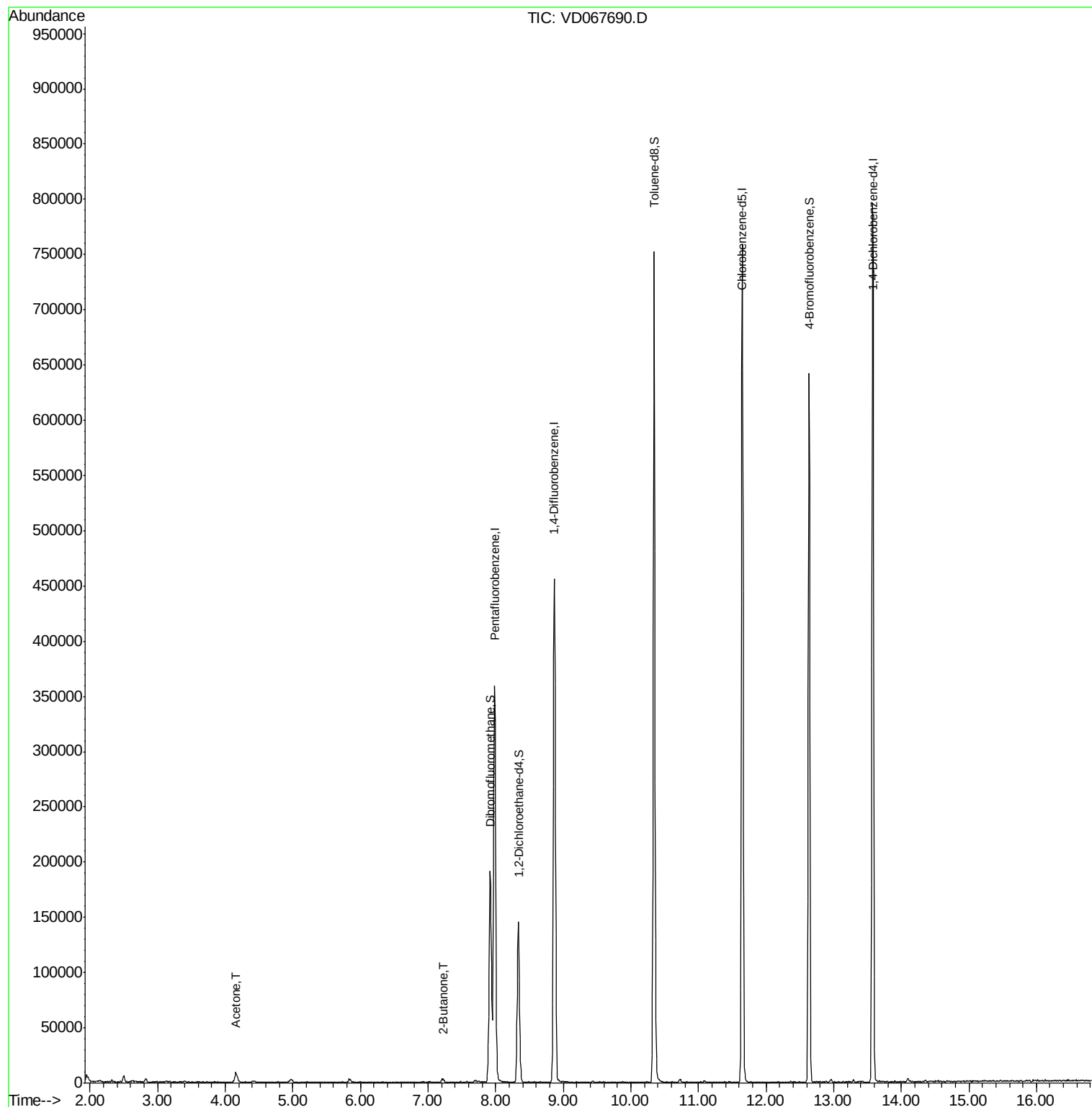
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	272050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	421296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	449667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	223521	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	130731	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
35) Dibromofluoromethane	7.93	113	132442	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
50) Toluene-d8	10.34	98	499924	56.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.08%	
62) 4-Bromofluorobenzene	12.64	95	198502	64.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.92%	
Target Compounds						
16) Acetone	4.16	43	15536	43.644	ug/l	95
25) 2-Butanone	7.22	43	4943	12.995	ug/l #	83

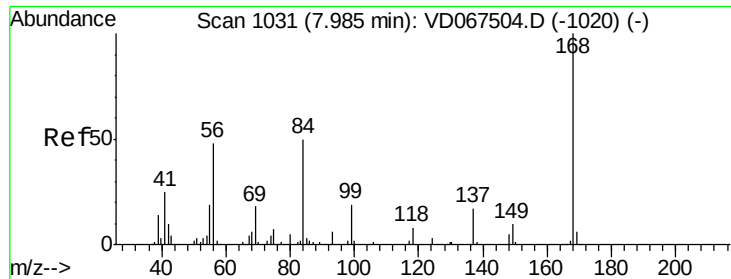
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067690.D

Acq: 18 Nov 2020 17:13

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MSVOA_D

ClientSampleId :

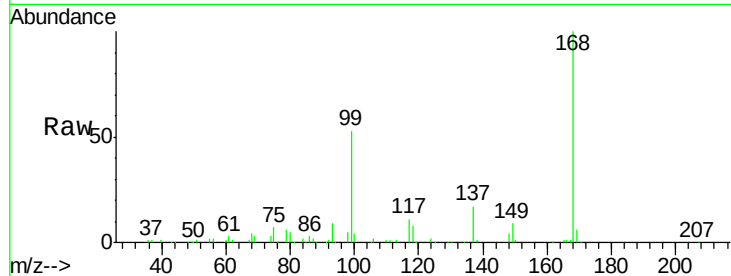
R-LA-2-5-WC

Tot Ion:168 Resp: 272050

Ion Ratio Lower Upper

168 100

99 52.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

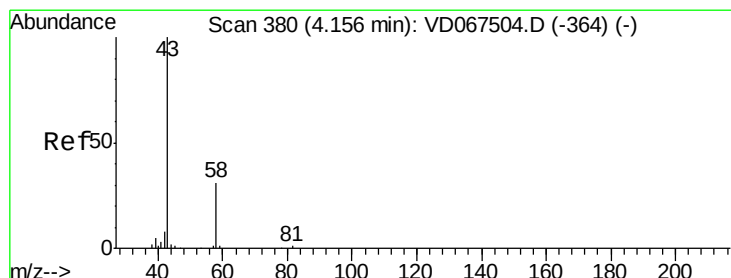
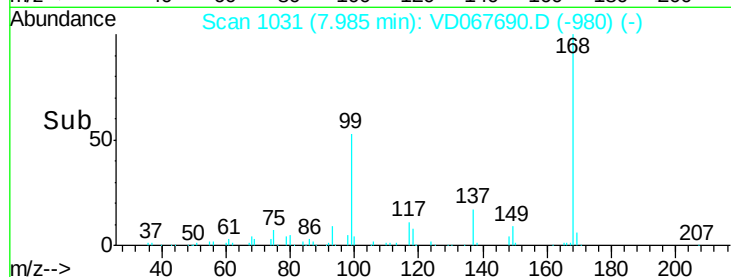
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 43.644 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD067690.D

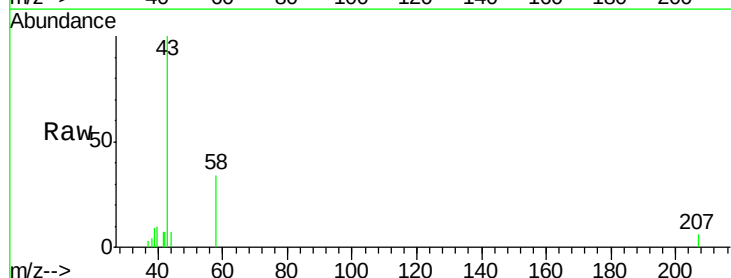
Acq: 18 Nov 2020 17:13

Tgt Ion: 43 Resp: 15536

Ion Ratio Lower Upper

43 100

58 34.5 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

6000

5000

4000

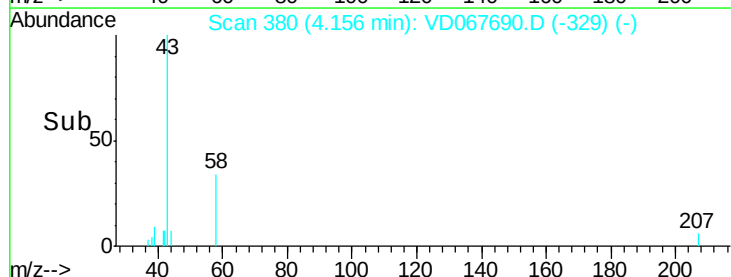
3000

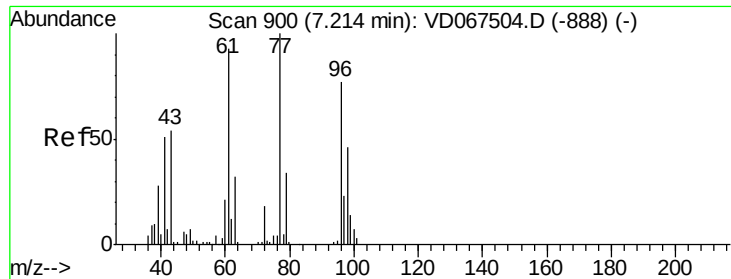
2000

1000

0

Time-->





#25

2-Butanone

Concen: 12.995 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067690.D

Acq: 18 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampleId :

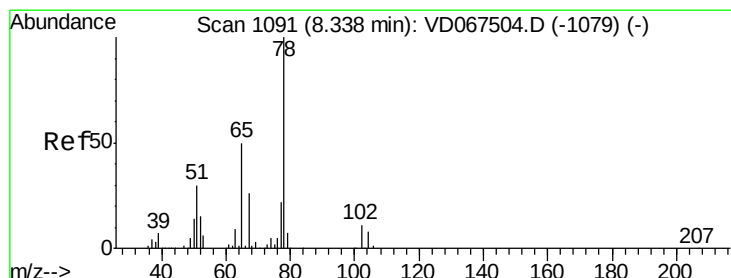
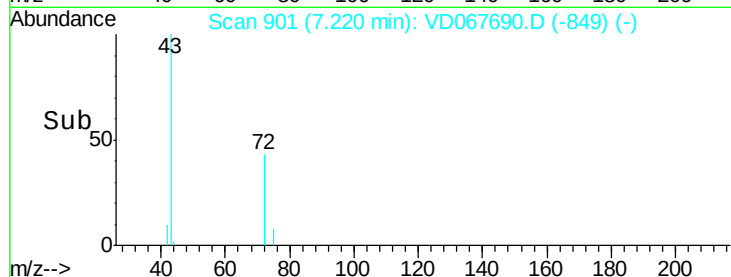
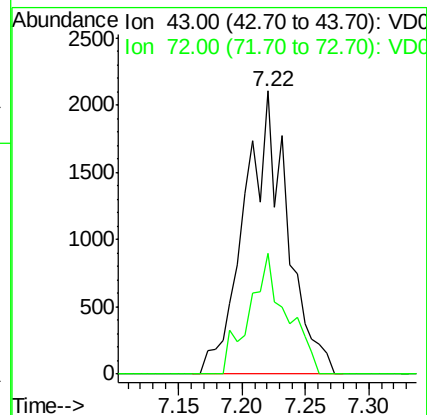
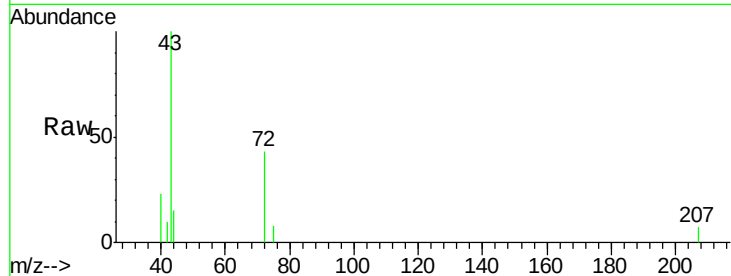
R-LA-2-5-WC

Tot Ion: 43 Resp: 4943

Ion Ratio Lower Upper

43 100

72 42.6 26.4 39.6#



#33

1,2-Dichloroethane-d4

Concen: 54.957 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067690.D

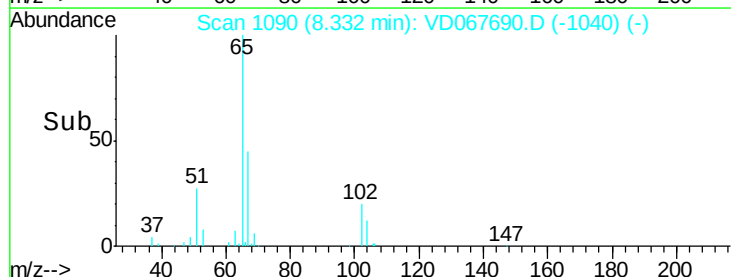
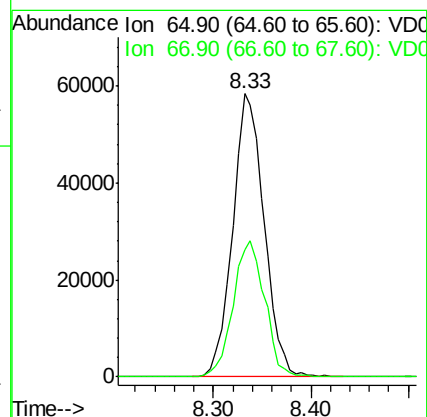
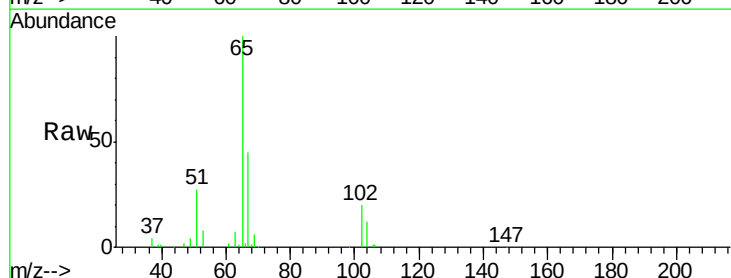
Acq: 18 Nov 2020 17:13

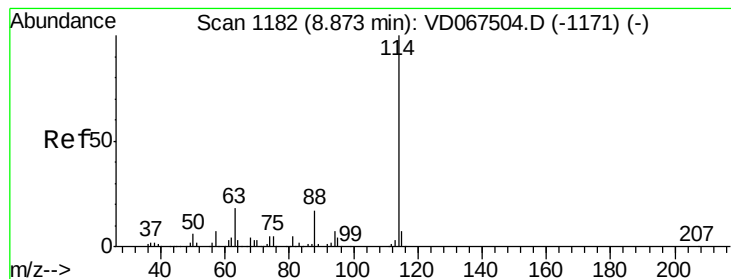
Tgt Ion: 65 Resp: 130731

Ion Ratio Lower Upper

65 100

67 48.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067690.D

Acq: 18 Nov 2020 17:13

Instrument :

MSVOA_D

ClientSampleId :

R-LA-2-5-WC

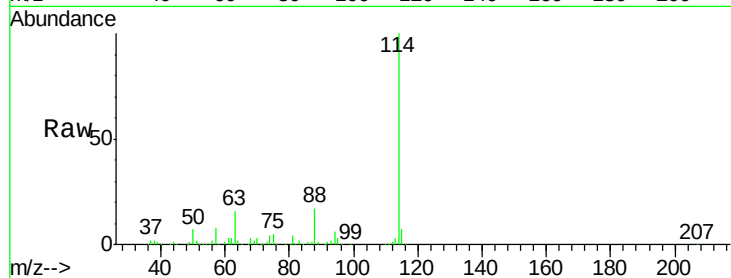
Tot Ion:114 Resp: 421296

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

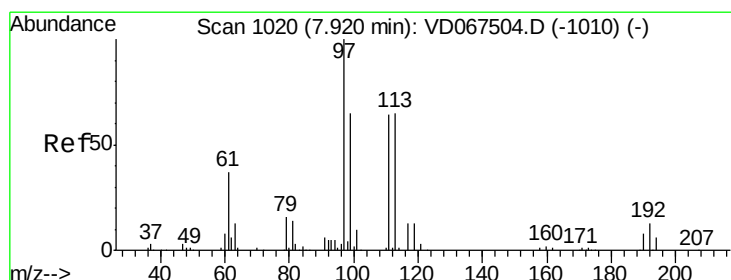
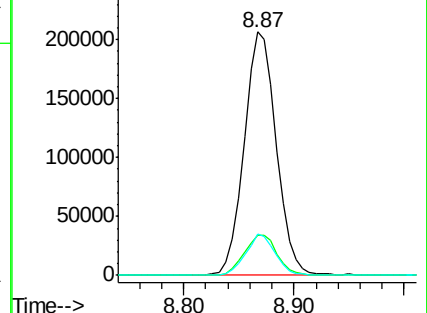
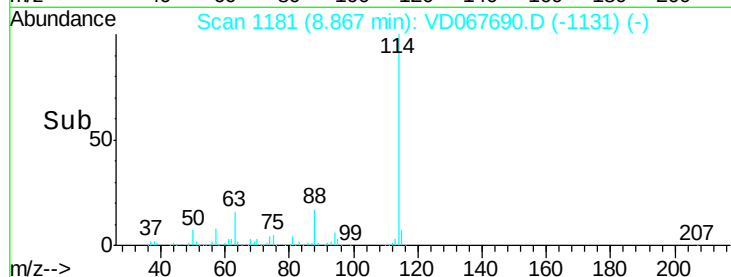
88 16.8 0.0 33.0



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: 52.178 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD067690.D

Acq: 18 Nov 2020 17:13

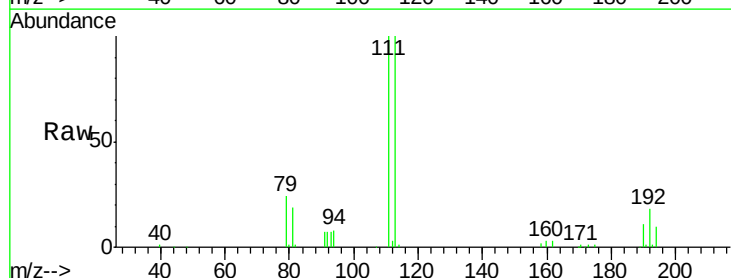
Tgt Ion:113 Resp: 132442

Ion Ratio Lower Upper

113 100

111 102.5 80.0 120.0

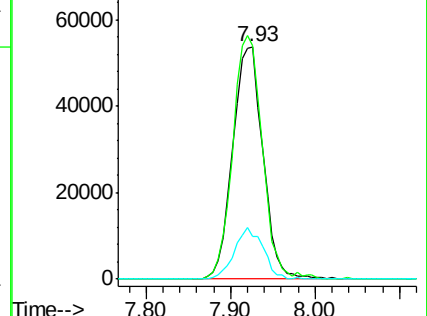
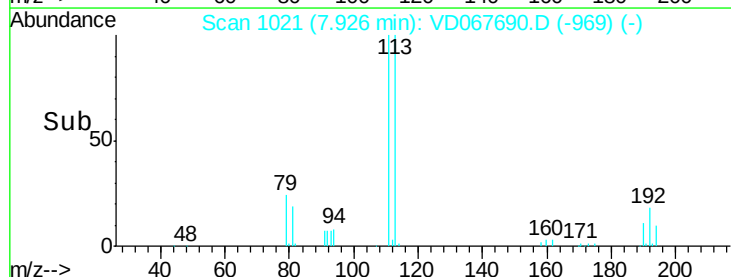
192 20.8 16.3 24.5

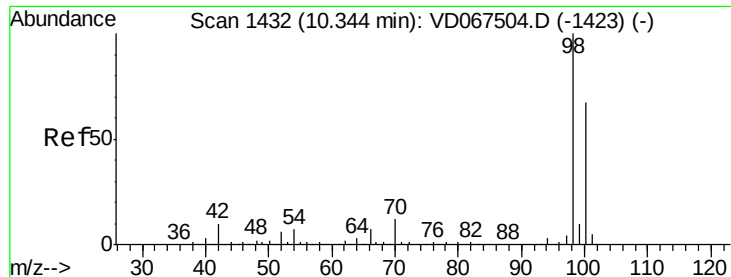


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

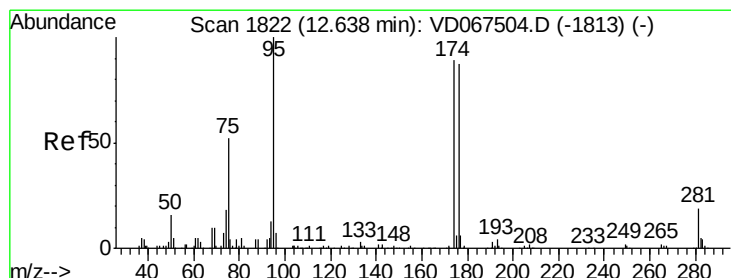
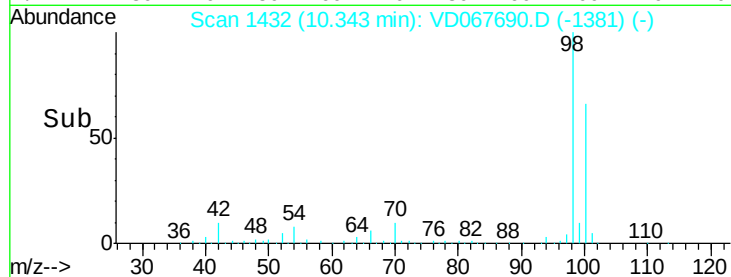
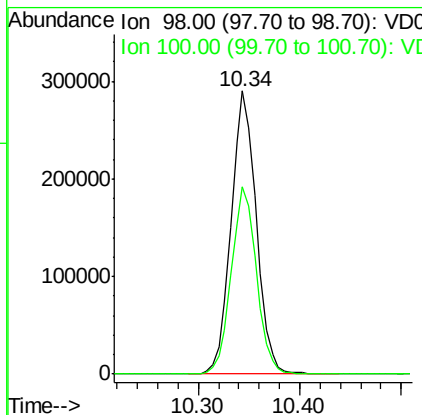
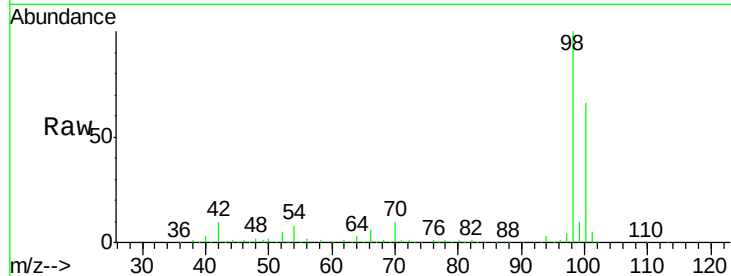




#50
Toluene-d8
Concen: 56.044 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067690.D
Acq: 18 Nov 2020 17:13

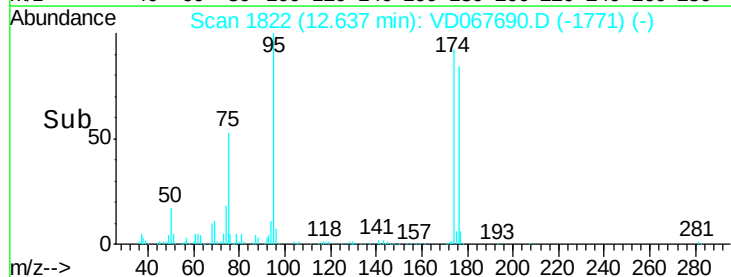
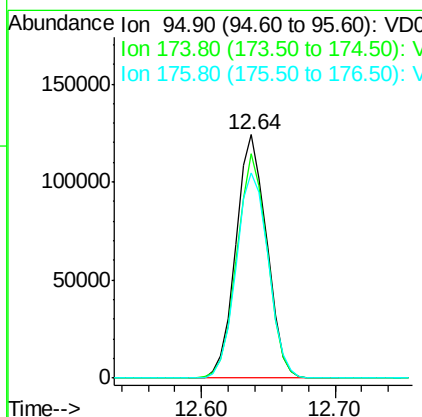
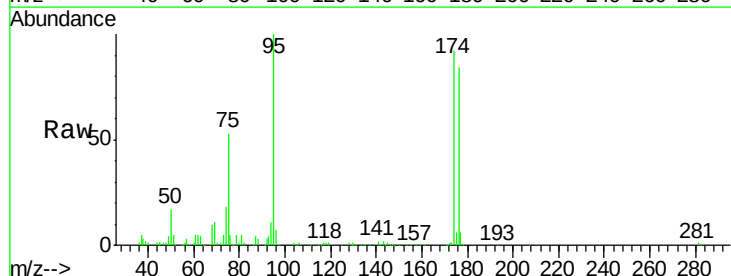
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ClientSampleId :
R-LA-2-5-WC

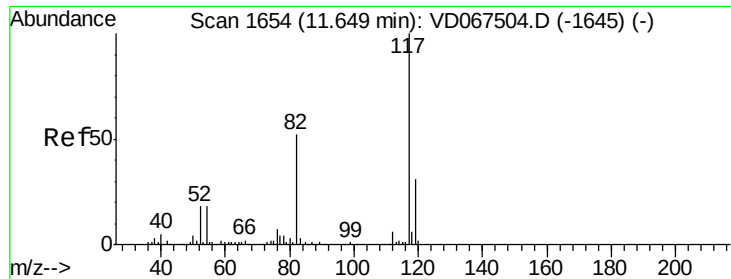
Tot Ion: 98 Resp: 499924
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 64.456 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067690.D
Acq: 18 Nov 2020 17:13

Tgt Ion: 95 Resp: 198502
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.8
176 87.8 0.0 172.0

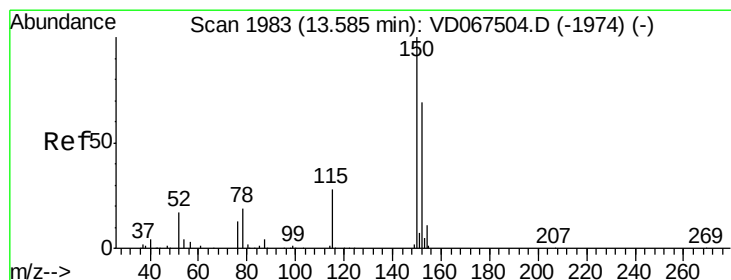
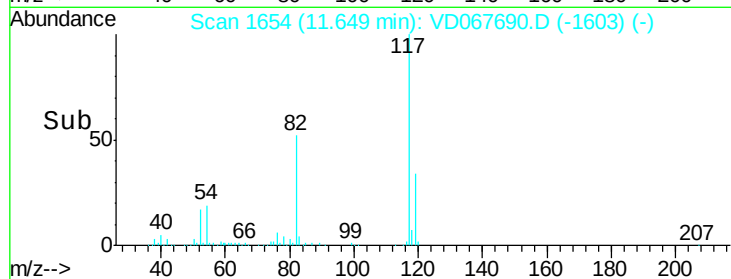
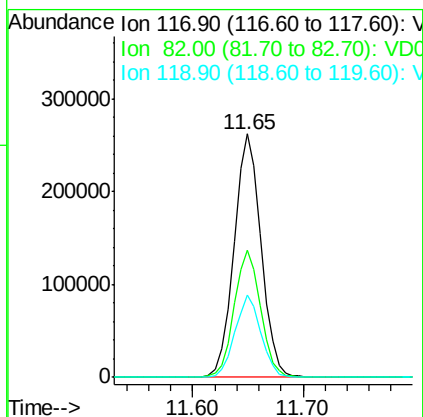
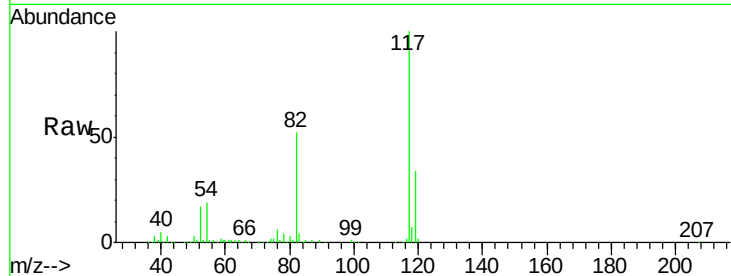




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067690.D
Acq: 18 Nov 2020 17:13

Instrument :
MSVOA_D
ClientSampleId :
R-LA-2-5-WC

Tot Ion:117 Resp: 449667
Ion Ratio Lower Upper
117 100
82 52.4 41.6 62.4
119 33.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067690.D
Acq: 18 Nov 2020 17:13

Tgt Ion:152 Resp: 223521
Ion Ratio Lower Upper
152 100
115 59.7 29.3 88.0
150 159.1 0.0 338.2

