

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111620\
 Data File : VD067640.D
 Acq On : 16 Nov 2020 14:56
 Operator : VA/SY
 Sample : L4687-04
 Misc : 5.08G/5.01ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-3

Quant Time: Nov 17 01:35:00 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

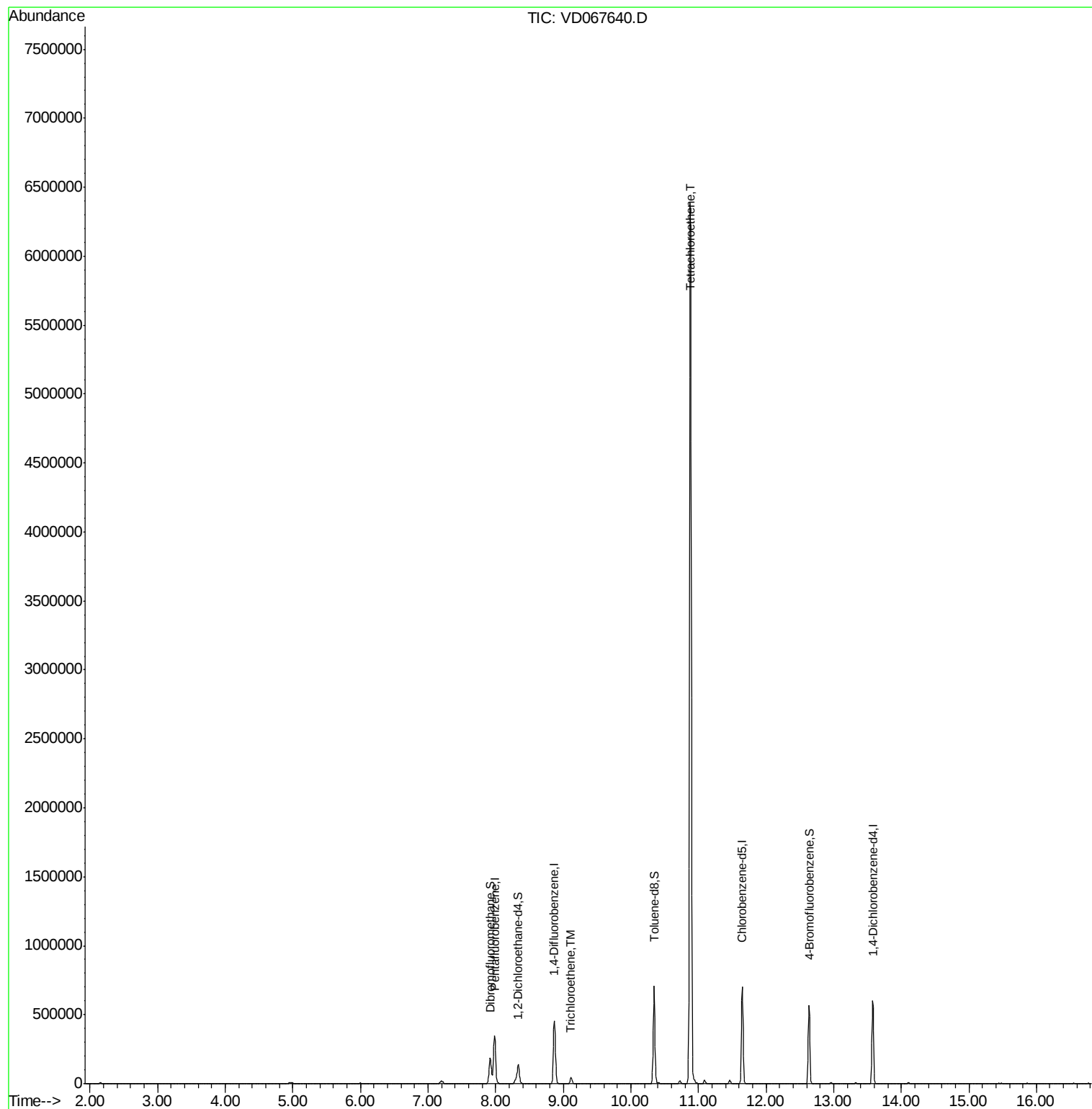
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	267938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	416499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	416302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	173938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	122370	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	7.92	113	131160	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	10.34	98	484894	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
62) 4-Bromofluorobenzene	12.64	95	168426	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
Target Compounds						
44) Trichloroethene	9.12	130	16213	5.106	ug/l	90
64) Tetrachloroethene	10.88	164	1533748	497.469	ug/l	99

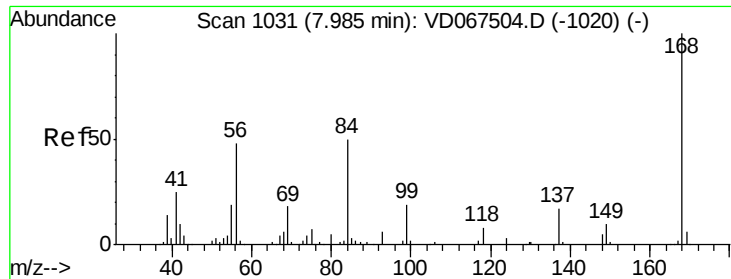
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067640.D

Acq: 16 Nov 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

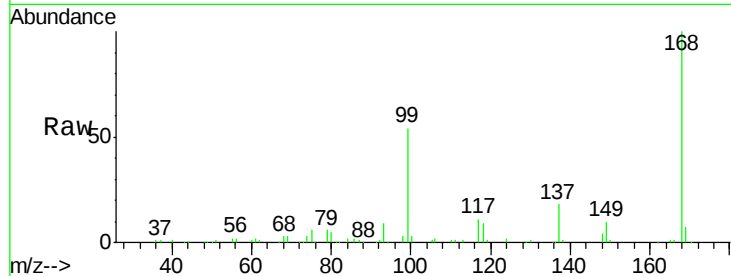
SS-3

Tot Ion:168 Resp: 267938

Ion Ratio Lower Upper

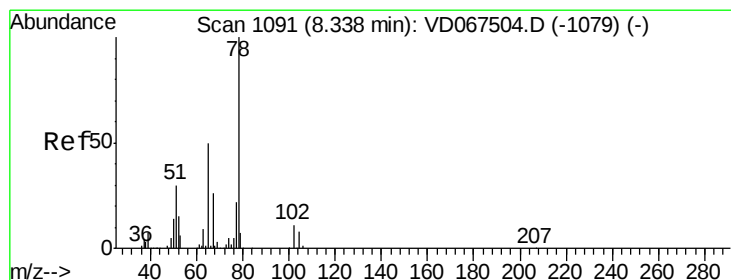
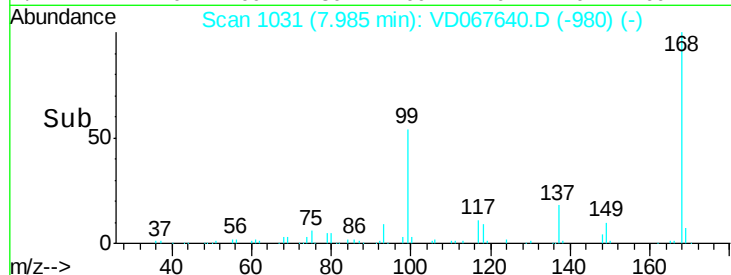
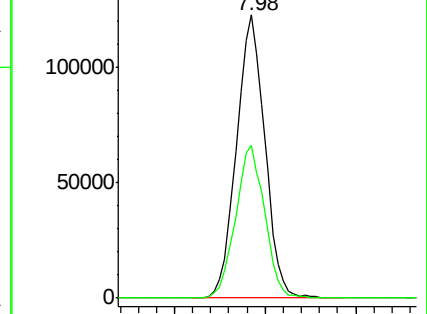
168 100

99 54.1 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.232 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067640.D

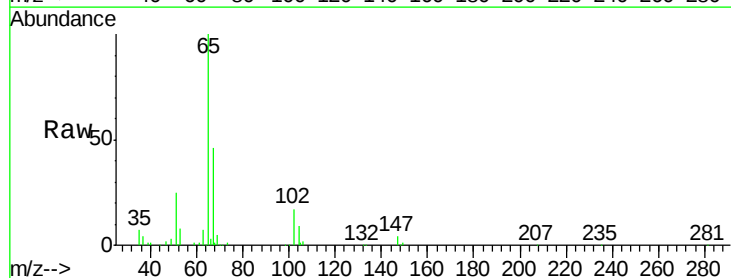
Acq: 16 Nov 2020 14:56

Tgt Ion: 65 Resp: 122370

Ion Ratio Lower Upper

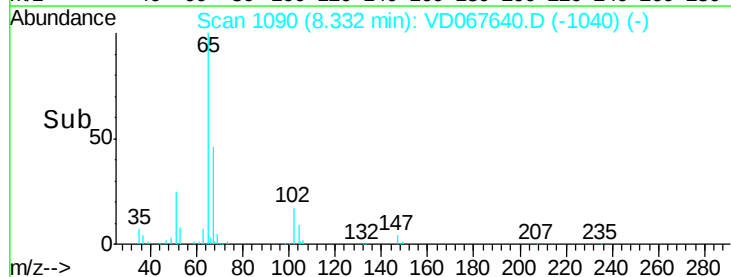
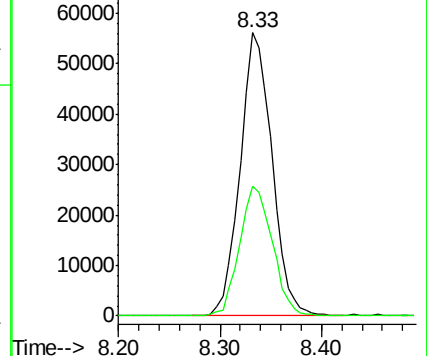
65 100

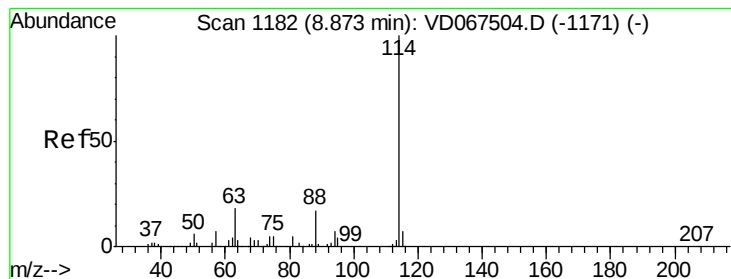
67 47.2 0.0 99.4



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. -0.01 min

Lab File: VD067640.D

Acq: 16 Nov 2020 14:56

Instrument :

MSVOA_D

ClientSampled :

SS-3

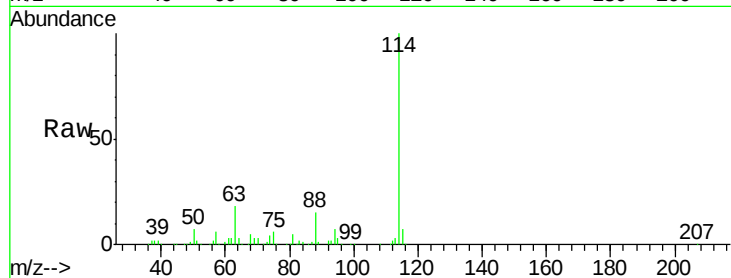
Tot Ion:114 Resp: 416499

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

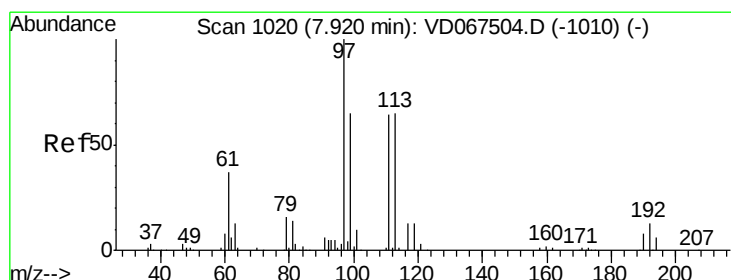
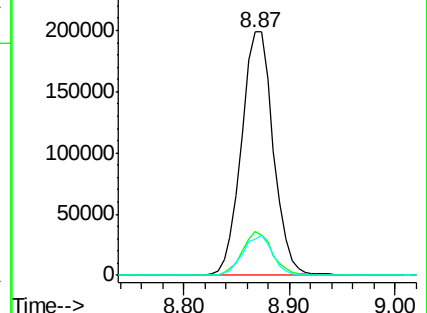
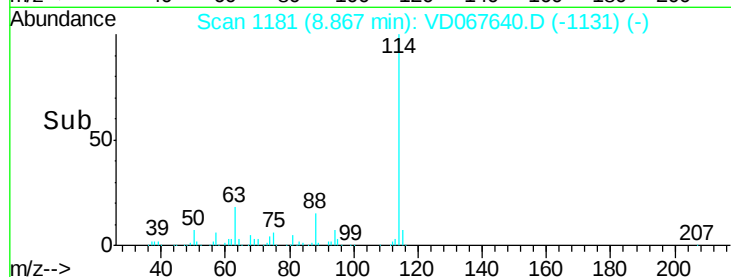
88 15.0 0.0 33.0



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: 52.268 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD067640.D

Acq: 16 Nov 2020 14:56

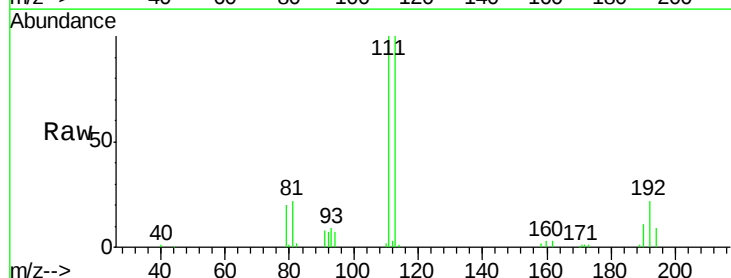
Tgt Ion:113 Resp: 131160

Ion Ratio Lower Upper

113 100

111 102.7 80.0 120.0

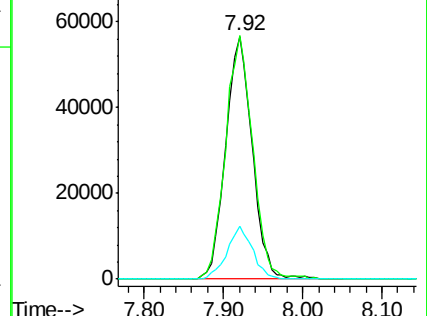
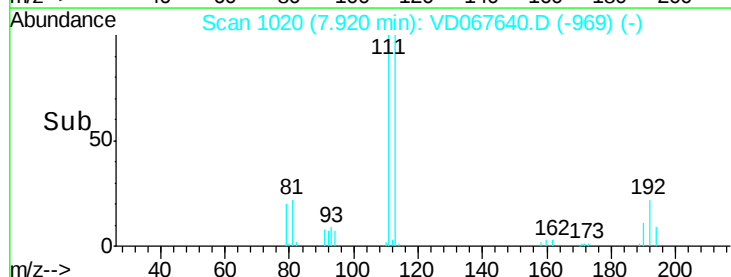
192 20.8 16.3 24.5

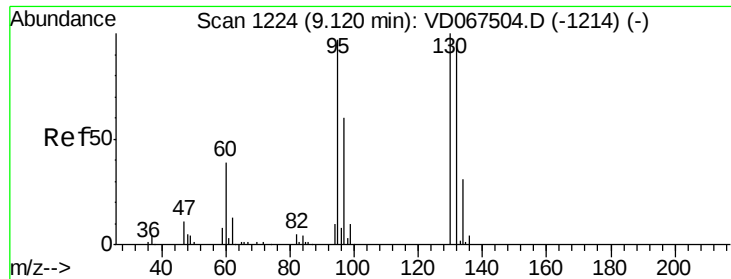


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 5.106 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD067640.D

Acq: 16 Nov 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

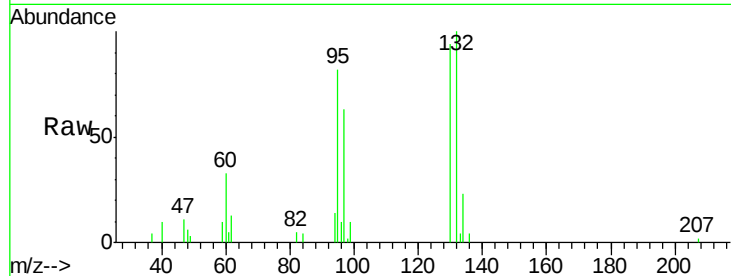
SS-3

Tot Ion:130 Resp: 16213

Ion Ratio Lower Upper

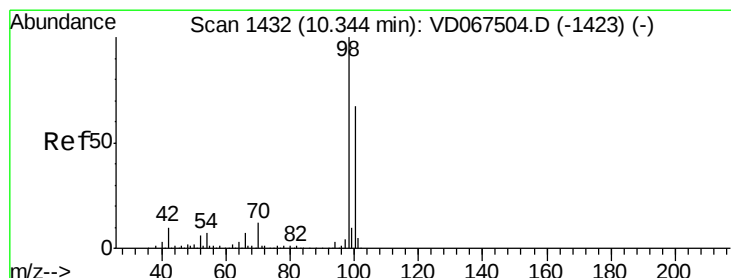
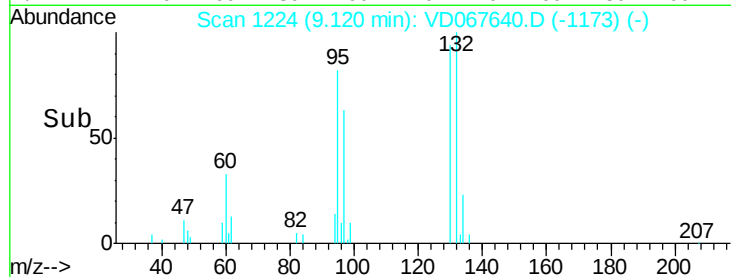
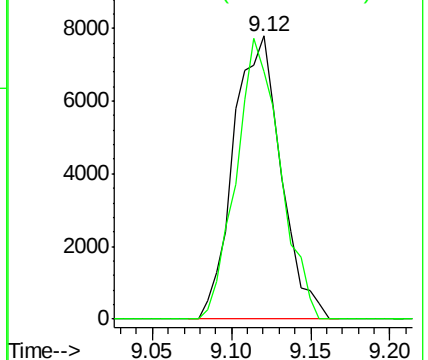
130 100

95 87.3 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 54.985 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067640.D

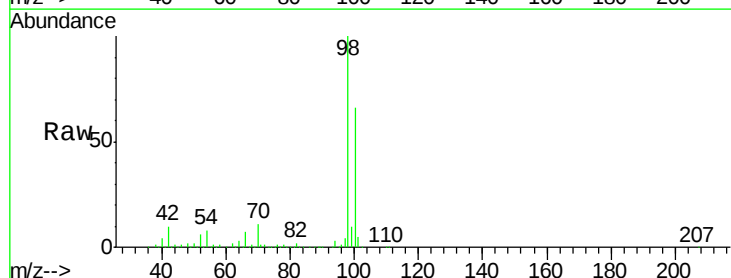
Acq: 16 Nov 2020 14:56

Tgt Ion: 98 Resp: 484894

Ion Ratio Lower Upper

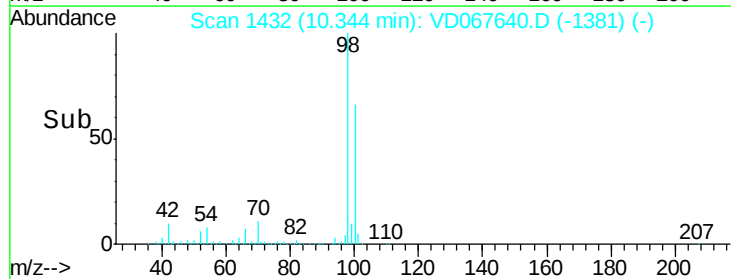
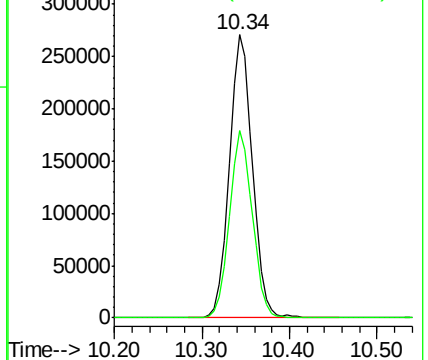
98 100

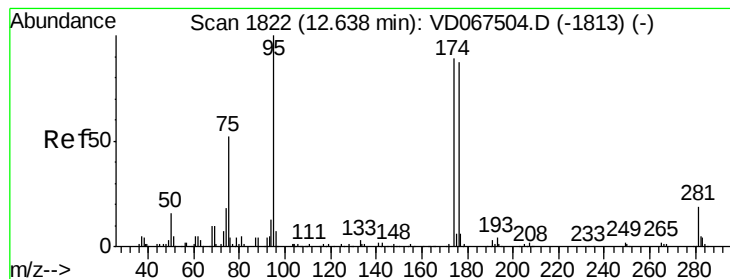
100 65.7 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 55.320 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067640.D

Acq: 16 Nov 2020 14:56

Instrument :

MSVOA_D

ClientSampled :

SS-3

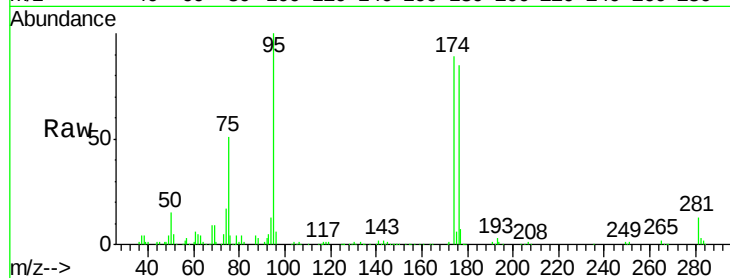
Tot Ion: 95 Resp: 168426

Ion Ratio Lower Upper

95 100

174 89.5 0.0 177.8

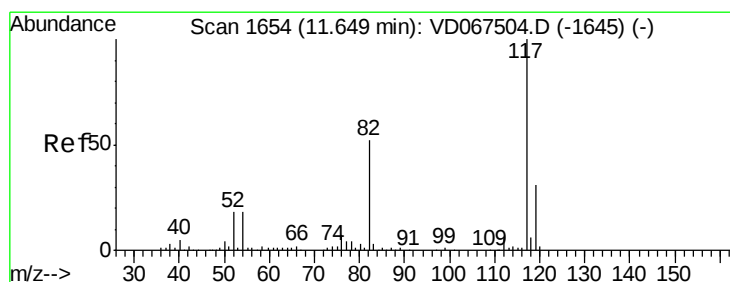
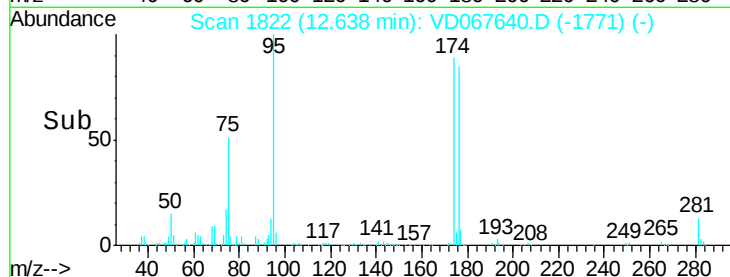
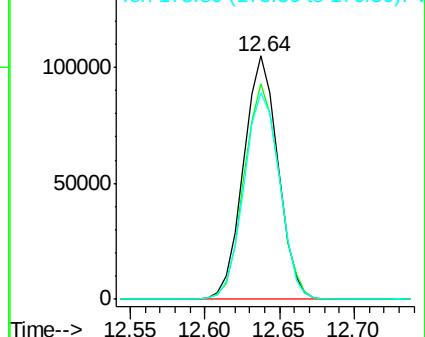
176 87.2 0.0 172.0



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: VD067640.D

Acq: 16 Nov 2020 14:56

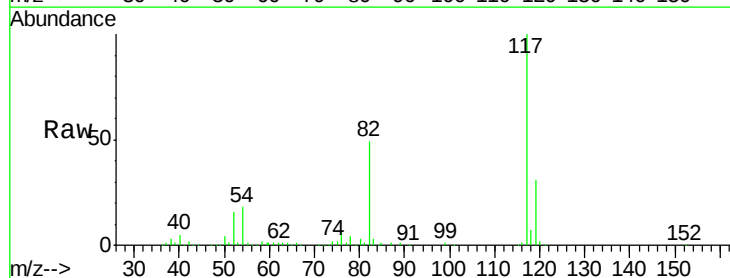
Tgt Ion: 117 Resp: 416302

Ion Ratio Lower Upper

117 100

82 48.9 41.6 62.4

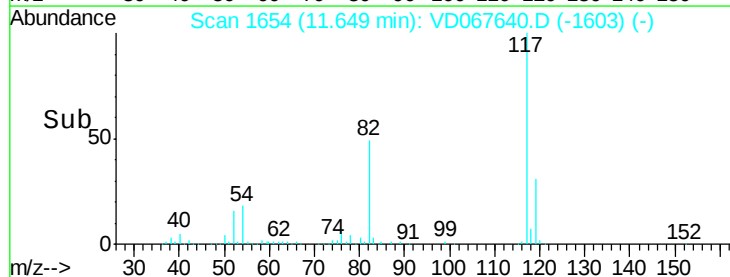
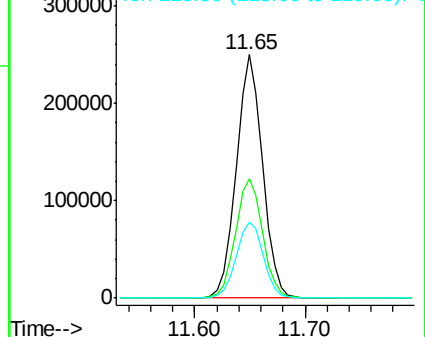
119 31.1 25.1 37.7

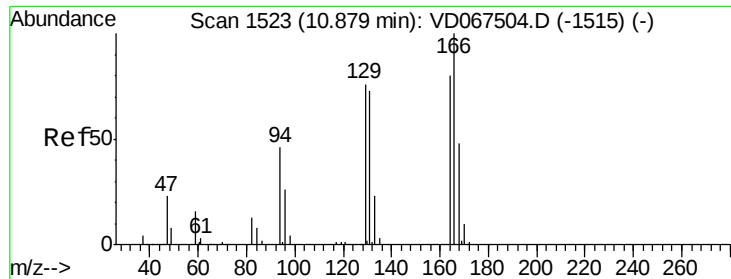


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 497.469 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VD067640.D

Acq: 16 Nov 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

SS-3

Tot Ion:164 Resp: 1533748

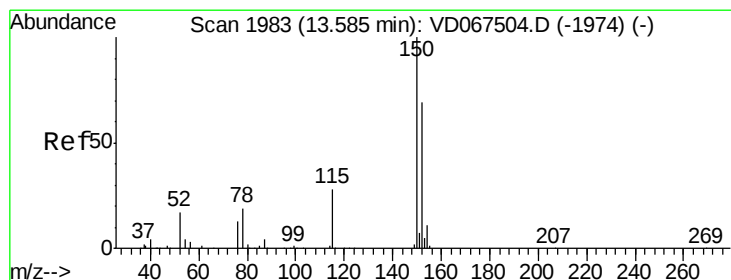
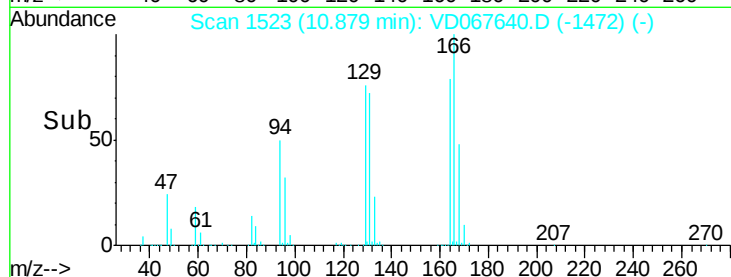
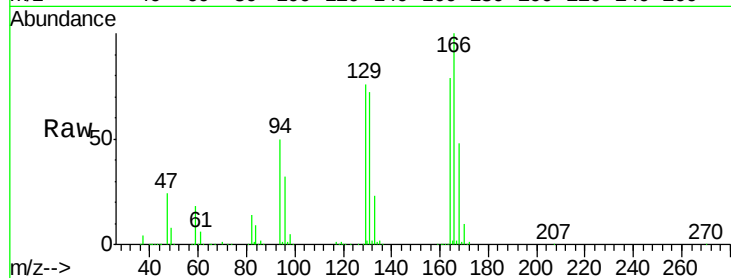
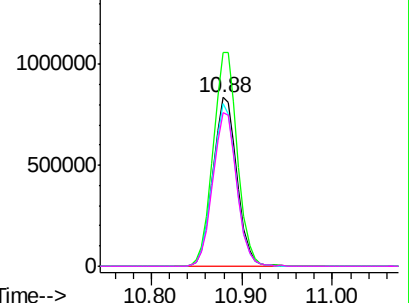
Ion	Ratio	Lower	Upper
164	100		
166	126.5	99.9	149.9
129	96.2	75.5	113.3
131	90.9	73.4	110.0

Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067640.D

Acq: 16 Nov 2020 14:56

Tgt Ion:152 Resp: 173938

Ion	Ratio	Lower	Upper
152	100		
115	56.4	29.3	88.0
150	154.5	0.0	338.2

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

