

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD100620\
 Data File : VD067132.D
 Acq On : 07 Oct 2020 03:41
 Operator : VA/SY
 Sample : L4273-05
 Misc : 5.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Oct 16 13:30:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

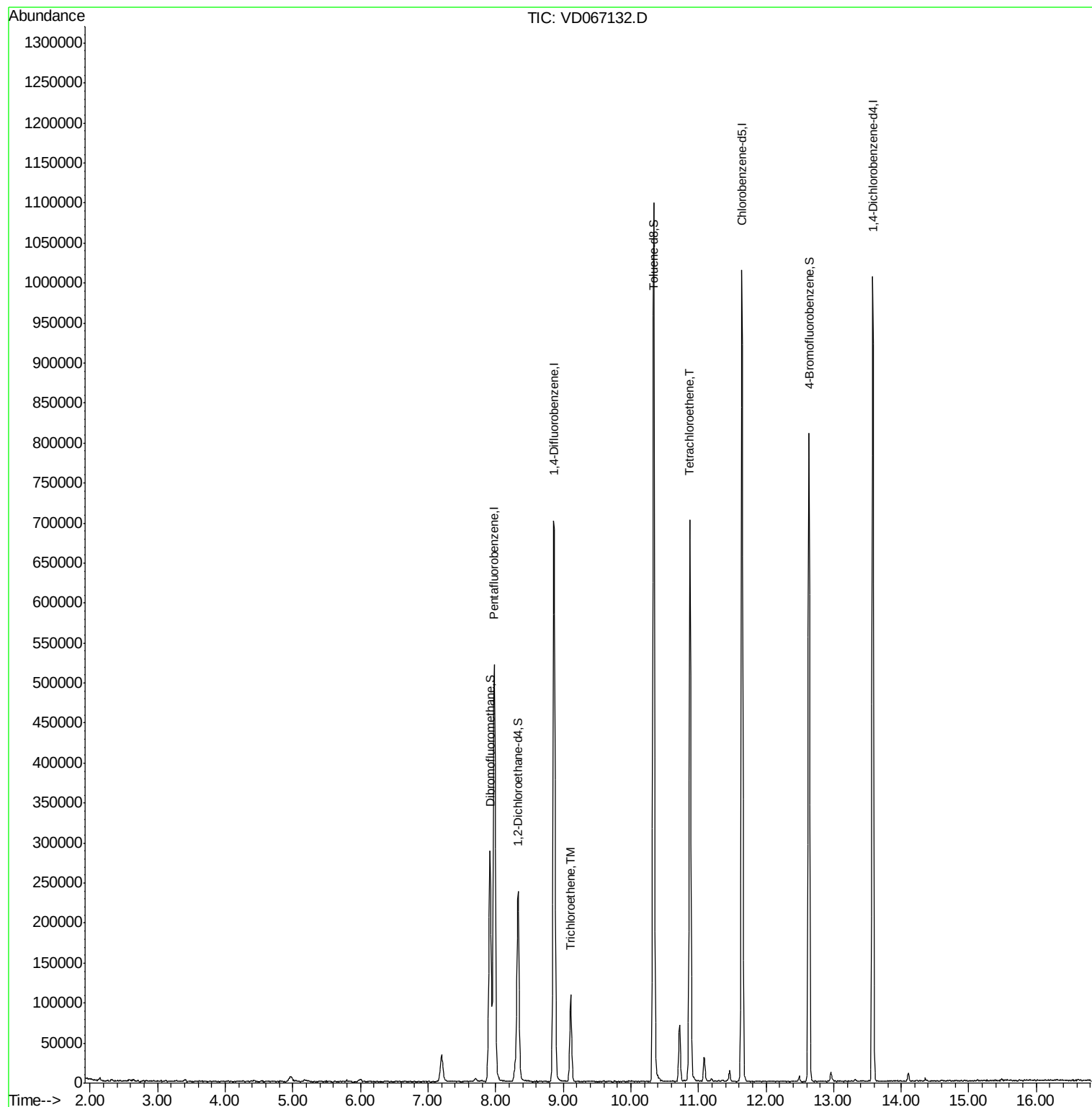
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	400337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	651770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	615109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	191902	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	7.92	113	212266	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.34	98	764037	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.64	95	245265	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
Target Compounds						
44) Trichloroethene	9.11	130	39754	7.890	ug/l	100
64) Tetrachloroethene	10.87	164	169851	37.982	ug/l	94

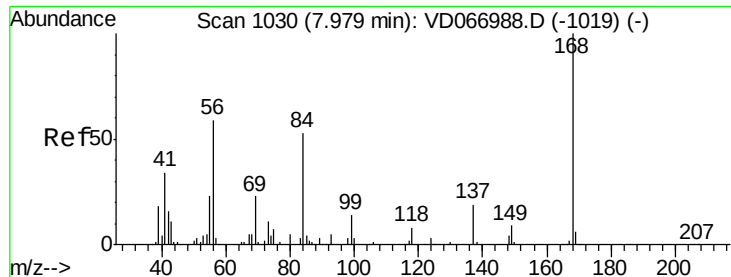
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067132.D

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Instrument :

MSVOA_D

ClientSampleId :

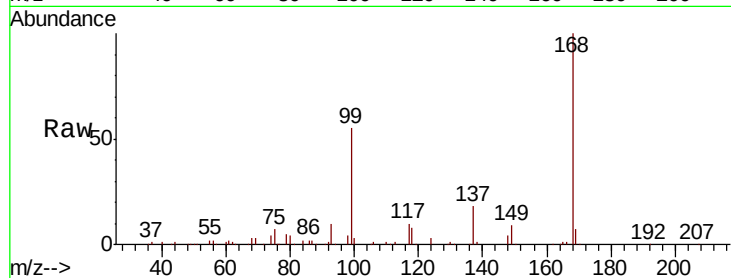
SB-3

Tot Ion:168 Resp: 400337

Ion Ratio Lower Upper

168 100

99 55.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

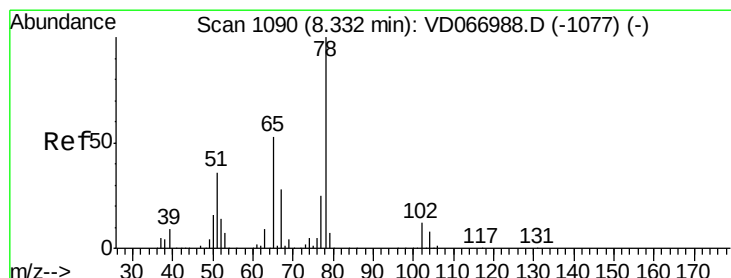
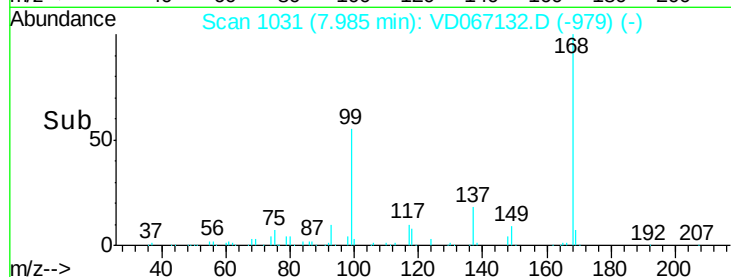
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.767 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067132.D

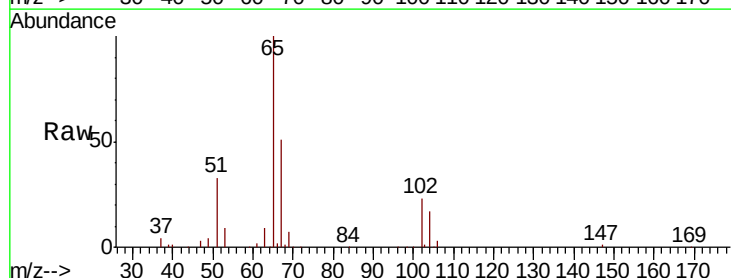
Acq: 07 Oct 2020 03:41

Tgt Ion: 65 Resp: 191902

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

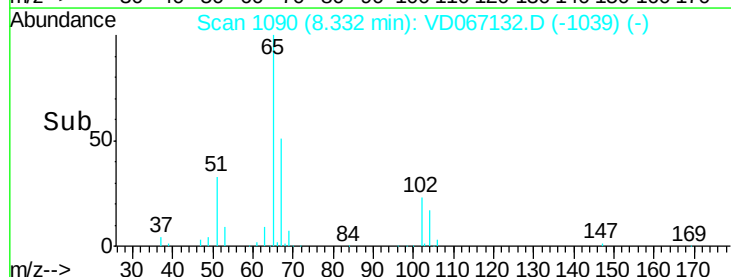
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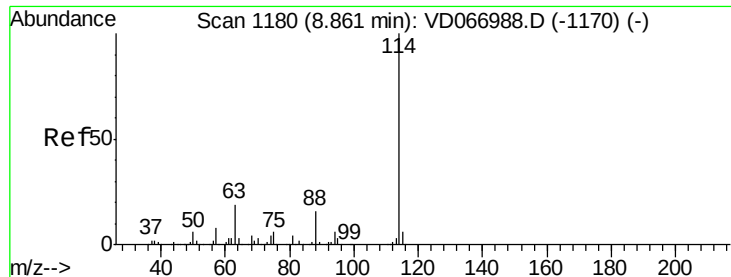
40000

20000

0

Time-->

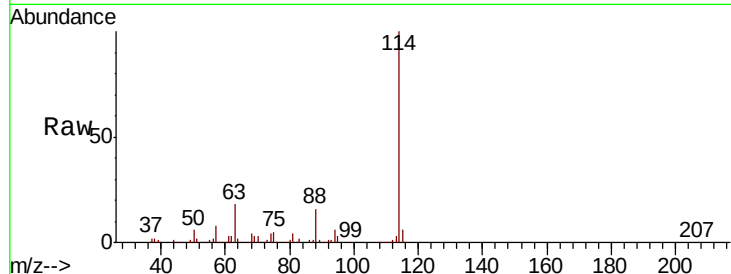




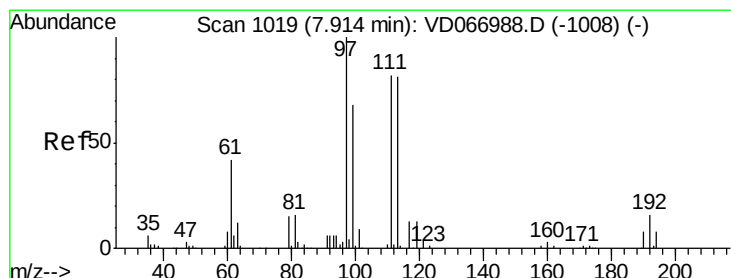
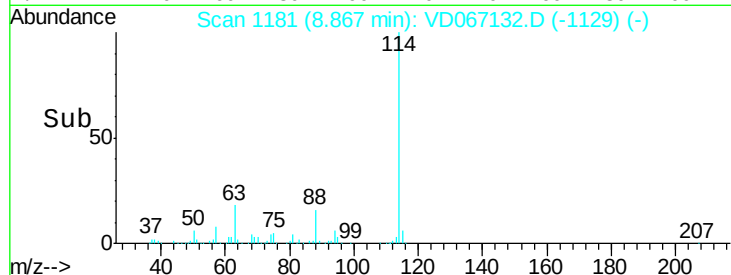
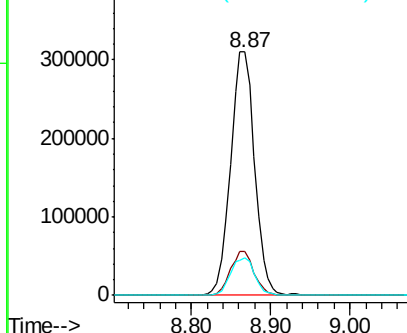
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067132.D
 Acq: 07 Oct 2020 03:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Tot Ion:114 Resp: 651770
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.4
 88 15.6 0.0 31.2

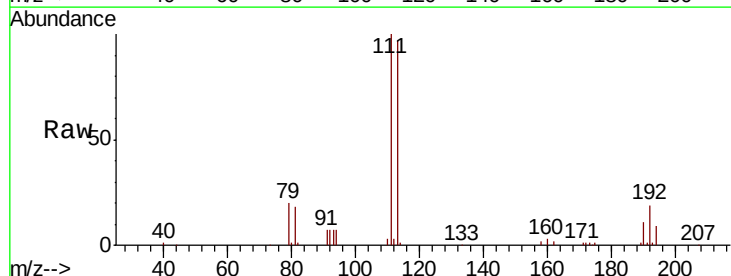


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

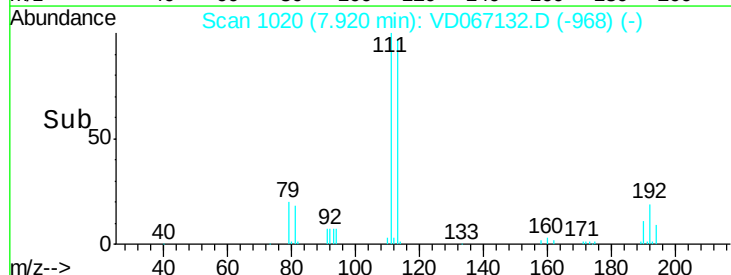
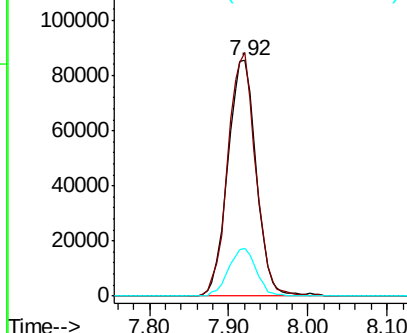


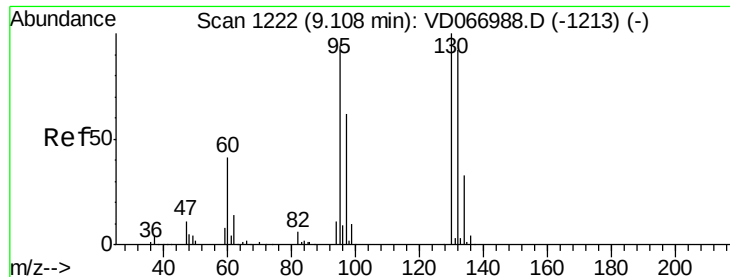
#35
 Dibromofluoromethane
 Concen: 49.746 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067132.D
 Acq: 07 Oct 2020 03:41

Tgt Ion:113 Resp: 212266
 Ion Ratio Lower Upper
 113 100
 111 100.6 83.0 124.4
 192 19.7 15.5 23.3



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





#44

Trichloroethene

Concen: 7.890 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD067132.D

Acq: 07 Oct 2020 03:41

Instrument :

MSVOA_D

ClientSampleId :

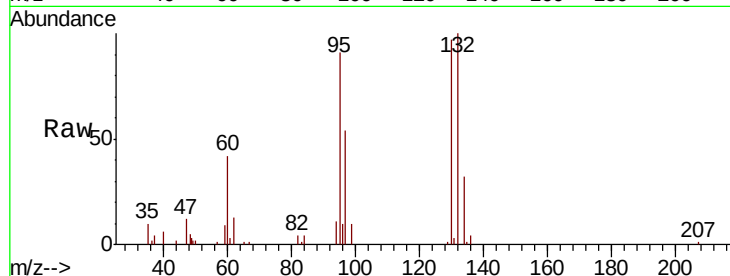
SB-3

Tot Ion:130 Resp: 39754

Ion Ratio Lower Upper

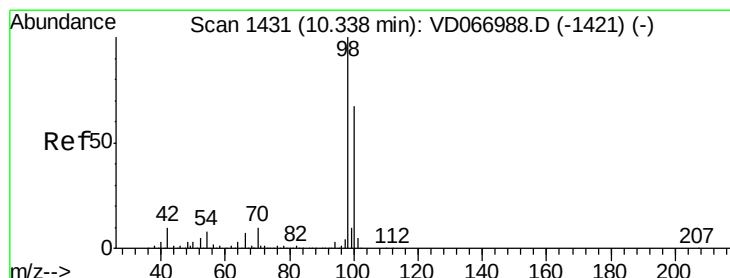
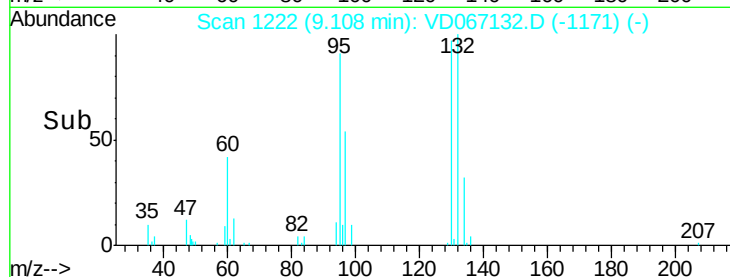
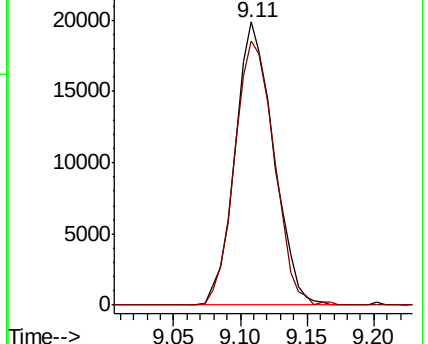
130 100

95 93.5 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 49.139 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067132.D

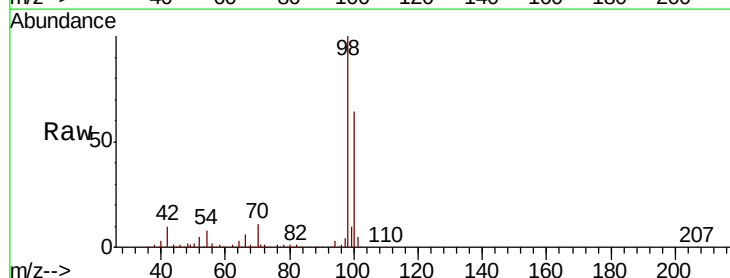
Acq: 07 Oct 2020 03:41

Tgt Ion: 98 Resp: 764037

Ion Ratio Lower Upper

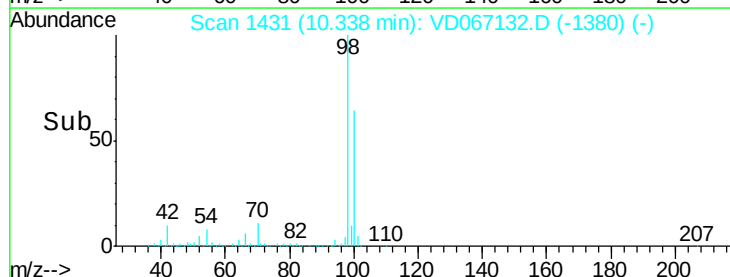
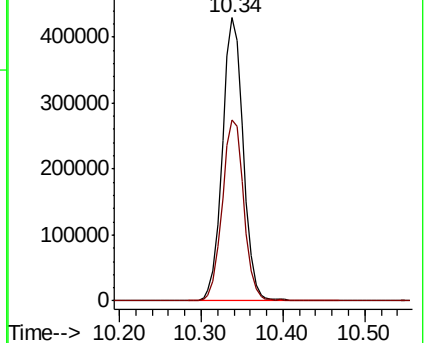
98 100

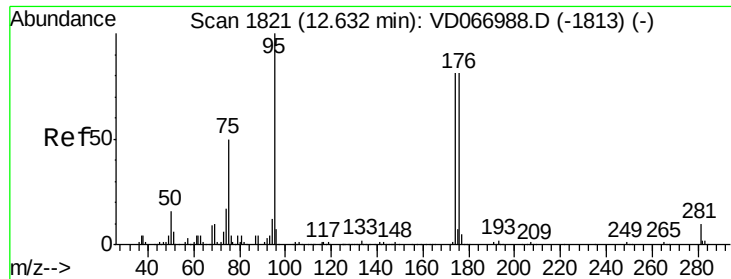
100 65.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

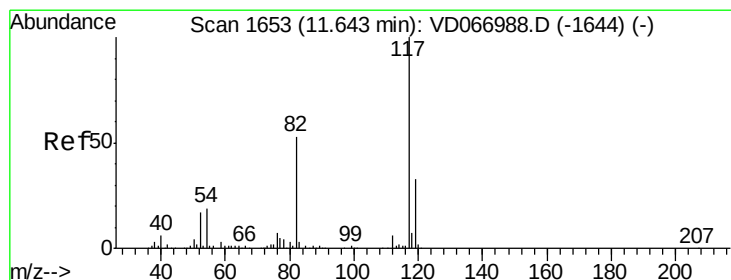
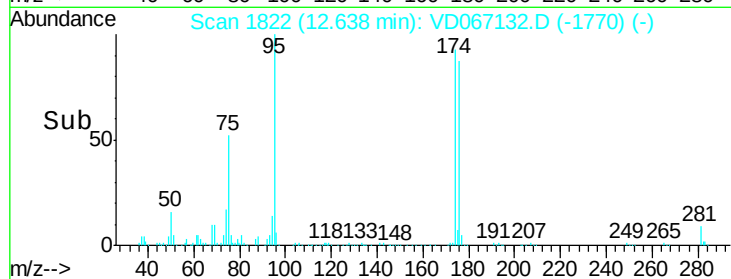
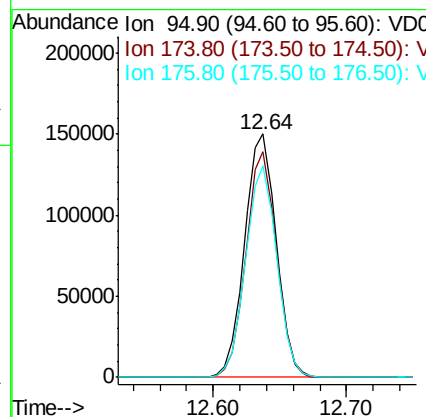
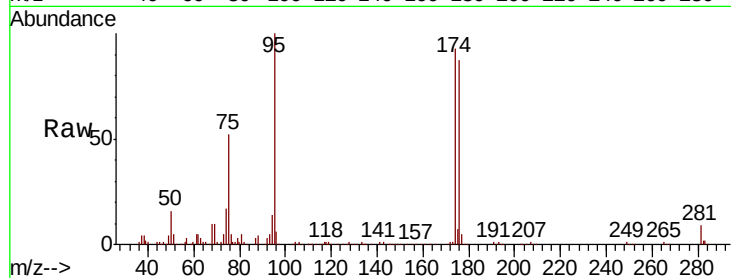




#62
4-Bromofluorobenzene
Concen: 46.466 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067132.D
Acq: 07 Oct 2020 03:41

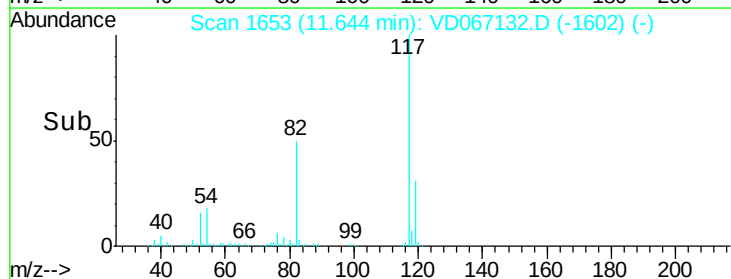
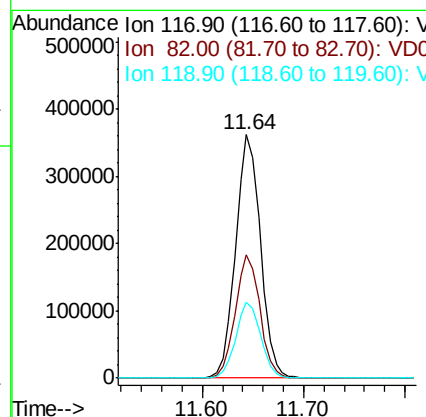
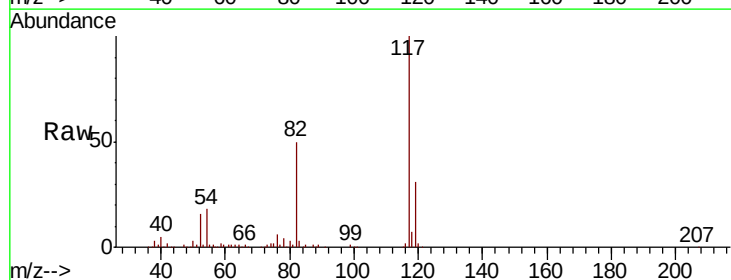
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ClientSampleId :
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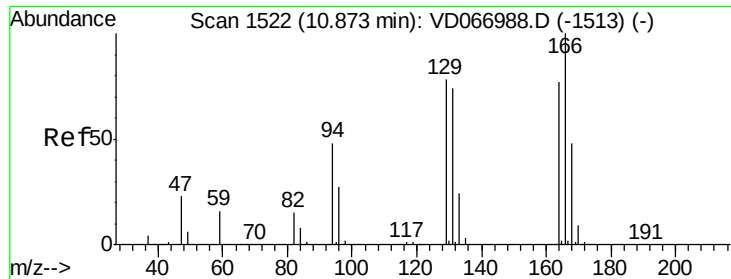
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	167.6
176	85.6	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067132.D
Acq: 07 Oct 2020 03:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.6	63.8
119	31.2	26.3	39.5

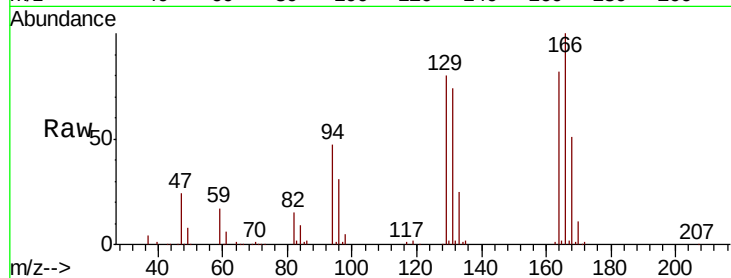




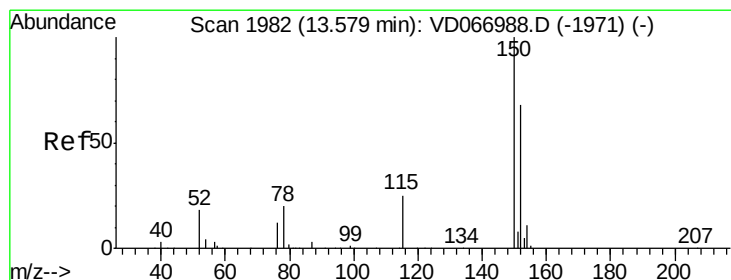
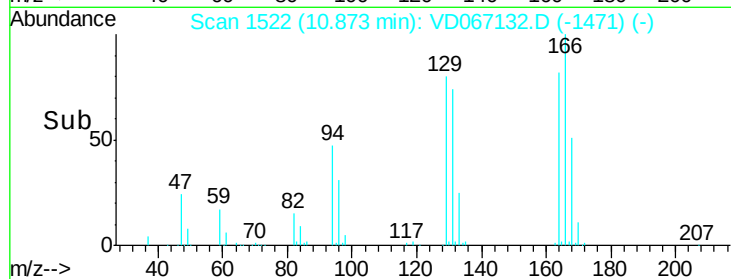
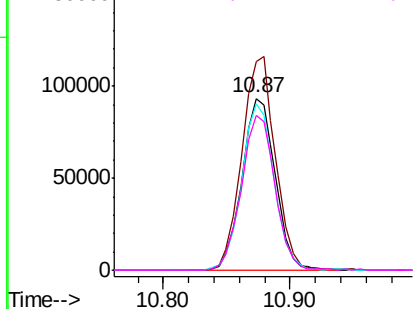
#64
Tetrachloroethene
Concen: 37.982 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067132.D
Acq: 07 Oct 2020 03:41

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Tot Ion	Ratio	Lower	Upper
164	100		
166	121.3	104.4	156.6
129	96.9	81.3	121.9
131	90.0	77.1	115.7

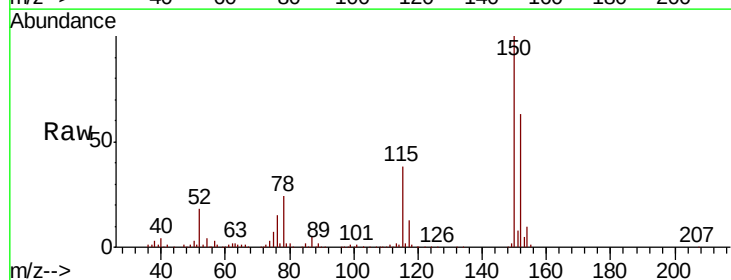


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067132.D
Acq: 07 Oct 2020 03:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.6	88.8
150	157.8	0.0	344.8



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

