

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064889.D
 Acq On : 20 Jan 2020 14:38
 Operator : VA/SY
 Sample : L1189-01
 Misc : 6.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 21 04:10:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

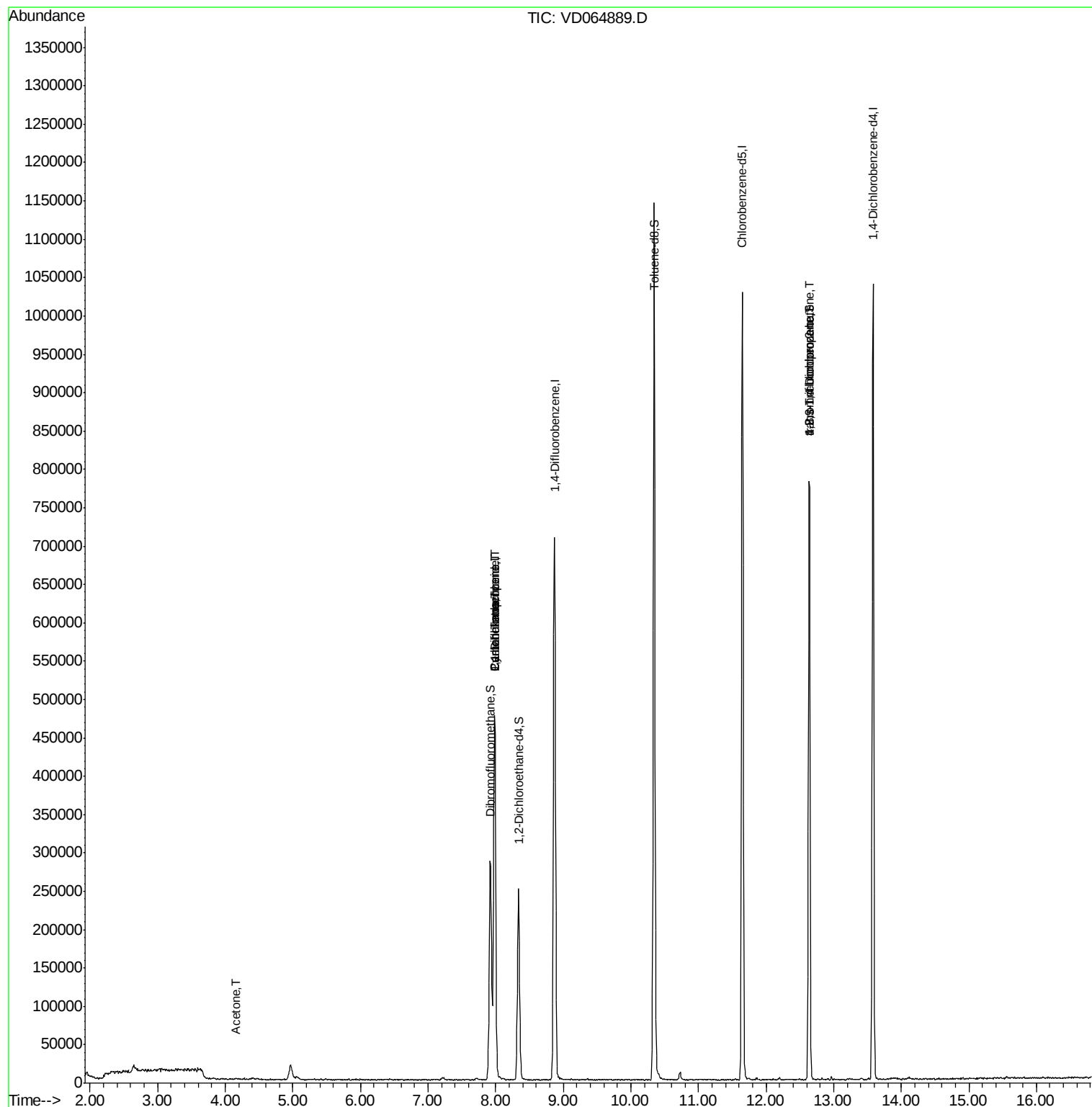
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	361391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	616520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	579737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	197906	62.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.20%	
35) Dibromofluoromethane	7.92	113	200484	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
50) Toluene-d8	10.34	98	753075	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.64	95	237695	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
Target Compounds						
16) Acetone	4.16	43	665	5.065	ug/l	92
20) Methylene Chloride	4.97	84	14828	Below Cal		90
31) Cyclohexane	7.99	56	8818	1.484	ug/l #	7
36) 1,1-Dichloropropene	7.98	75	27824	4.689	ug/l #	49
38) Carbon Tetrachloride	7.98	117	33057	5.224	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	131365	60.942	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	131365	127.458	ug/l #	10

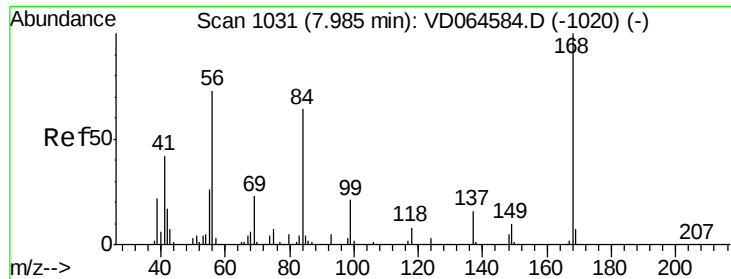
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064889.D

Acq: 20 Jan 2020 14:38

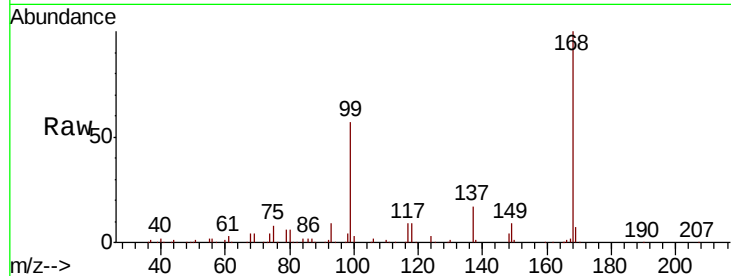
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 361391

Ion Ratio Lower Upper

168 100

99 57.1 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

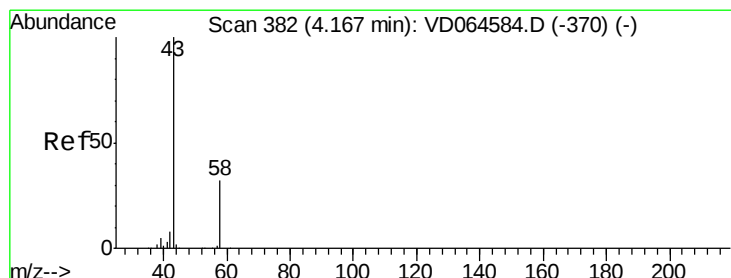
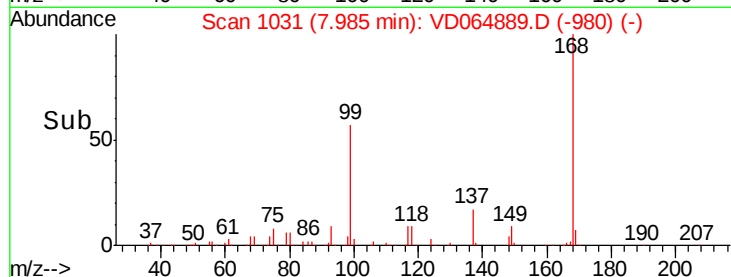
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.065 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD064889.D

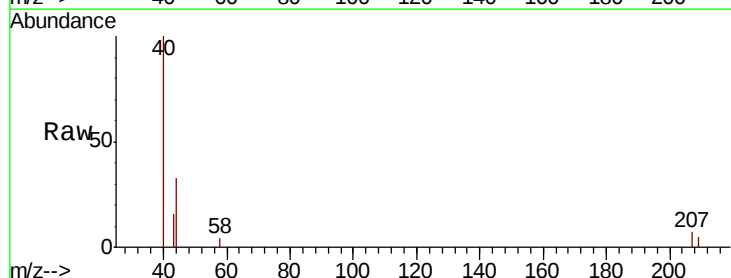
Acq: 20 Jan 2020 14:38

Tgt Ion: 43 Resp: 665

Ion Ratio Lower Upper

43 100

58 27.7 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

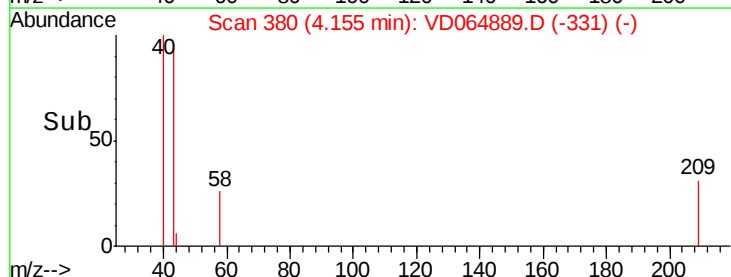
600

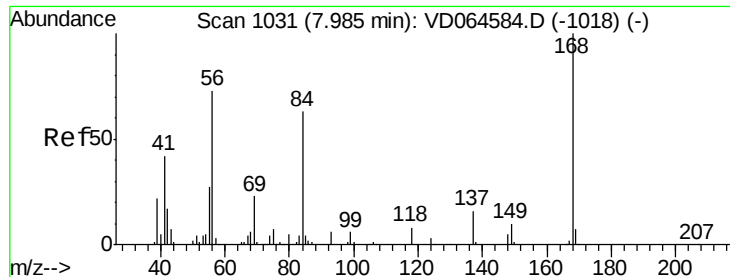
400

200

0

Time-->

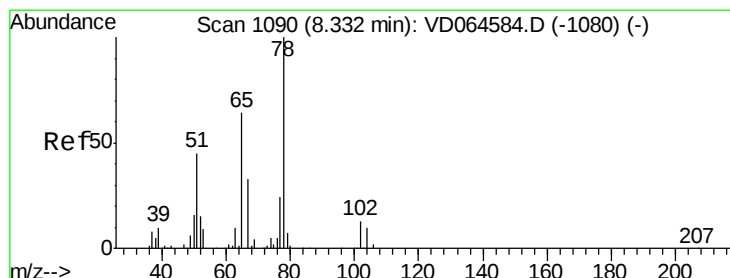
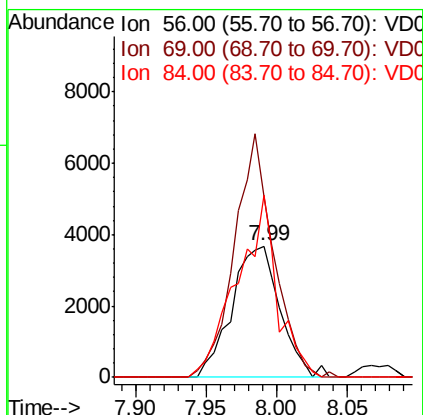
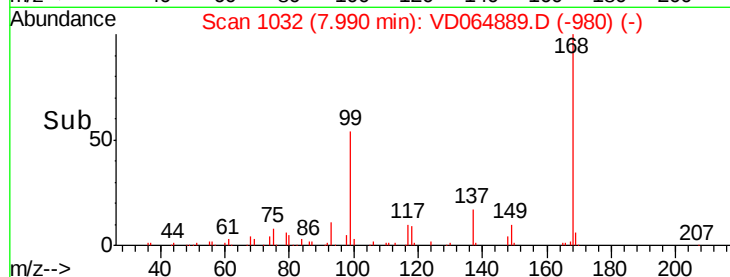
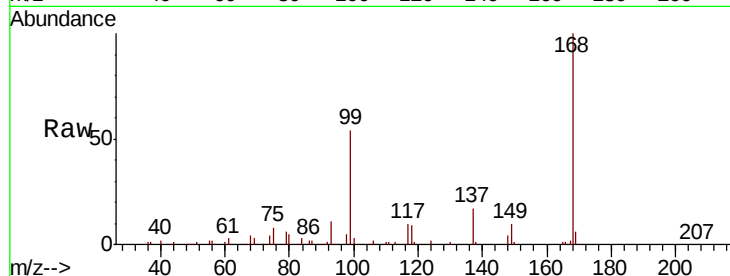




#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

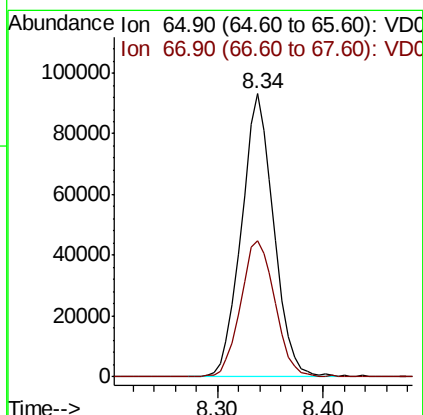
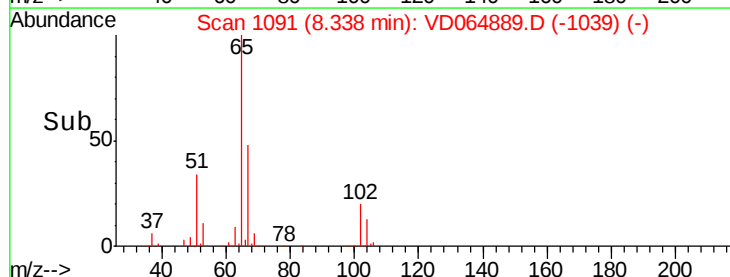
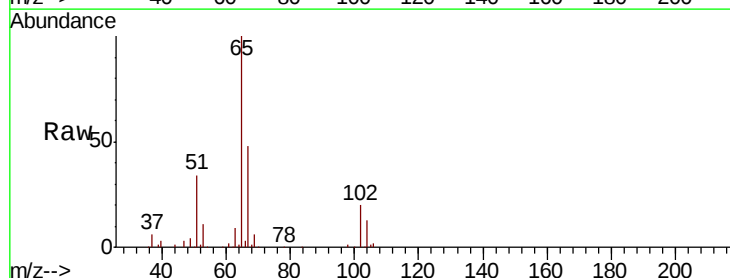
Instrument :
MSVOA_D
ClientSampleId :

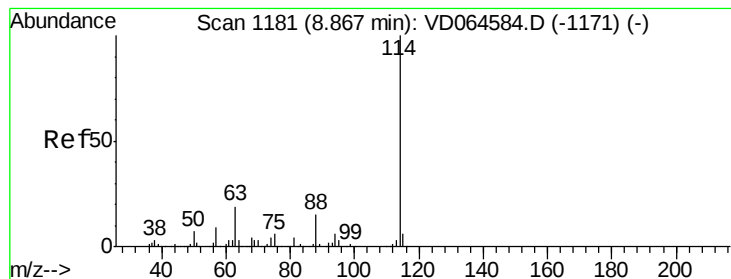
Tot Ion: 56 Resp: 8818
Ion Ratio Lower Upper
56 100
69 137.9 24.7 37.1#
84 139.1 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 62.104 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

Tgt Ion: 65 Resp: 197906
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD064889.D

Acq: 20 Jan 2020 14:38

Instrument :

MSVOA_D

ClientSampleId :

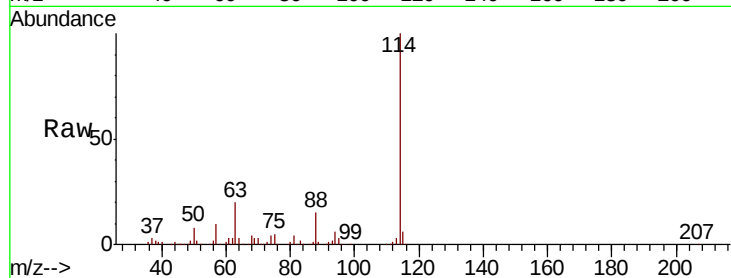
Tot Ion:114 Resp: 616520

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

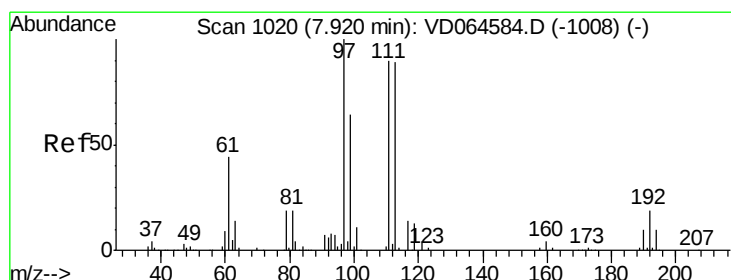
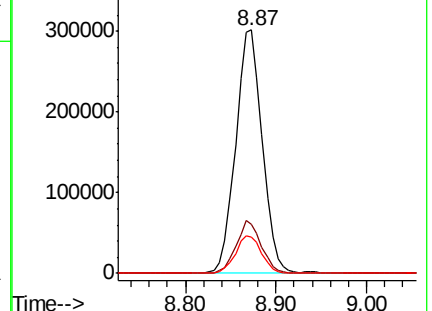
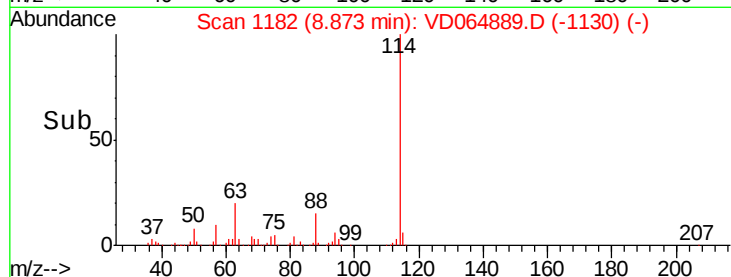
88 14.8 0.0 29.2



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: 53.004 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064889.D

Acq: 20 Jan 2020 14:38

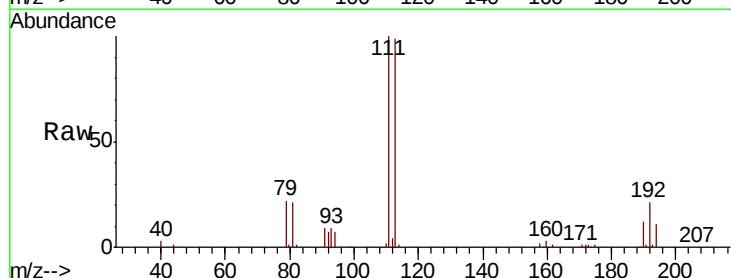
Tgt Ion:113 Resp: 200484

Ion Ratio Lower Upper

113 100

111 101.2 80.6 121.0

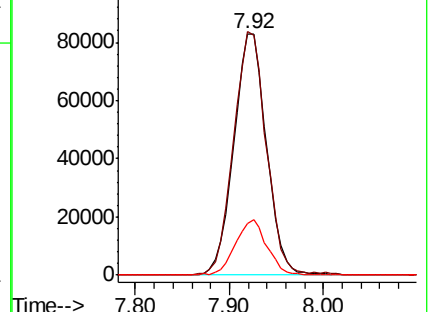
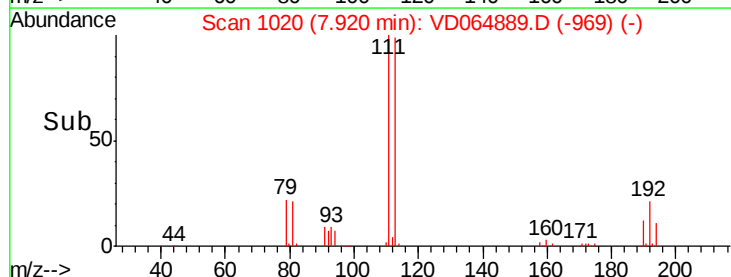
192 22.0 17.9 26.9

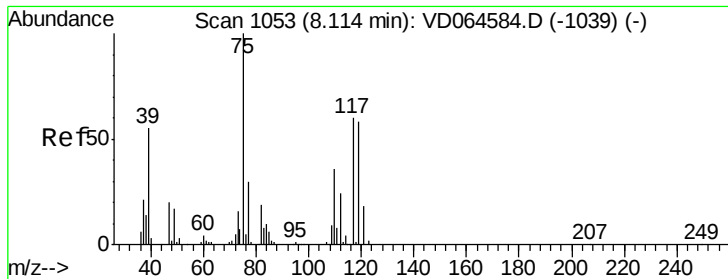


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

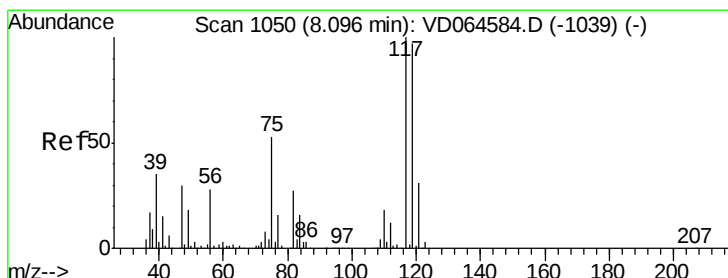
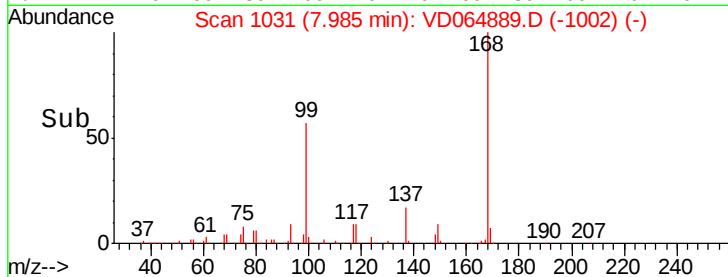
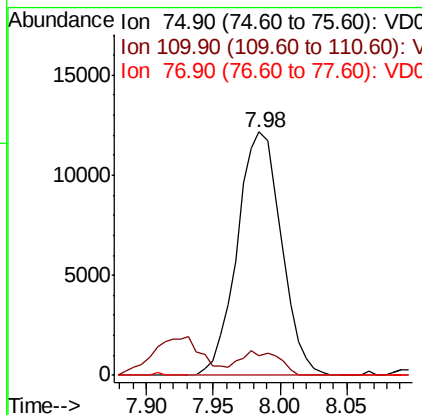
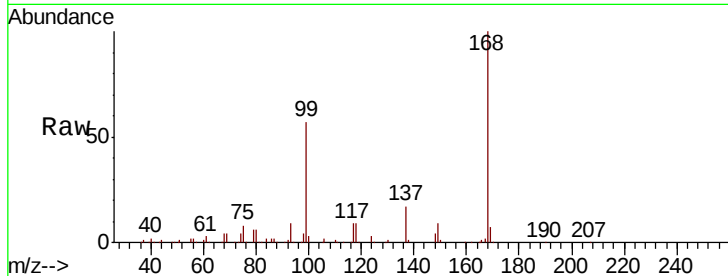




#36
 1,1-Dichloropropene
 Concen: 4.689 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD064889.D
 Acq: 20 Jan 2020 14:38

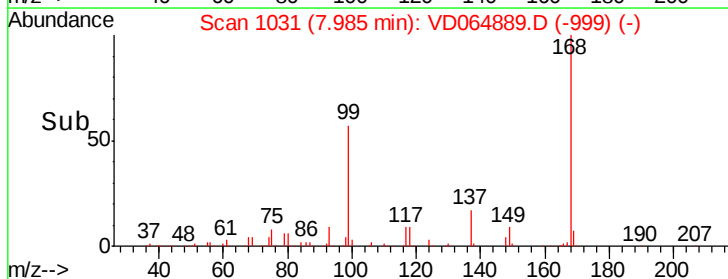
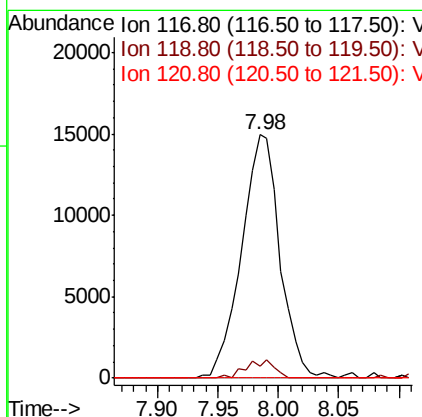
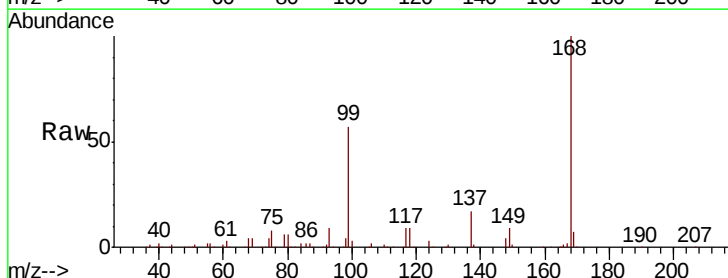
Instrument :
 MSVOA_D
 ClientSampleId :

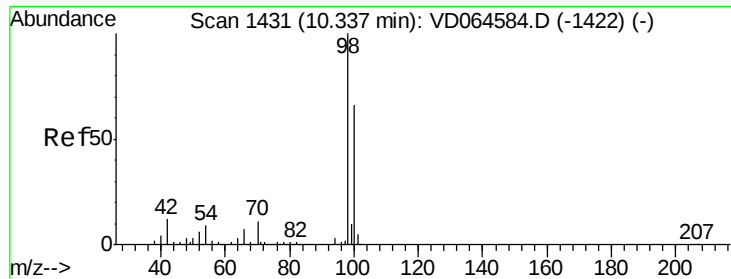
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.1#
77	0.0	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 5.224 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD064889.D
 Acq: 20 Jan 2020 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.3	115.9#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 51.985 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064889.D

Acq: 20 Jan 2020 14:38

Instrument :

MSVOA_D

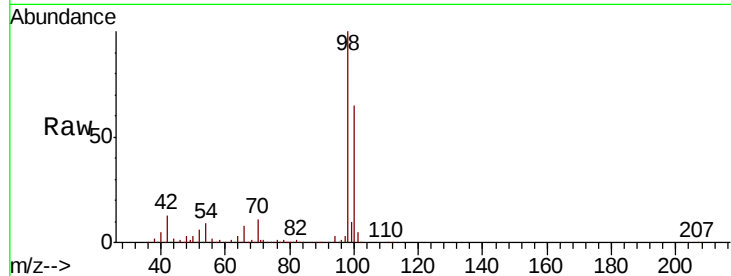
ClientSampleId :

Tot Ion: 98 Resp: 753075

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VD064584.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD064584.D (-1422) (-)

10.34

400000

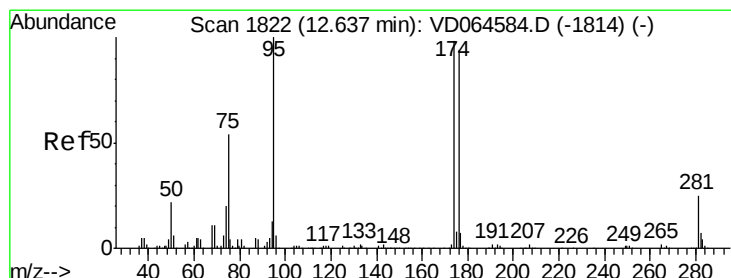
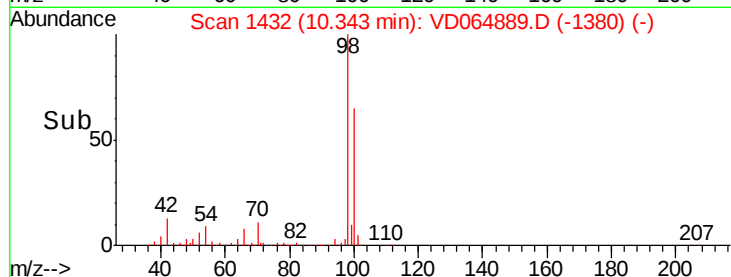
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 51.890 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064889.D

Acq: 20 Jan 2020 14:38

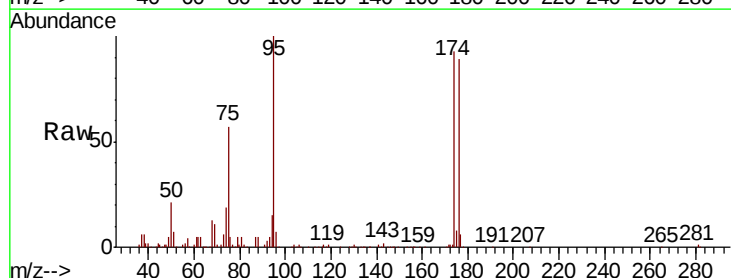
Tgt Ion: 95 Resp: 237695

Ion Ratio Lower Upper

95 100

174 92.7 0.0 193.2

176 90.0 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD064584.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD064584.D (-1814) (-)

12.64

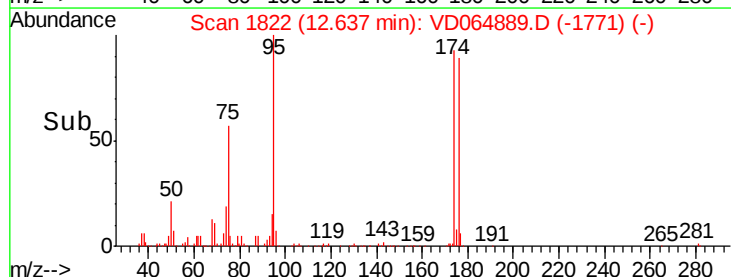
150000

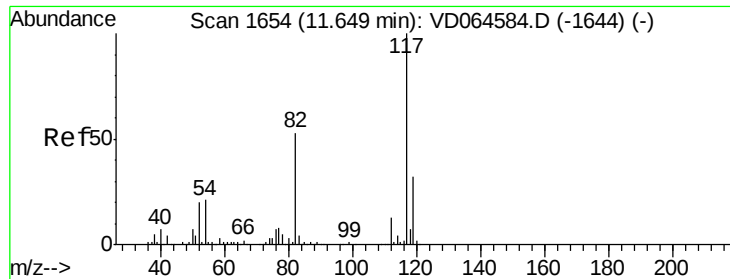
100000

50000

0

Time--> 12.60 12.70

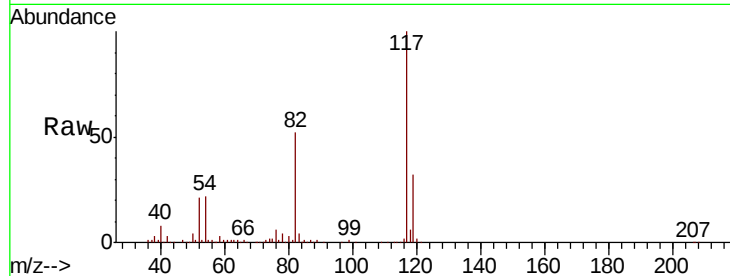




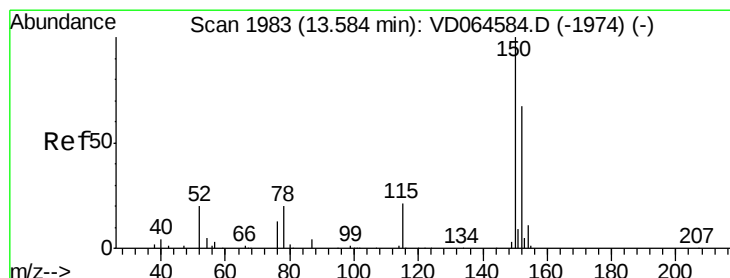
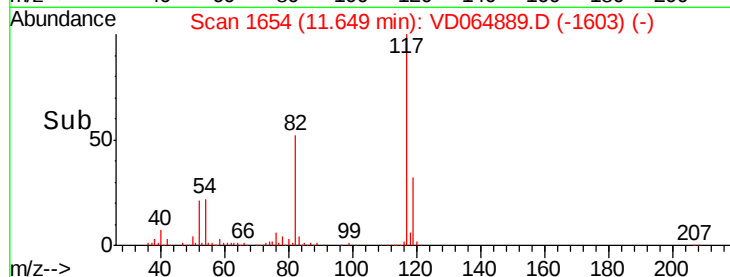
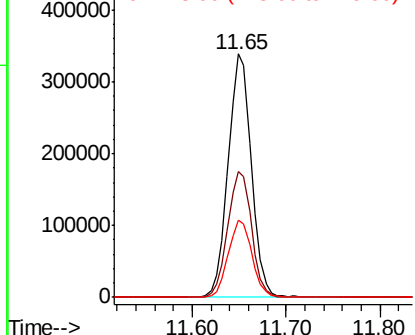
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 579737
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.4
119 31.6 26.0 39.0

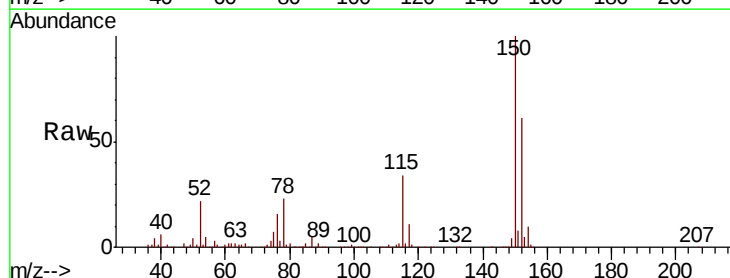


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

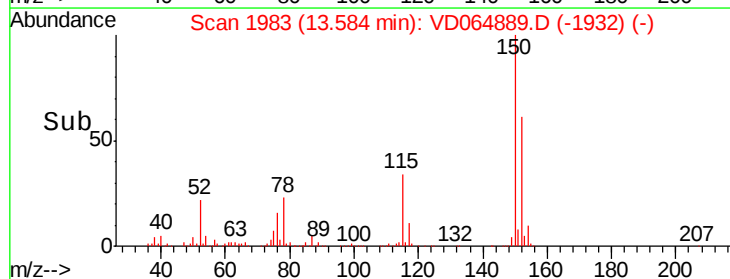
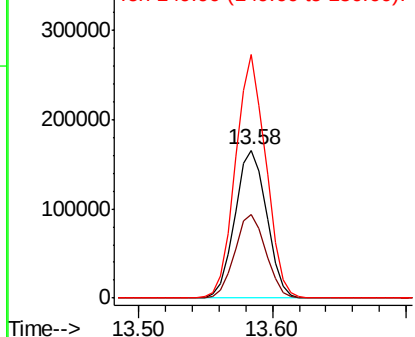


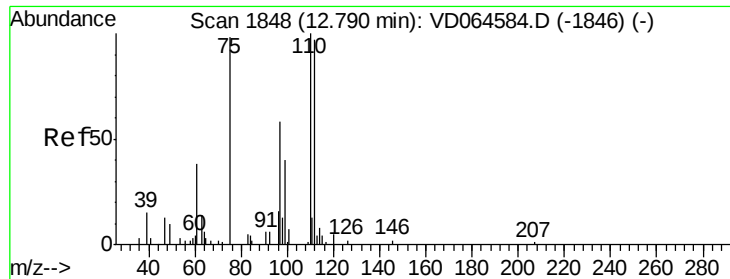
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064889.D
Acq: 20 Jan 2020 14:38

Tgt Ion:152 Resp: 272975
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 157.2 0.0 351.4



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

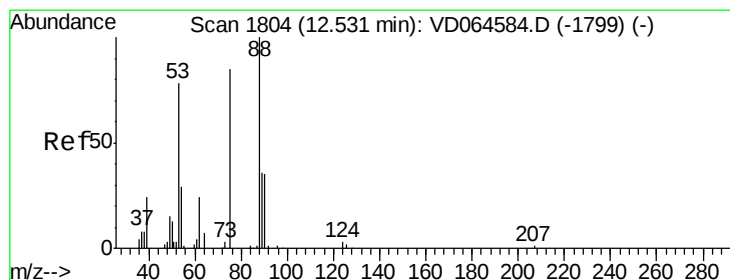
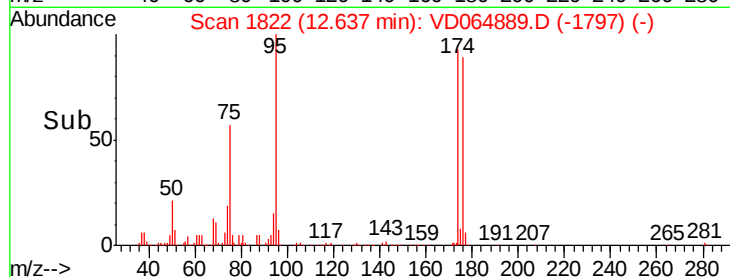
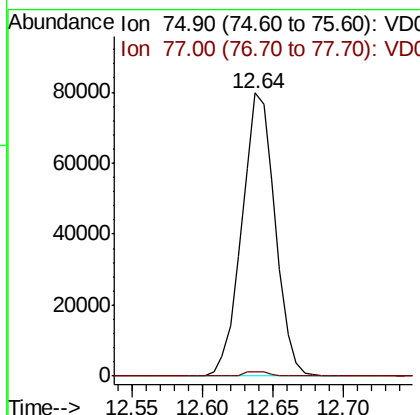
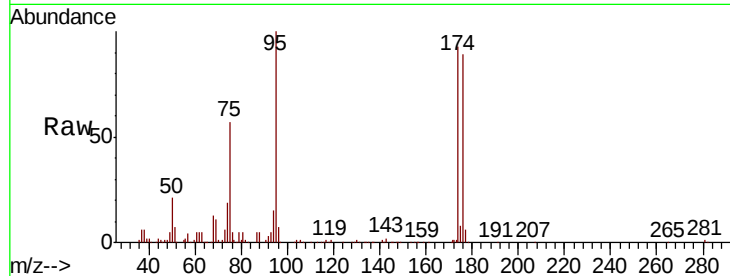




#76
 1,2,3-Trichloropropane
 Concen: 60.942 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD064889.D
 Acq: 20 Jan 2020 14:38

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion: 75 Resp: 131365
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.458 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.11 min
 Lab File: VD064889.D
 Acq: 20 Jan 2020 14:38

Tgt Ion: 75 Resp: 131365
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.8 118.2#
 89 0.1 38.3 57.5#

