

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065097.D
 Acq On : 06 Feb 2020 20:13
 Operator : VA/SY
 Sample : L1390-05RE
 Misc : 7.41G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 07 06:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

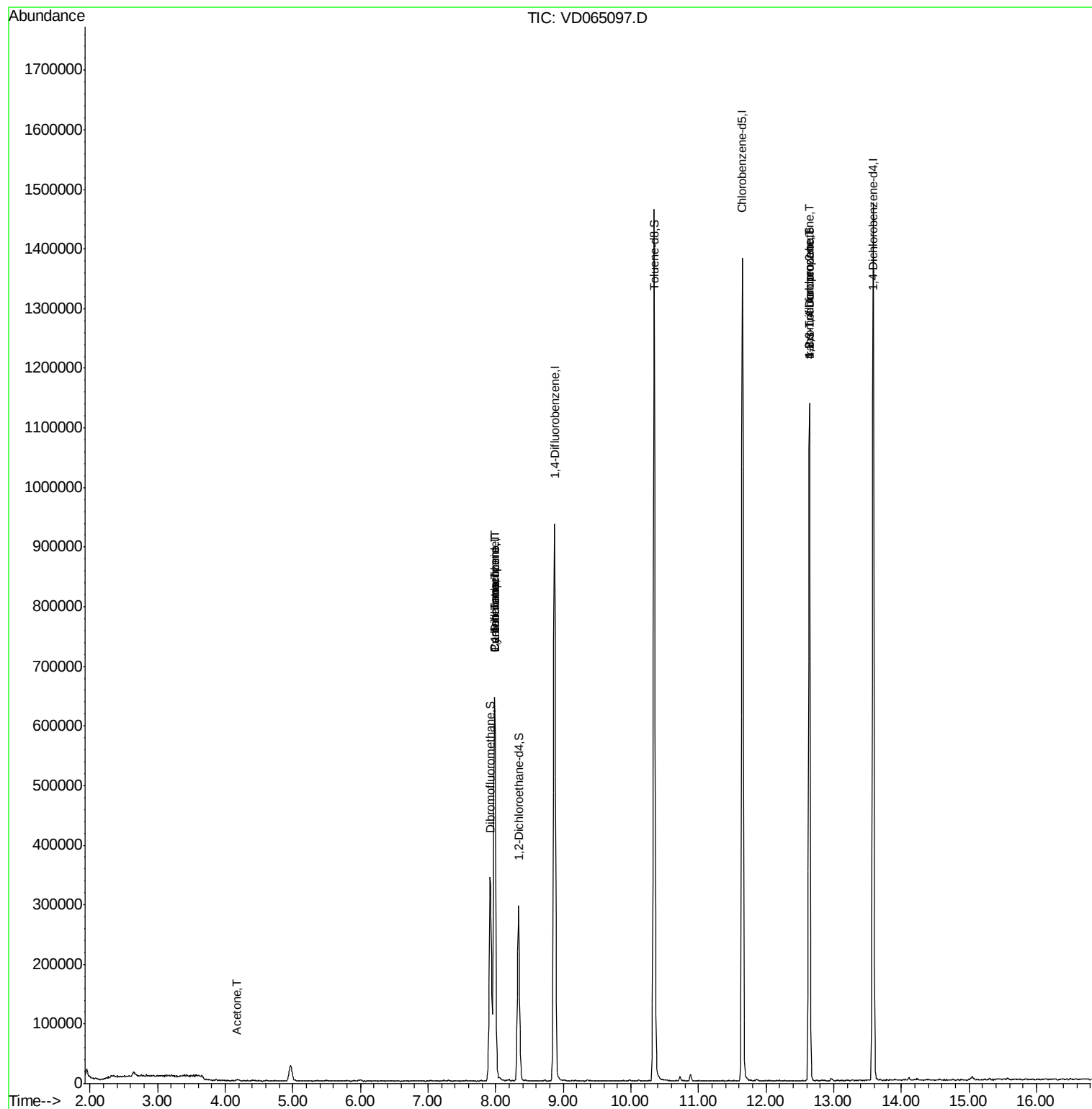
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	491054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	799945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	806367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	393929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	231611	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
35) Dibromofluoromethane	7.92	113	243583	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
50) Toluene-d8	10.34	98	982039	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
62) 4-Bromofluorobenzene	12.64	95	346379	61.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.06%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	3416	3.274	ug/l #	86
31) Cyclohexane	7.98	56	11023	1.328	ug/l #	22
36) 1,1-Dichloropropene	7.98	75	36954	4.968	ug/l #	48
38) Carbon Tetrachloride	7.98	117	46872	6.170	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	183808	61.630	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	183808	123.254	ug/l #	10

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020620\
Data File : VD065097.D
Acq On : 06 Feb 2020 20:13
Operator : VA/SY
Sample : L1390-05RE
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 07 06:10:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065097.D

Acq: 06 Feb 2020 20:13

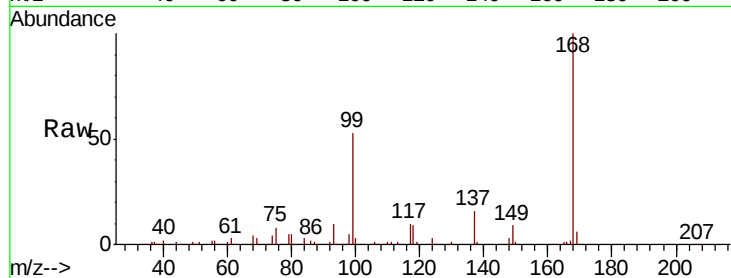
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 491054

Ion Ratio Lower Upper

168 100

99 53.0 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

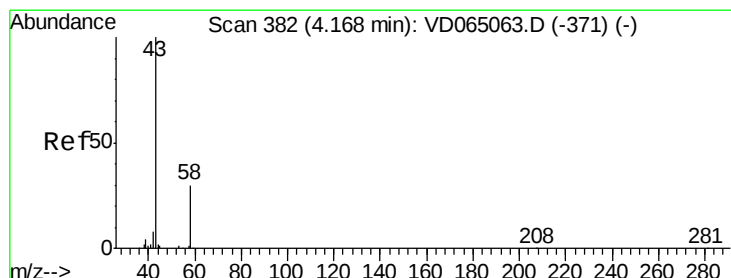
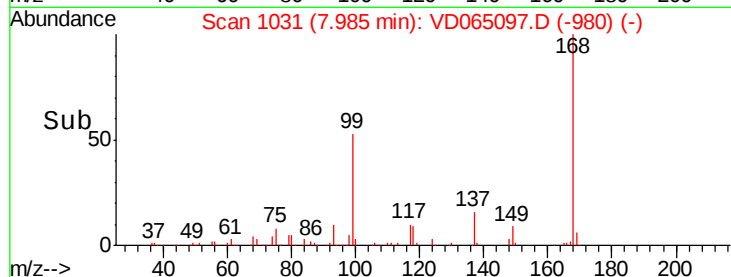
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.274 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065097.D

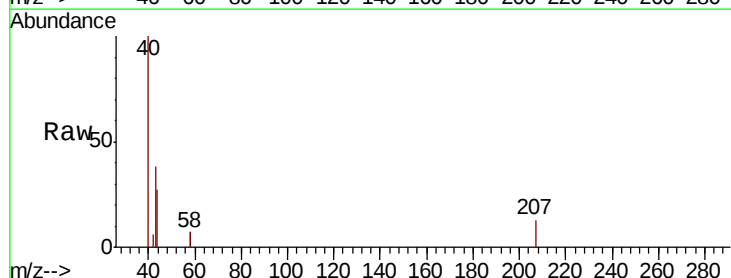
Acq: 06 Feb 2020 20:13

Tgt Ion: 43 Resp: 3416

Ion Ratio Lower Upper

43 100

58 36.8 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

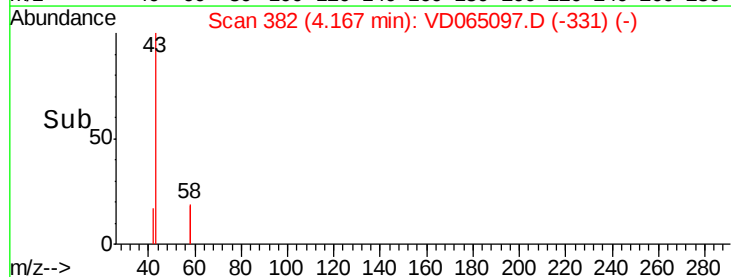
1500

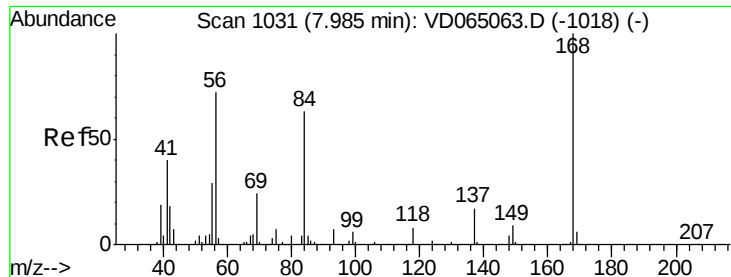
1000

500

0

Time-->

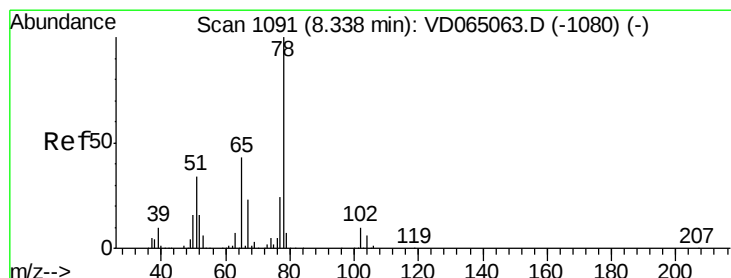
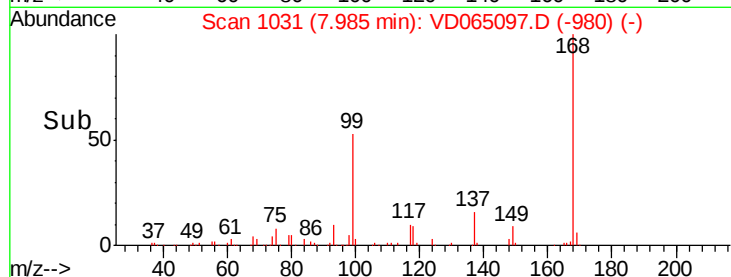
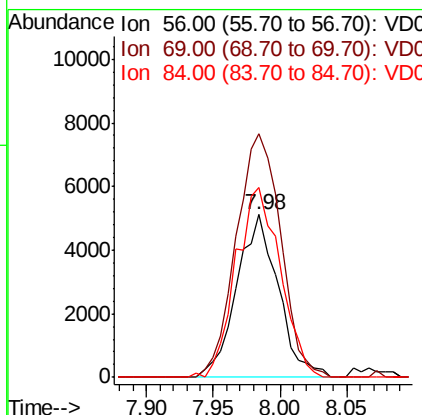
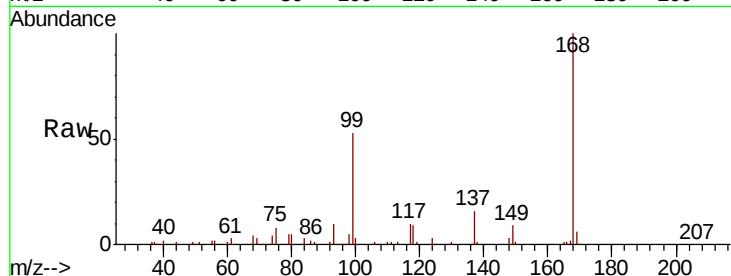




#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065097.D
Acq: 06 Feb 2020 20:13

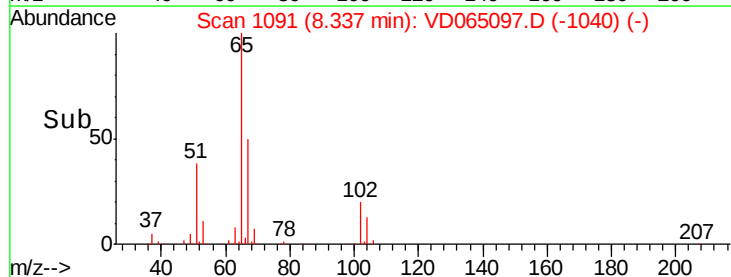
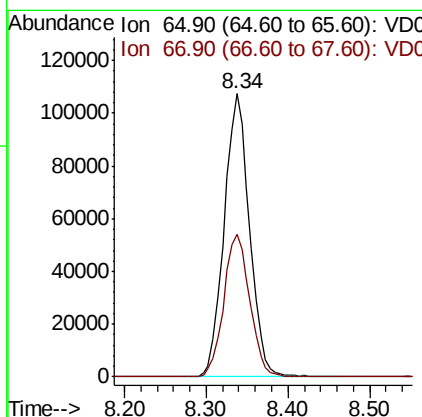
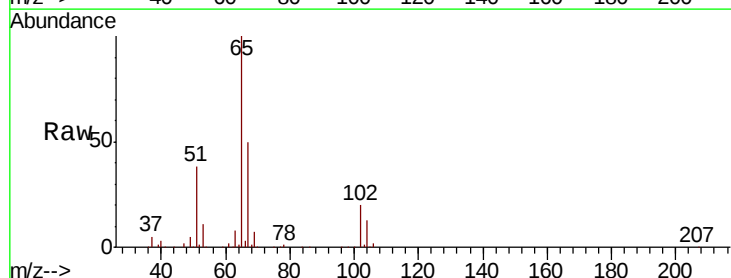
Instrument :
MSVOA_D
ClientSampled :

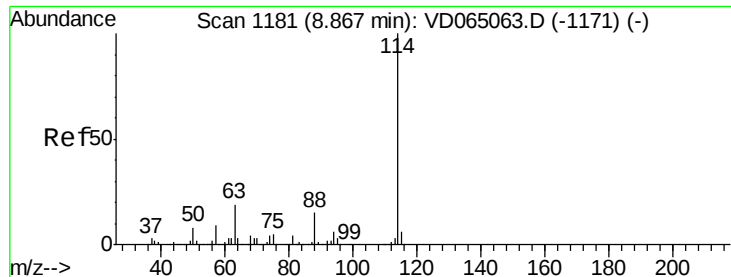
Tot Ion: 56 Resp: 11023
Ion Ratio Lower Upper
56 100
69 149.6 26.6 40.0#
84 116.8 70.6 106.0#



#33
1,2-Dichloroethane-d4
Concen: 55.495 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VD065097.D
Acq: 06 Feb 2020 20:13

Tgt Ion: 65 Resp: 231611
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8

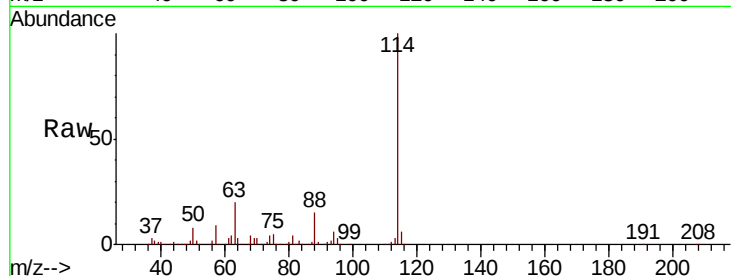




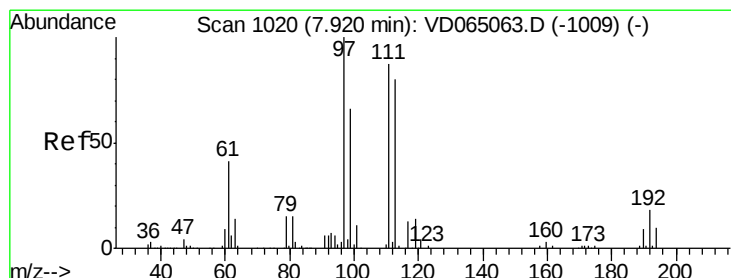
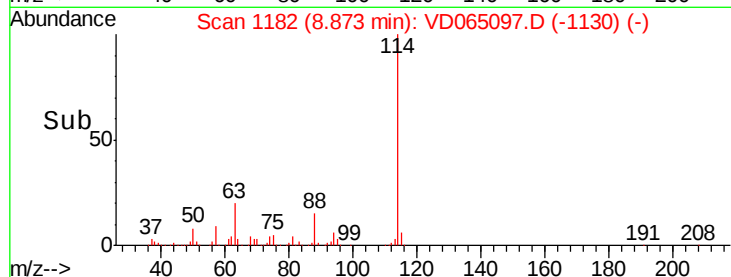
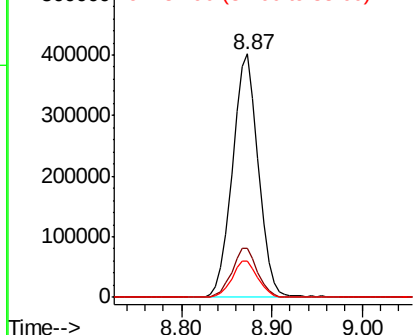
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD065097.D
 Acq: 06 Feb 2020 20:13

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.8
88	15.2	0.0	29.6

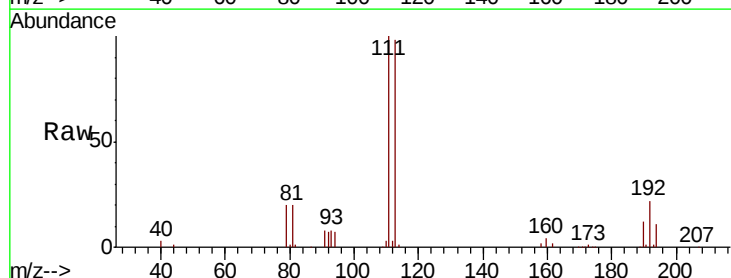


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

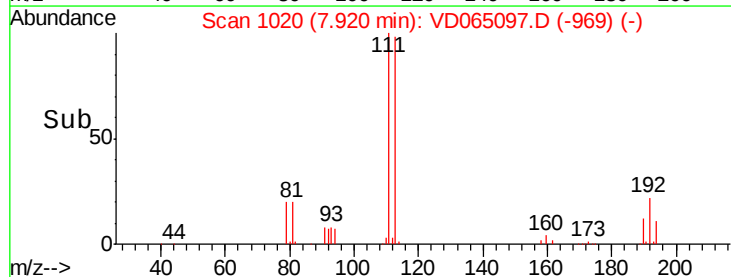
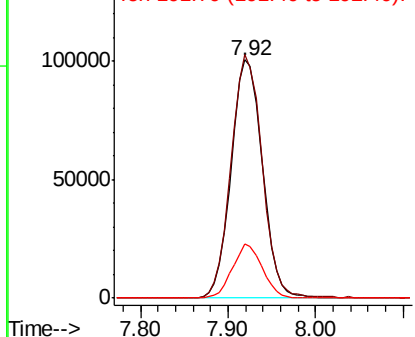


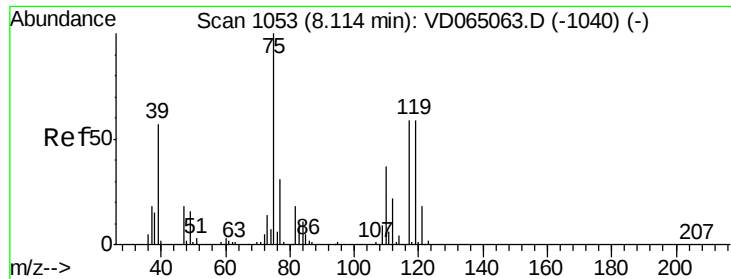
#35
 Dibromofluoromethane
 Concen: 54.576 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065097.D
 Acq: 06 Feb 2020 20:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.1	124.7
192	21.6	18.1	27.1



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

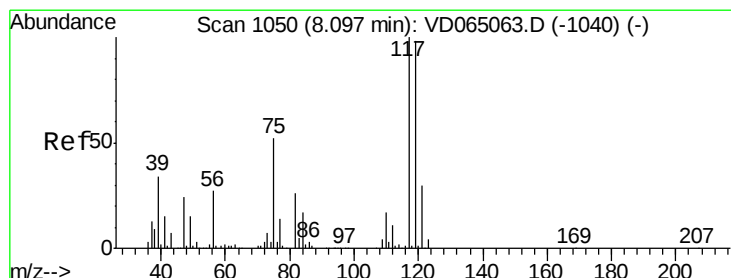
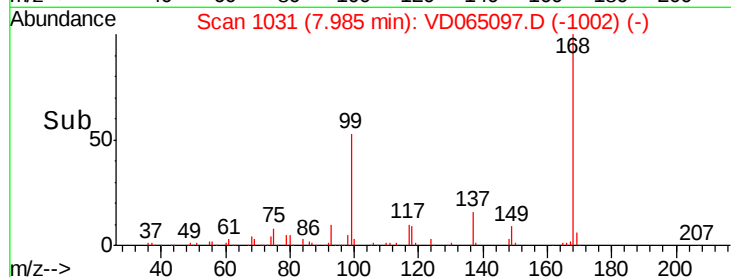
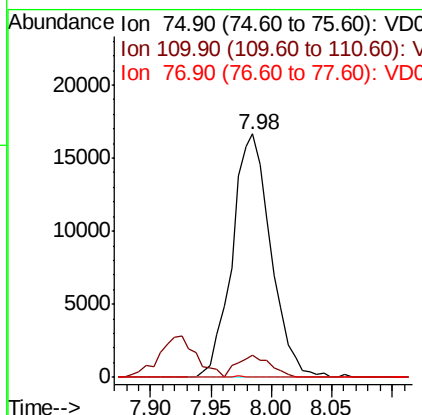
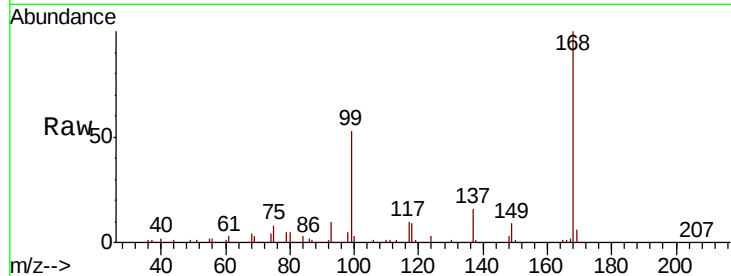




#36
 1,1-Dichloropropene
 Concen: 4.968 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065097.D
 Acq: 06 Feb 2020 20:13

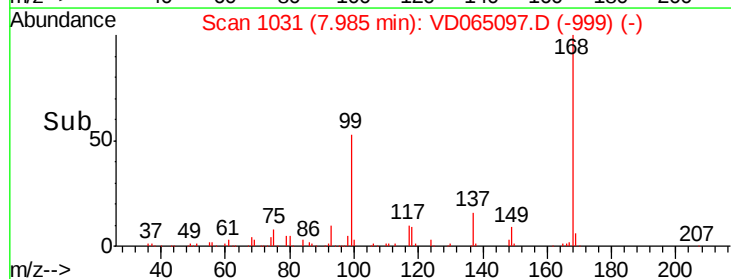
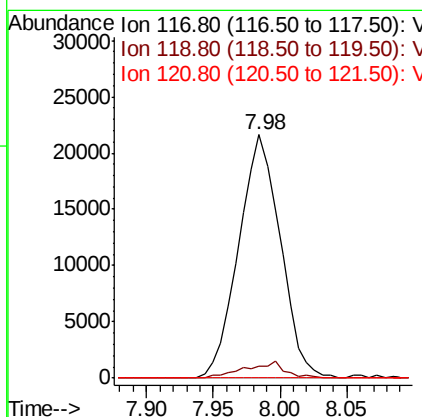
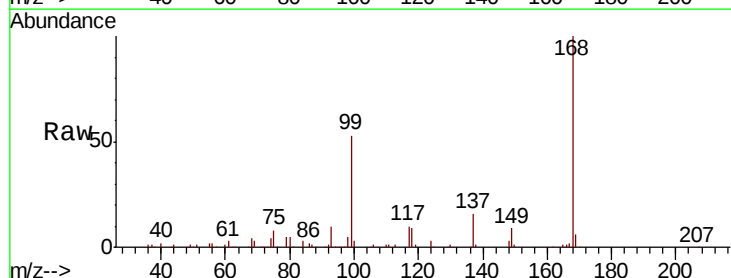
Instrument :
 MSVOA_D
 ClientSampleId :

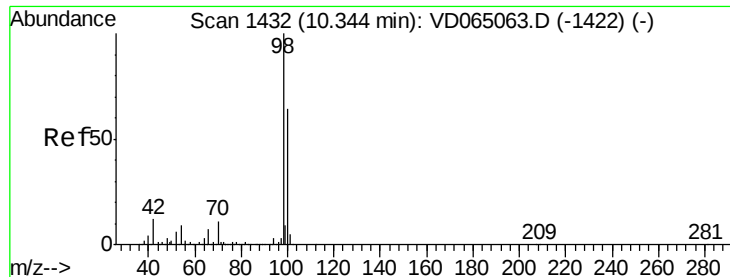
Tot Ion	75	Resp	36954
Ion Ratio	Lower	Upper	
75	100		
110	8.0	18.1	54.3#
77	0.1	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.170 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065097.D
 Acq: 06 Feb 2020 20:13

Tgt Ion	117	Resp	46872
Ion Ratio	Lower	Upper	
117	100		
119	5.1	78.5	117.7#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 55.280 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065097.D

Acq: 06 Feb 2020 20:13

Instrument :

MSVOA_D

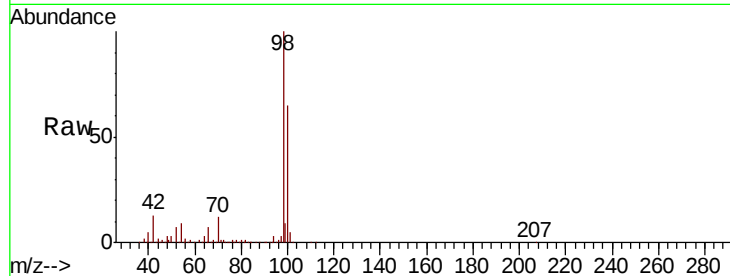
ClientSampleId :

Tot Ion: 98 Resp: 982039

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VD065063.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD065063.D (-1422) (-)

10.34

600000

500000

400000

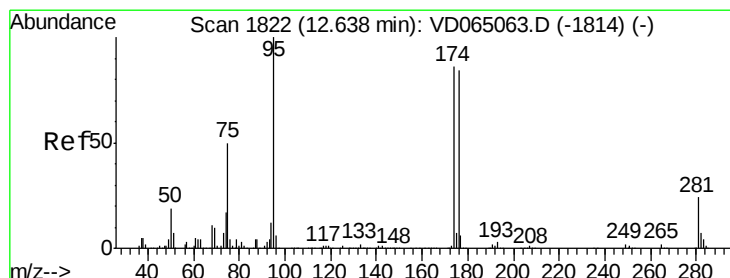
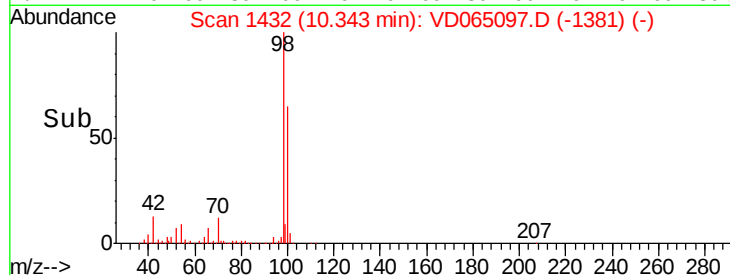
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 61.535 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065097.D

Acq: 06 Feb 2020 20:13

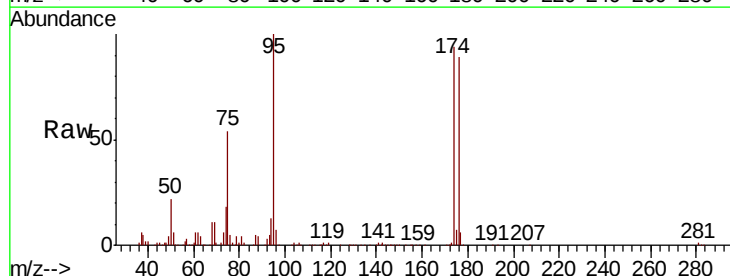
Tgt Ion: 95 Resp: 346379

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.0

176 87.6 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VD065063.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD065063.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD065063.D (-1814) (-)

12.64

250000

200000

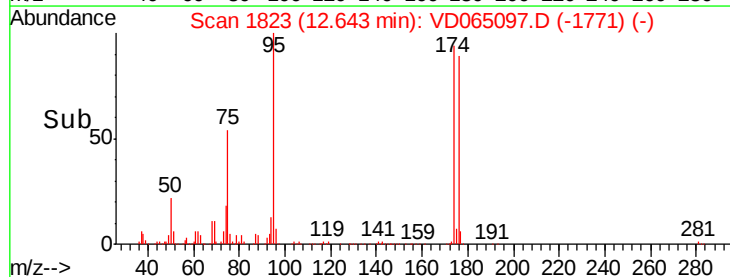
150000

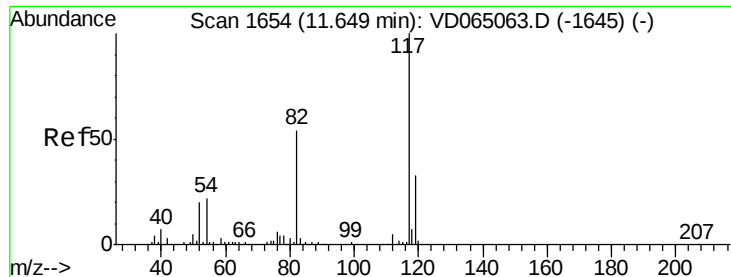
100000

50000

0

Time--> 12.60 12.70

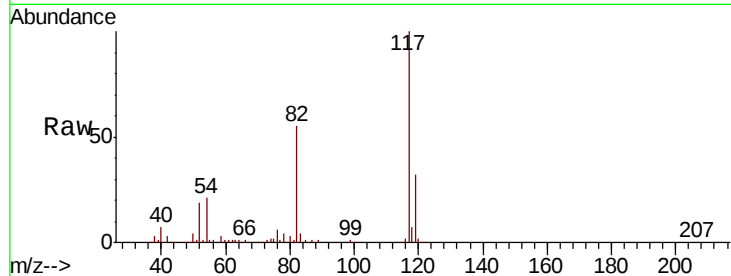




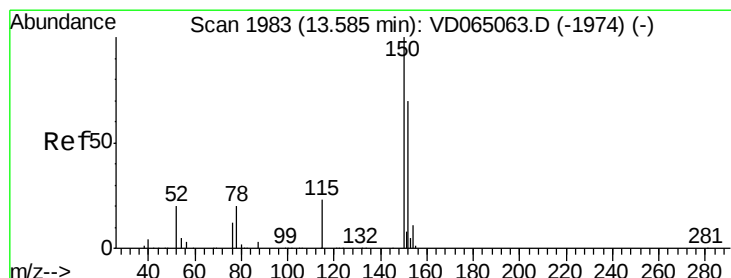
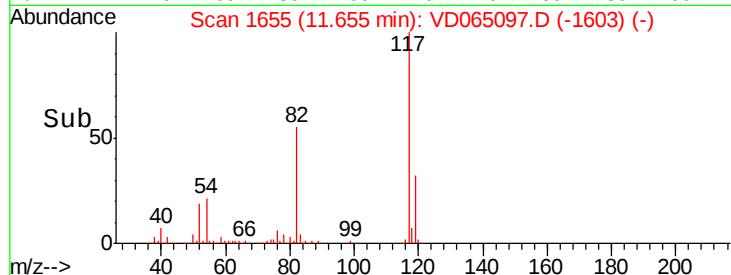
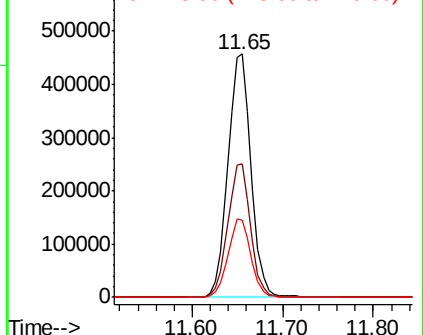
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD065097.D
Acq: 06 Feb 2020 20:13

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.1	64.7
119	31.9	26.0	39.0

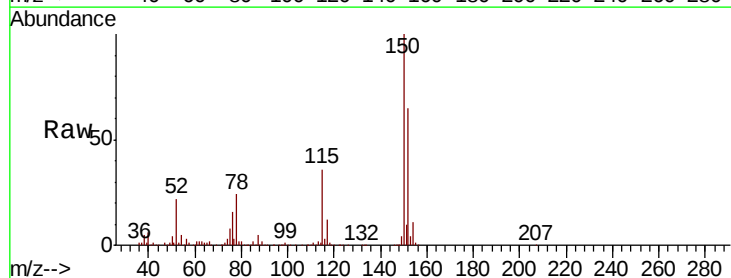


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

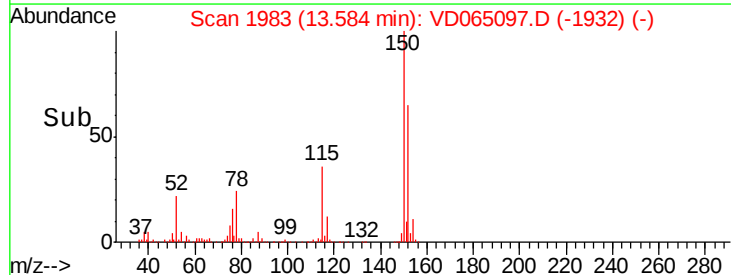
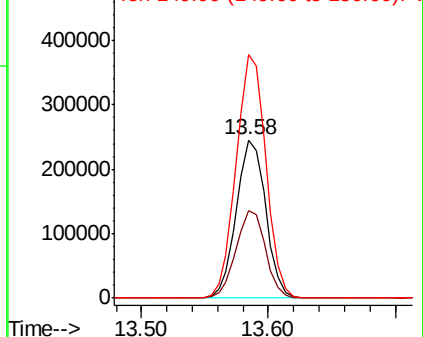


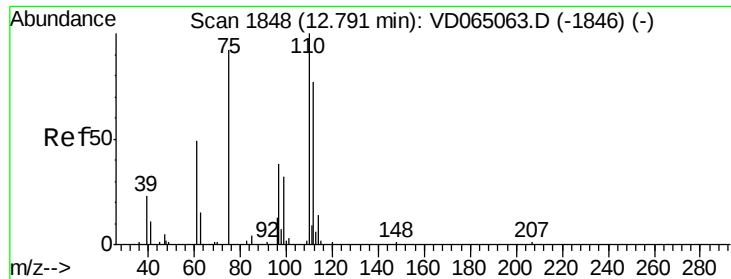
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065097.D
Acq: 06 Feb 2020 20:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.5	82.4
150	156.1	0.0	343.2



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





#76

1,2,3-Trichloropropane

Concen: 61.630 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065097.D

Acq: 06 Feb 2020 20:13

Instrument :

MSVOA_D

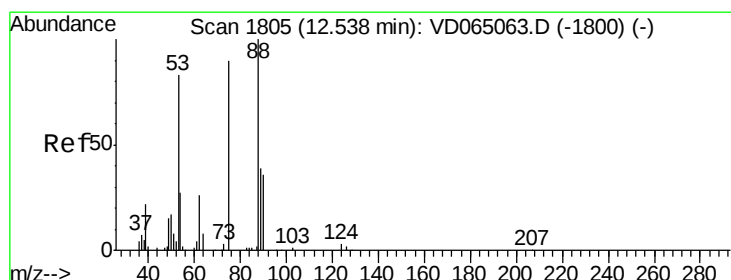
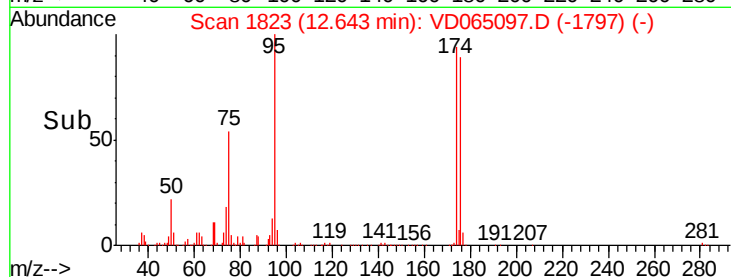
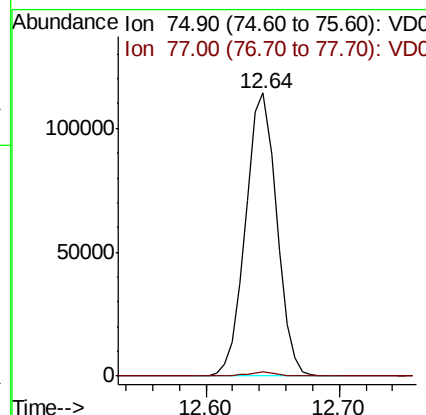
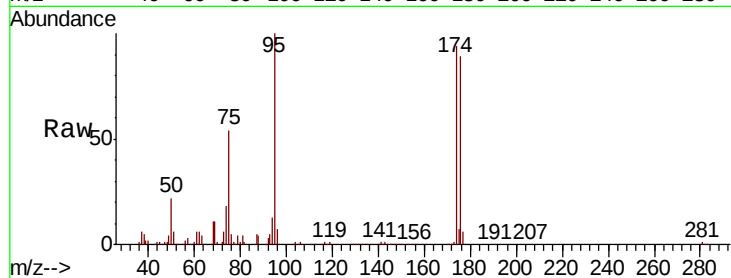
ClientSampled :

Tot Ion: 75 Resp: 183808

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.254 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065097.D

Acq: 06 Feb 2020 20:13

Tgt Ion: 75 Resp: 183808

Ion Ratio Lower Upper

75 100

53 0.2 78.5 117.7#

89 0.0 37.0 55.4#

