

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021920\
 Data File : VD065242.D
 Acq On : 19 Feb 2020 16:50
 Operator : VA/SY
 Sample : L1592-02
 Misc : 6.56G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 20 03:42:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

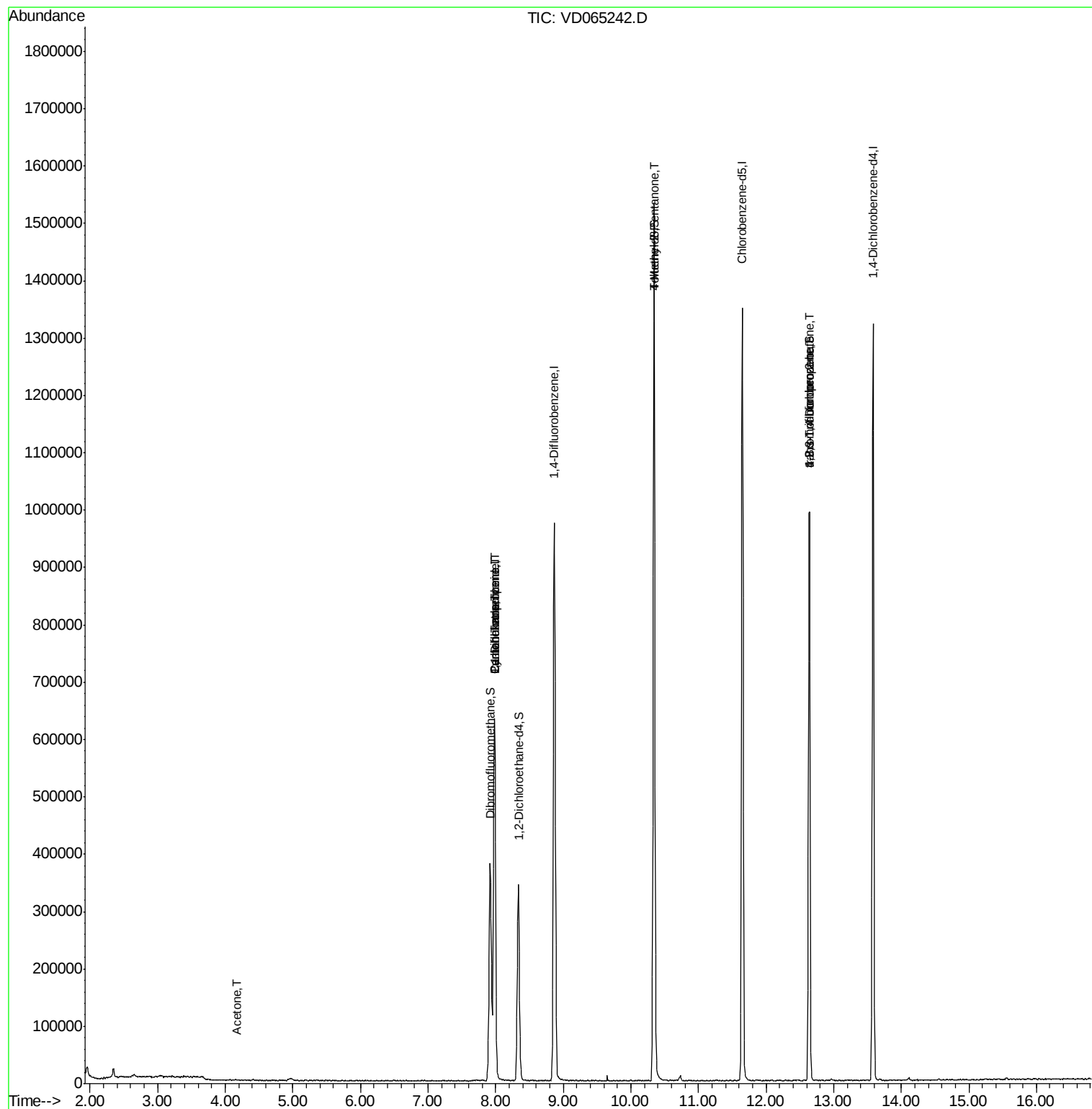
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	495248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	841512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	783661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	359934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	270741	60.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.54%	
35) Dibromofluoromethane	7.92	113	273642	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.34	98	1028974	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.64	95	320593	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
Target Compounds						
					Qvalue	
16) Acetone	4.17	43	1536	1.410	ug/l #	42
20) Methylene Chloride	4.96	84	3626	Below Cal	#	81
31) Cyclohexane	7.98	56	10393	1.186	ug/l #	2
36) 1,1-Dichloropropene	7.98	75	37265	4.551	ug/l #	48
38) Carbon Tetrachloride	7.98	117	46172	5.539	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	4215	1.333	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	162189	52.961	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	162189	114.352	ug/l #	11

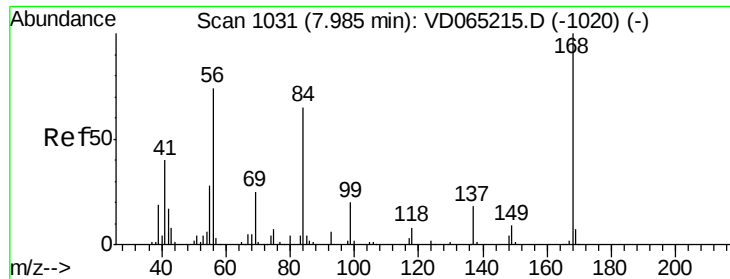
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 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: VD065242.D

Acq: 19 Feb 2020 16:50

Instrument :

MSVOA_D

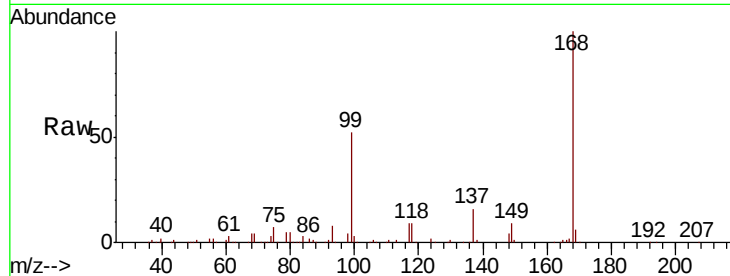
ClientSampleId :

Tot Ion:168 Resp: 495248

Ion Ratio Lower Upper

168 100

99 52.1 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

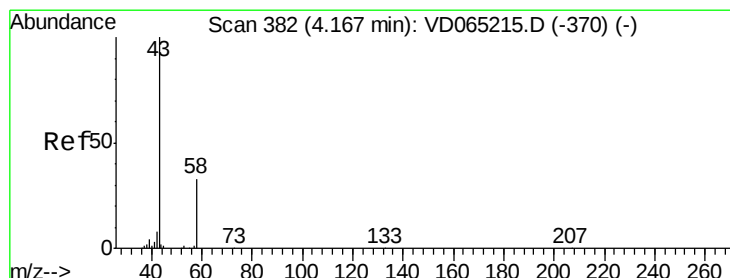
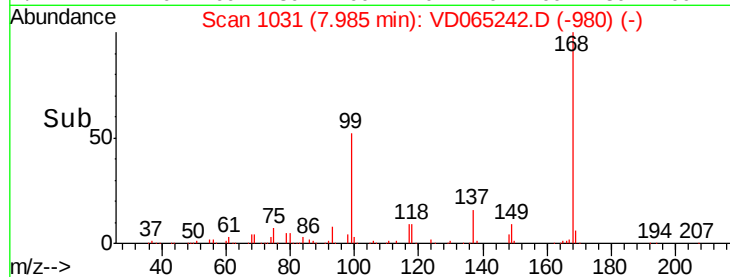
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.410 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065242.D

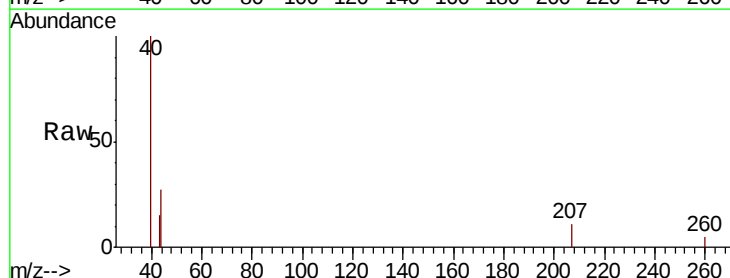
Acq: 19 Feb 2020 16:50

Tgt Ion: 43 Resp: 1536

Ion Ratio Lower Upper

43 100

58 0.0 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

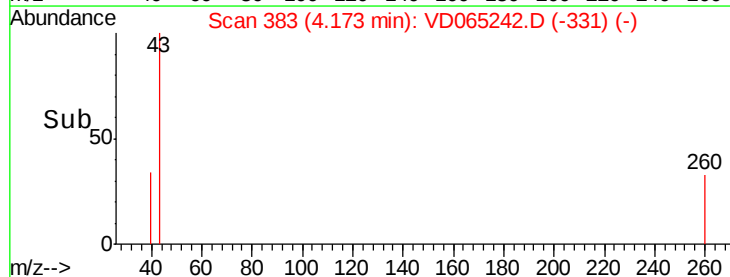
600

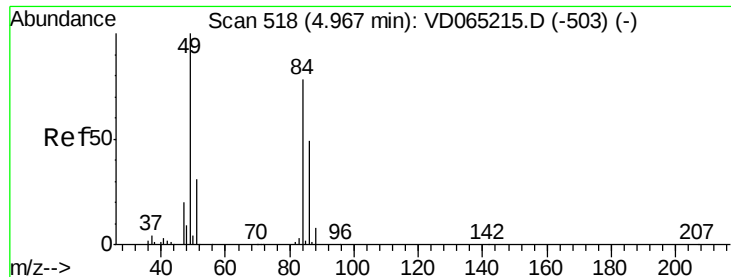
400

200

0

Time-->

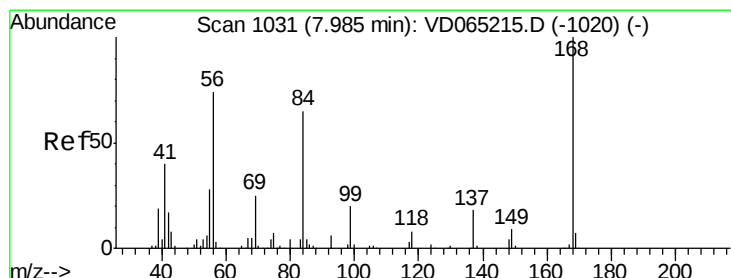
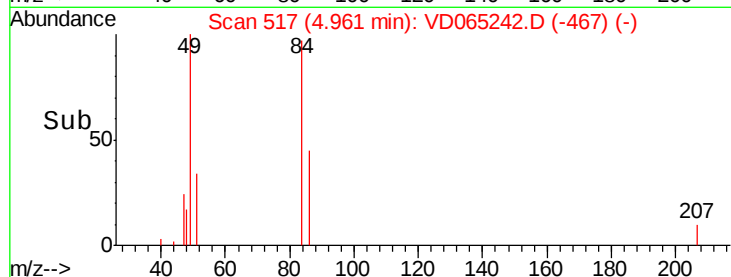
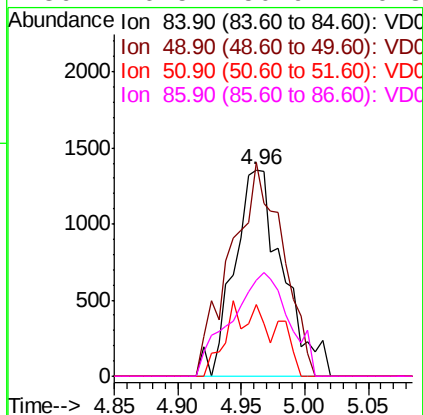
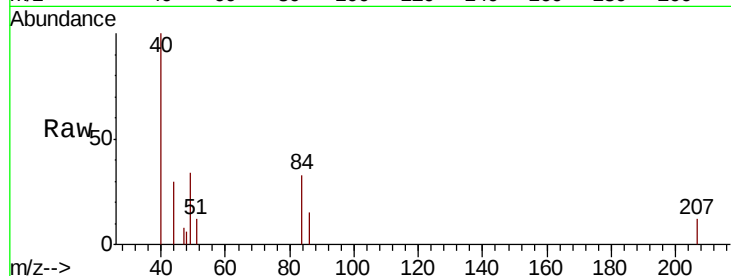




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065242.D
Acq: 19 Feb 2020 16:50

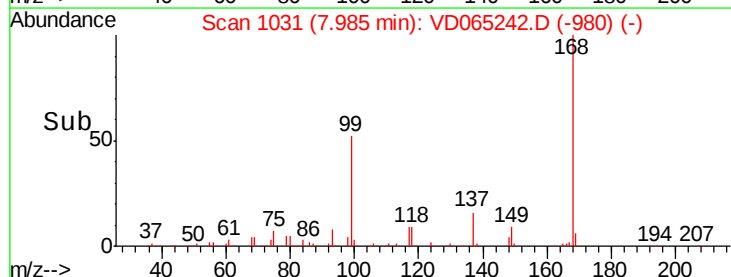
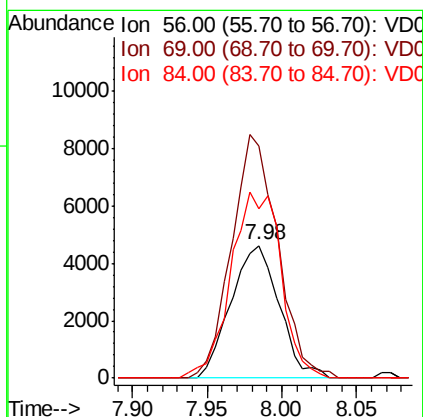
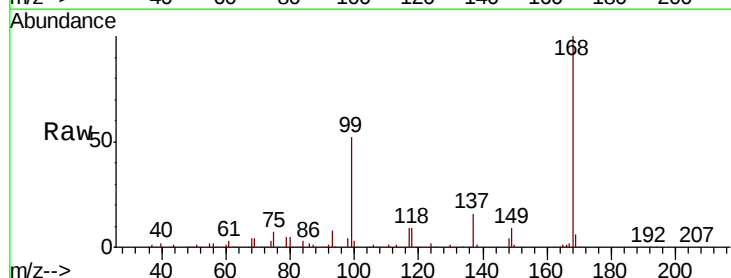
Instrument :
MSVOA_D
ClientSampleId :

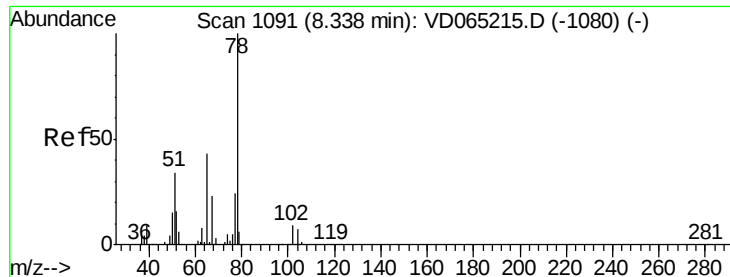
Tot Ion: 84 Resp: 3626
Ion Ratio Lower Upper
84 100
49 103.5 103.1 154.7
51 35.0 31.7 47.5
86 46.5 50.9 76.3#



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065242.D
Acq: 19 Feb 2020 16:50

Tgt Ion: 56 Resp: 10393
Ion Ratio Lower Upper
56 100
69 175.4 27.4 41.0#
84 127.7 71.1 106.7#

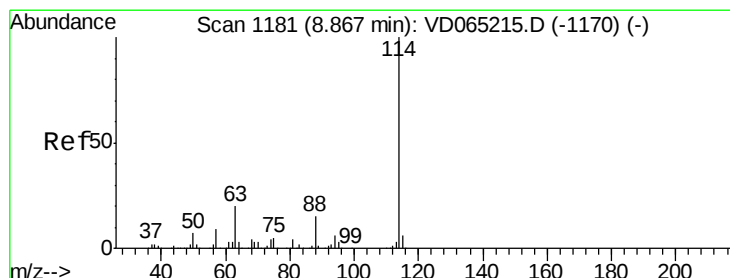
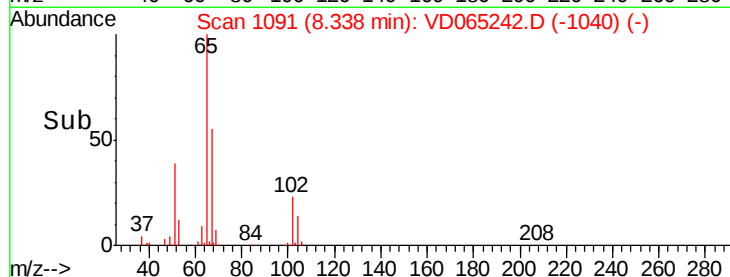
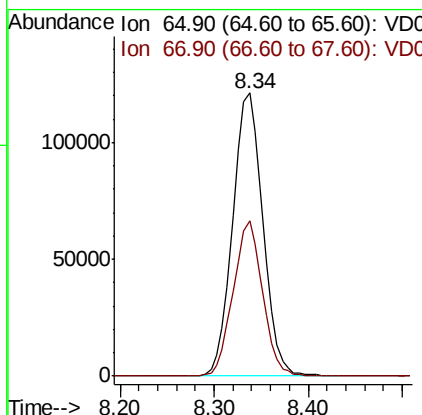
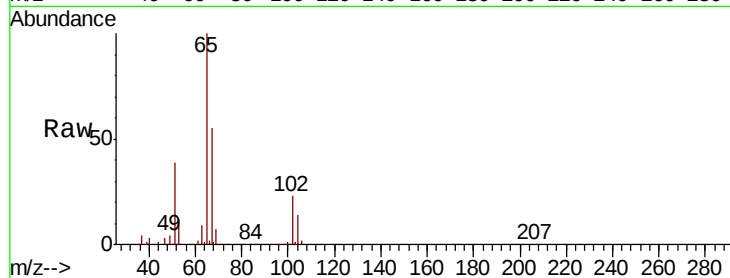




#33
 1,2-Dichloroethane-d4
 Concen: 60.768 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065242.D
 Acq: 19 Feb 2020 16:50

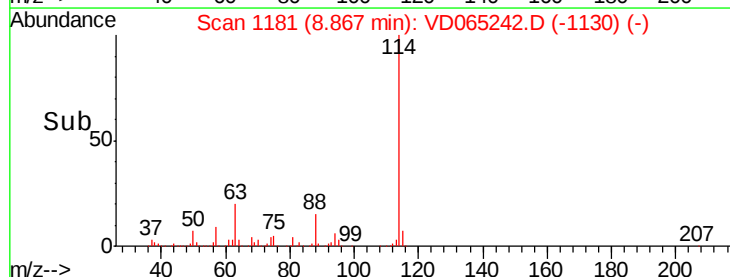
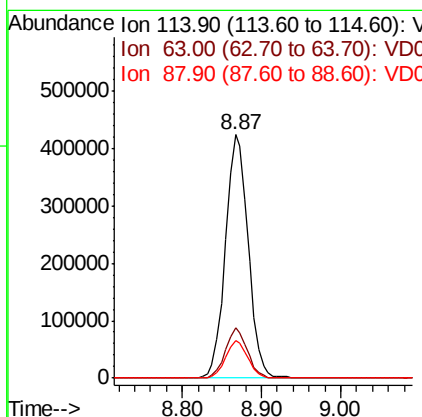
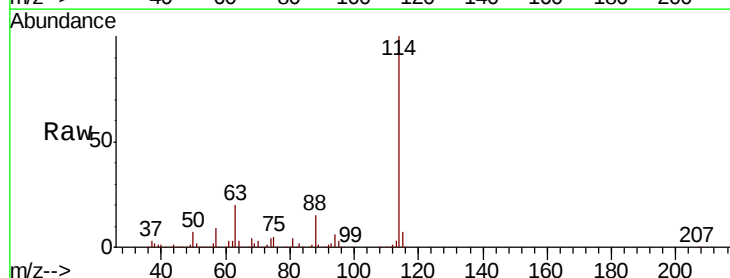
Instrument :
 MSVOA_D
 ClientSampleId :

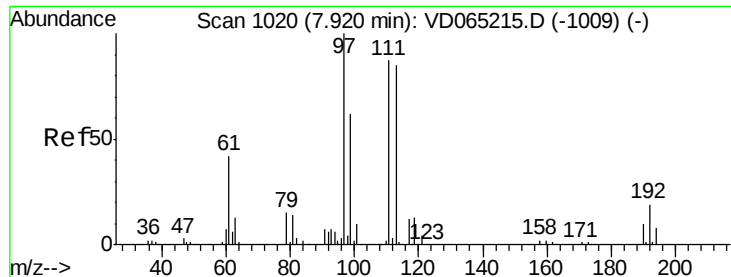
Tot Ion: 65 Resp: 270741
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065242.D
 Acq: 19 Feb 2020 16:50

Tgt Ion: 114 Resp: 841512
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 15.3 0.0 30.4

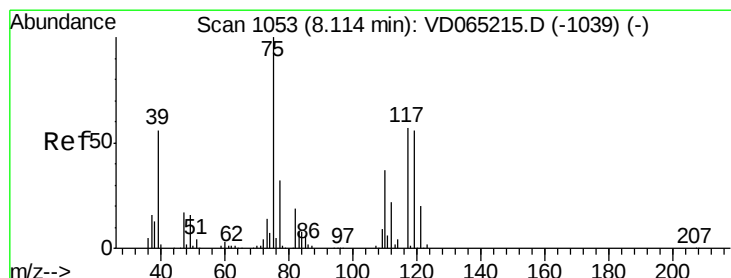
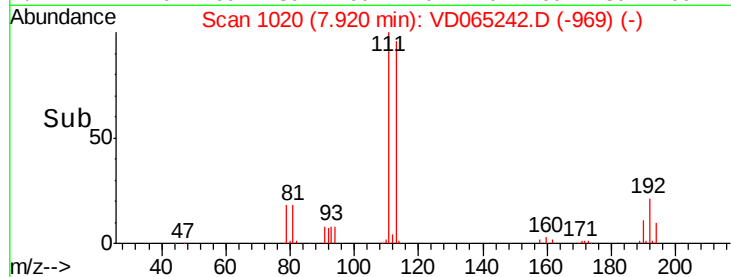
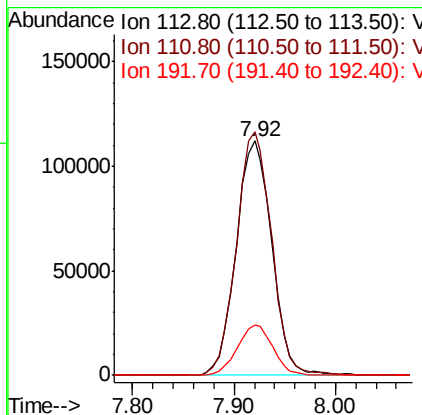
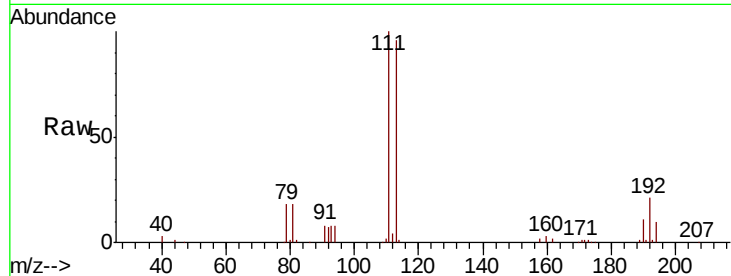




#35
 Dibromofluoromethane
 Concen: 53.331 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065242.D
 Acq: 19 Feb 2020 16:50

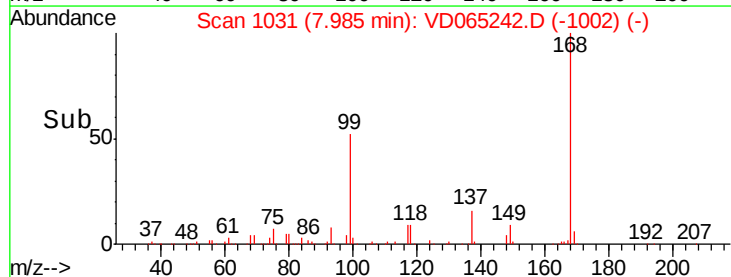
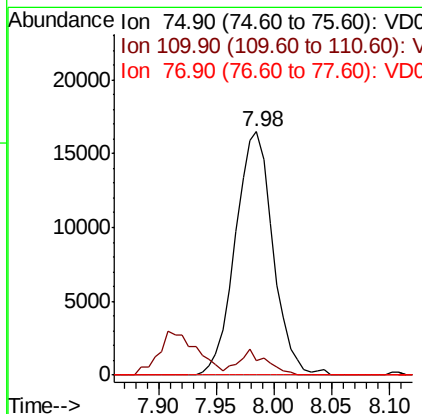
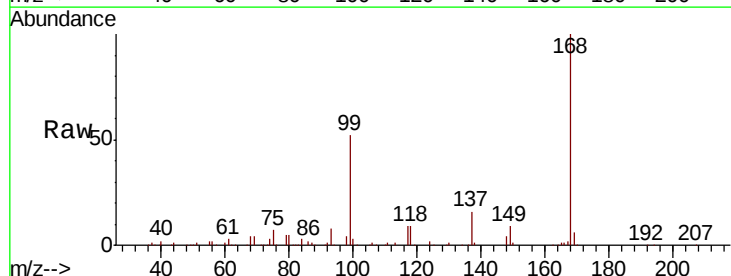
Instrument :
 MSVOA_D
 ClientSampleId :

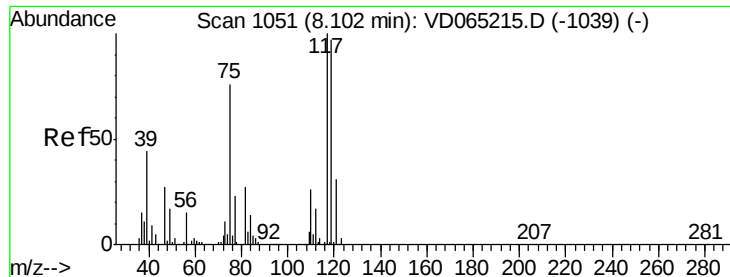
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	21.3	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.551 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065242.D
 Acq: 19 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.9	53.7#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.539 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.12 min

Lab File: VD065242.D

Acq: 19 Feb 2020 16:50

Instrument :

MSVOA_D

ClientSampleId :

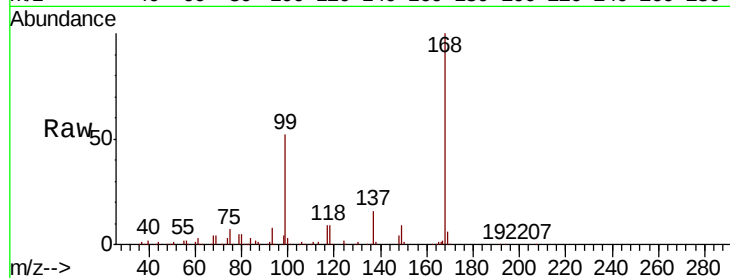
Tot Ion:117 Resp: 46172

Ion Ratio Lower Upper

117 100

119 5.4 77.6 116.4#

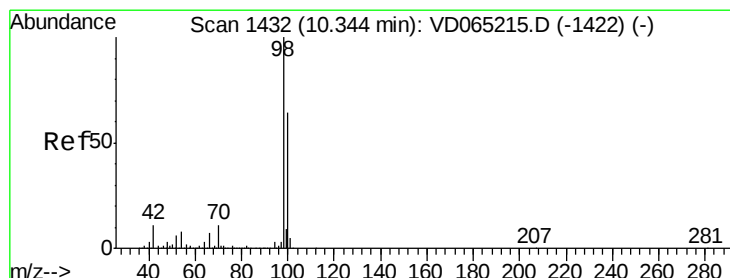
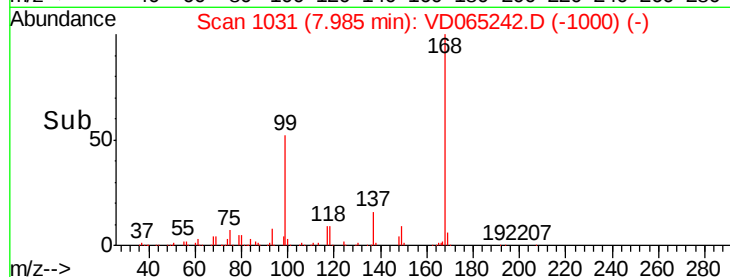
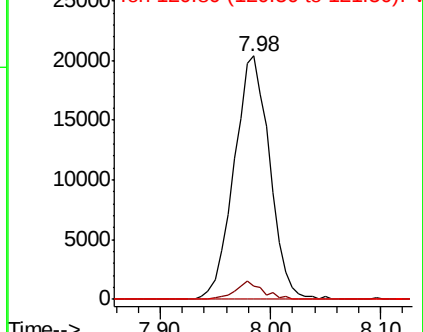
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.457 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065242.D

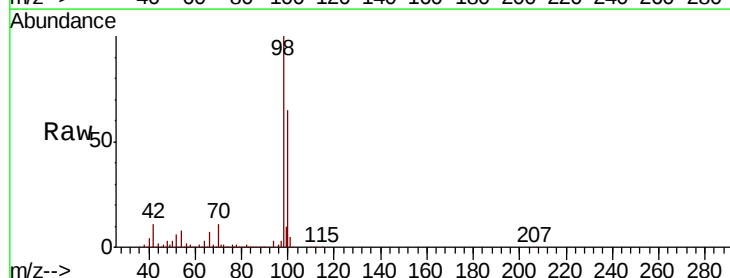
Acq: 19 Feb 2020 16:50

Tgt Ion: 98 Resp: 1028974

Ion Ratio Lower Upper

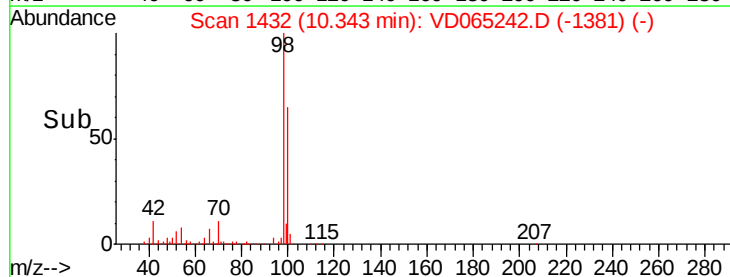
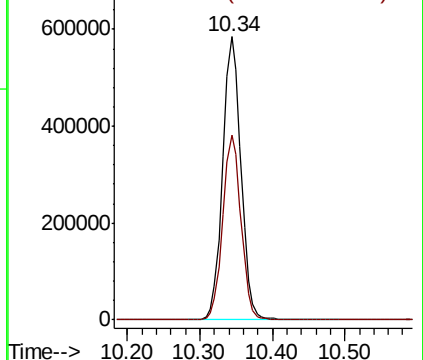
98 100

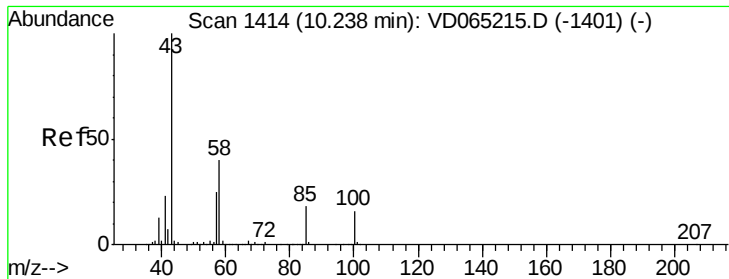
100 65.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.333 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065242.D

Acq: 19 Feb 2020 16:50

Instrument :

MSVOA_D

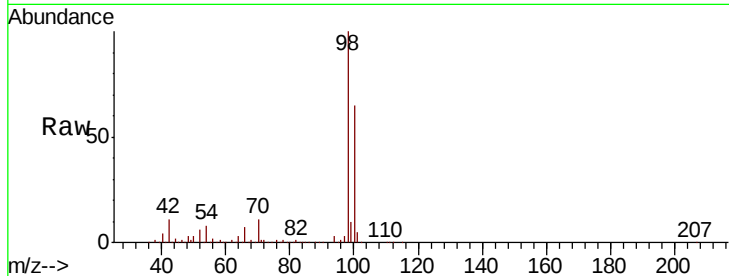
ClientSampleId :

Tot Ion: 43 Resp: 4215

Ion Ratio Lower Upper

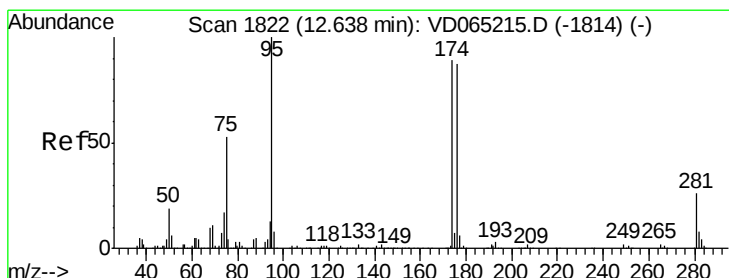
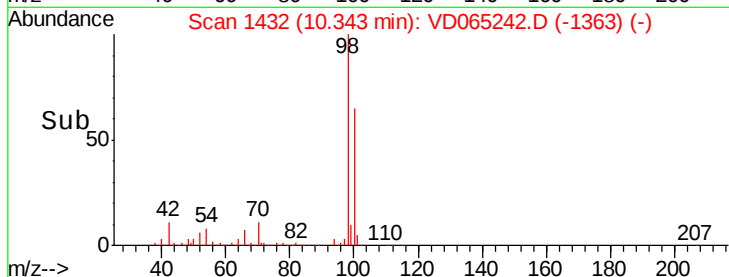
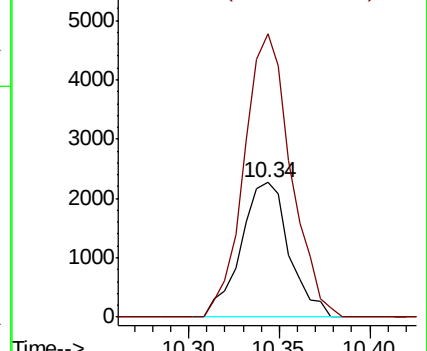
43 100

58 204.1 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.592 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065242.D

Acq: 19 Feb 2020 16:50

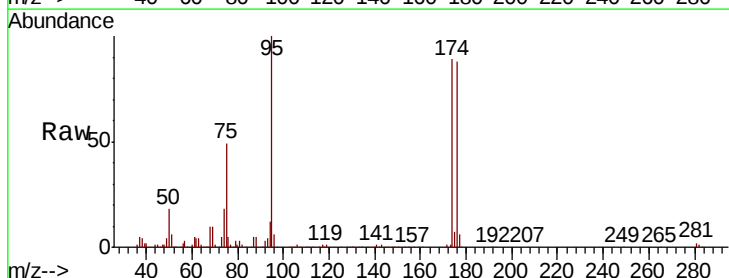
Tgt Ion: 95 Resp: 320593

Ion Ratio Lower Upper

95 100

174 88.0 0.0 178.0

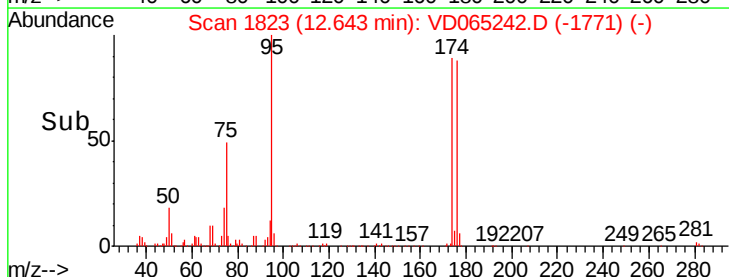
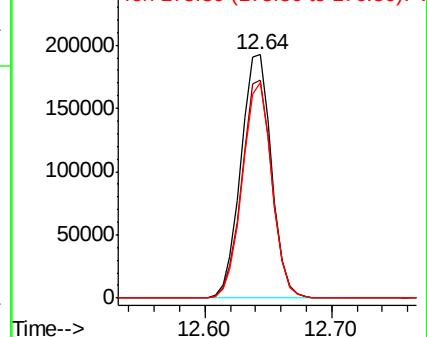
176 85.4 0.0 174.4

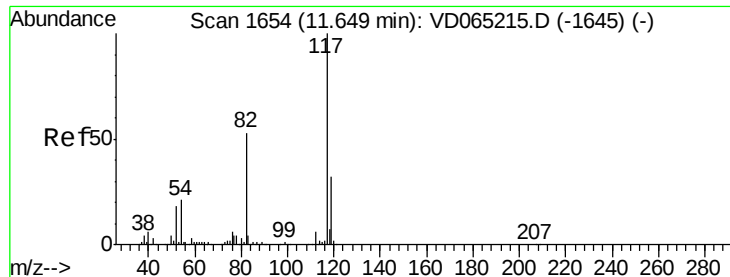


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

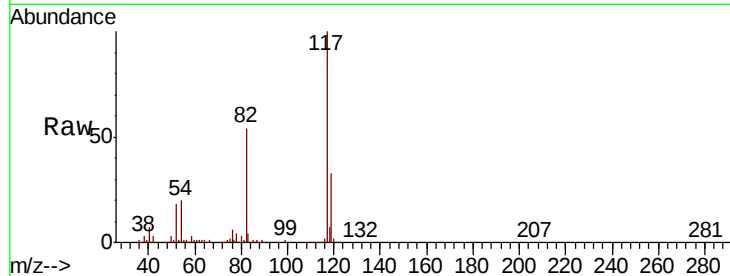




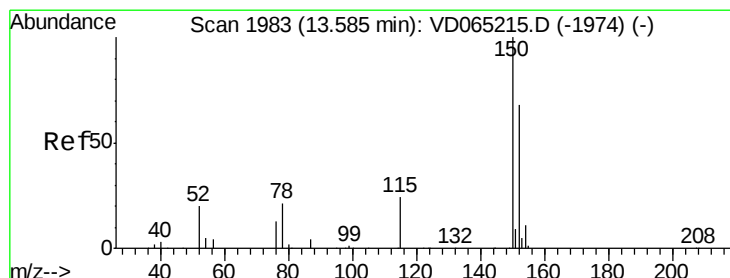
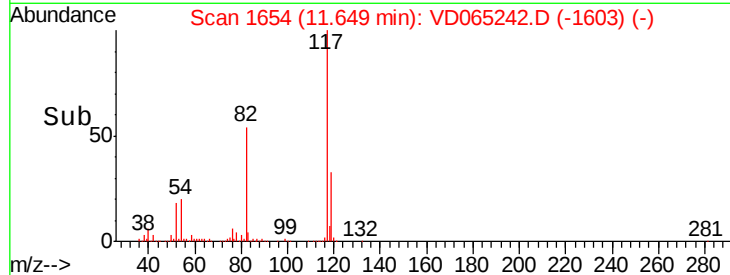
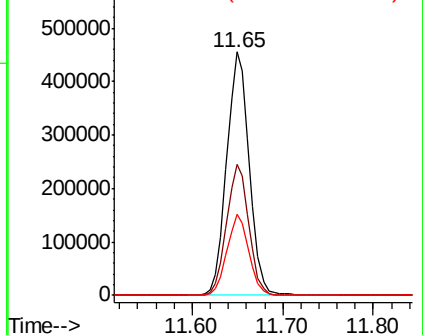
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065242.D
Acq: 19 Feb 2020 16:50

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 783661
Ion Ratio Lower Upper
117 100
82 53.5 42.7 64.1
119 33.3 25.5 38.3

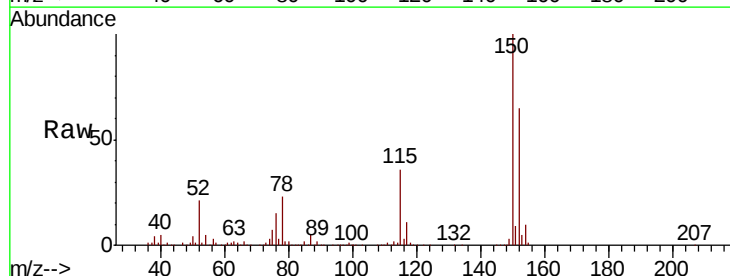


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

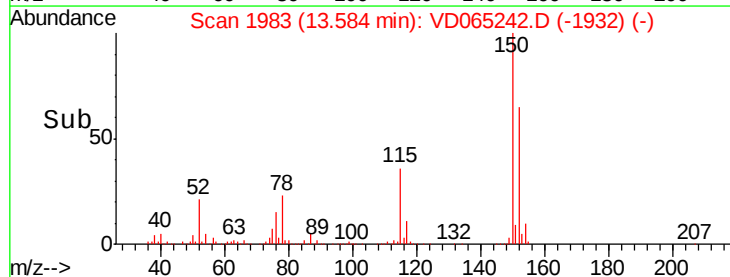
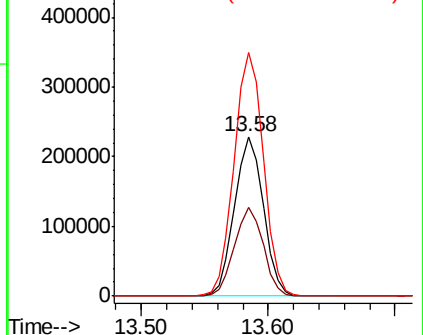


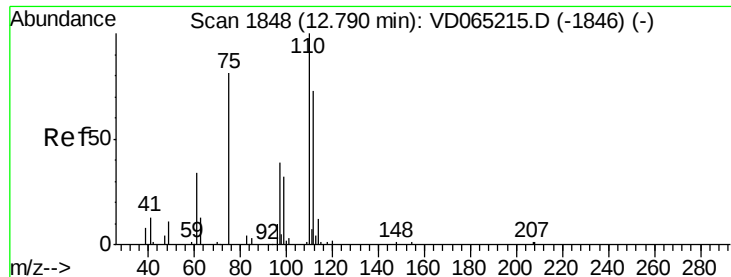
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065242.D
Acq: 19 Feb 2020 16:50

Tgt Ion:152 Resp: 359934
Ion Ratio Lower Upper
152 100
115 55.7 27.6 82.8
150 155.6 0.0 347.4



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: 52.961 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065242.D

Acq: 19 Feb 2020 16:50

Instrument :

MSVOA_D

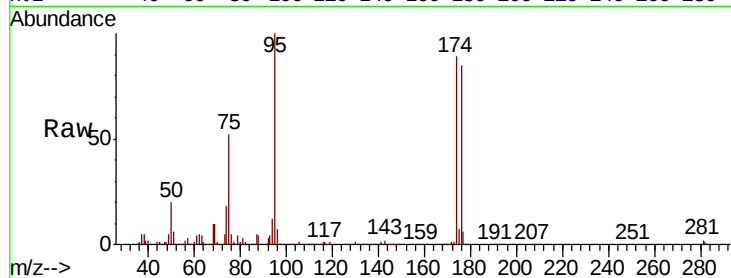
ClientSampleId :

Tot Ion: 75 Resp: 162189

Ion Ratio Lower Upper

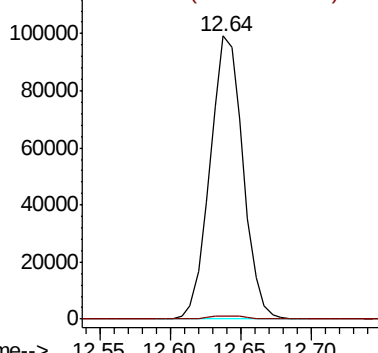
75 100

77 1.3 0.0 0.0#

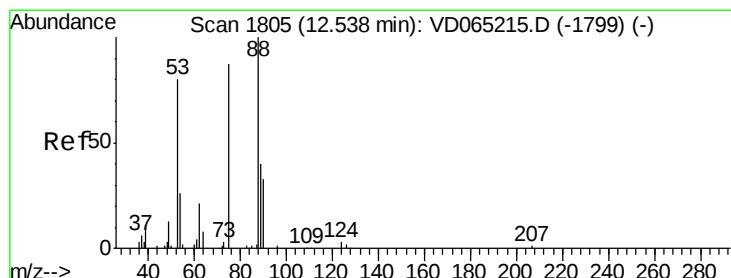
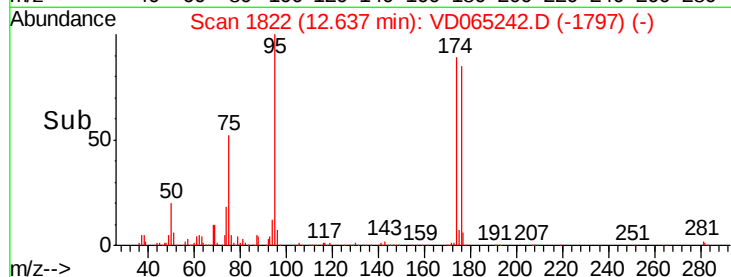


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 114.352 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065242.D

Acq: 19 Feb 2020 16:50

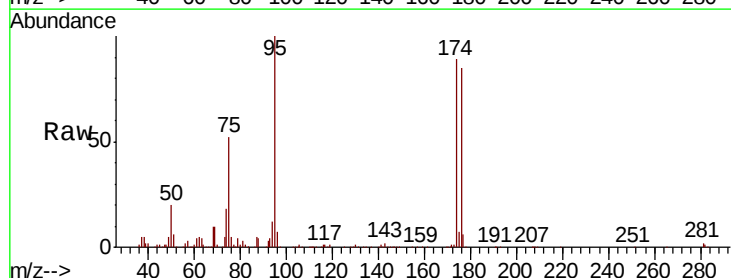
Tgt Ion: 75 Resp: 162189

Ion Ratio Lower Upper

75 100

53 0.1 77.6 116.4#

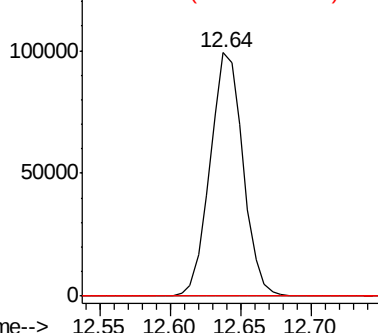
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



Time--> 12.55 12.60 12.65 12.70

