

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021820\
 Data File : VD065223.D
 Acq On : 18 Feb 2020 17:16
 Operator : VA/SY
 Sample : L1484-02
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Feb 19 03:32:12 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

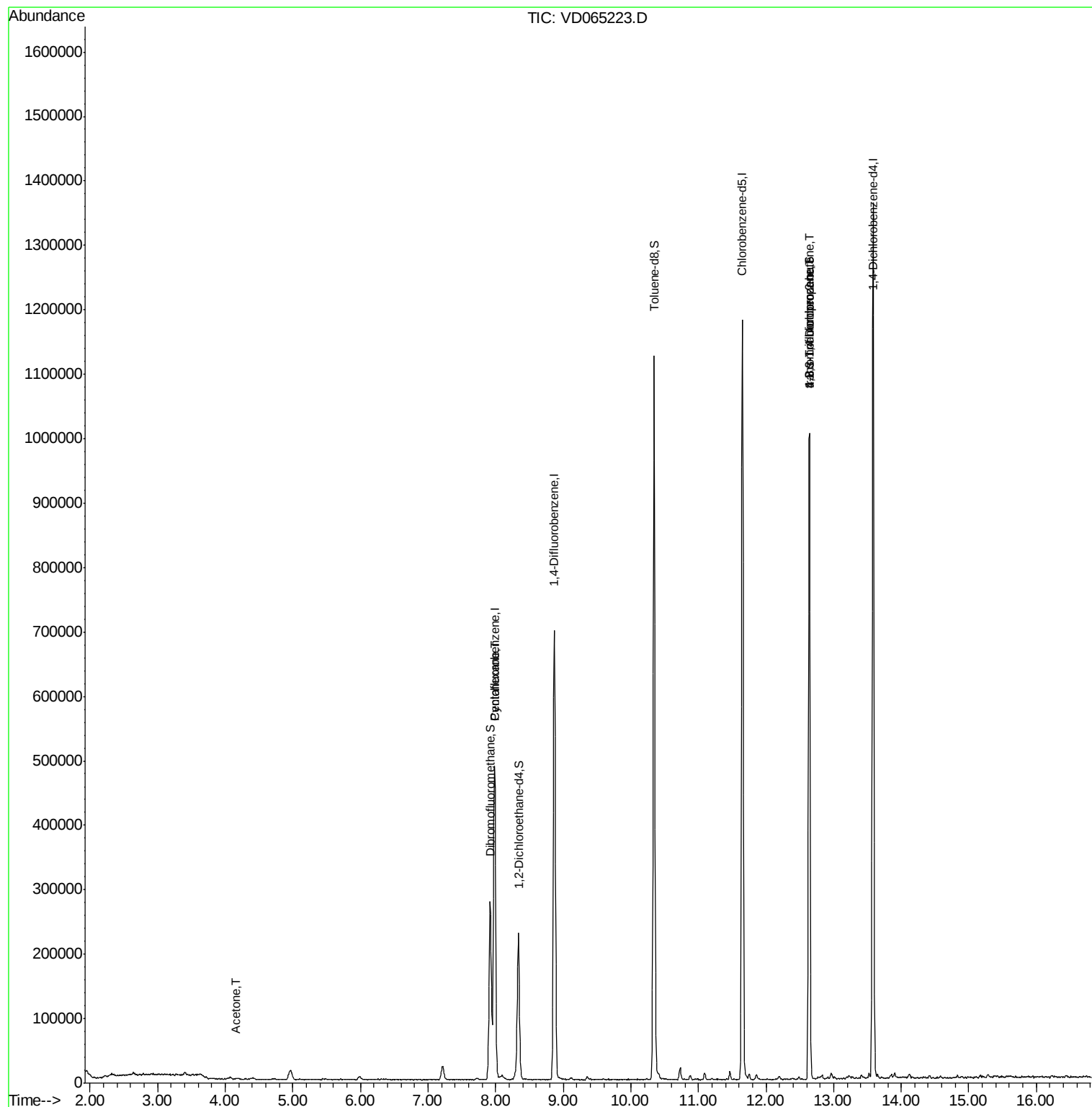
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	388159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	611756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	690299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	362783	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	176568	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	7.92	113	192705	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.34	98	760770	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.64	95	316484	70.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	140.12%	
Target Compounds						
16) Acetone	4.16	43	1459	1.709	ug/l	97
20) Methylene Chloride	4.95	84	5888	Below Cal	#	73
31) Cyclohexane	7.98	56	9028	1.315	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	158386	51.313	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	158386	110.794	ug/l #	11

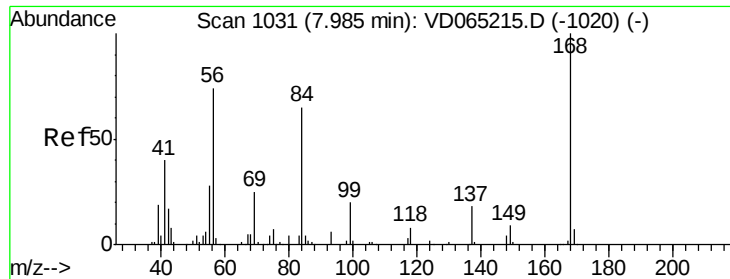
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD021820\
Data File : VD065223.D
Acq On : 18 Feb 2020 17:16
Operator : VA/SY
Sample : L1484-02
Misc : 5.10G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-2

Quant Time: Feb 19 03:32:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
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: VD065223.D

Acq: 18 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleID :

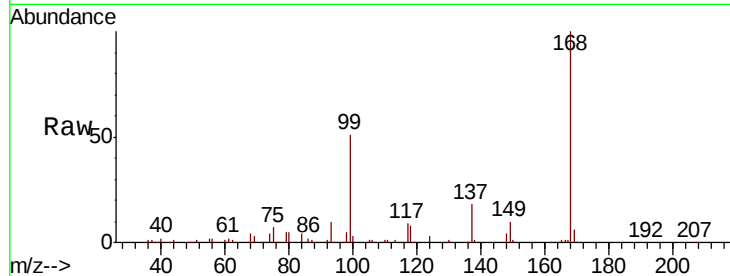
SP-2

Tot Ion:168 Resp: 388159

Ion Ratio Lower Upper

168 100

99 50.7 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

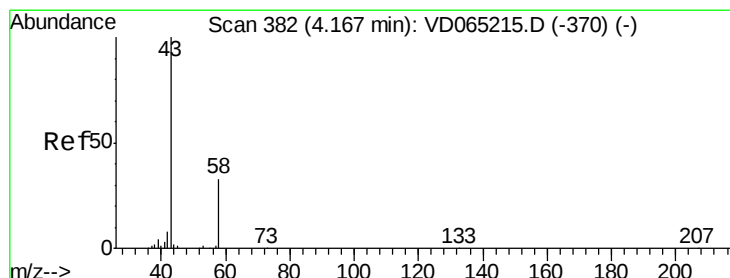
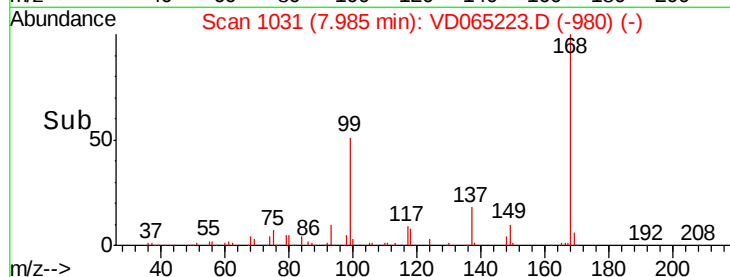
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.709 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065223.D

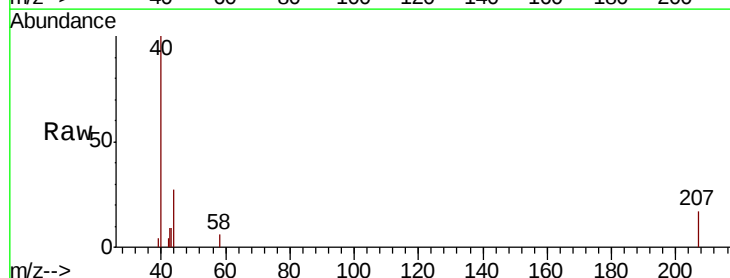
Acq: 18 Feb 2020 17:16

Tgt Ion: 43 Resp: 1459

Ion Ratio Lower Upper

43 100

58 34.6 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

800

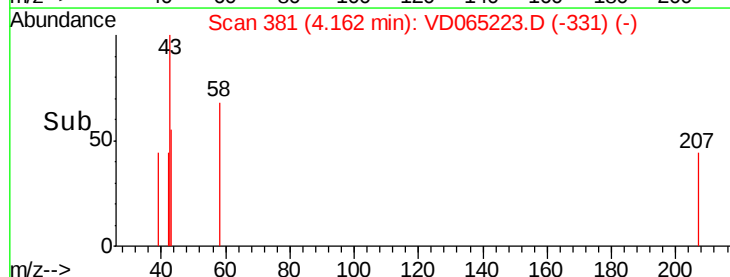
600

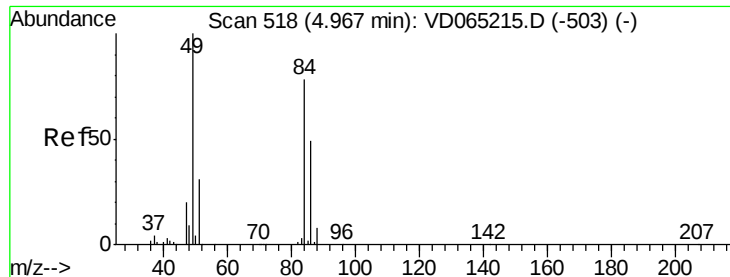
400

200

0

Time-->

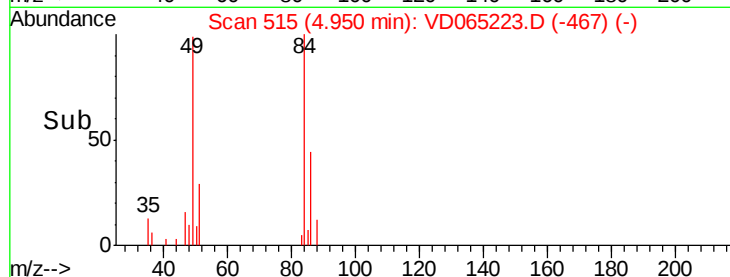
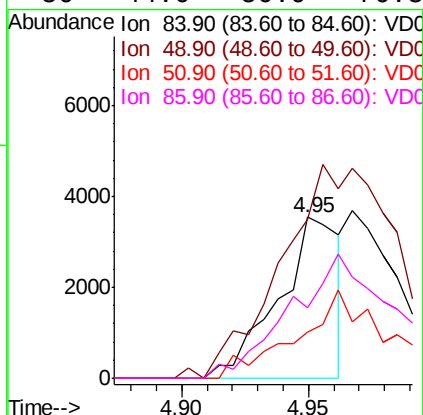
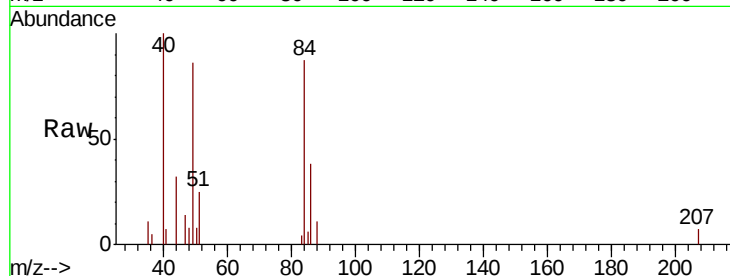




#20
Methylene Chloride
Concen: Below Cal
RT: 4.95 min Scan# 515
Delta R.T. -0.02 min
Lab File: VD065223.D
Acq: 18 Feb 2020 17:16

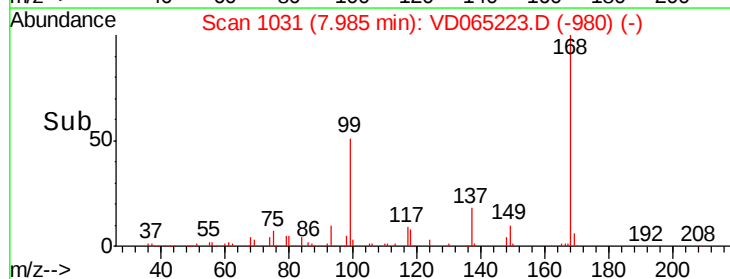
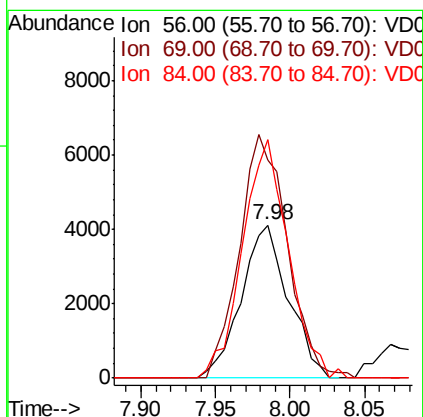
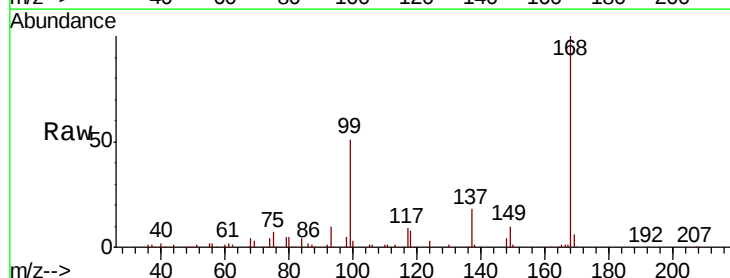
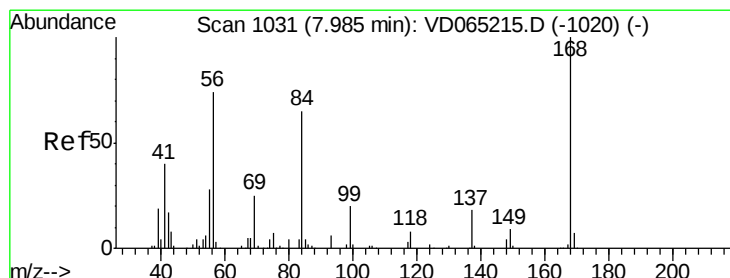
Instrument :
MSVOA_D
ClientSampleId :
SP-2

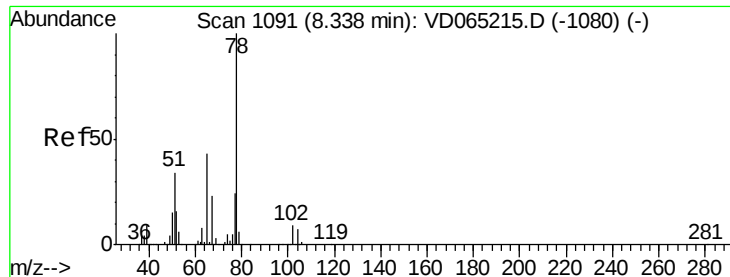
Tot Ion: 84 Resp: 5888
Ion Ratio Lower Upper
84 100
49 92.7 103.1 154.7#
51 28.7 31.7 47.5#
86 44.0 50.9 76.3#



#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065223.D
Acq: 18 Feb 2020 17:16

Tgt Ion: 56 Resp: 9028
Ion Ratio Lower Upper
56 100
69 142.3 27.4 41.0#
84 156.0 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 50.565 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065223.D

Acq: 18 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

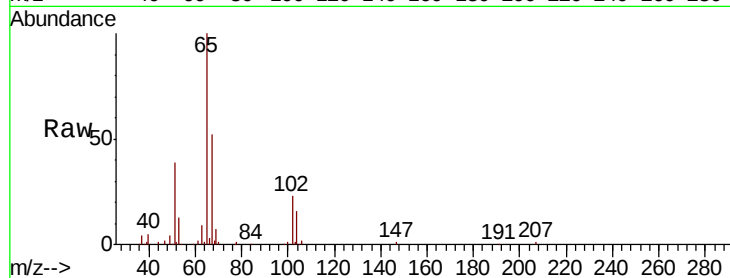
SP-2

Tot Ion: 65 Resp: 176568

Ion Ratio Lower Upper

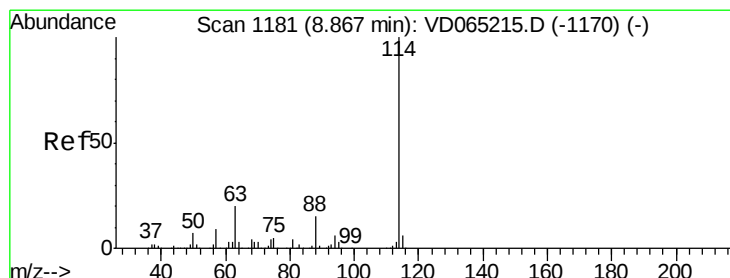
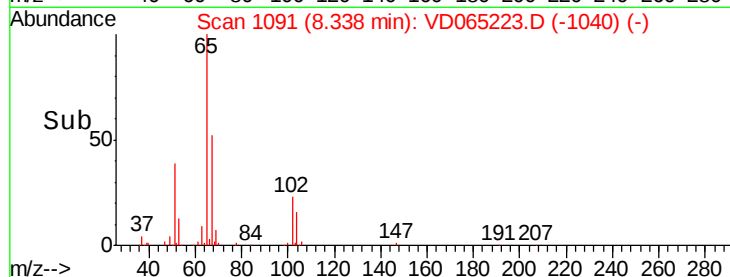
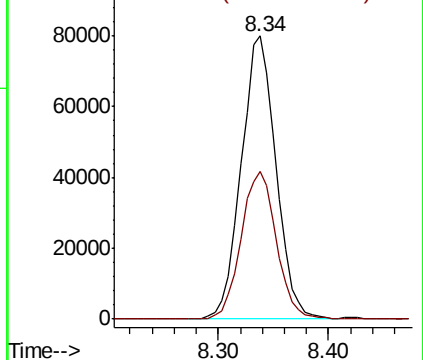
65 100

67 52.9 0.0 106.8



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. 0.00 min

Lab File: VD065223.D

Acq: 18 Feb 2020 17:16

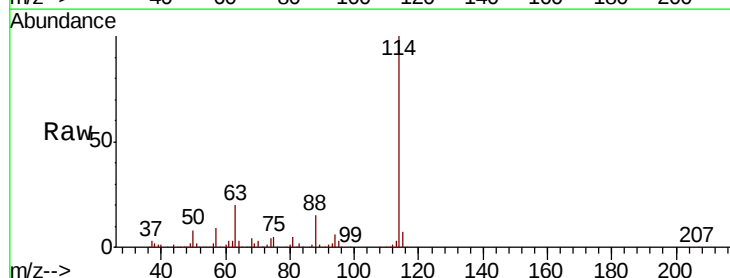
Tgt Ion: 114 Resp: 611756

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.4

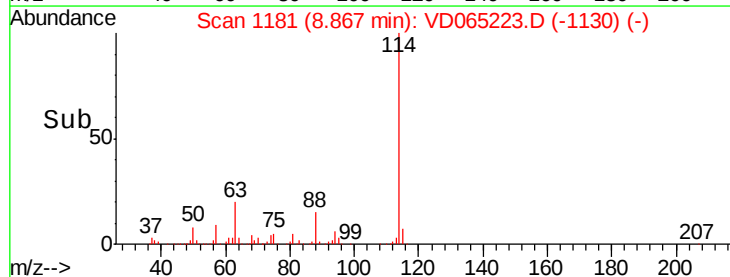
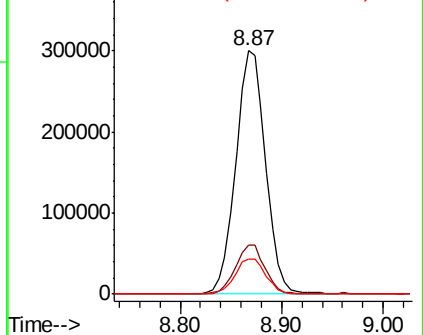
88 14.6 0.0 30.4

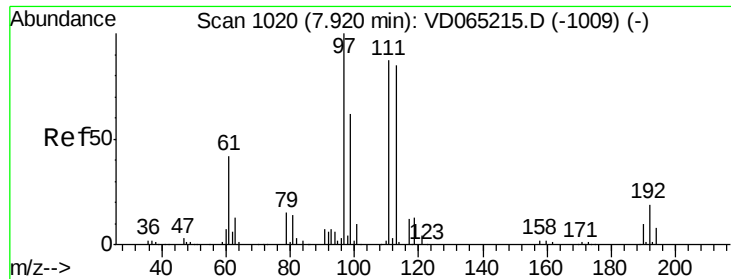


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

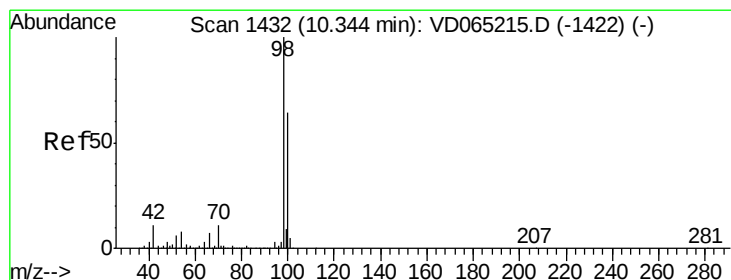
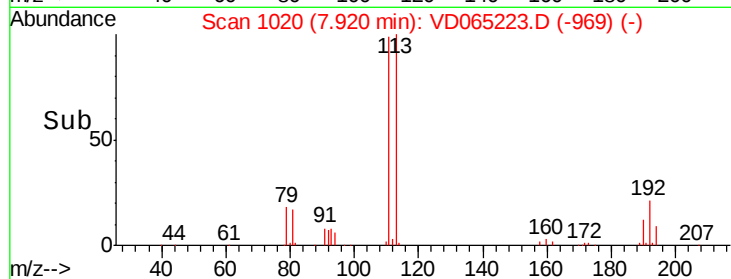
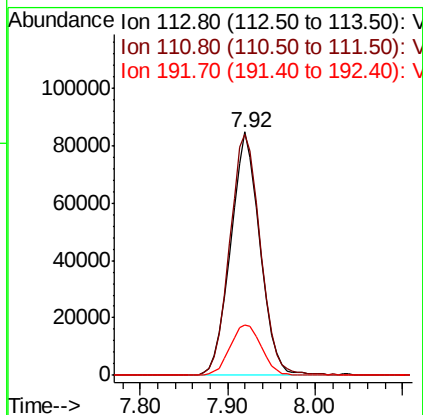
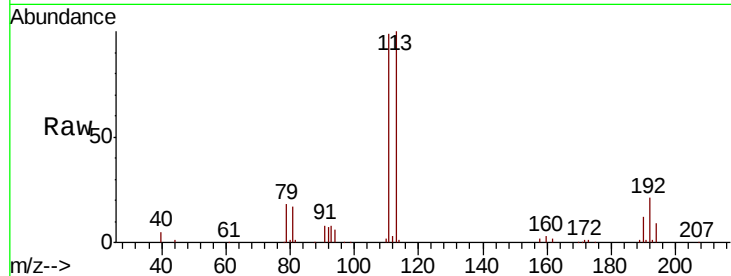




#35
 Dibromofluoromethane
 Concen: 51.662 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065223.D
 Acq: 18 Feb 2020 17:16

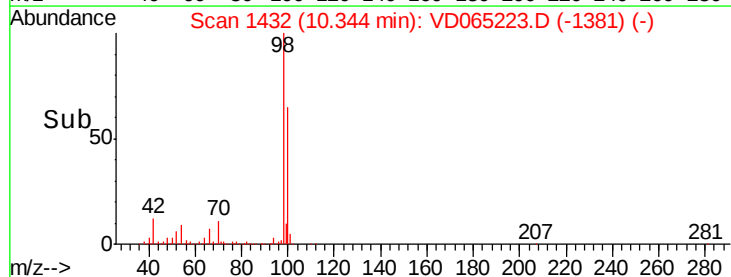
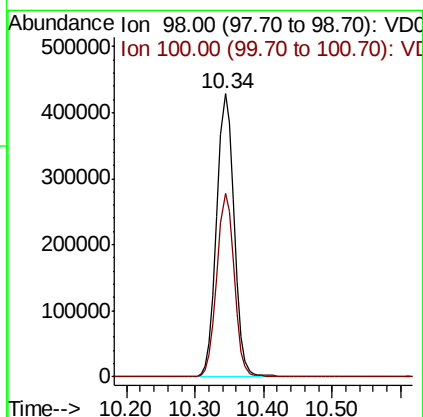
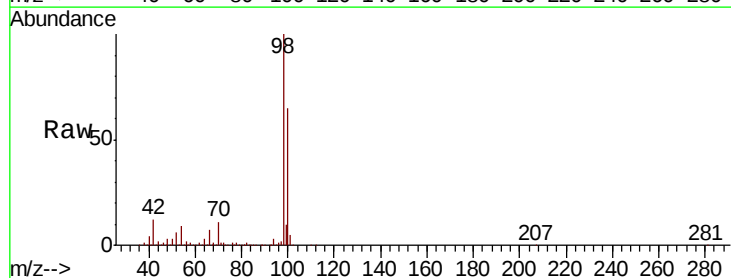
Instrument :
 MSVOA_D
 ClientSampled :
 SP-2

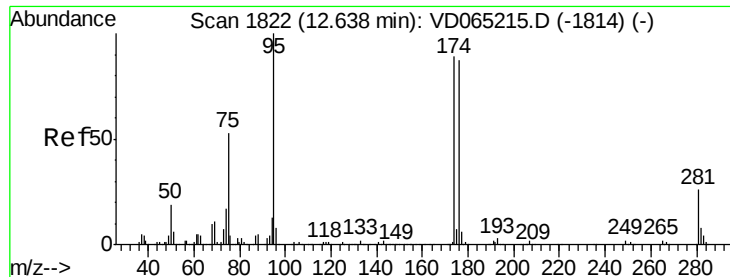
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	22.1	17.3	25.9



#50
 Toluene-d8
 Concen: 53.350 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD065223.D
 Acq: 18 Feb 2020 17:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 70.058 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065223.D

Acq: 18 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

SP-2

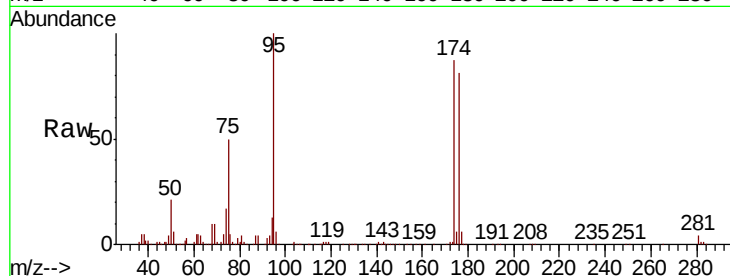
Tot Ion: 95 Resp: 316484

Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.0

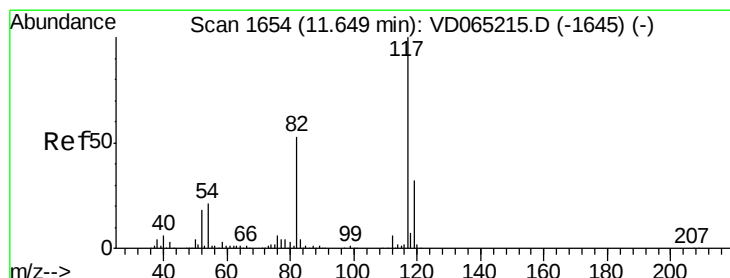
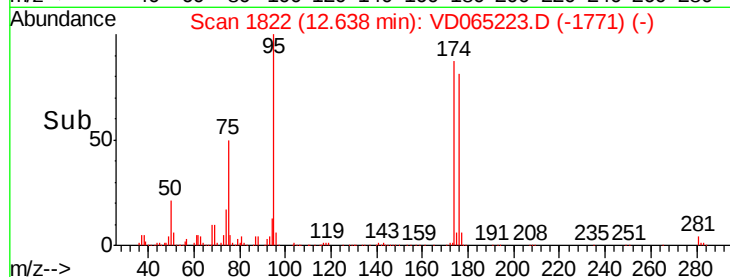
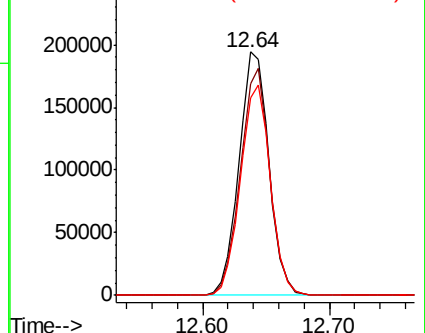
176 86.7 0.0 174.4



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: VD065223.D

Acq: 18 Feb 2020 17:16

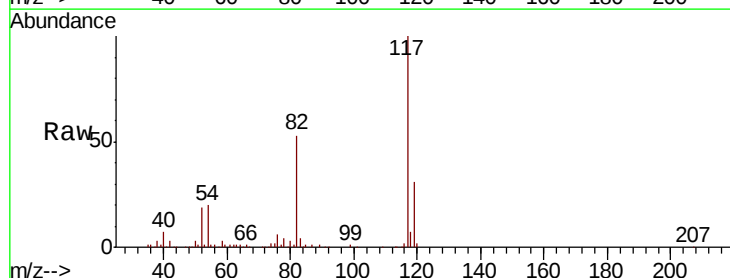
Tgt Ion: 117 Resp: 690299

Ion Ratio Lower Upper

117 100

82 53.3 42.7 64.1

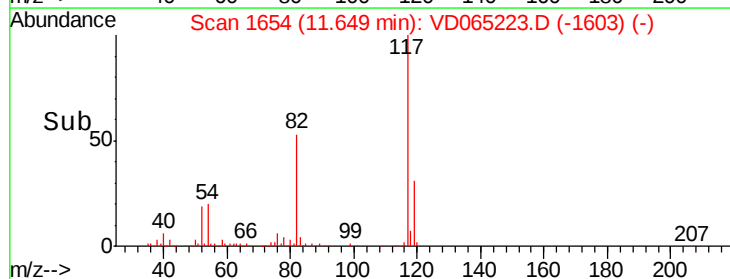
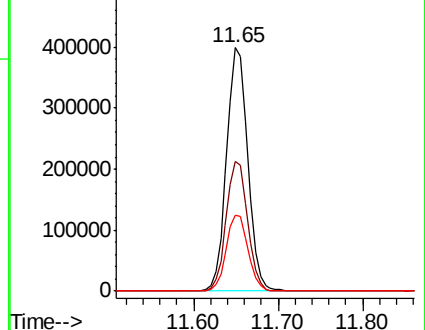
119 31.4 25.5 38.3

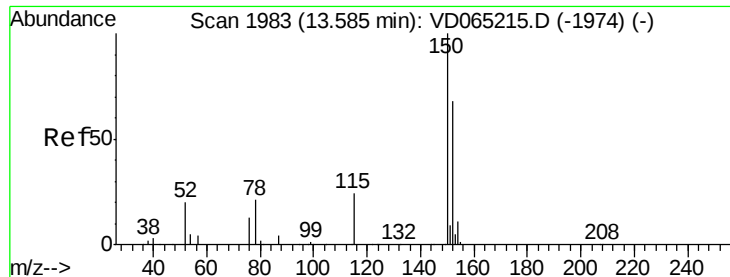


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD065223.D

Acq: 18 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

SP-2

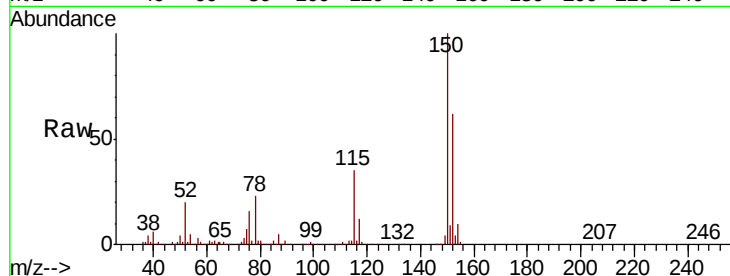
Tot Ion:152 Resp: 362783

Ion Ratio Lower Upper

152 100

115 57.6 27.6 82.8

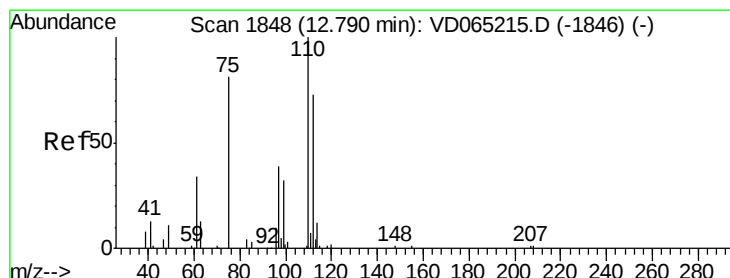
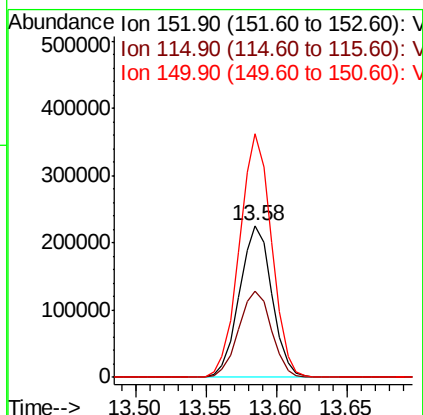
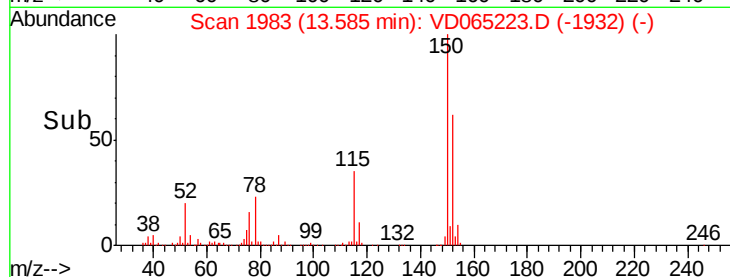
150 159.0 0.0 347.4



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: 51.313 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065223.D

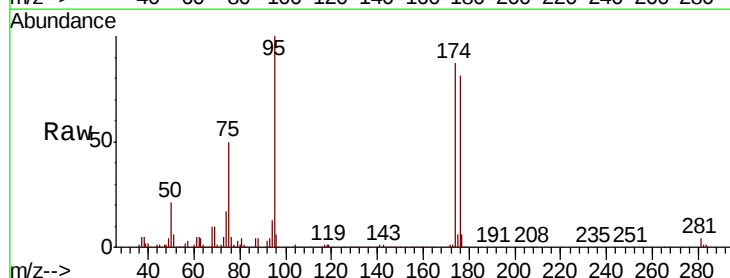
Acq: 18 Feb 2020 17:16

Tgt Ion: 75 Resp: 158386

Ion Ratio Lower Upper

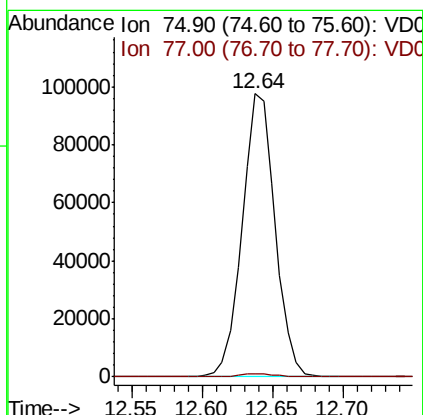
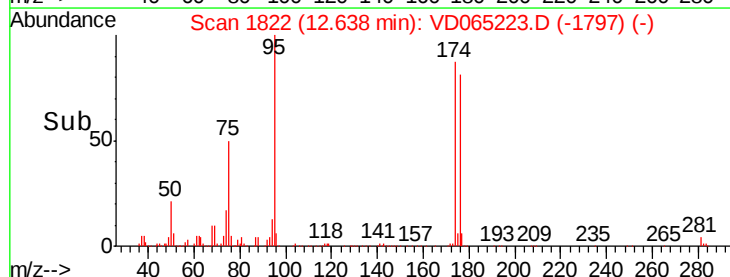
75 100

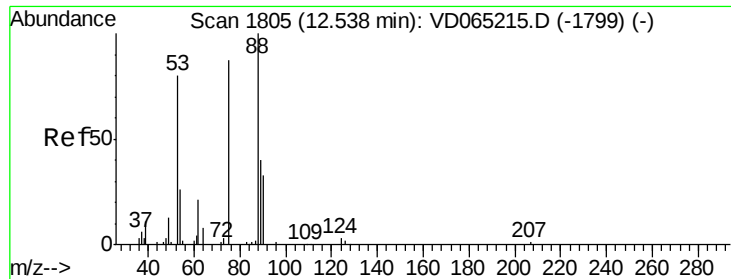
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 110.794 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065223.D

Acq: 18 Feb 2020 17:16

Instrument :

MSVOA_D

ClientSampleId :

SP-2

Tot Ion: 75 Resp: 158386

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.0 37.2 55.8#

