

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030220\
 Data File : VD065376.D
 Acq On : 02 Mar 2020 13:42
 Operator : VA/SY
 Sample : L1744-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Mar 02 15:21:11 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

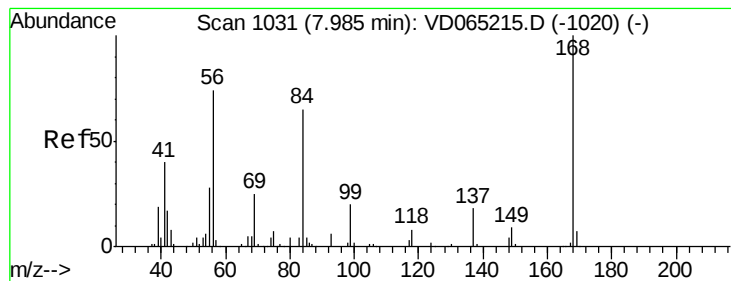
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	578398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	959104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	860200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	389160	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	283032	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	7.92	113	302806	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
50) Toluene-d8	10.34	98	1151567	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.64	95	351995	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.16	43	12071	9.49	ug/l #	82
20) Methylene Chloride	4.96	84	3471	Below Cal	#	86
31) Cyclohexane	7.98	56	10827	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	42400	4.54	ug/l #	48
38) Carbon Tetrachloride	7.98	117	54515	5.74	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	170707	51.56	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	170707	111.32	ug/l #	11

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

```
Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\DATA\VD030220\  
Data File : VD065376.D  
Acq On    : 02 Mar 2020   13:42  
Operator  : VA/SY  
Sample    : L1744-01  
Misc      : 4.99G/5.00ml/MSV0A_D/SOIL  
ALS Vial  : 7      Sample Multiplier: 1
```



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065376.D

Acq: 02 Mar 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

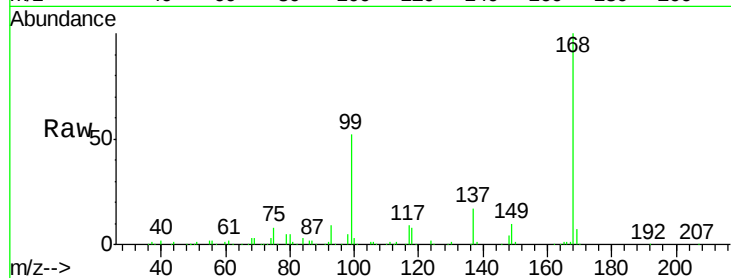
TP-3

Tgt Ion:168 Resp: 578398

Ion Ratio Lower Upper

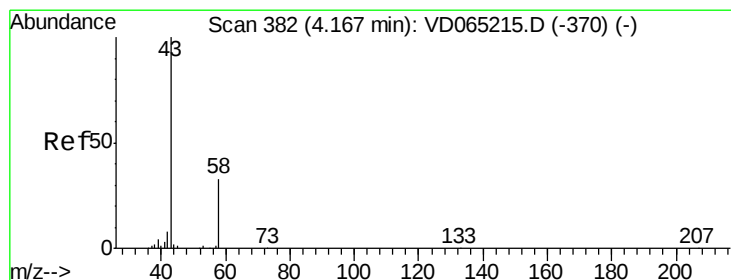
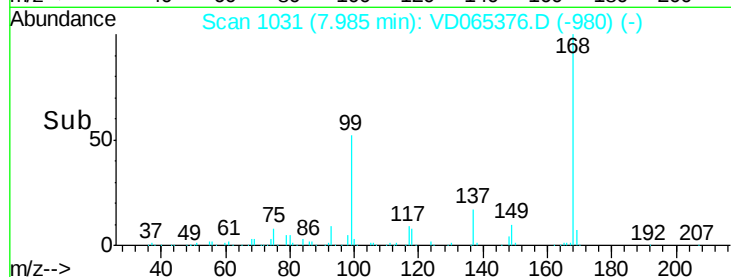
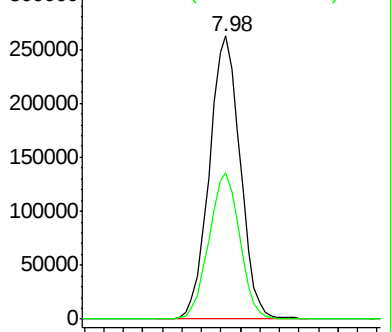
168 100

99 51.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 9.49 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065376.D

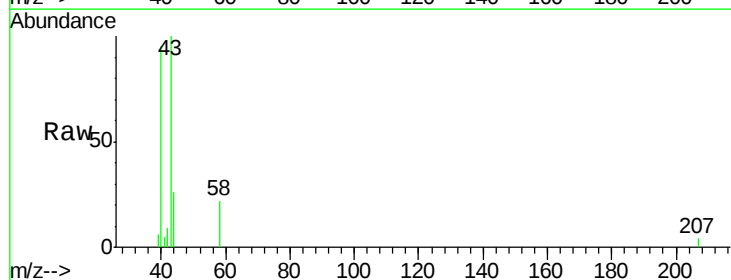
Acq: 02 Mar 2020 13:42

Tgt Ion: 43 Resp: 12071

Ion Ratio Lower Upper

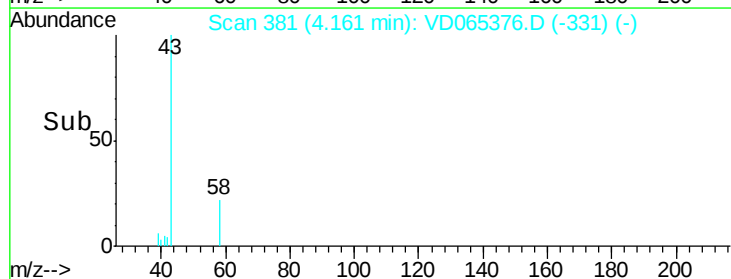
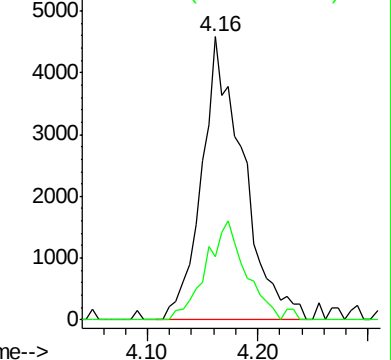
43 100

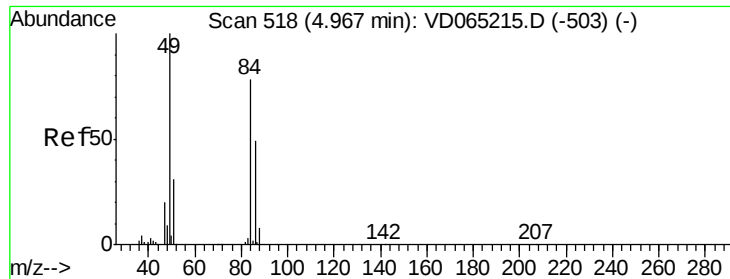
58 22.4 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

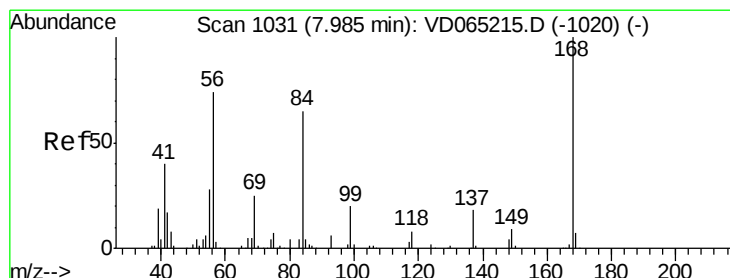
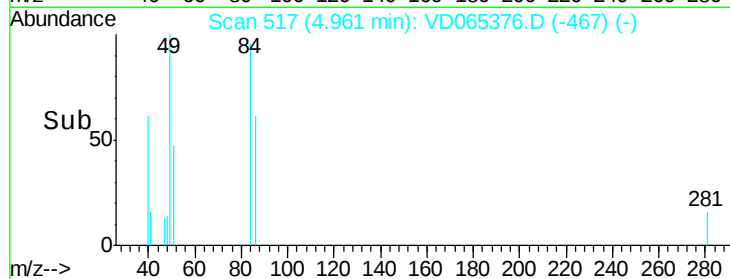
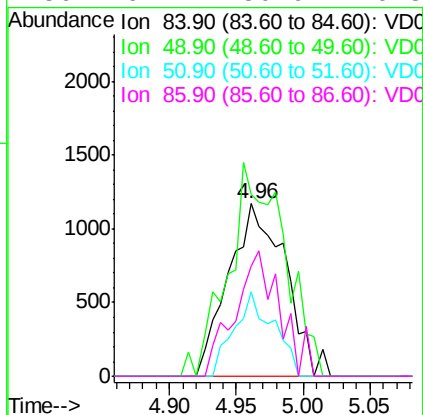
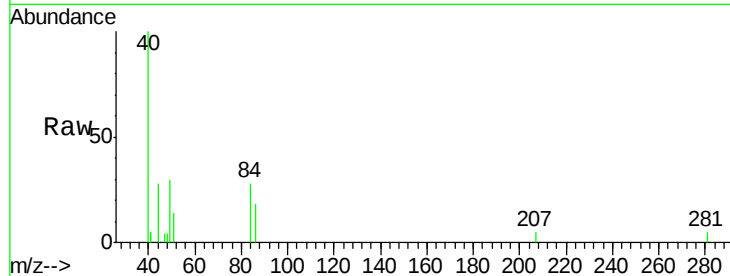




#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065376.D
Acq: 02 Mar 2020 13:42

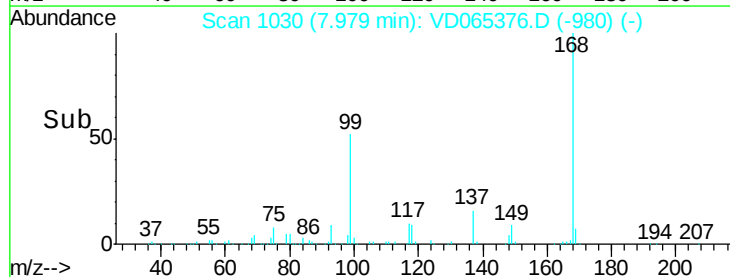
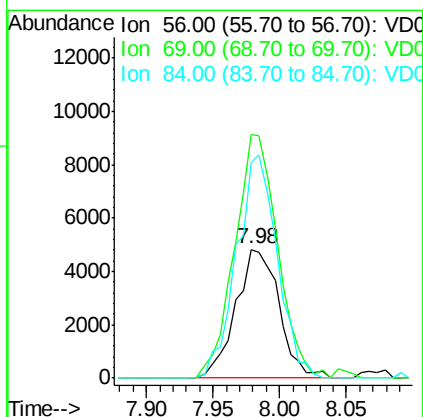
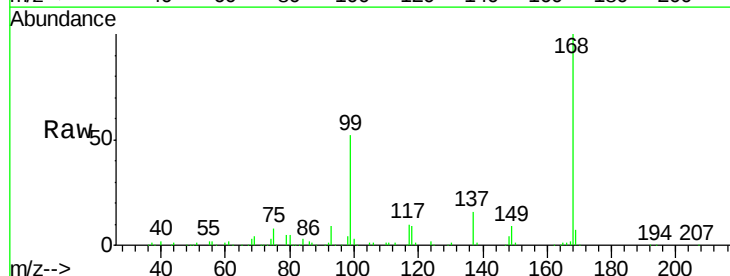
Instrument :
MSVOA_D
ClientSampled :
TP-3

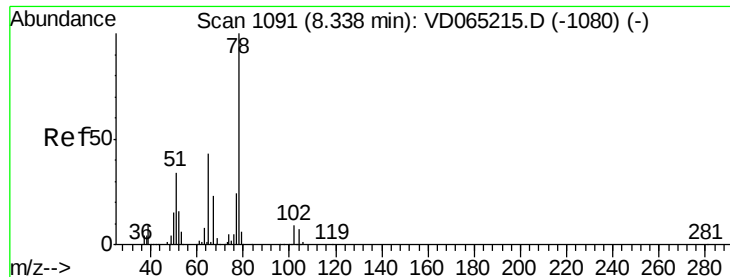
Tgt Ion: 84 Resp: 3471
Ion Ratio Lower Upper
84 100
49 105.2 103.1 154.7
51 49.0 31.7 47.5#
86 64.2 50.9 76.3



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065376.D
Acq: 02 Mar 2020 13:42

Tgt Ion: 56 Resp: 10827
Ion Ratio Lower Upper
56 100
69 188.7 27.4 41.0#
84 167.5 71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 54.39 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065376.D

Acq: 02 Mar 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

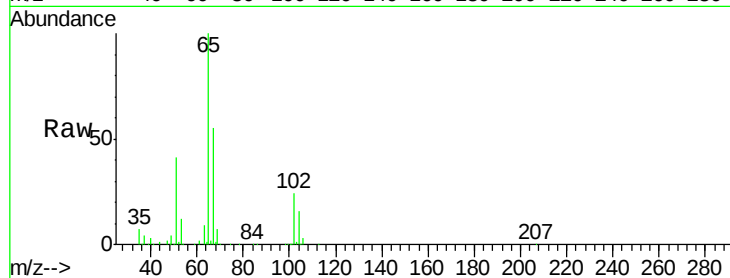
TP-3

Tgt Ion: 65 Resp: 283032

Ion Ratio Lower Upper

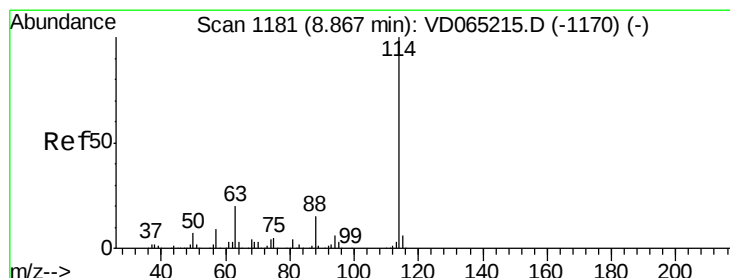
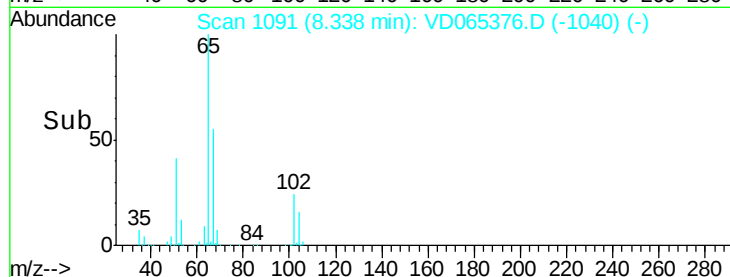
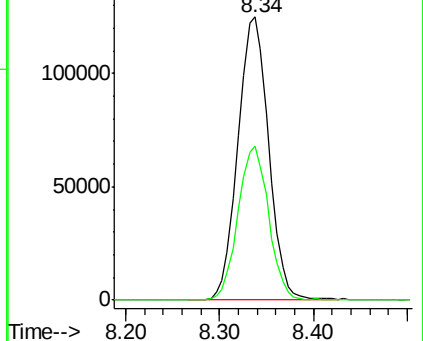
65 100

67 54.0 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: 50.00 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065376.D

Acq: 02 Mar 2020 13:42

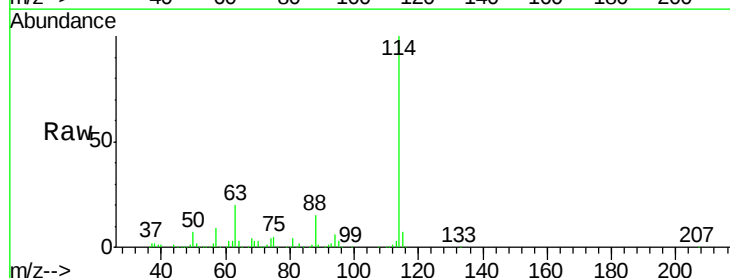
Tgt Ion: 114 Resp: 959104

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

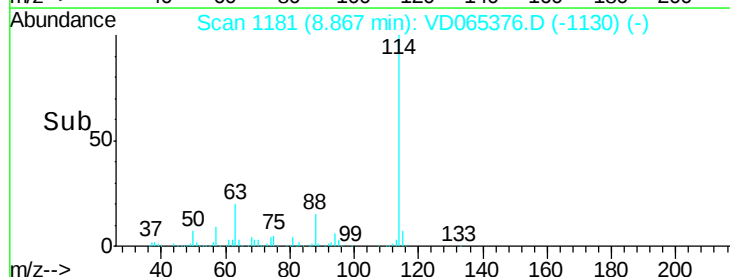
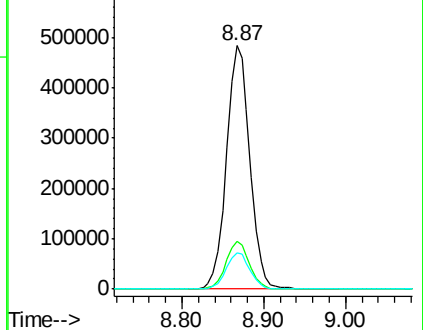
88 15.0 0.0 30.4

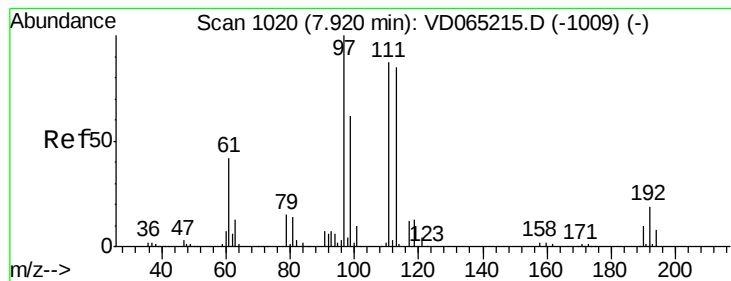


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 51.78 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065376.D

Acq: 02 Mar 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

TP-3

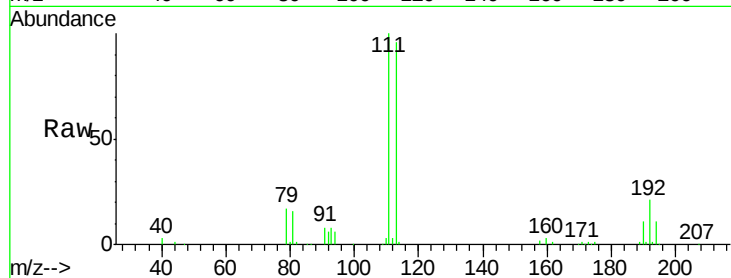
Tgt Ion:113 Resp: 302806

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

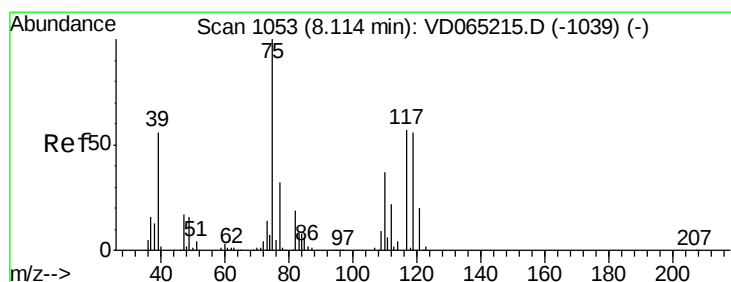
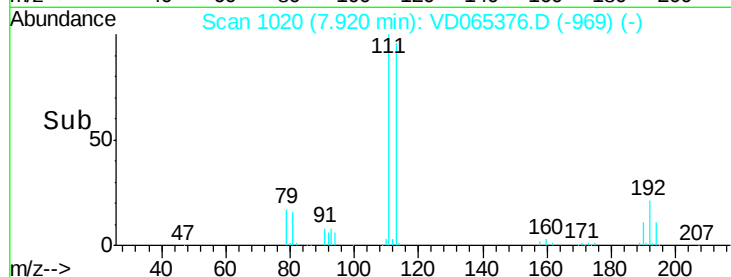
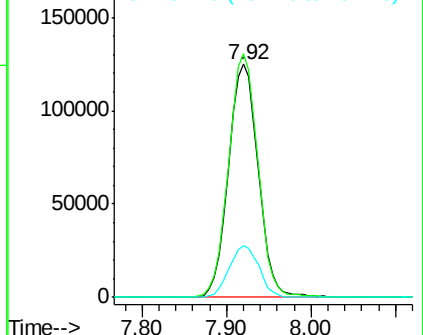
192 22.2 17.3 25.9



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: 4.54 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.13 min

Lab File: VD065376.D

Acq: 02 Mar 2020 13:42

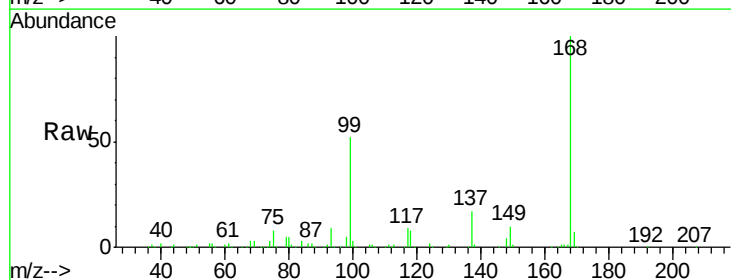
Tgt Ion: 75 Resp: 42400

Ion Ratio Lower Upper

75 100

110 8.0 17.9 53.7#

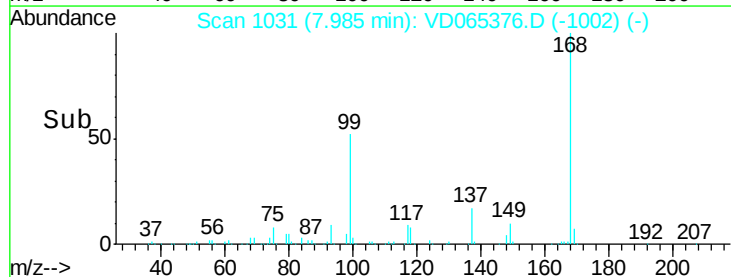
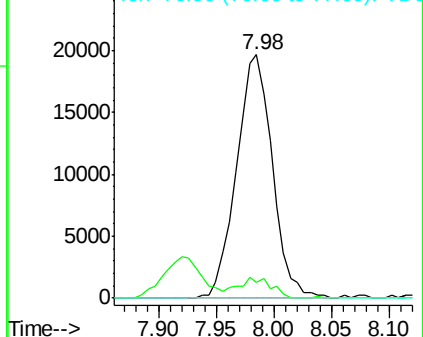
77 0.0 25.1 37.7#

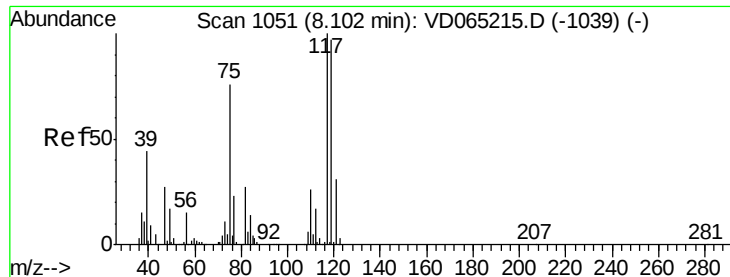


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

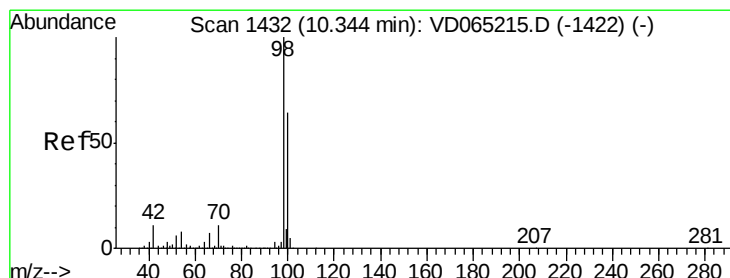
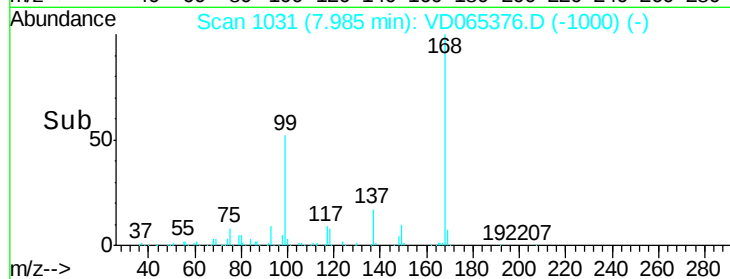
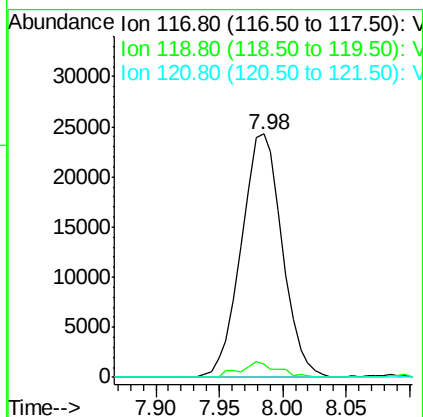
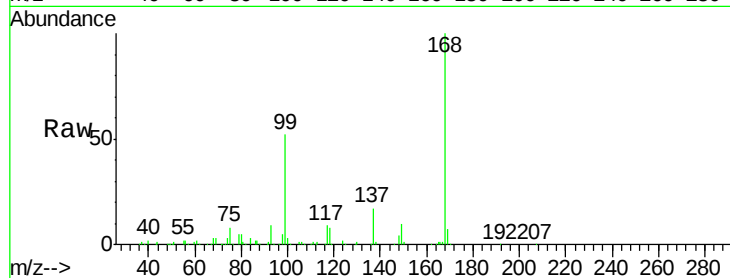




#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065376.D
Acq: 02 Mar 2020 13:42

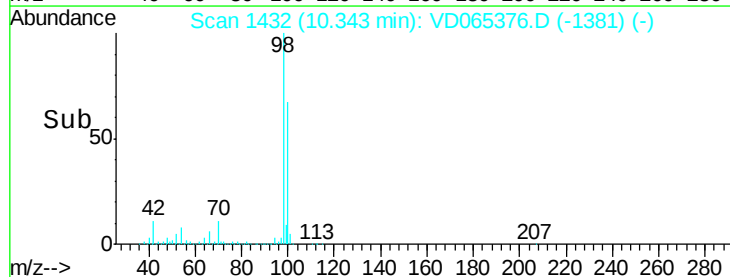
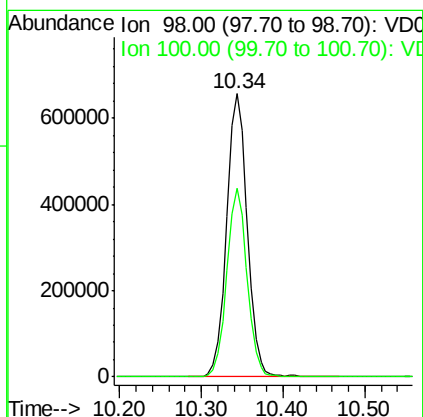
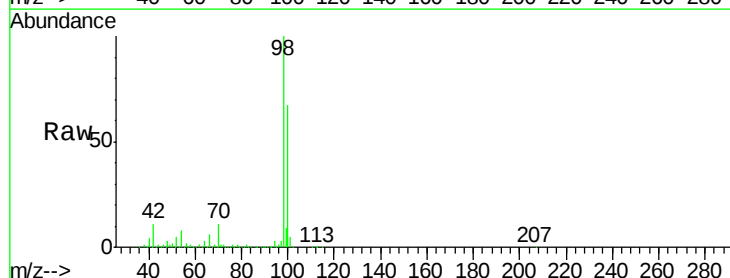
Instrument :
MSVOA_D
ClientSampleId :
TP-3

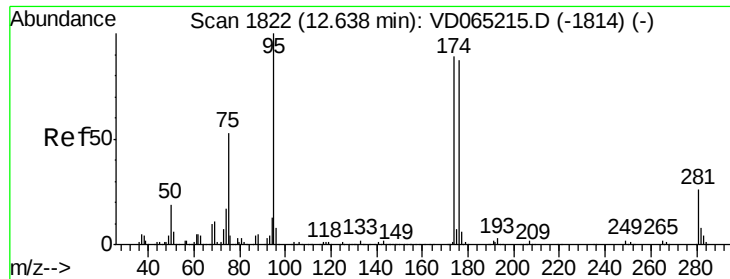
Tgt Ion:117 Resp: 54515
Ion Ratio Lower Upper
117 100
119 5.2 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.51 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065376.D
Acq: 02 Mar 2020 13:42

Tgt Ion: 98 Resp: 1151567
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

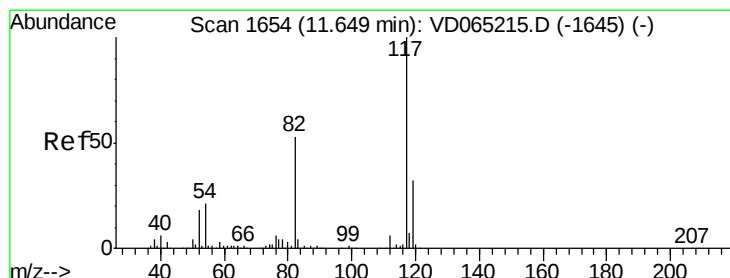
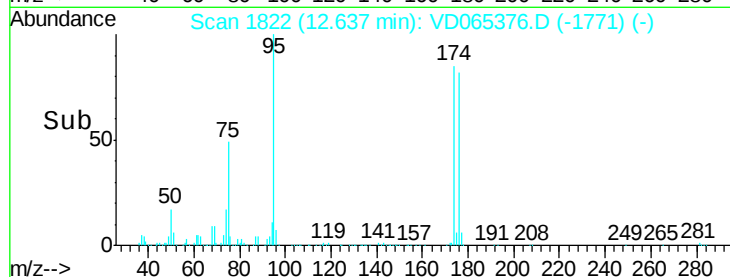
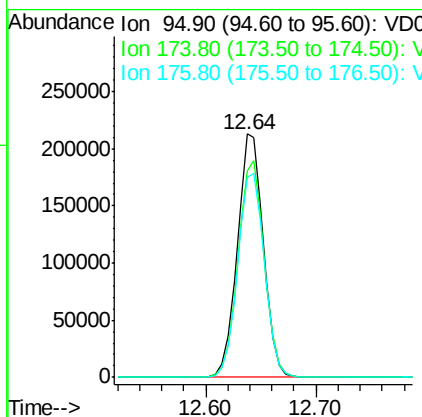
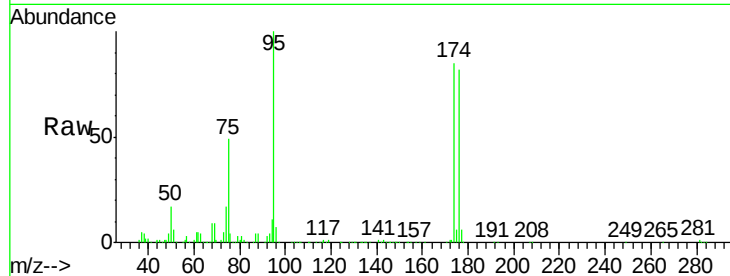




#62
4-Bromofluorobenzene
Concen: 49.70 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065376.D
Acq: 02 Mar 2020 13:42

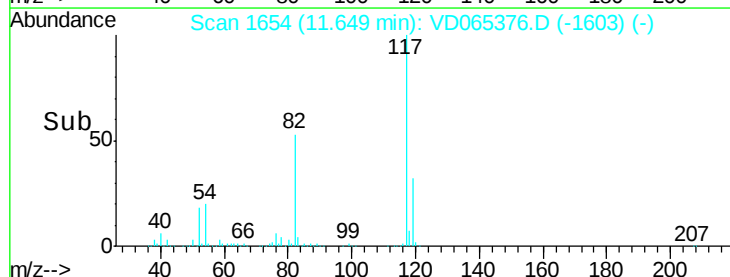
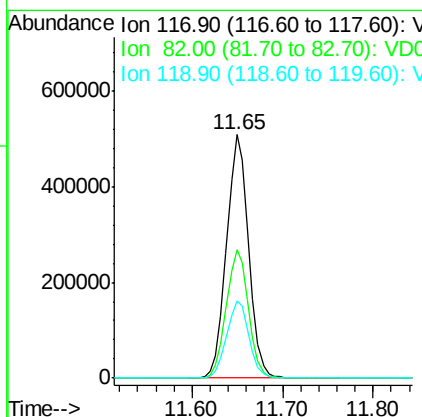
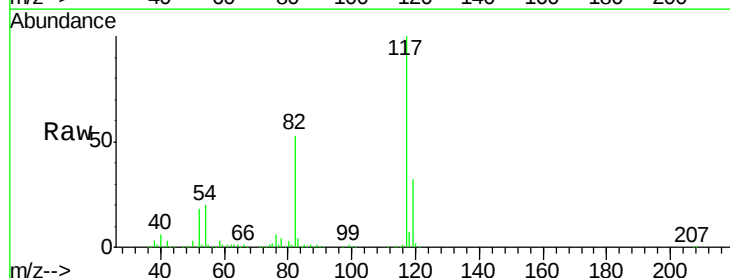
Instrument :
MSVOA_D
ClientSampleId :
TP-3

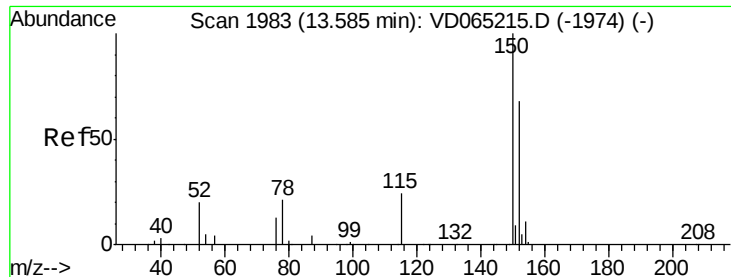
Tgt Ion: 95 Resp: 351995
Ion Ratio Lower Upper
95 100
174 89.5 0.0 178.0
176 86.2 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065376.D
Acq: 02 Mar 2020 13:42

Tgt Ion: 117 Resp: 860200
Ion Ratio Lower Upper
117 100
82 52.8 42.7 64.1
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065376.D

Acq: 02 Mar 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

TP-3

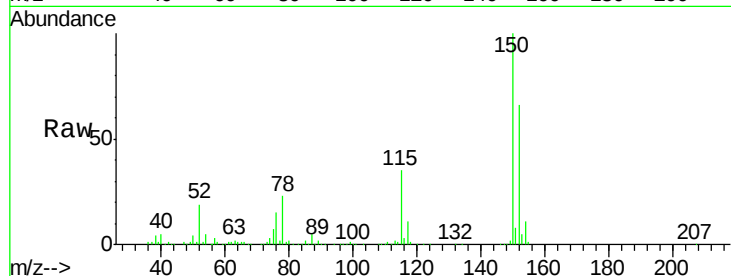
Tgt Ion:152 Resp: 389160

Ion Ratio Lower Upper

152 100

115 54.5 27.6 82.8

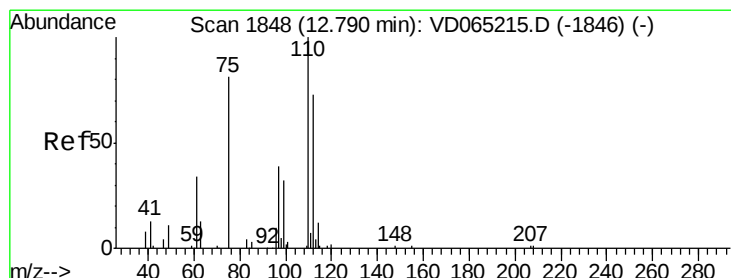
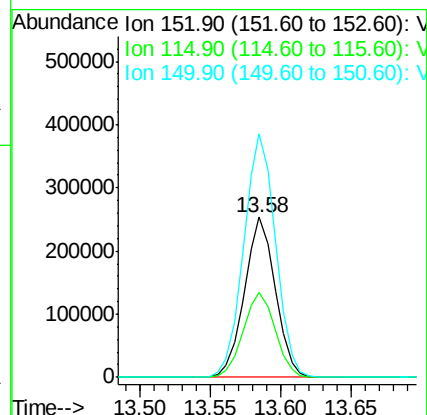
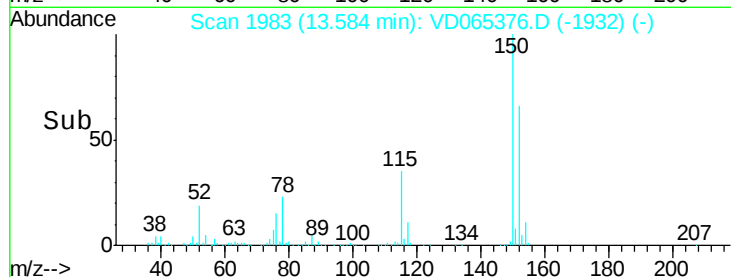
150 155.8 0.0 347.4



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: 51.56 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065376.D

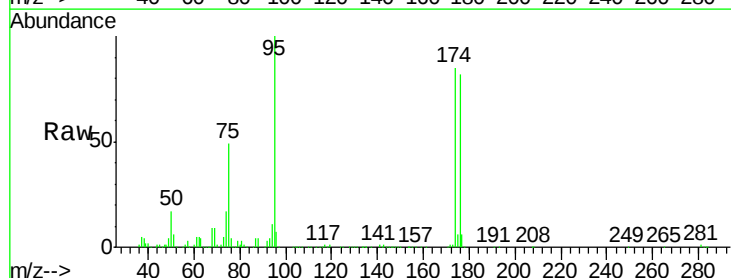
Acq: 02 Mar 2020 13:42

Tgt Ion: 75 Resp: 170707

Ion Ratio Lower Upper

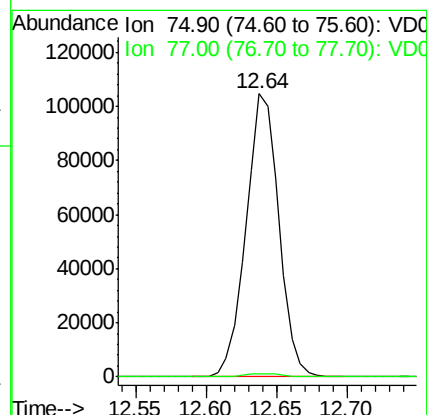
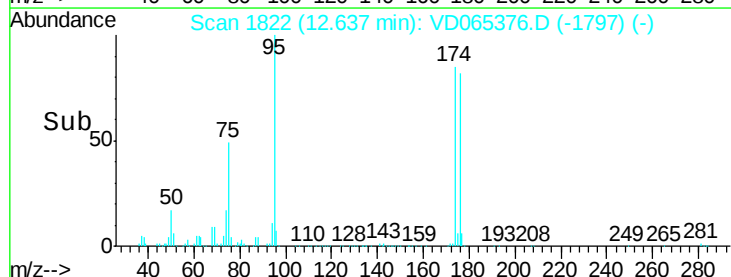
75 100

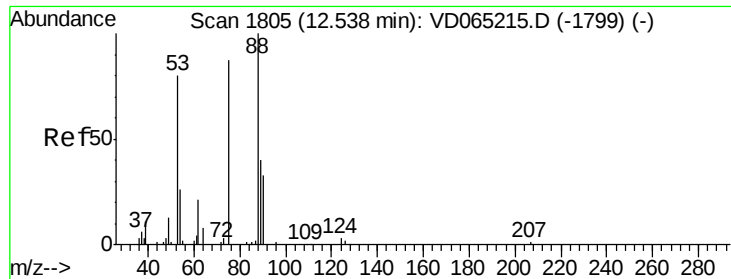
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 111.32 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065376.D

Acq: 02 Mar 2020 13:42

Instrument :

MSVOA_D

ClientSampleId :

TP-3

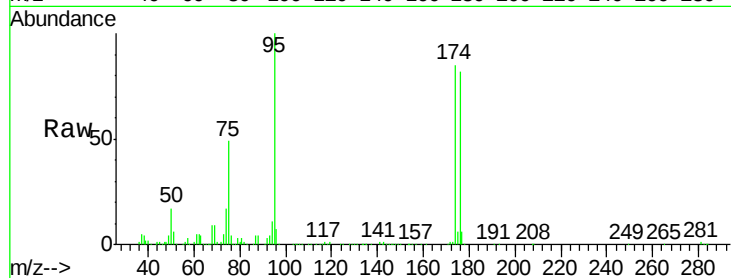
Tgt Ion: 75 Resp: 170707

Ion Ratio Lower Upper

75 100

53 0.0 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

