

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030220\
 Data File : VD065377.D
 Acq On : 02 Mar 2020 14:10
 Operator : VA/SY
 Sample : L1744-02
 Misc : 8.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

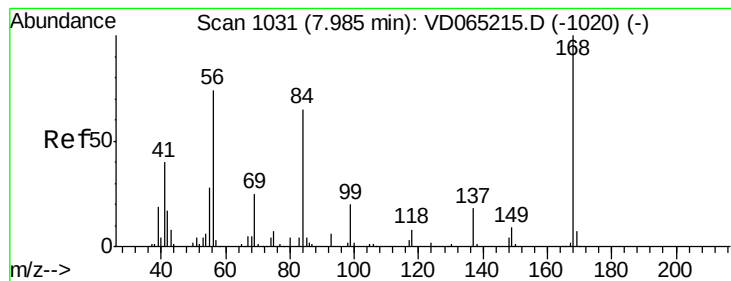
Quant Time: Mar 02 15:21:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	563983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	956142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	863760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	394683	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	278189	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	7.92	113	301691	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
50) Toluene-d8	10.34	98	1141671	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.64	95	345683	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.69	56	59	Below Cal	#	32
16) Acetone	4.17	43	3323	2.68	ug/l #	88
20) Methylene Chloride	4.97	84	23389	Below Cal		98
31) Cyclohexane	7.98	56	10587	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	40710	4.38	ug/l #	49
38) Carbon Tetrachloride	7.98	117	52564	5.55	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	4698	1.31	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	169299	50.42	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	169299	108.86	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065377.D

Acq: 02 Mar 2020 14:10

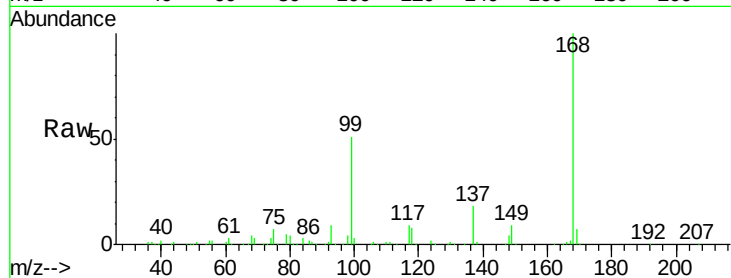
Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 563983

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

250000

200000

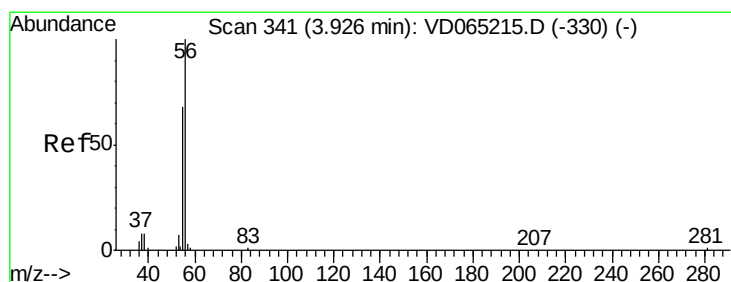
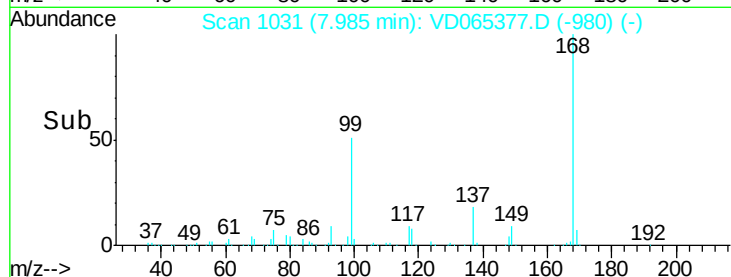
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: Below Cal

RT: 3.69 min Scan# 300

Delta R.T. -0.24 min

Lab File: VD065377.D

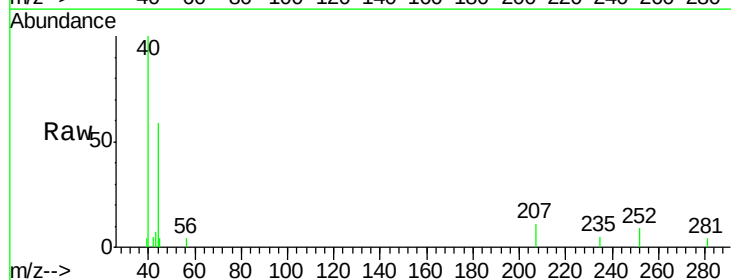
Acq: 02 Mar 2020 14:10

Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 127.1 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

250

200

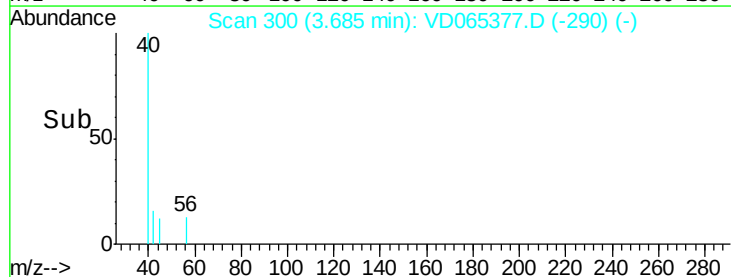
150

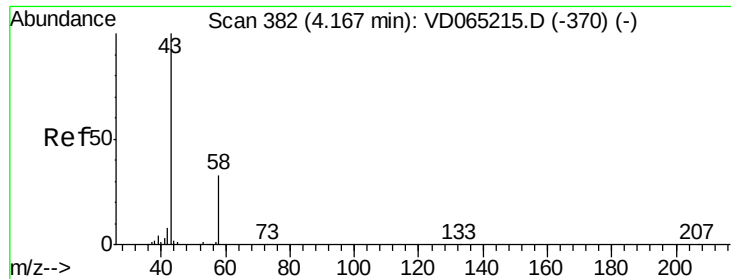
100

50

0

Time-->





#16

Acetone

Concen: 2.68 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD065377.D

Acq: 02 Mar 2020 14:10

Instrument :

MSVOA_D

ClientSampled :

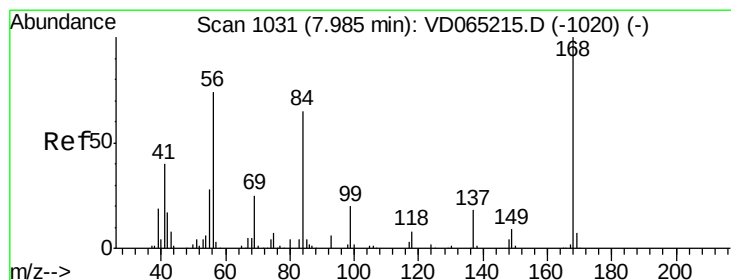
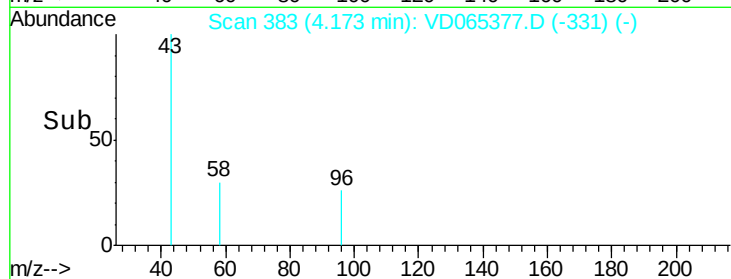
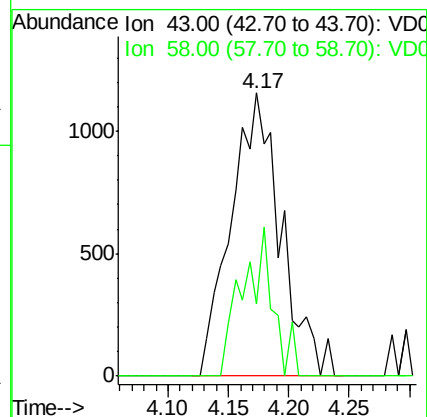
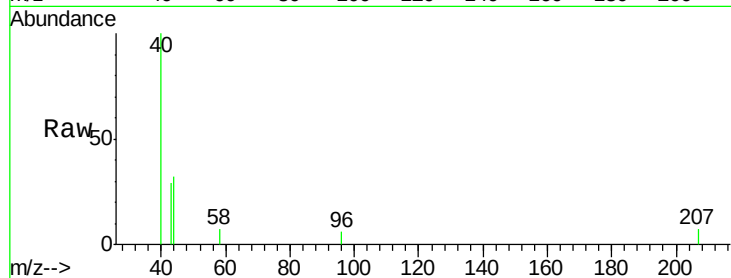
TP-2

Tgt Ion: 43 Resp: 3323

Ion Ratio Lower Upper

43 100

58 25.7 26.2 39.2#



#31

Cyclohexane

Concen: 1.06 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065377.D

Acq: 02 Mar 2020 14:10

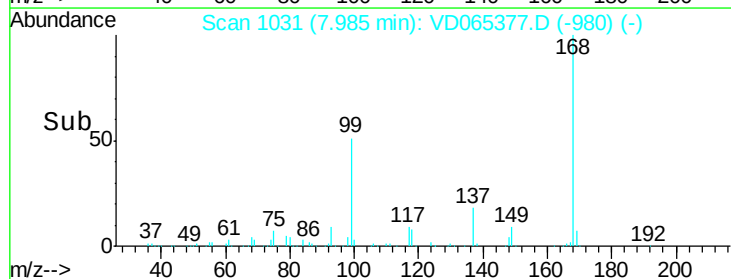
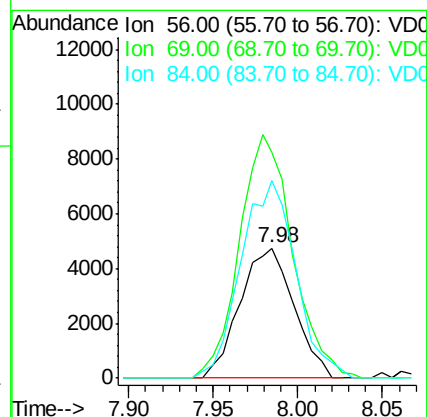
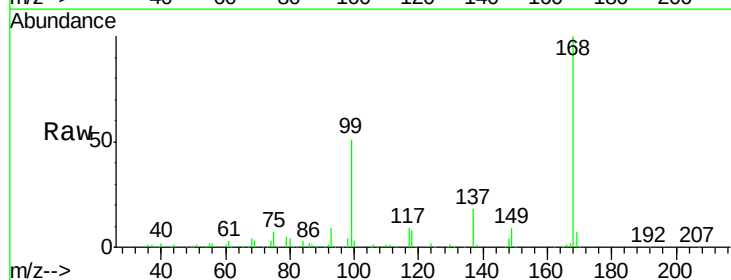
Tgt Ion: 56 Resp: 10587

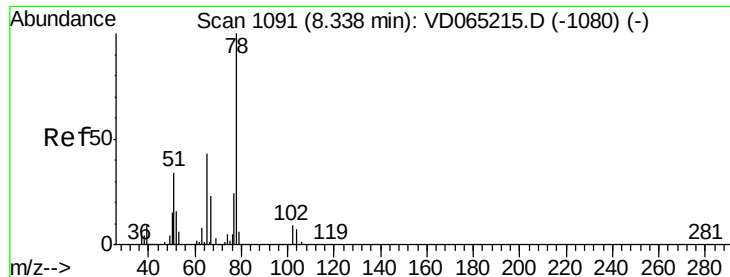
Ion Ratio Lower Upper

56 100

69 173.1 27.4 41.0#

84 151.4 71.1 106.7#

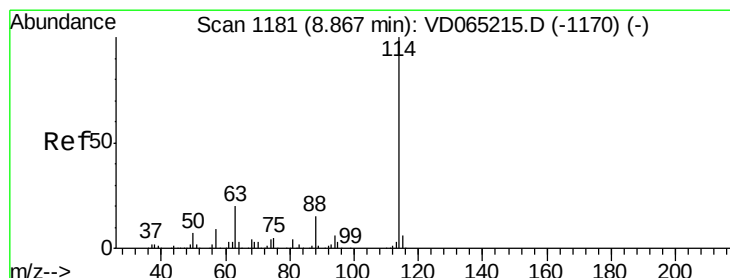
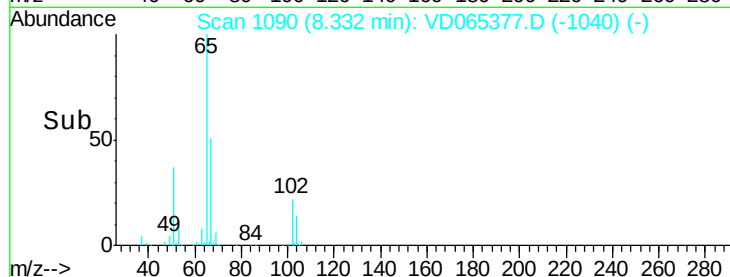
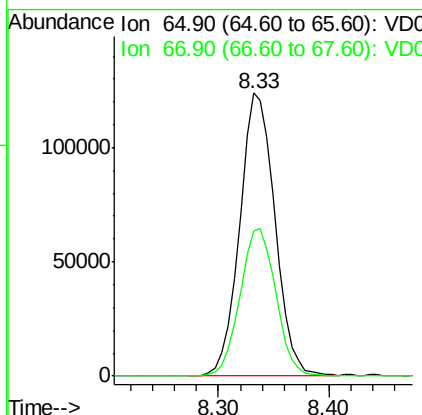
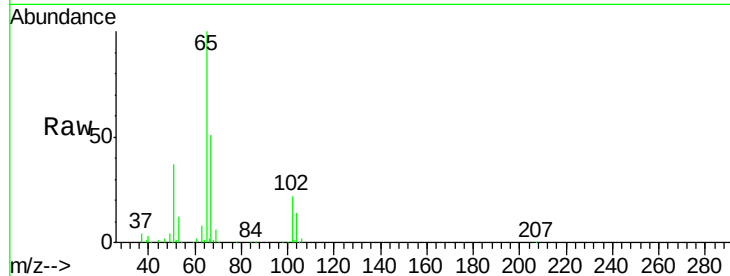




#33
 1,2-Dichloroethane-d4
 Concen: 54.83 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065377.D
 Acq: 02 Mar 2020 14:10

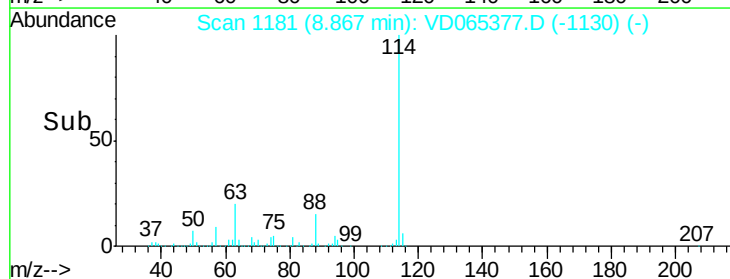
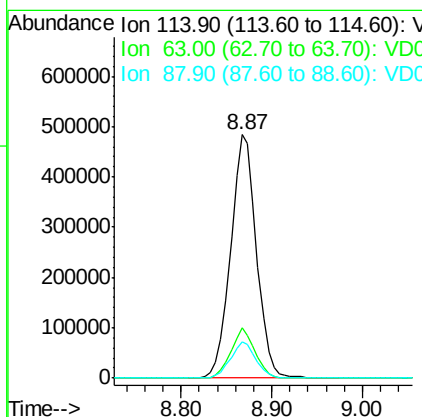
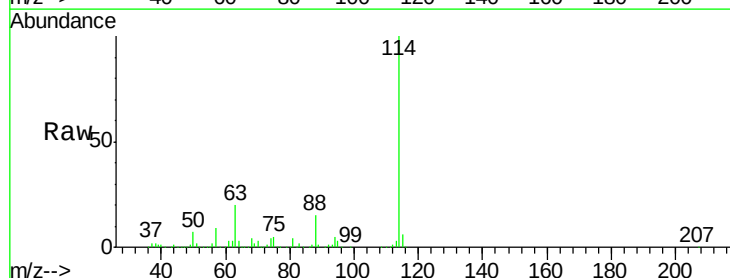
Instrument :
 MSVOA_D
 ClientSampled :
 TP-2

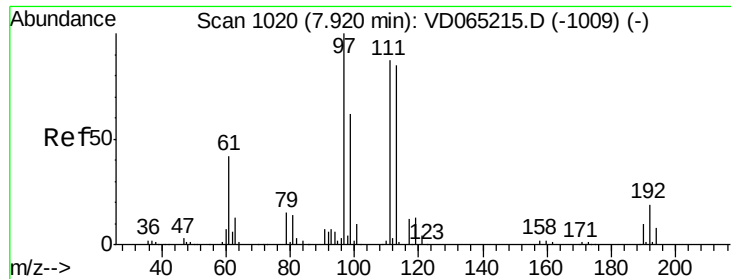
Tgt Ion: 65 Resp: 278189
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065377.D
 Acq: 02 Mar 2020 14:10

Tgt Ion: 114 Resp: 956142
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 14.7 0.0 30.4

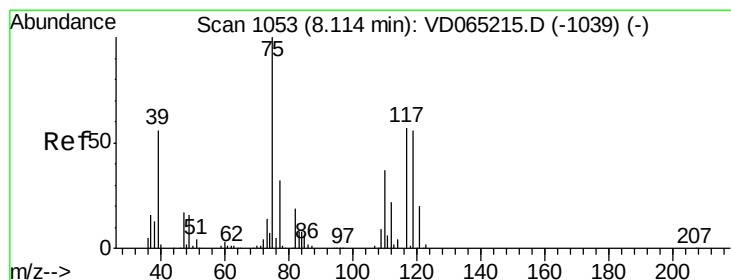
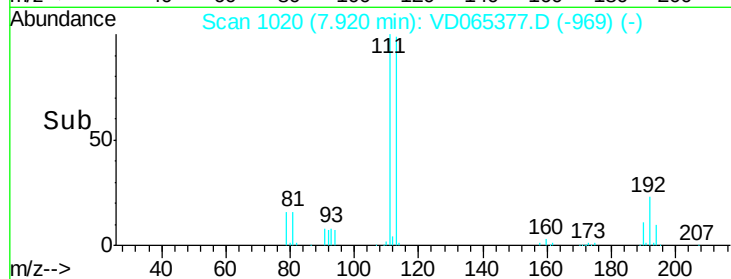
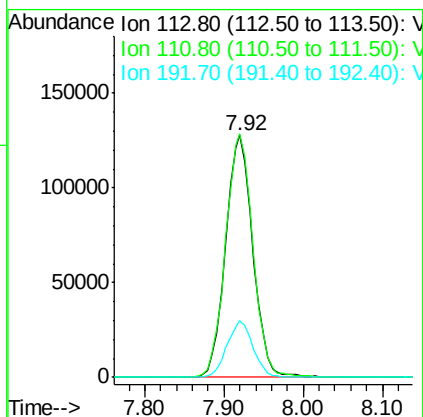
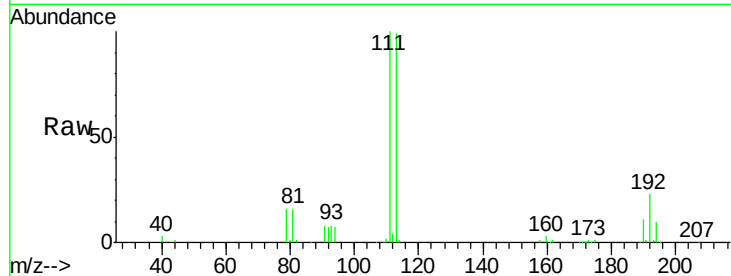




#35
 Dibromofluoromethane
 Concen: 51.75 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065377.D
 Acq: 02 Mar 2020 14:10

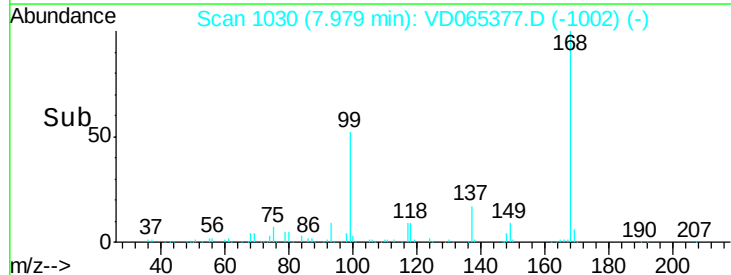
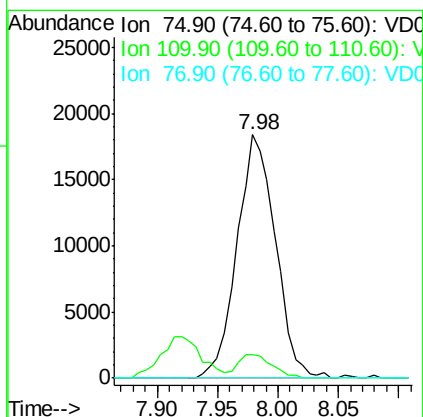
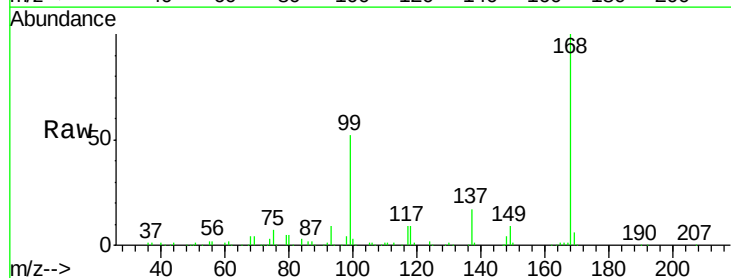
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

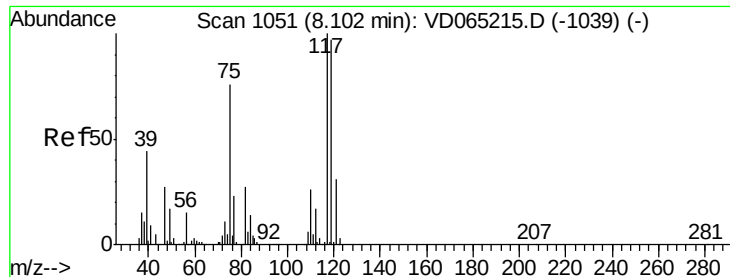
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	22.4	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.38 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065377.D
 Acq: 02 Mar 2020 14:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.9	53.7#
77	0.0	25.1	37.7#

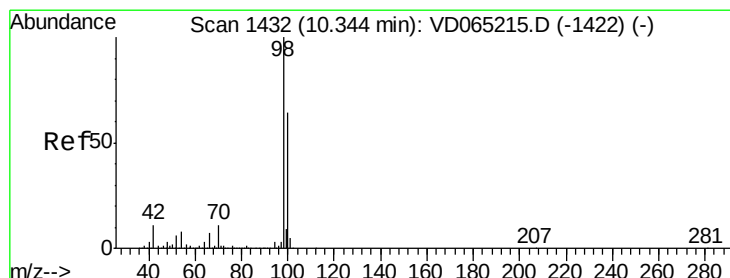
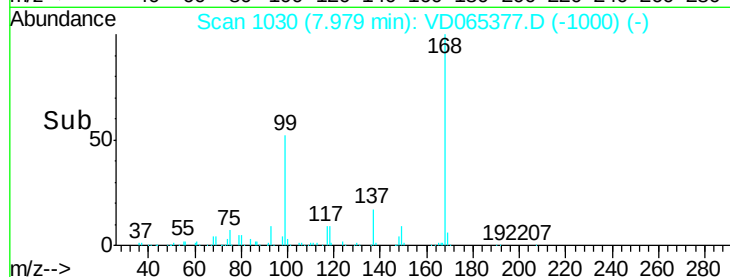
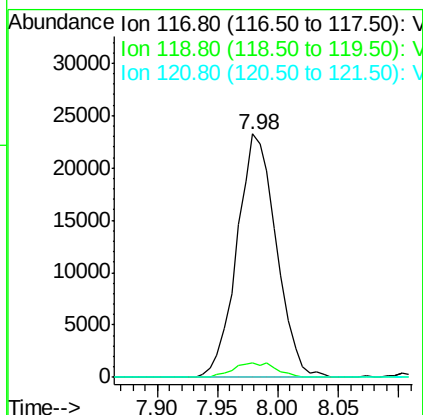
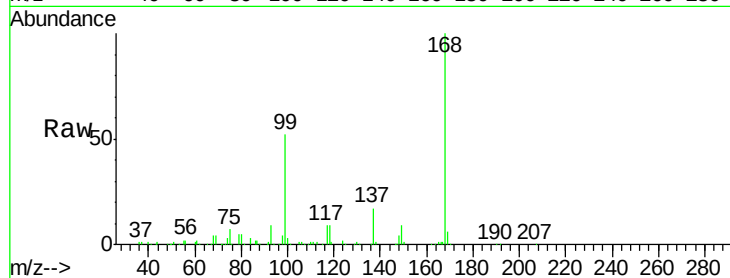




#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065377.D
Acq: 02 Mar 2020 14:10

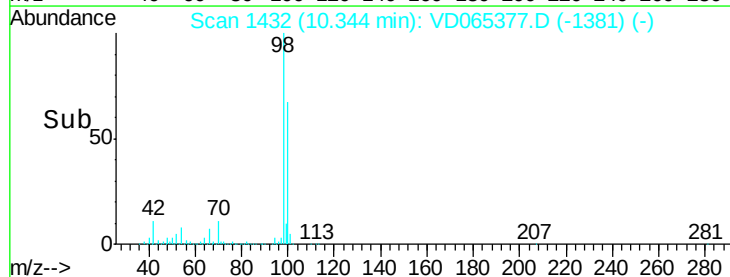
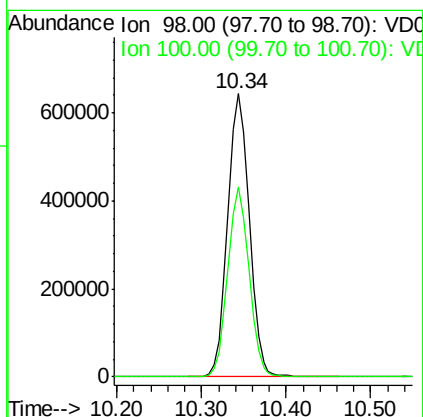
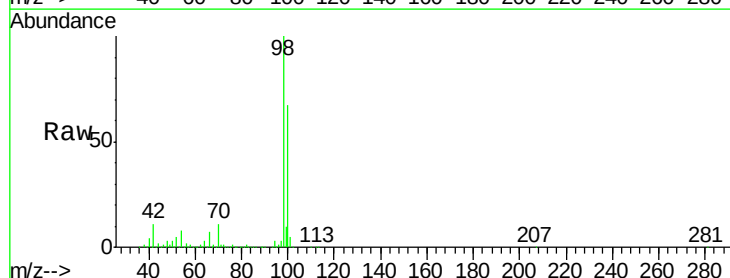
Instrument :
MSVOA_D
ClientSampled :
TP-2

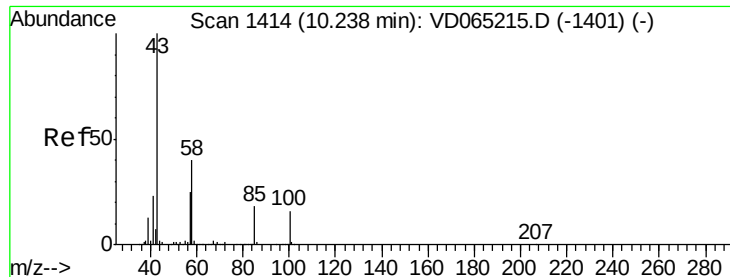
Tgt Ion:117 Resp: 52564
Ion Ratio Lower Upper
117 100
119 6.2 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.22 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065377.D
Acq: 02 Mar 2020 14:10

Tgt Ion: 98 Resp: 1141671
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.31 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065377.D

Acq: 02 Mar 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

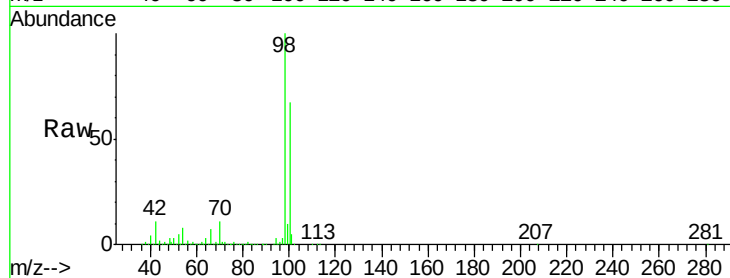
TP-2

Tgt Ion: 43 Resp: 4698

Ion Ratio Lower Upper

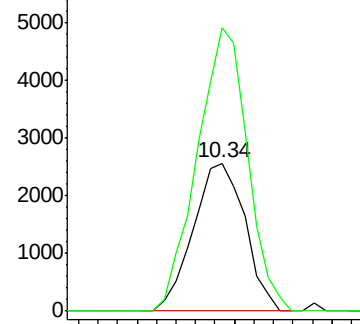
43 100

58 186.4 31.1 46.7#

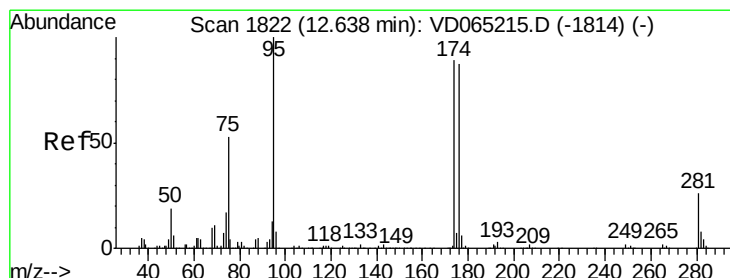
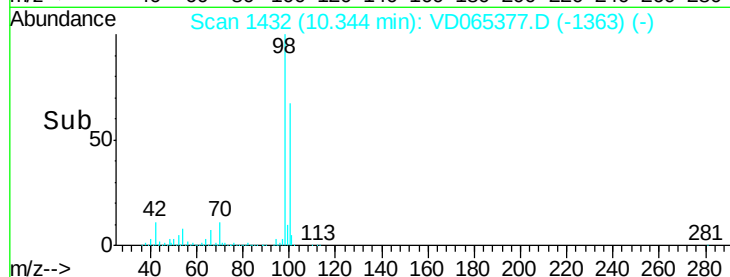


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 48.96 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065377.D

Acq: 02 Mar 2020 14:10

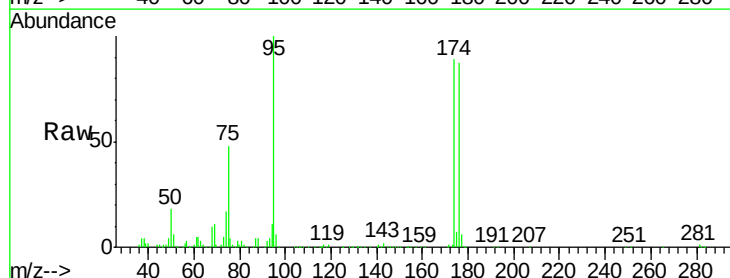
Tgt Ion: 95 Resp: 345683

Ion Ratio Lower Upper

95 100

174 90.9 0.0 178.0

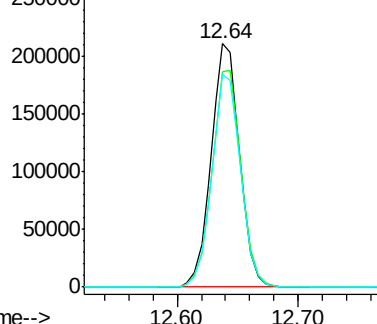
176 88.3 0.0 174.4



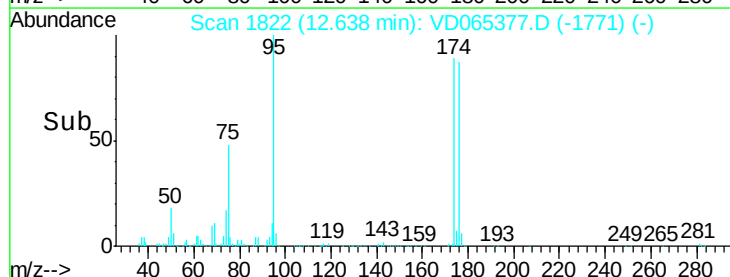
Abundance Ion 94.90 (94.60 to 95.60): VDC

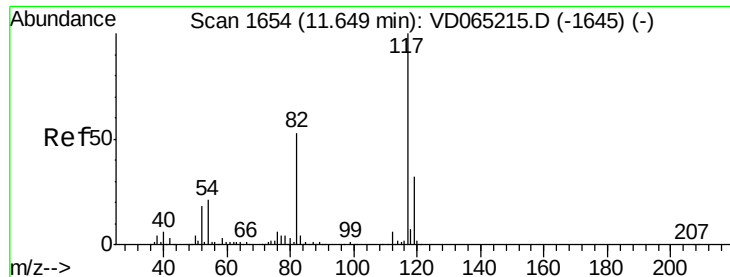
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

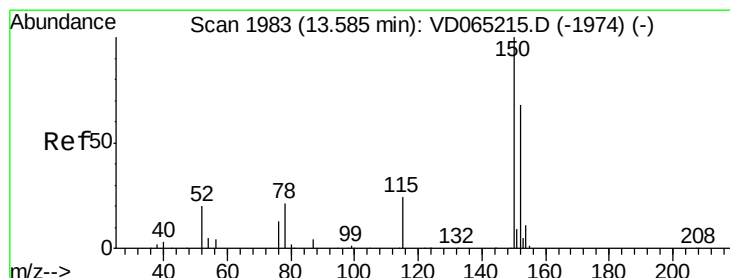
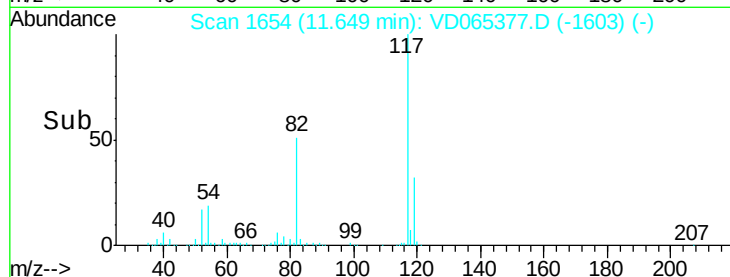
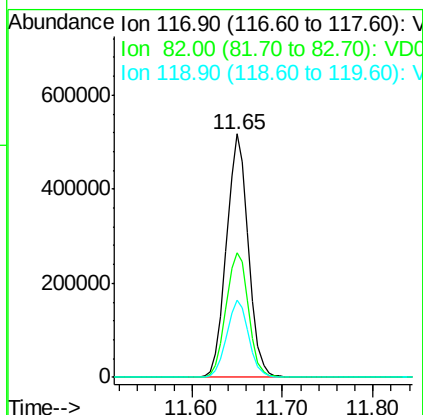
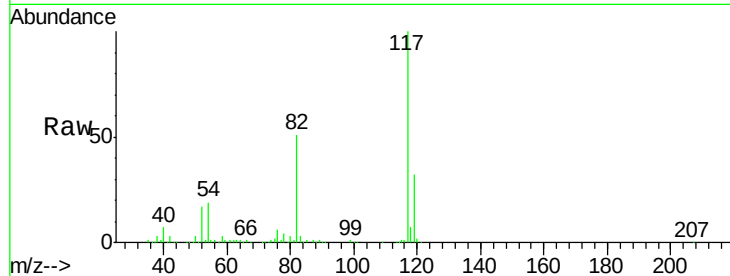




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065377.D
Acq: 02 Mar 2020 14:10

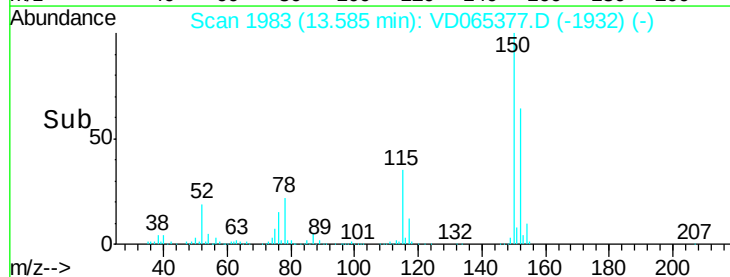
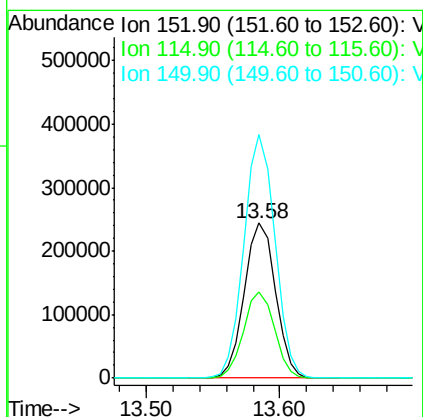
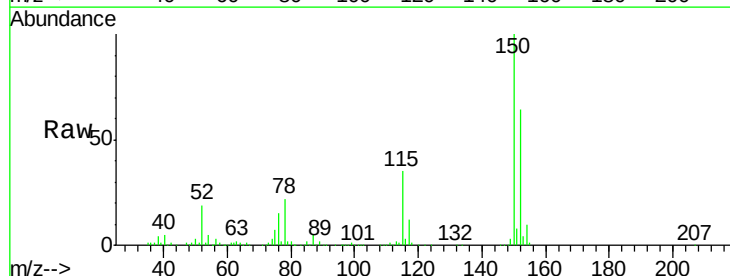
Instrument :
MSVOA_D
ClientSampleId :
TP-2

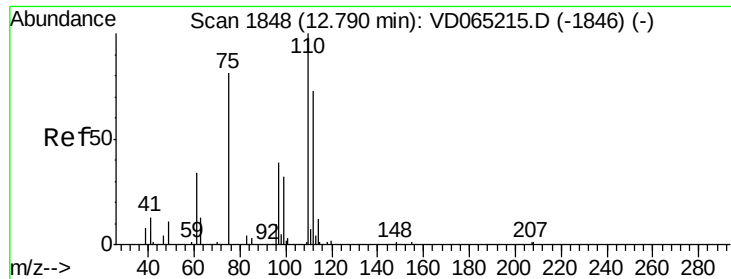
Tgt Ion:117 Resp: 863760
Ion Ratio Lower Upper
117 100
82 51.3 42.7 64.1
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065377.D
Acq: 02 Mar 2020 14:10

Tgt Ion:152 Resp: 394683
Ion Ratio Lower Upper
152 100
115 55.1 27.6 82.8
150 156.4 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 50.42 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065377.D

Acq: 02 Mar 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

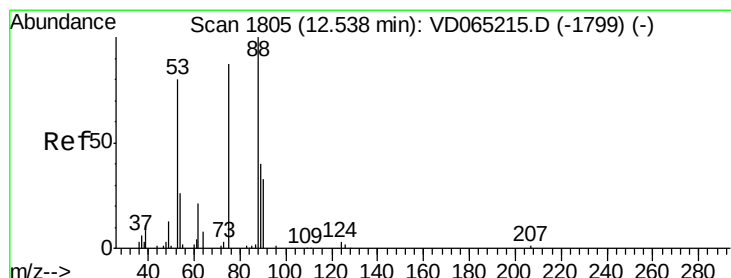
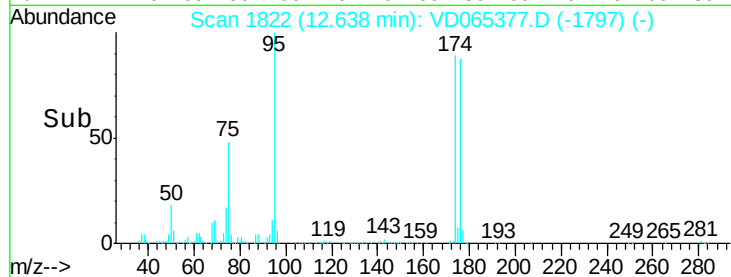
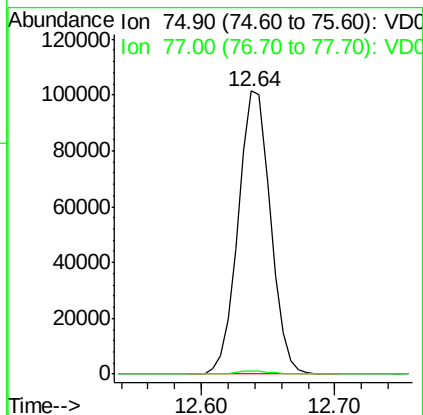
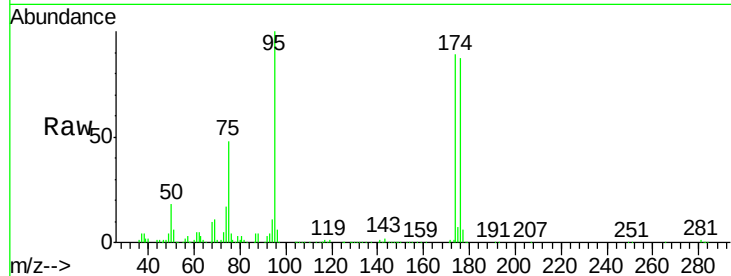
TP-2

Tgt Ion: 75 Resp: 169299

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.86 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065377.D

Acq: 02 Mar 2020 14:10

Tgt Ion: 75 Resp: 169299

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.2 55.8#

