

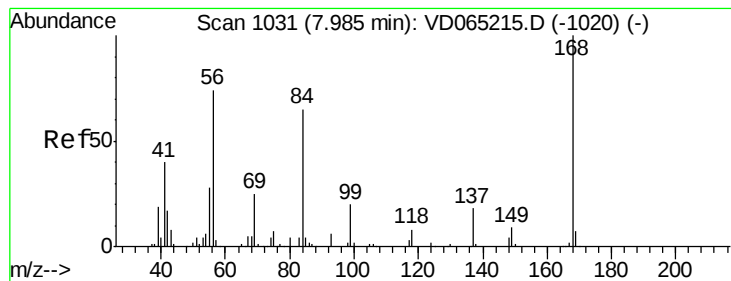
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD022820\
 Data File : VD065361.D
 Acq On : 28 Feb 2020 16:18
 Operator : VA/SY
 Sample : L1740-01RE
 Misc : 8.50G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-06-022720

Quant Time: Feb 28 21:56:23 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	549893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	906328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	735243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215337	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	274542	55.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.00%	
35) Dibromofluoromethane	7.92	113	292687	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	10.34	98	1075051	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.64	95	248842	37.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.36%	
Target Compounds						
16) Acetone	4.17	43	1472	1.217	ug/l	94
20) Methylene Chloride	4.97	84	6960	Below Cal	#	80
31) Cyclohexane	7.98	56	11555	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	39600	4.490	ug/l #	50
38) Carbon Tetrachloride	7.98	117	51189	5.702	ug/l #	15
51) 4-Methyl-2-Pentanone	10.35	43	4776	1.403	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	120148	65.578	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	120148	141.594	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065361.D

Acq: 28 Feb 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

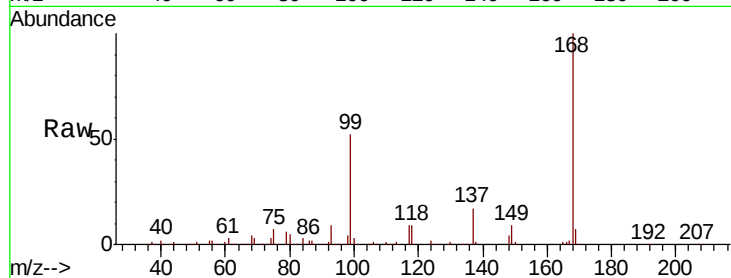
GP-06-022720

Tot Ion:168 Resp: 549893

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

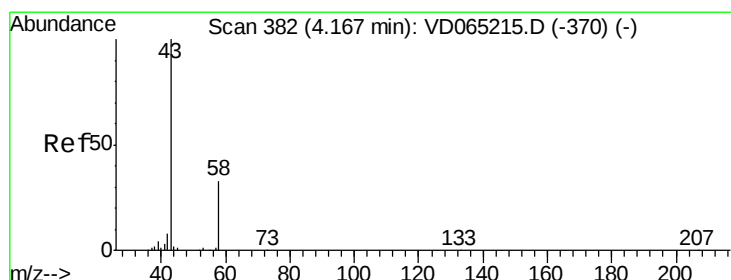
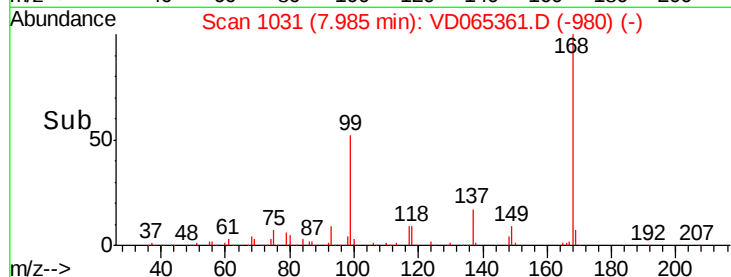
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.217 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD065361.D

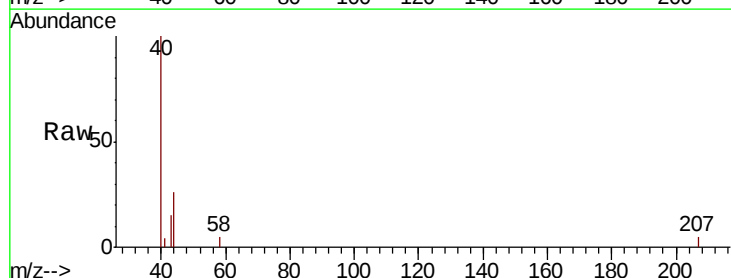
Acq: 28 Feb 2020 16:18

Tgt Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

58 35.9 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

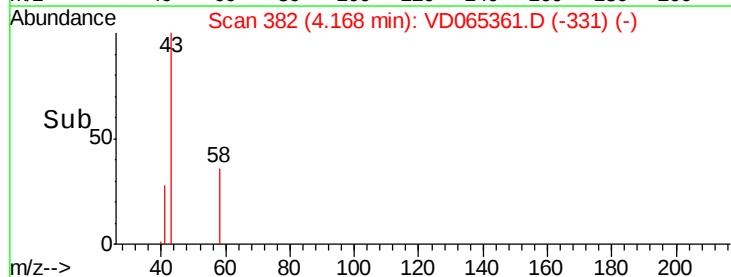
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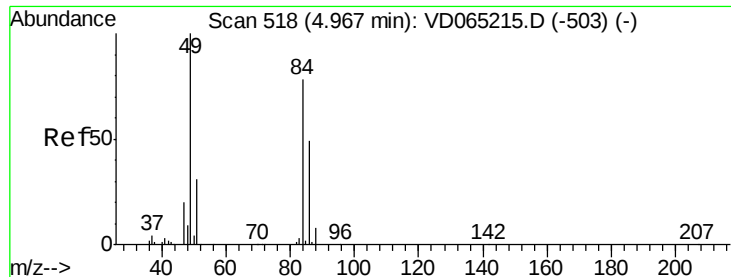
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200

0

Time-->

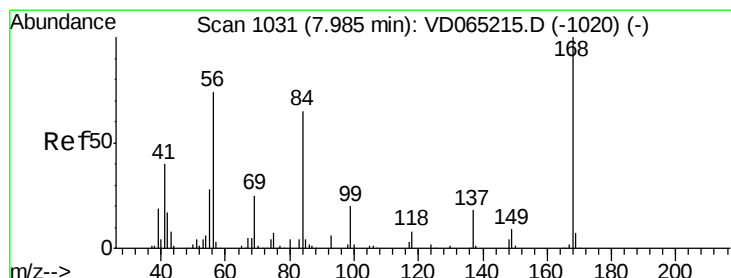
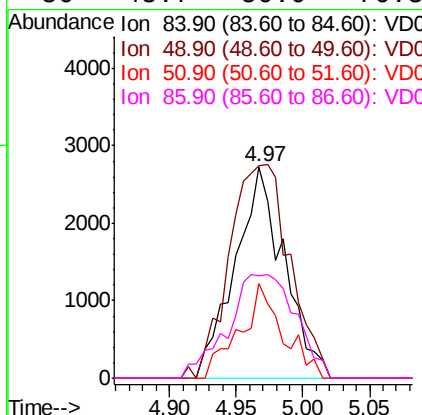
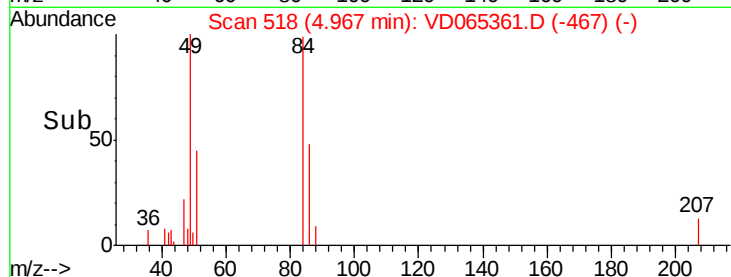
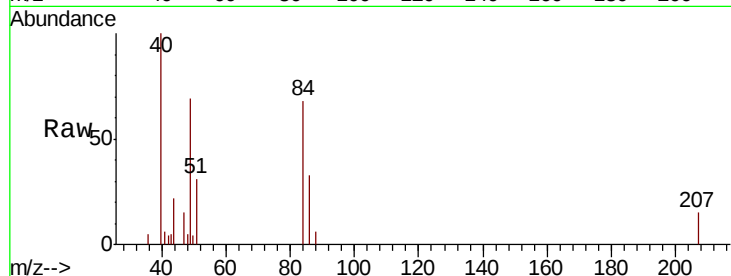




#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD065361.D
Acq: 28 Feb 2020 16:18

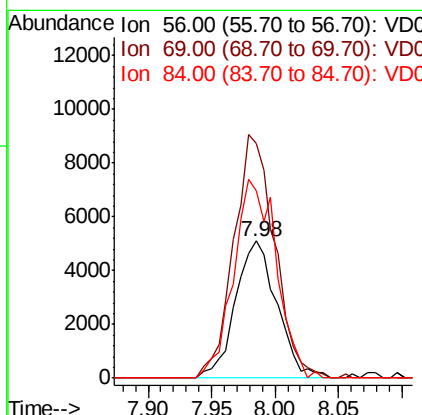
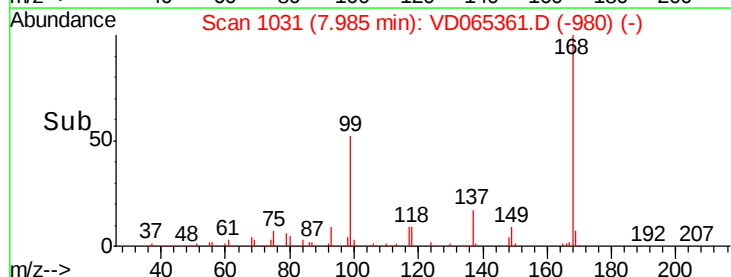
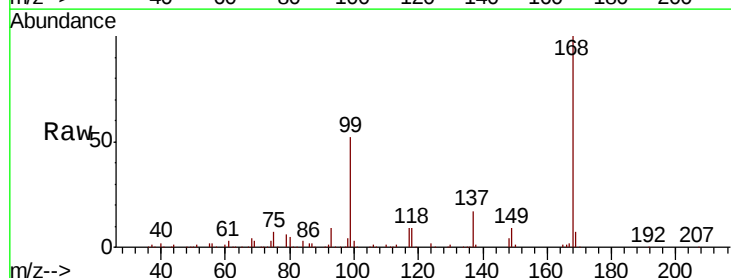
Instrument :
MSVOA_D
ClientSampleId :
GP-06-022720

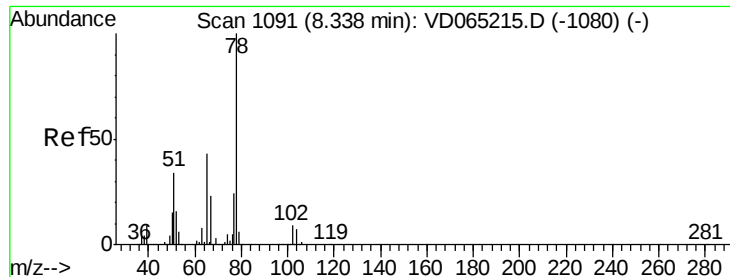
Tot Ion: 84 Resp: 6960
Ion Ratio Lower Upper
84 100
49 100.6 103.1 154.7#
51 45.0 31.7 47.5
86 48.7 50.9 76.3#



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065361.D
Acq: 28 Feb 2020 16:18

Tgt Ion: 56 Resp: 11555
Ion Ratio Lower Upper
56 100
69 171.2 27.4 41.0#
84 136.5 71.1 106.7#

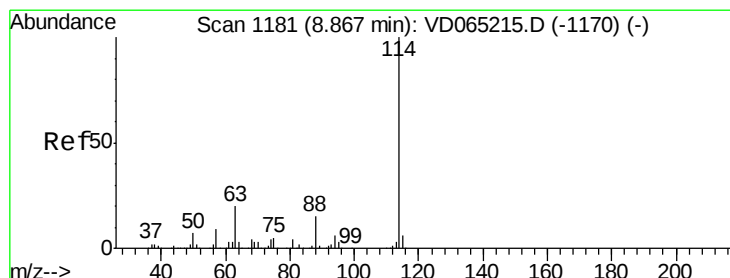
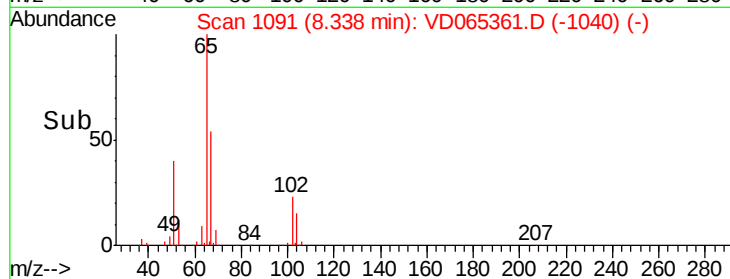
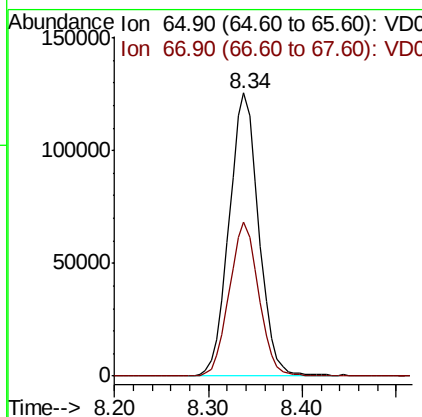
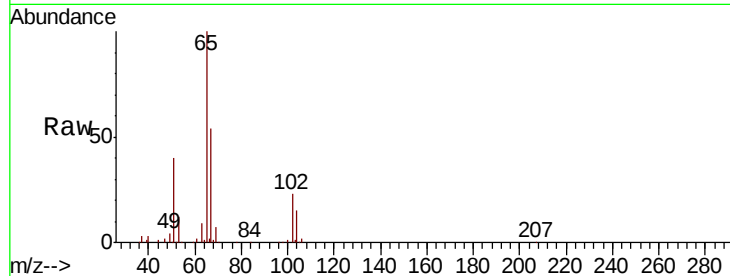




#33
 1,2-Dichloroethane-d4
 Concen: 55.498 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065361.D
 Acq: 28 Feb 2020 16:18

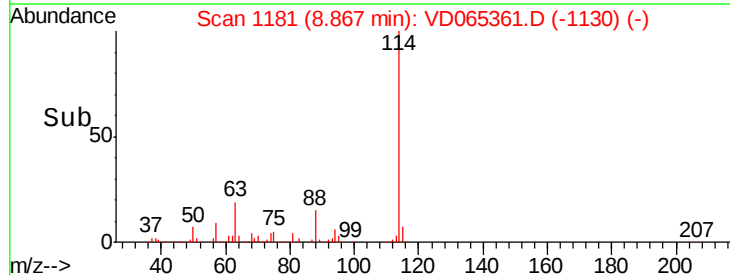
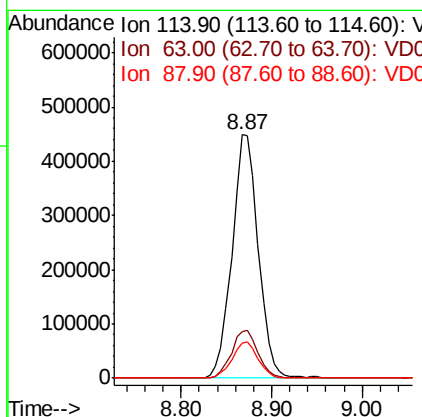
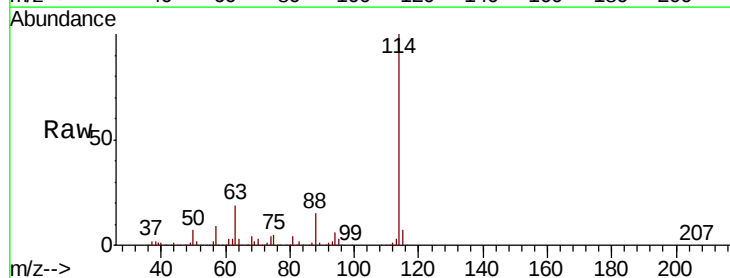
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-06-022720

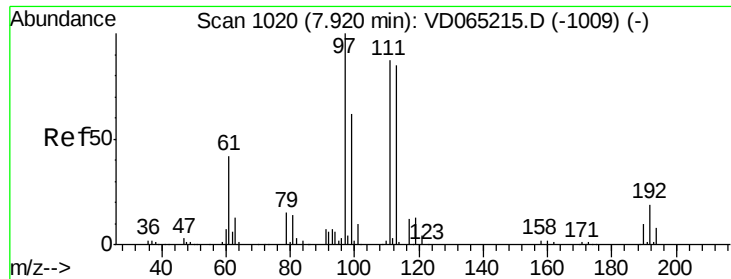
Tot Ion: 65 Resp: 274542
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065361.D
 Acq: 28 Feb 2020 16:18

Tgt Ion: 114 Resp: 906328
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.4
 88 14.6 0.0 30.4

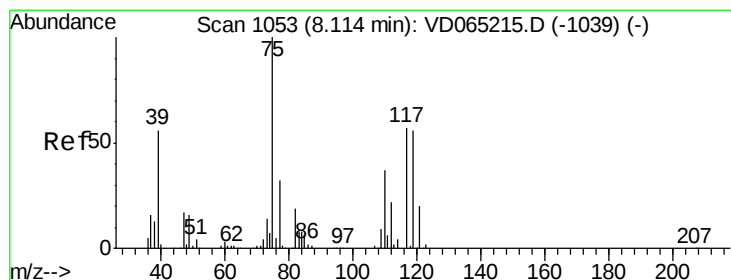
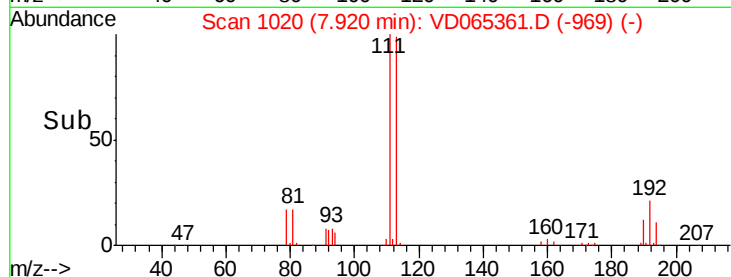
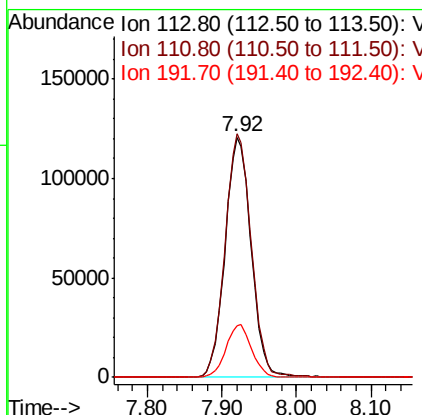
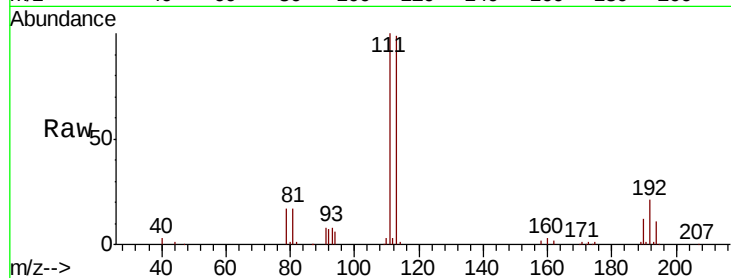




#35
 Dibromofluoromethane
 Concen: 52.963 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065361.D
 Acq: 28 Feb 2020 16:18

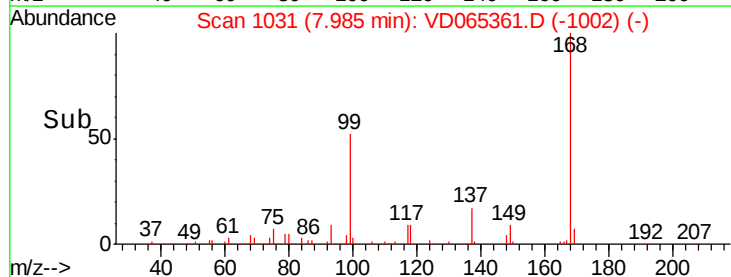
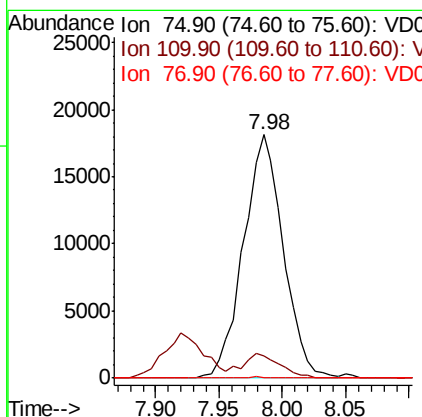
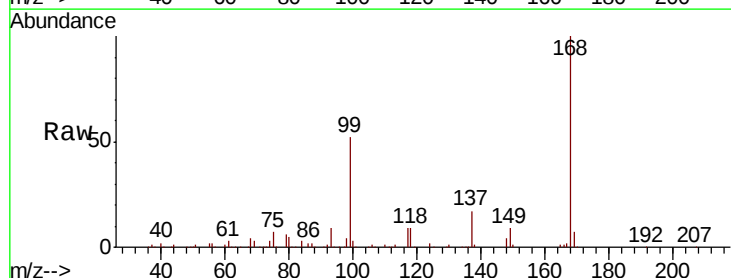
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-06-022720

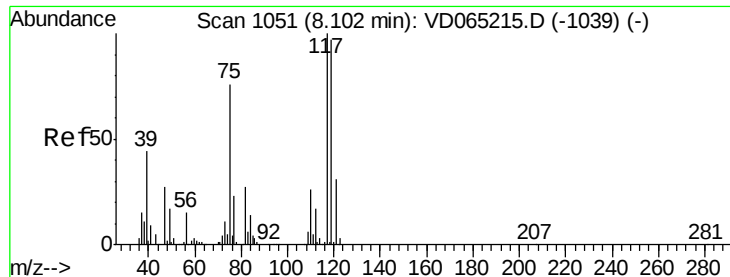
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	21.5	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 4.490 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065361.D
 Acq: 28 Feb 2020 16:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.9	53.7#
77	0.1	25.1	37.7#

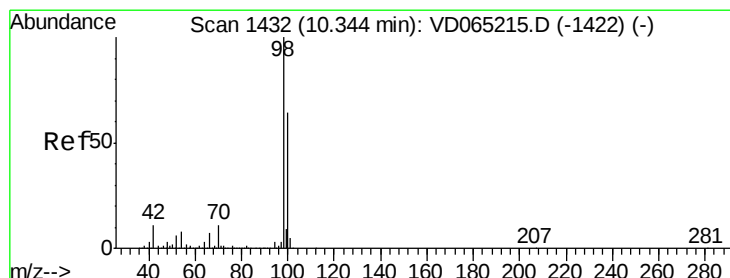
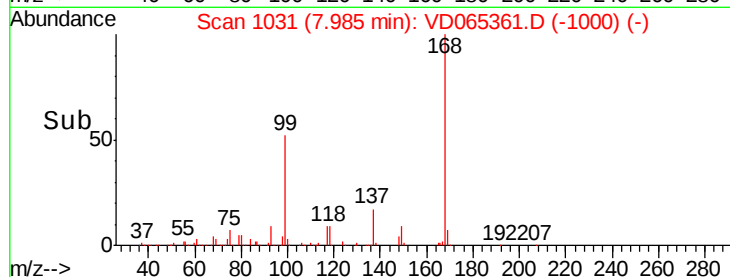
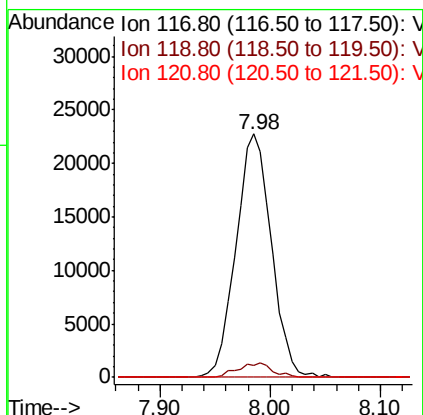
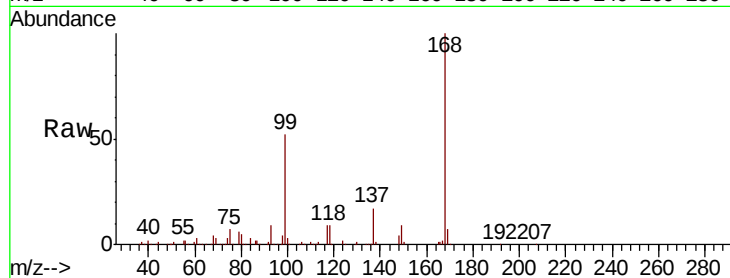




#38
Carbon Tetrachloride
Concen: 5.702 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.12 min
Lab File: VD065361.D
Acq: 28 Feb 2020 16:18

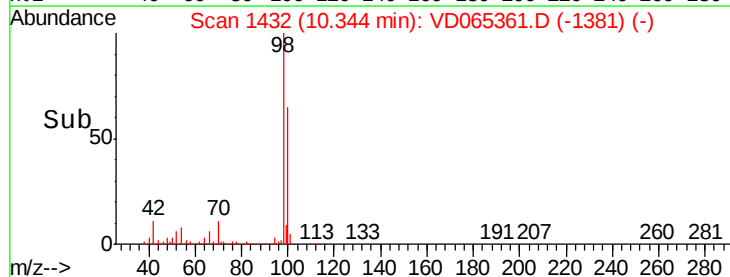
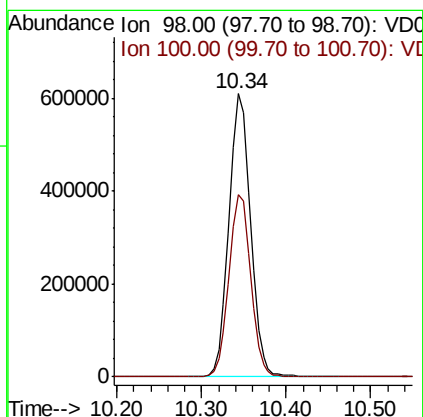
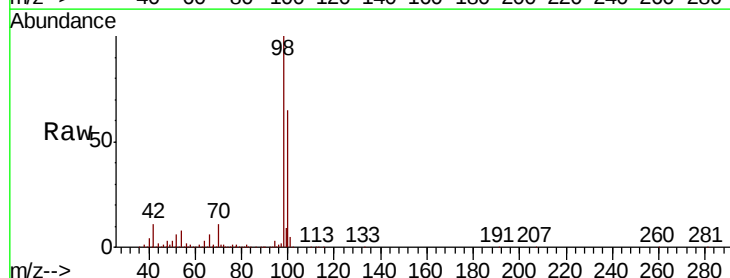
Instrument :
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ClientSampleId :
GP-06-022720

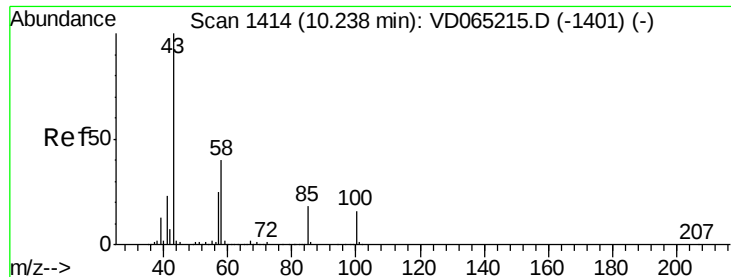
Tot Ion:117 Resp: 51189
Ion Ratio Lower Upper
117 100
119 4.8 77.6 116.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.887 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065361.D
Acq: 28 Feb 2020 16:18

Tgt Ion: 98 Resp: 1075051
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.403 ug/l

RT: 10.35 min Scan# 1433

Delta R.T. 0.11 min

Lab File: VD065361.D

Acq: 28 Feb 2020 16:18

Instrument :

MSVOA_D

ClientSampled :

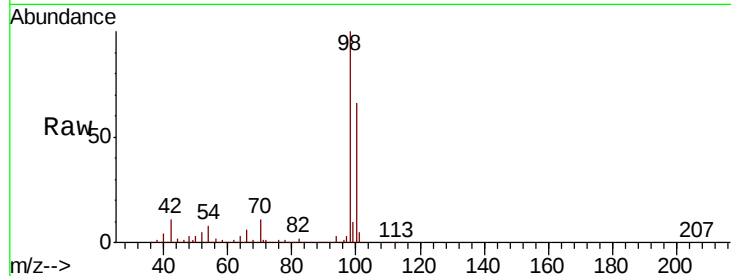
GP-06-022720

Tot Ion: 43 Resp: 4776

Ion Ratio Lower Upper

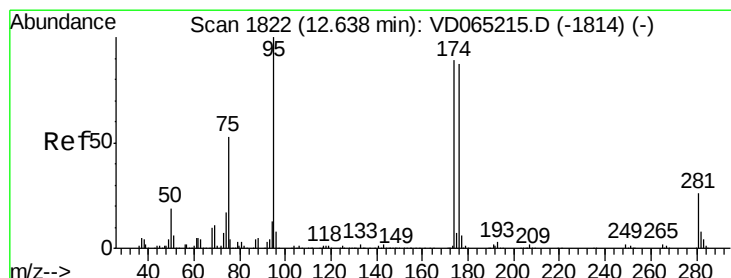
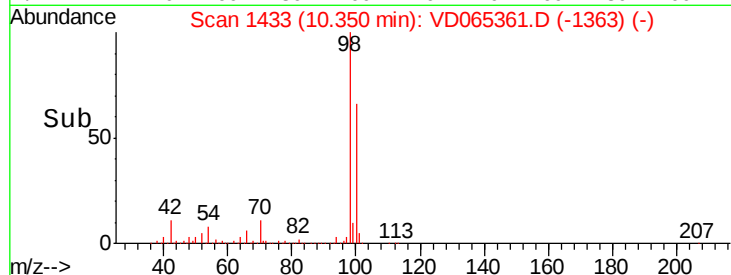
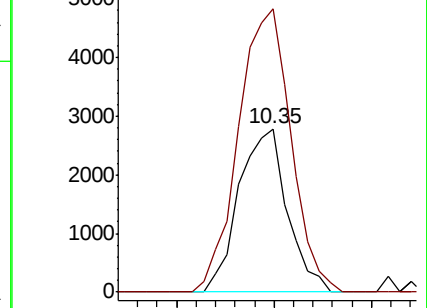
43 100

58 188.0 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: 37.181 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065361.D

Acq: 28 Feb 2020 16:18

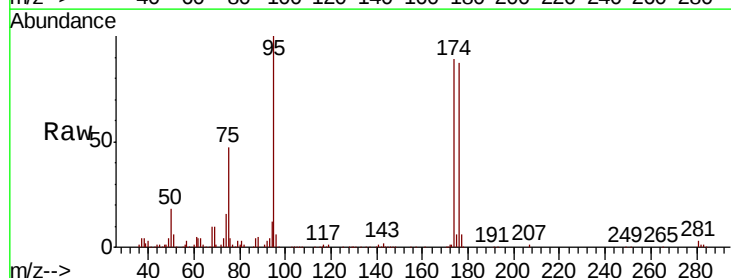
Tgt Ion: 95 Resp: 248842

Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.0

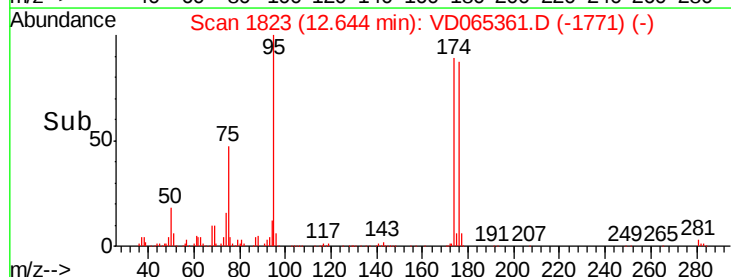
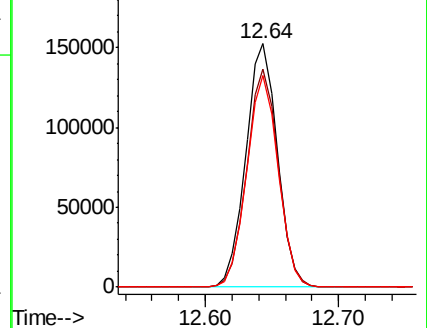
176 86.2 0.0 174.4

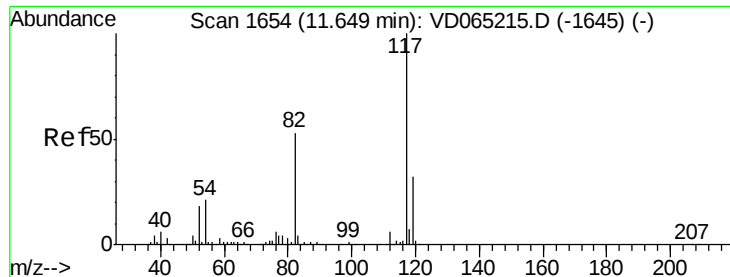


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

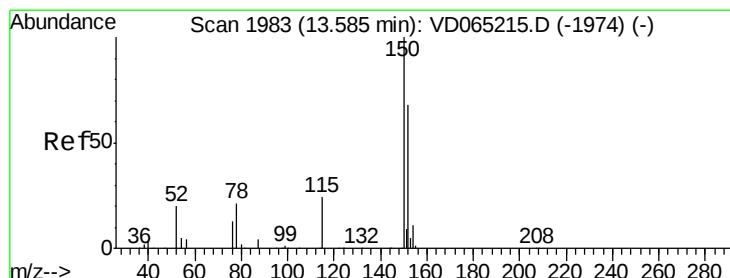
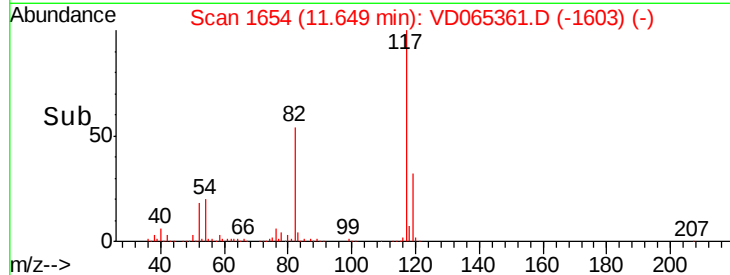
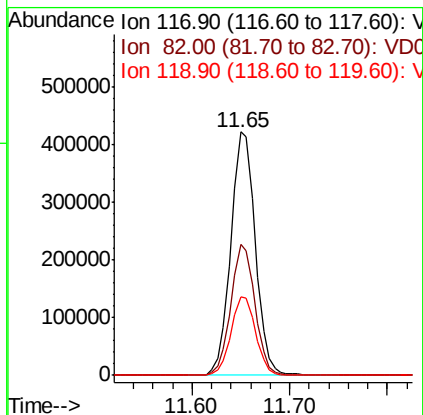
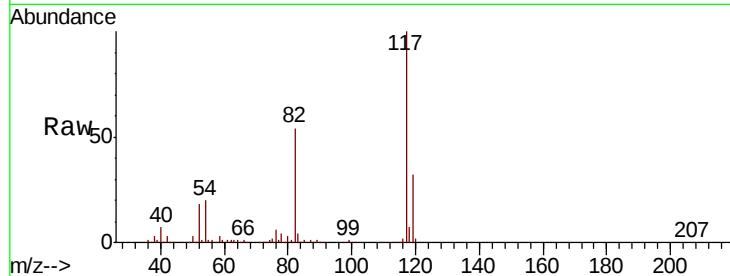




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065361.D
Acq: 28 Feb 2020 16:18

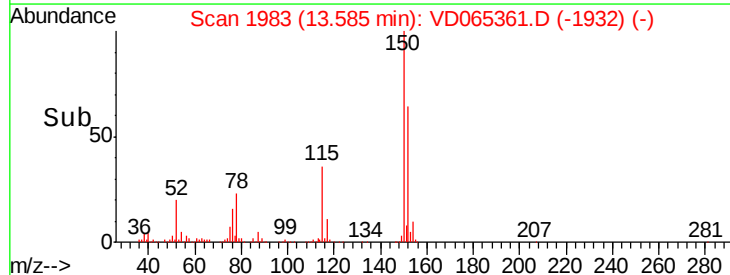
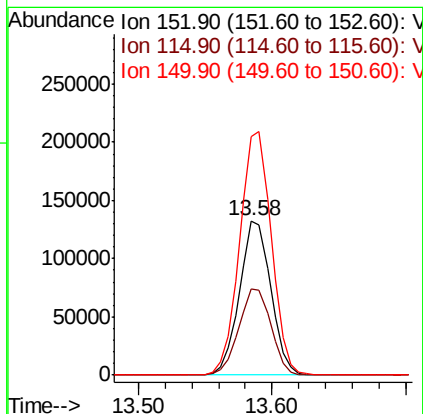
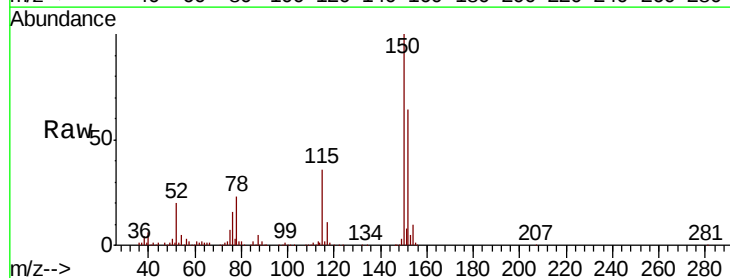
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GP-06-022720

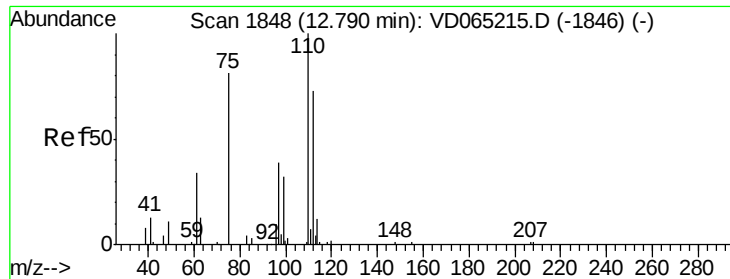
Tot Ion:117 Resp: 735243
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065361.D
Acq: 28 Feb 2020 16:18

Tgt Ion:152 Resp: 215337
Ion Ratio Lower Upper
152 100
115 56.9 27.6 82.8
150 159.4 0.0 347.4





#76

1,2,3-Trichloropropane

Concen: 65.578 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065361.D

Acq: 28 Feb 2020 16:18

Instrument :

MSVOA_D

ClientSampleId :

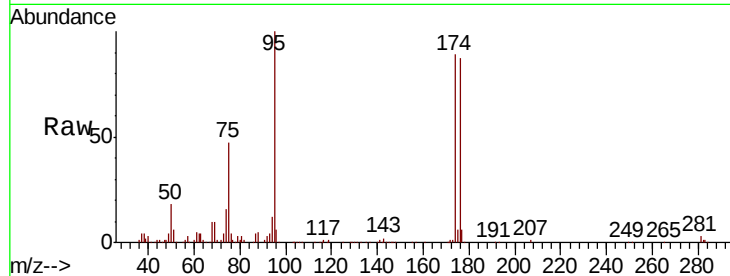
GP-06-022720

Tot Ion: 75 Resp: 120148

Ion Ratio Lower Upper

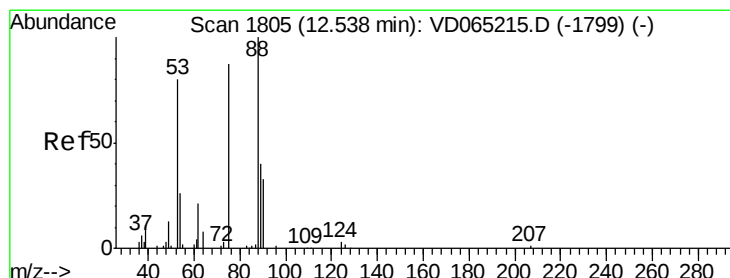
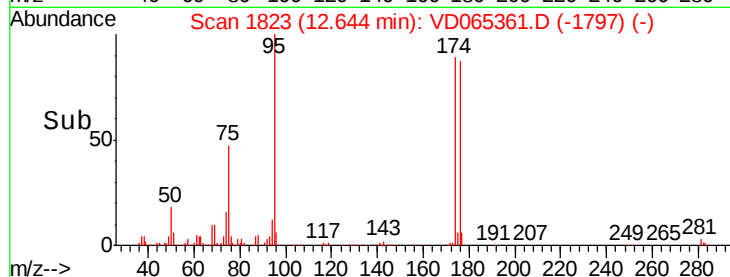
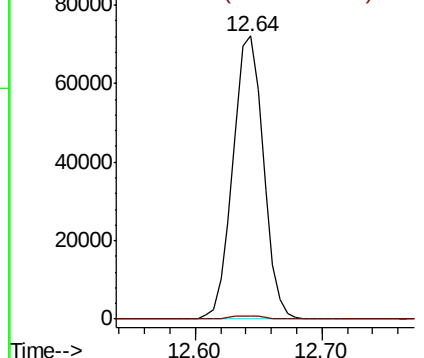
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 141.594 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065361.D

Acq: 28 Feb 2020 16:18

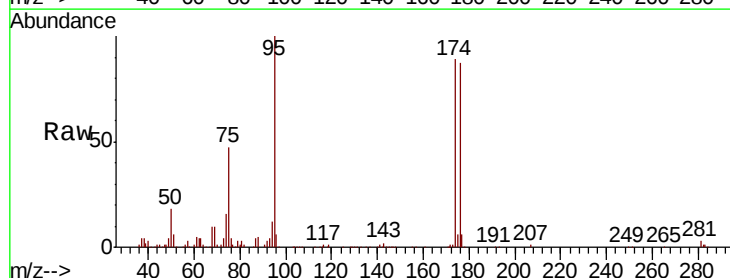
Tgt Ion: 75 Resp: 120148

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

