

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031220\
 Data File : VD065490.D
 Acq On : 12 Mar 2020 18:18
 Operator : VA/SY
 Sample : L1912-15
 Misc : 7.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-2A

Quant Time: Mar 13 04:26:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	562683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	948255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	927871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	435515	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	280311	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
35) Dibromofluoromethane	7.92	113	301521	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.34	98	1163203	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.64	95	381994	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	

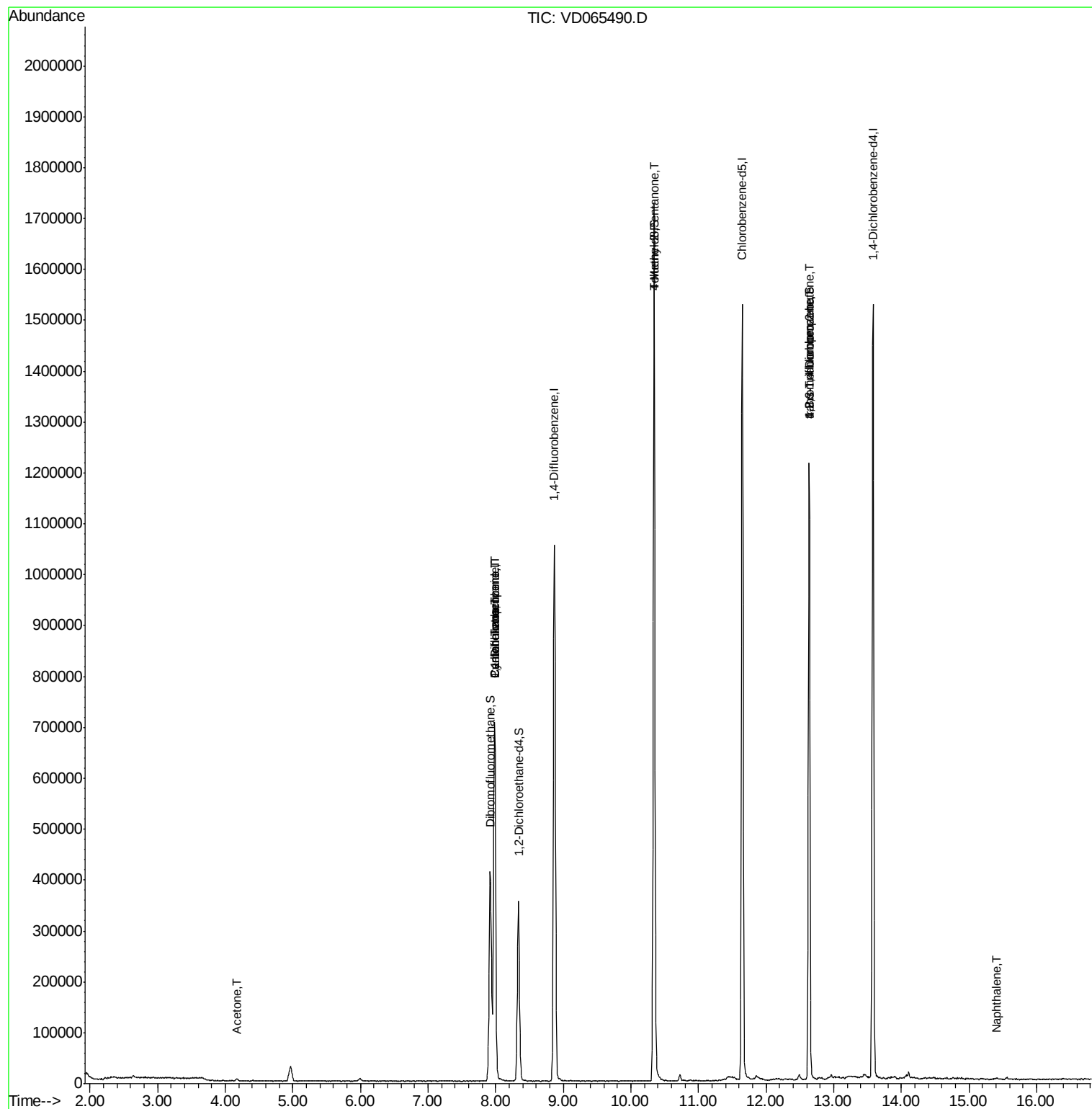
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	530	Below Cal	#	77
16) Acetone	4.17	43	6493	6.65	ug/l #	88
31) Cyclohexane	7.98	56	10976	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	37971	4.18	ug/l #	49
38) Carbon Tetrachloride	7.98	117	50922	5.40	ug/l #	18
51) 4-Methyl-2-Pentanone	10.34	43	4836	1.48	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	187902	54.68	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	187902	115.39	ug/l #	14
95) Naphthalene	15.40	128	1476	4.50	ug/l #	76

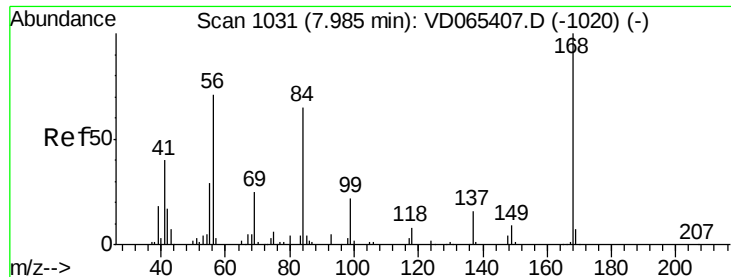
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031220\
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Quant Time: Mar 13 04:26:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 01:22:07 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065490.D

Acq: 12 Mar 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

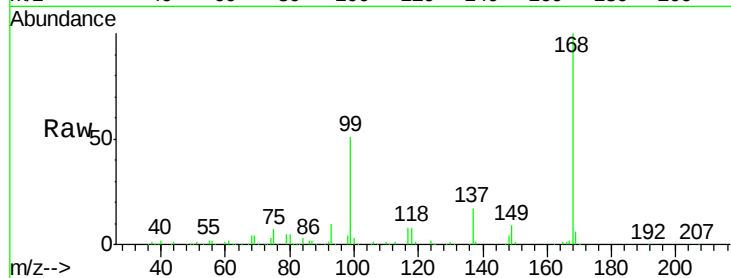
Z1-2A

Tgt Ion:168 Resp: 562683

Ion Ratio Lower Upper

168 100

99 51.1 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

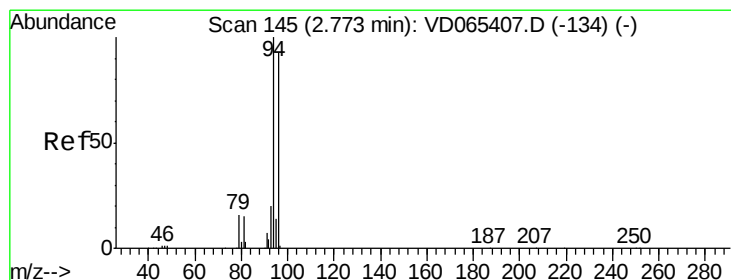
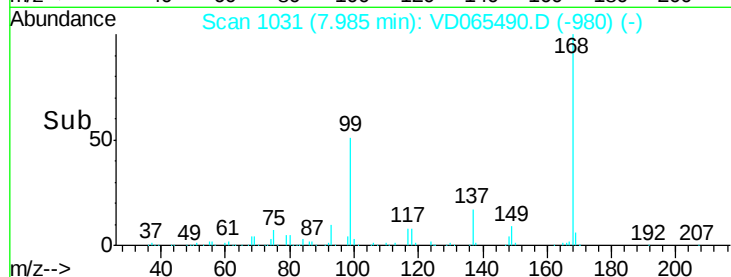
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD065490.D

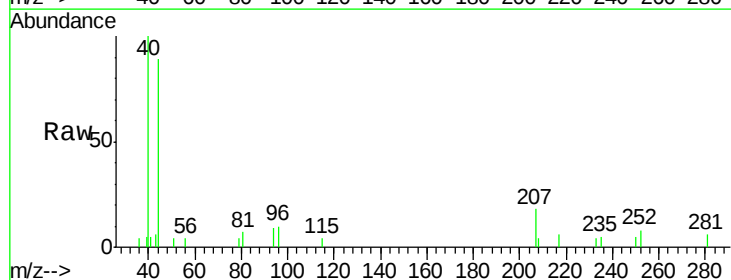
Acq: 12 Mar 2020 18:18

Tgt Ion: 94 Resp: 530

Ion Ratio Lower Upper

94 100

96 70.5 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.79

400

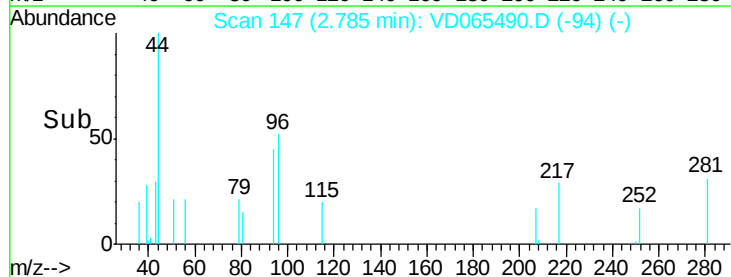
300

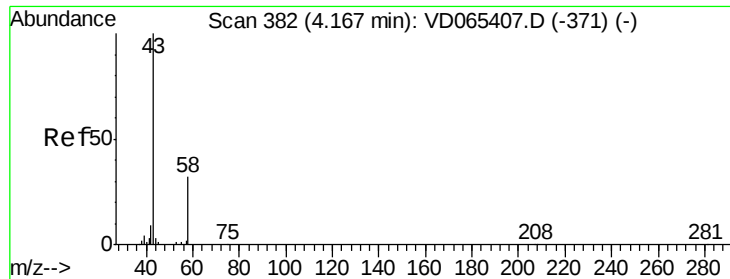
200

100

0

Time-->





#16

Acetone

Concen: 6.65 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD065490.D

Acq: 12 Mar 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

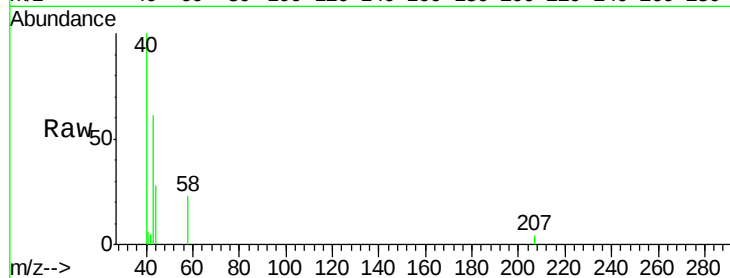
Z1-2A

Tgt Ion: 43 Resp: 6493

Ion Ratio Lower Upper

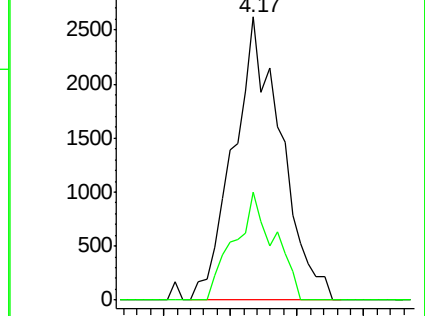
43 100

58 38.0 25.1 37.7#

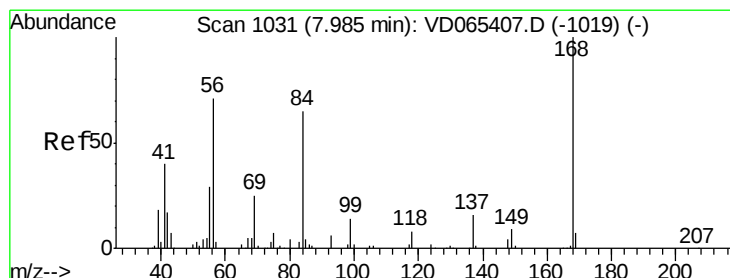
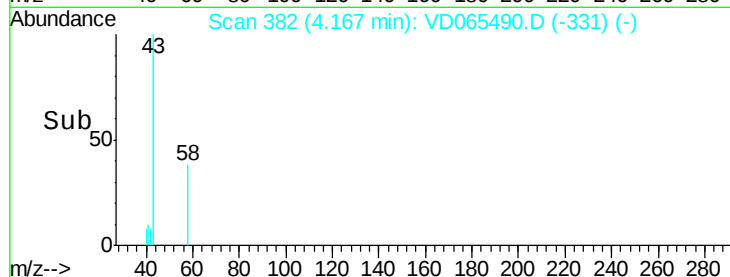


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



Time-->



#31

Cyclohexane

Concen: 1.15 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065490.D

Acq: 12 Mar 2020 18:18

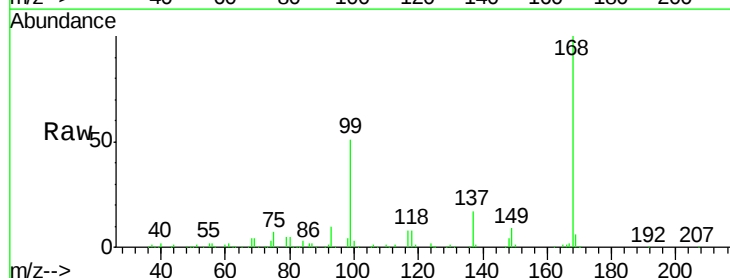
Tgt Ion: 56 Resp: 10976

Ion Ratio Lower Upper

56 100

69 174.3 28.3 42.5#

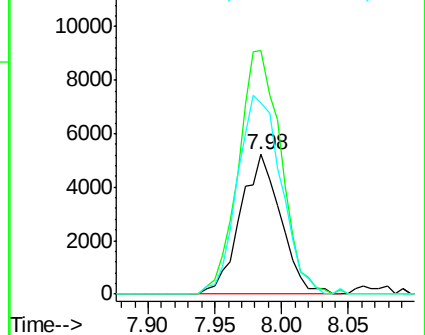
84 136.4 73.1 109.7#



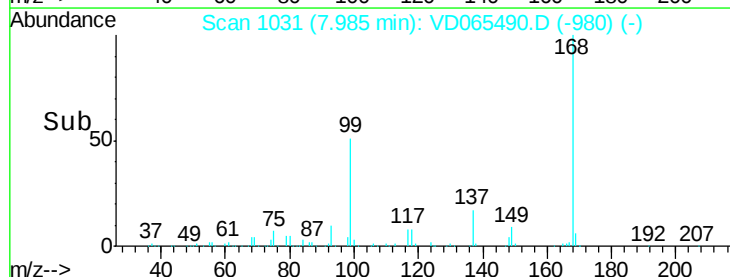
Abundance Ion 56.00 (55.70 to 56.70): VDC

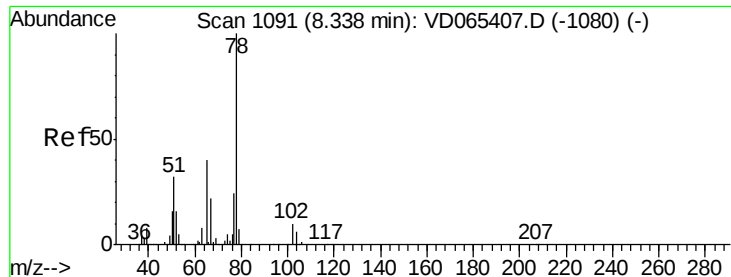
Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC



Time-->

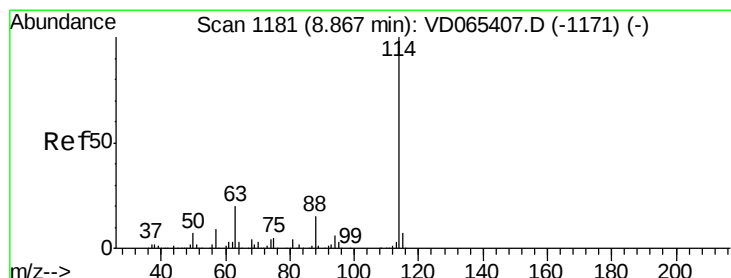
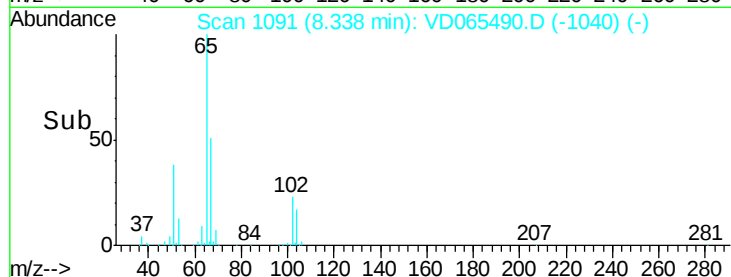
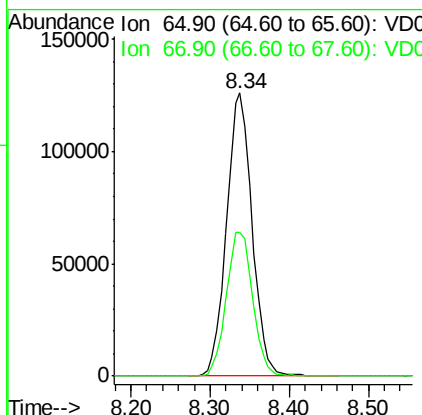
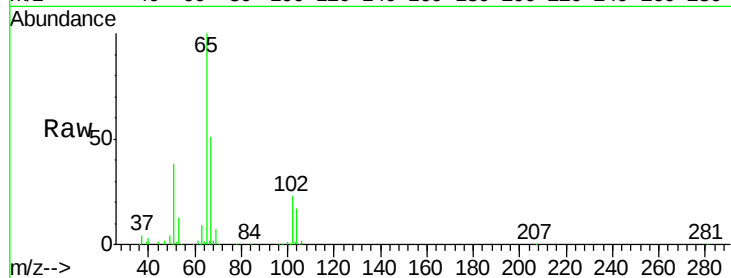




#33
 1,2-Dichloroethane-d4
 Concen: 58.08 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065490.D
 Acq: 12 Mar 2020 18:18

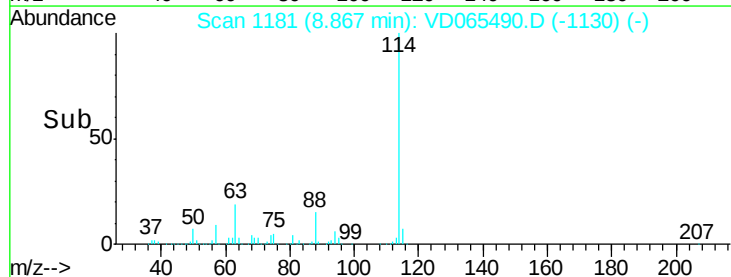
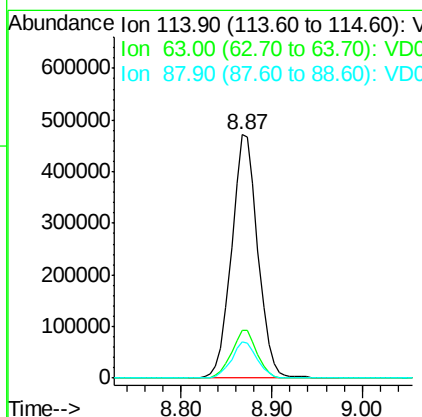
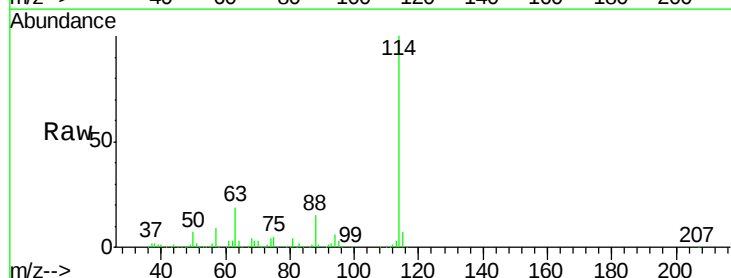
Instrument :
 MSVOA_D
 ClientSampleID :
 Z1-2A

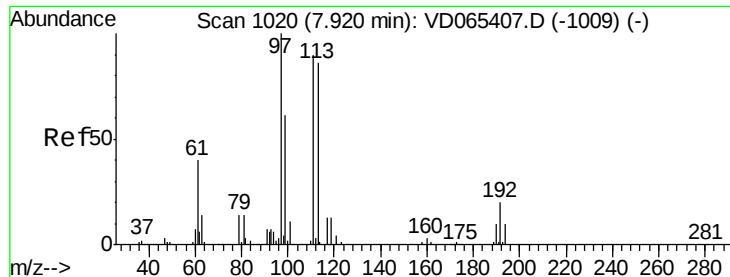
Tgt Ion: 65 Resp: 280311
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065490.D
 Acq: 12 Mar 2020 18:18

Tgt Ion: 114 Resp: 948255
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 14.8 0.0 30.4

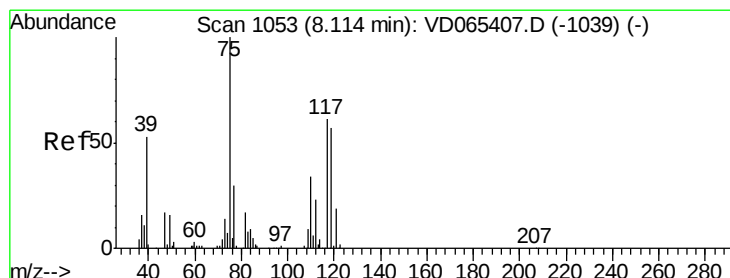
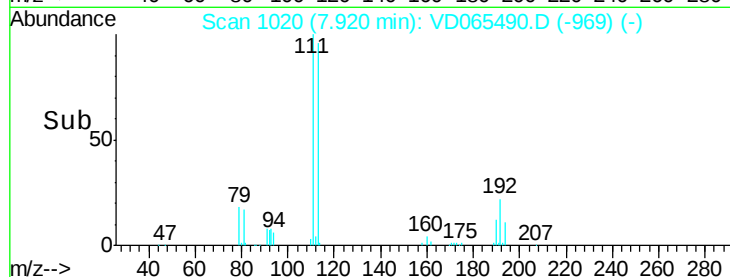
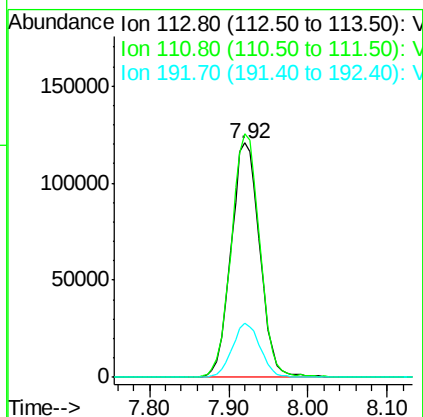
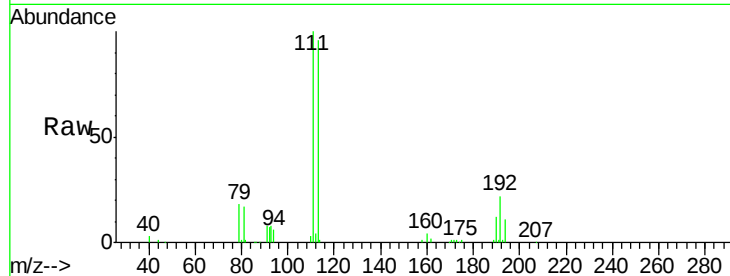




#35
 Dibromofluoromethane
 Concen: 51.42 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065490.D
 Acq: 12 Mar 2020 18:18

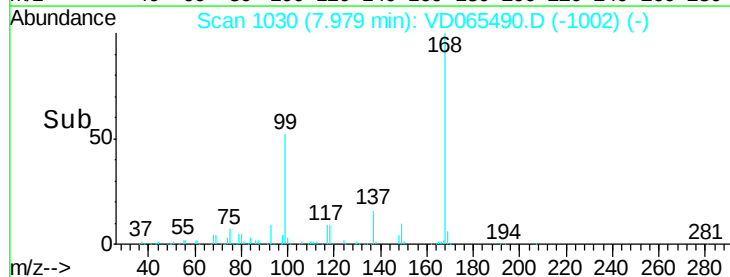
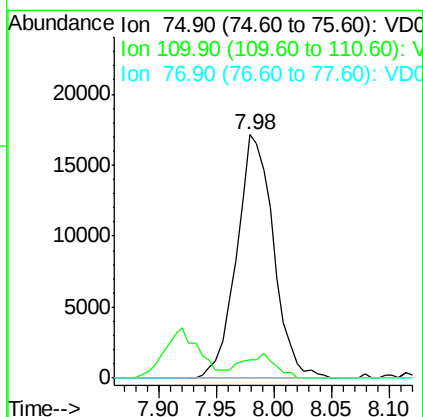
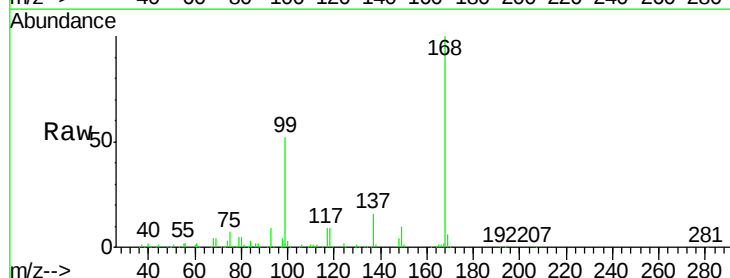
Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-2A

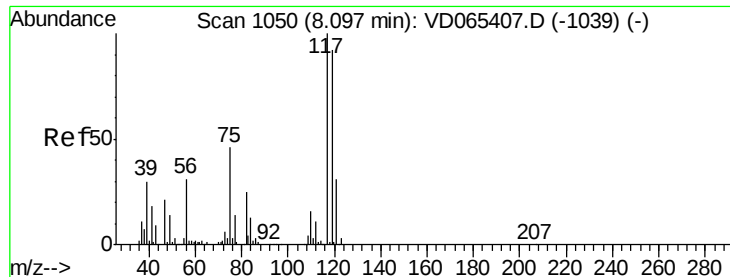
Tgt Ion: 113 Resp: 301521
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.1 123.1
 192 22.5 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 4.18 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065490.D
 Acq: 12 Mar 2020 18:18

Tgt Ion: 75 Resp: 37971
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.1#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.40 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.12 min

Lab File: VD065490.D

Acq: 12 Mar 2020 18:18

Instrument :

MSVOA_D

ClientSampled :

Z1-2A

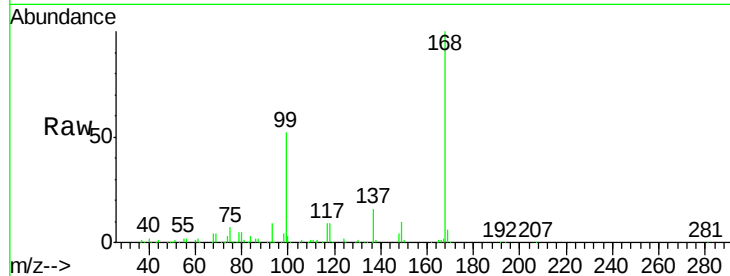
Tgt Ion:117 Resp: 50922

Ion Ratio Lower Upper

117 100

119 5.6 73.3 109.9#

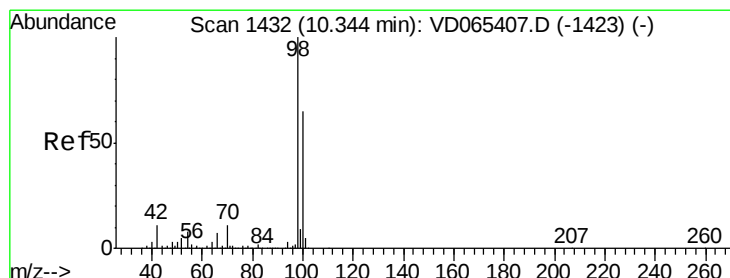
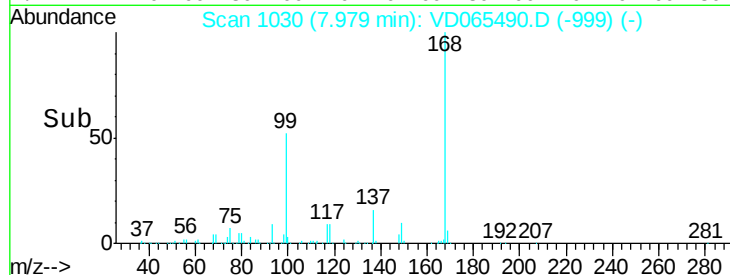
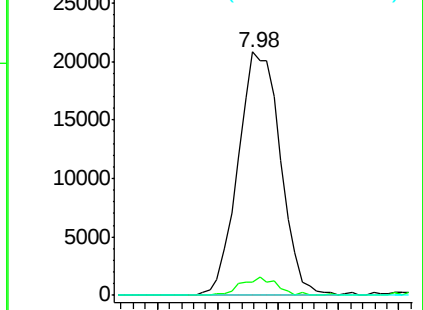
121 0.0 25.0 37.4#



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: 51.71 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065490.D

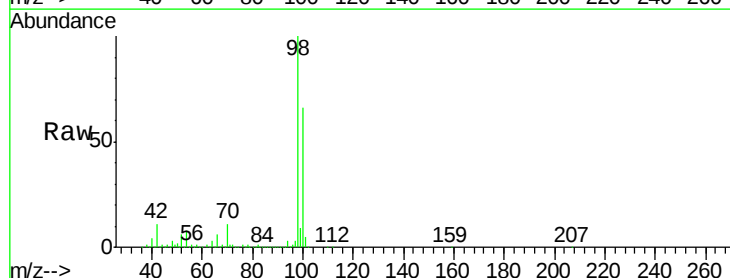
Acq: 12 Mar 2020 18:18

Tgt Ion: 98 Resp: 1163203

Ion Ratio Lower Upper

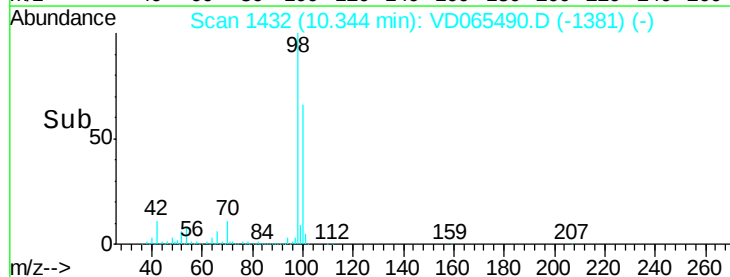
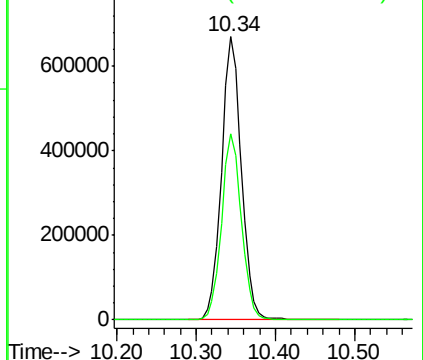
98 100

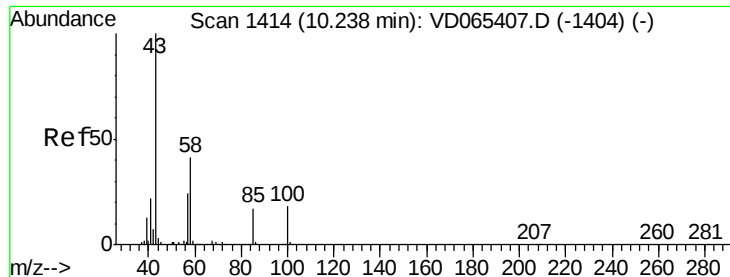
100 65.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

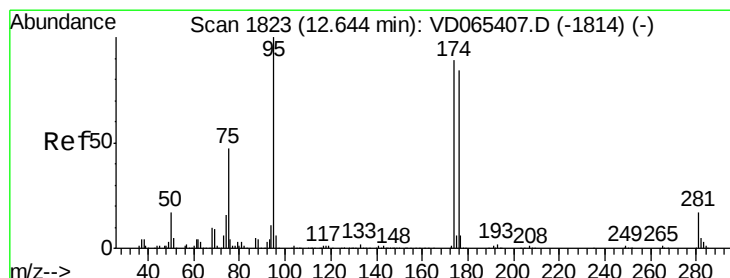
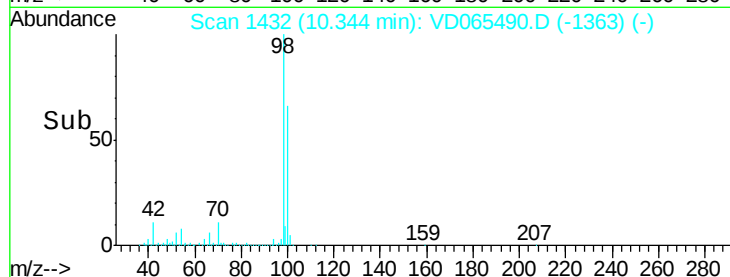
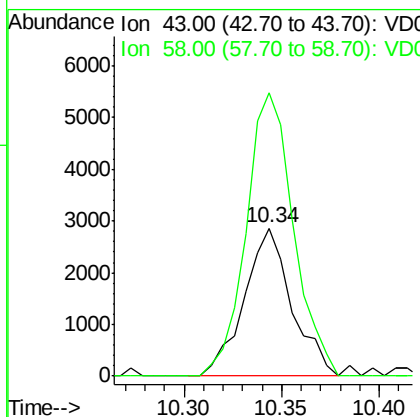
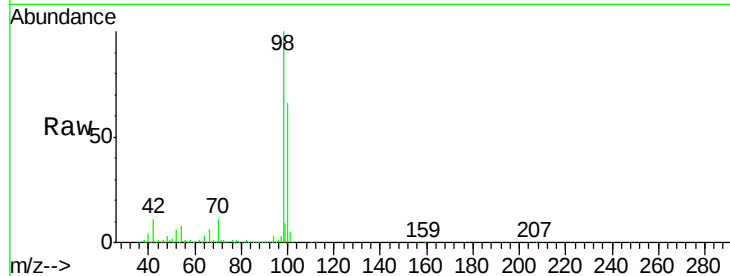




#51
 4-Methyl-2-Pentanone
 Concen: 1.48 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.11 min
 Lab File: VD065490.D
 Acq: 12 Mar 2020 18:18

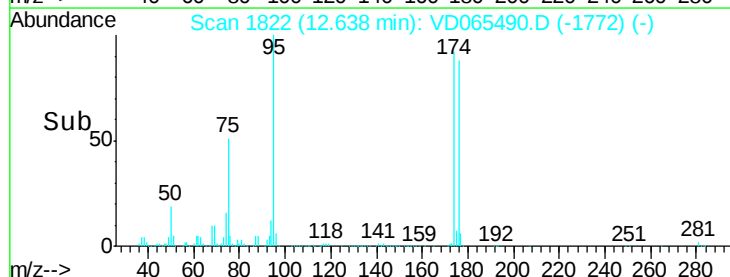
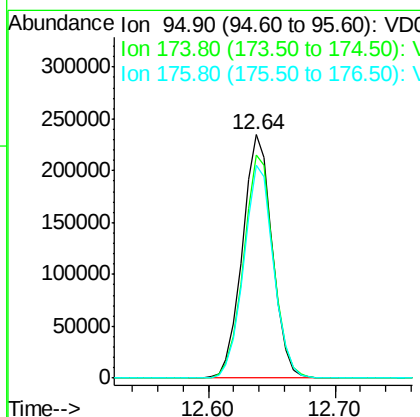
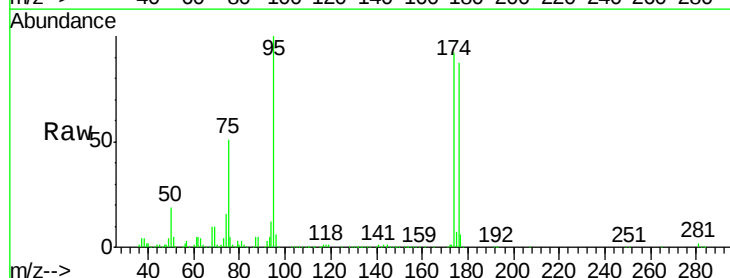
Instrument :
 MSVOA_D
 ClientSampled :
 Z1-2A

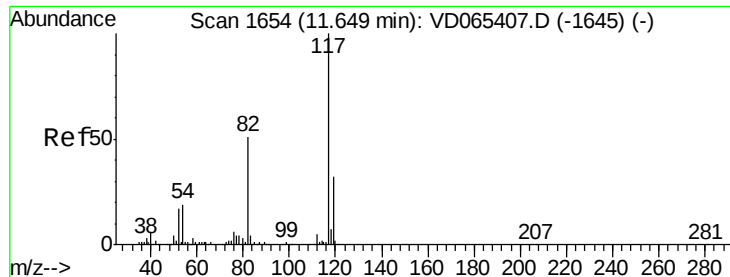
Tgt Ion: 43 Resp: 4836
 Ion Ratio Lower Upper
 43 100
 58 190.4 31.8 47.6#



#62
 4-Bromofluorobenzene
 Concen: 55.00 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: VD065490.D
 Acq: 12 Mar 2020 18:18

Tgt Ion: 95 Resp: 381994
 Ion Ratio Lower Upper
 95 100
 174 92.1 0.0 176.8
 176 87.6 0.0 171.4

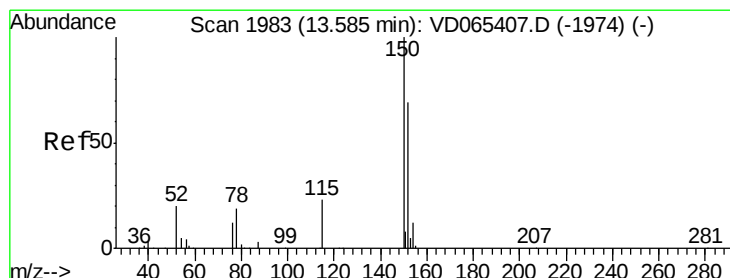
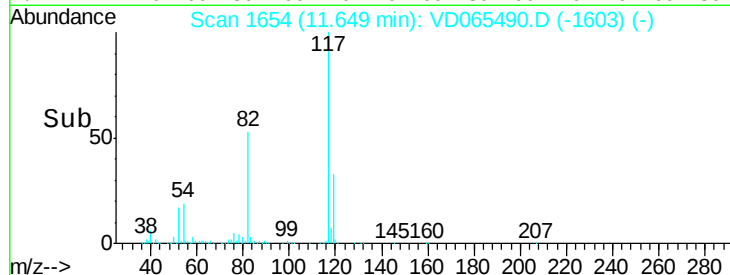
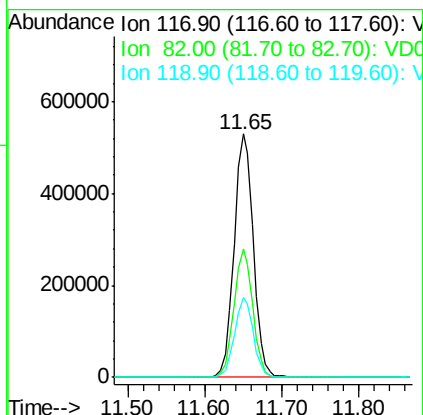
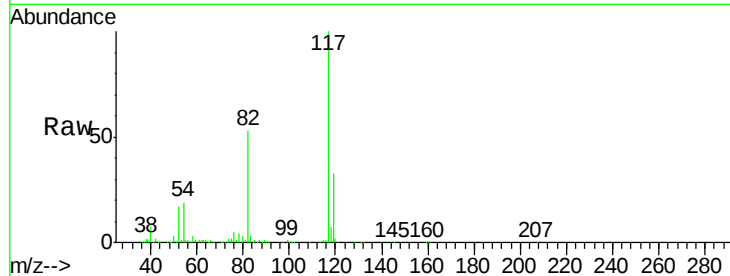




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065490.D
Acq: 12 Mar 2020 18:18

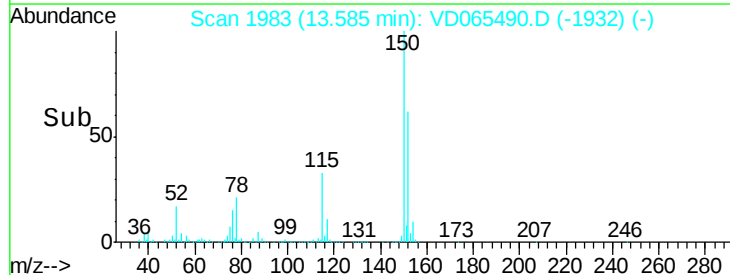
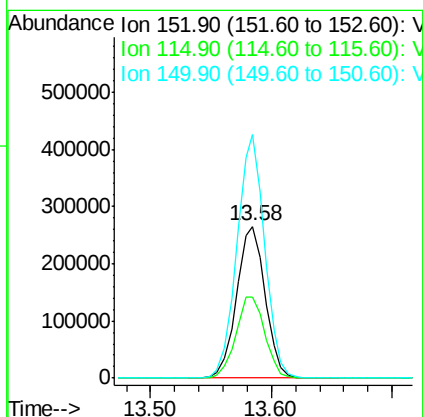
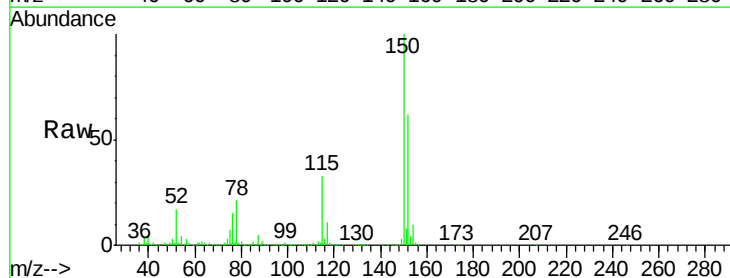
Instrument :
MSVOA_D
ClientSampleId :
Z1-2A

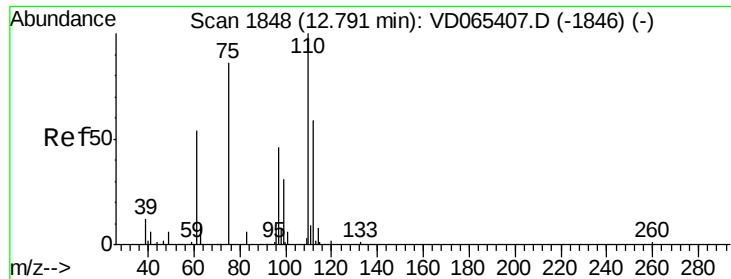
Tgt Ion:117 Resp: 927871
Ion Ratio Lower Upper
117 100
82 52.9 40.6 60.8
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065490.D
Acq: 12 Mar 2020 18:18

Tgt Ion:152 Resp: 435515
Ion Ratio Lower Upper
152 100
115 54.6 27.6 82.8
150 156.4 0.0 345.0

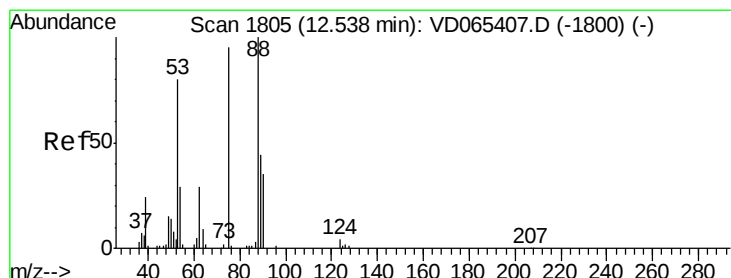
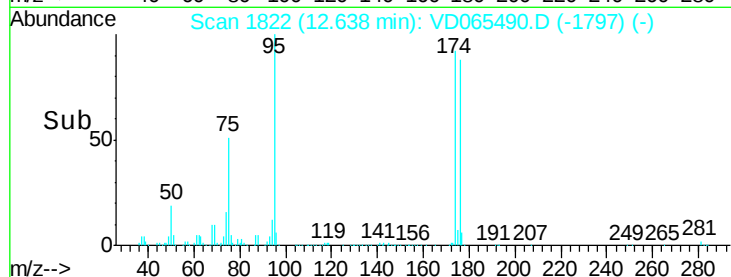
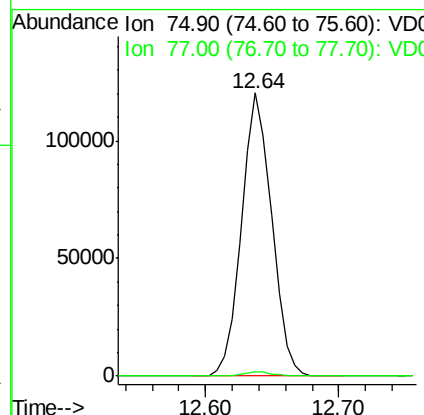
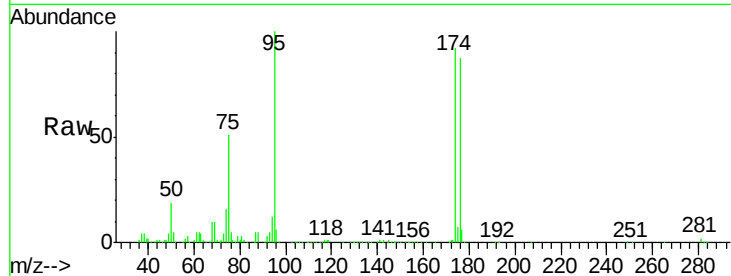




#76
 1,2,3-Trichloropropane
 Concen: 54.68 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.15 min
 Lab File: VD065490.D
 Acq: 12 Mar 2020 18:18

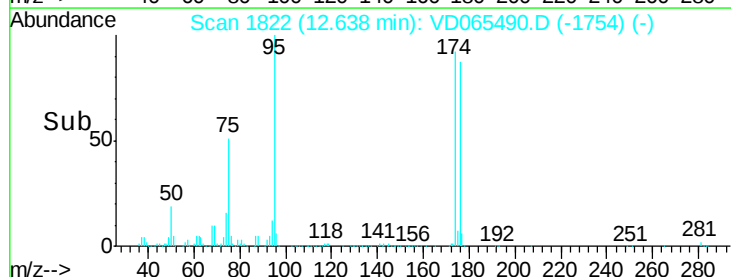
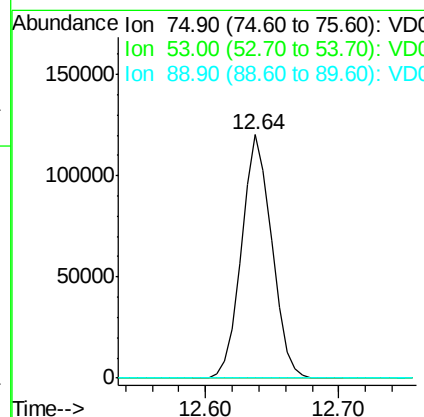
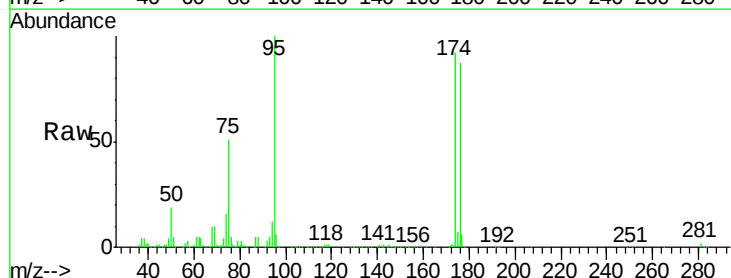
Instrument :
 MSVOA_D
 ClientSampled :
 Z1-2A

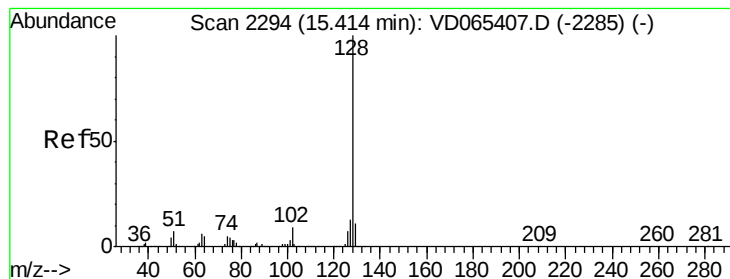
Tgt Ion: 75 Resp: 187902
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.39 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.10 min
 Lab File: VD065490.D
 Acq: 12 Mar 2020 18:18

Tgt Ion: 75 Resp: 187902
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 4.50 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD065490.D

Acq: 12 Mar 2020 18:18

Instrument :

MSVOA_D

ClientSampleId :

Z1-2A

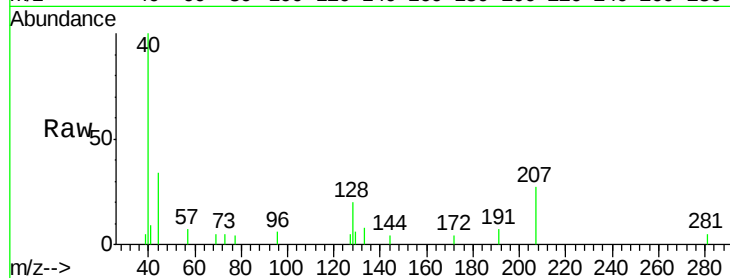
Tgt Ion:128 Resp: 1476

Ion Ratio Lower Upper

128 100

127 4.3 10.6 16.0#

129 20.7 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

