

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031220\
 Data File : VD065494.D
 Acq On : 12 Mar 2020 20:13
 Operator : VA/SY
 Sample : L1912-31
 Misc : 6.83G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-6A

Quant Time: Mar 13 04:27:16 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	7.99	168	526892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	896819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	842568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	390433	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	257232	56.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.82%	
35) Dibromofluoromethane	7.92	113	287028	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
50) Toluene-d8	10.34	98	1098540	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.64	95	335534	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	

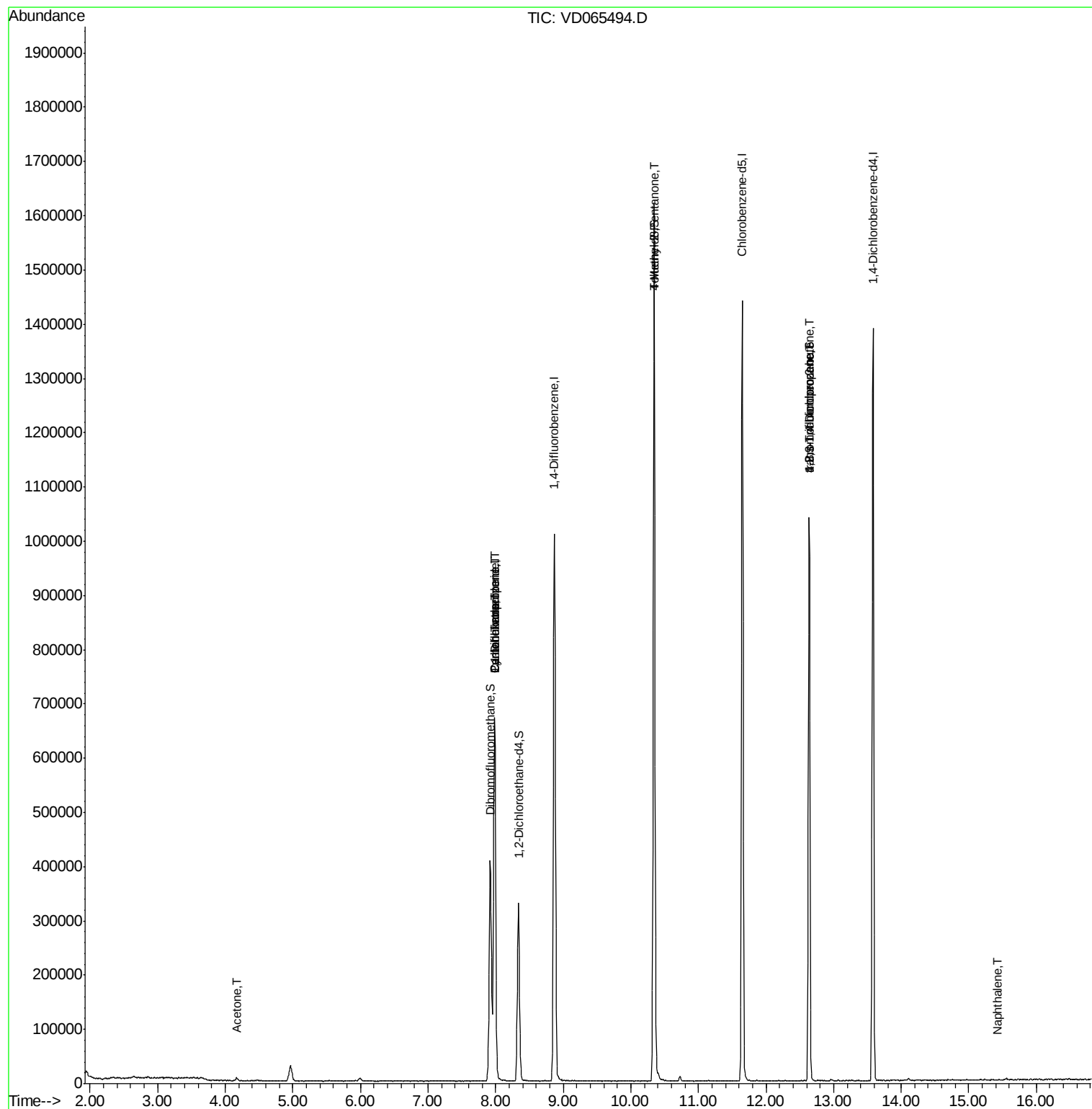
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	151	Below Cal	#	66
16) Acetone	4.16	43	9097	9.95	ug/l #	82
31) Cyclohexane	7.99	56	10285	1.15	ug/l #	20
36) 1,1-Dichloropropene	7.98	75	37102	4.32	ug/l #	47
38) Carbon Tetrachloride	7.99	117	48780	5.47	ug/l #	18
51) 4-Methyl-2-Pentanone	10.34	43	4675	1.51	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	161738	52.50	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	161738	110.79	ug/l #	14
95) Naphthalene	15.42	128	479	4.44	ug/l #	69

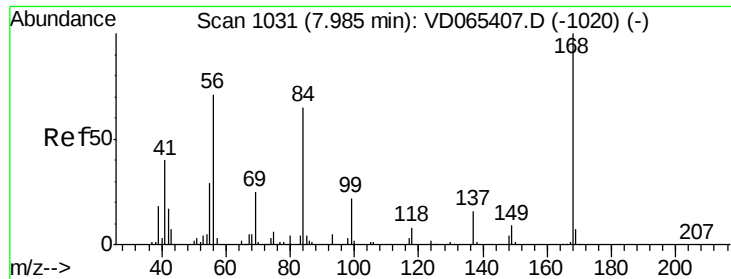
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031220\
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Mar 13 04:27:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
Quant Title : SW846 8260
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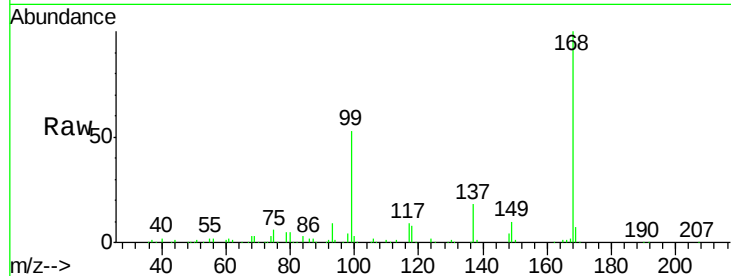




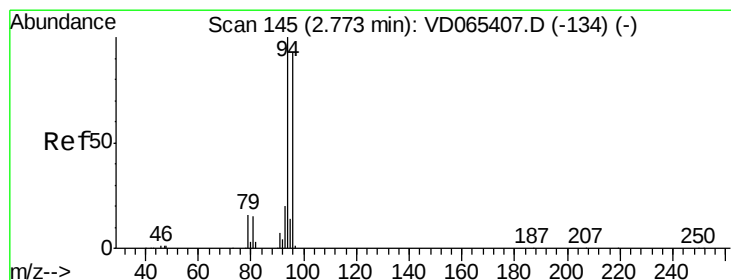
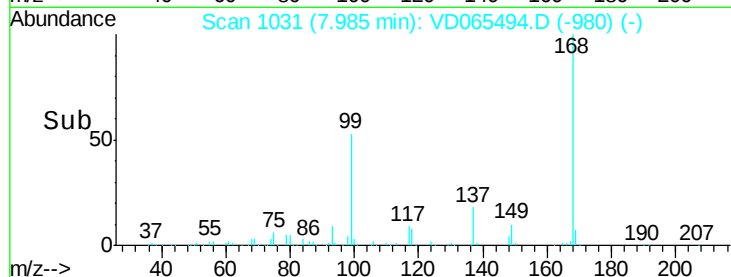
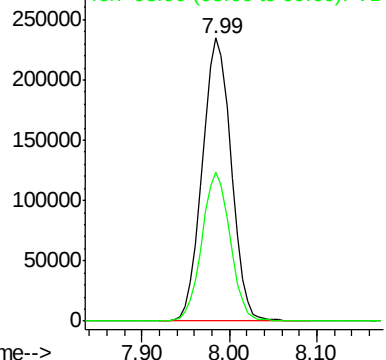
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065494.D
Acq: 12 Mar 2020 20:13

Instrument :
MSVOA_D
ClientSampled :
Z1-6A

Tgt Ion: 168 Resp: 526892
Ion Ratio Lower Upper
168 100
99 52.8 41.5 62.3

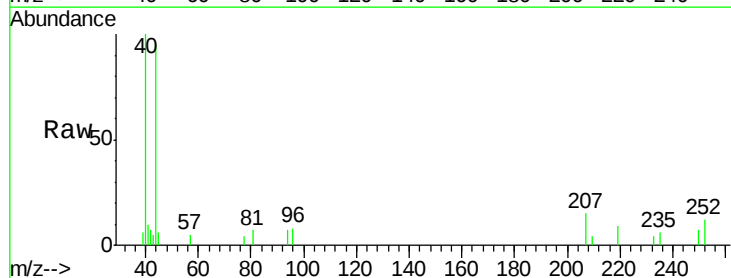


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

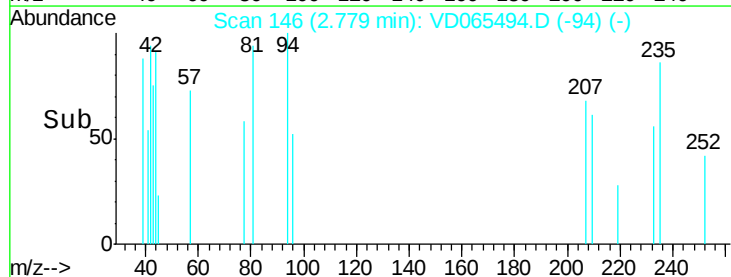
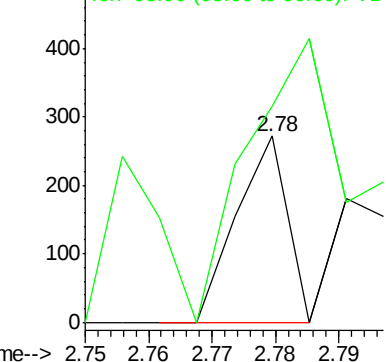


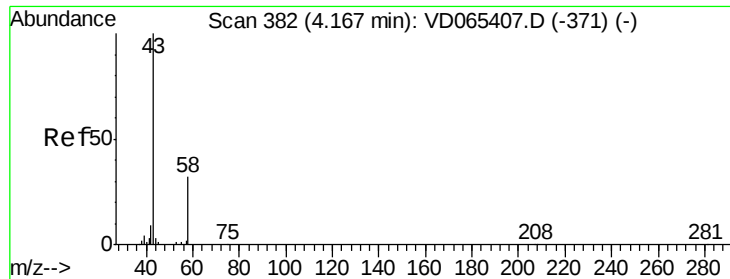
#5
Bromomethane
Concen: Below Cal
RT: 2.78 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD065494.D
Acq: 12 Mar 2020 20:13

Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 60.3 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 9.95 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065494.D

Acq: 12 Mar 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

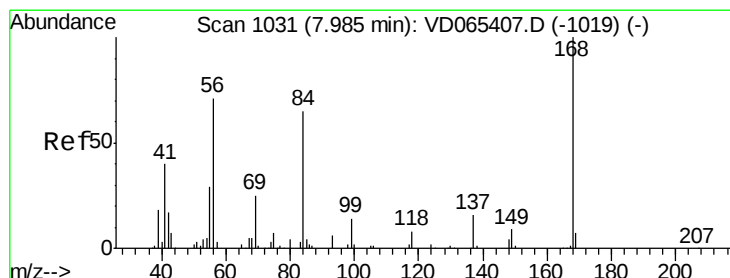
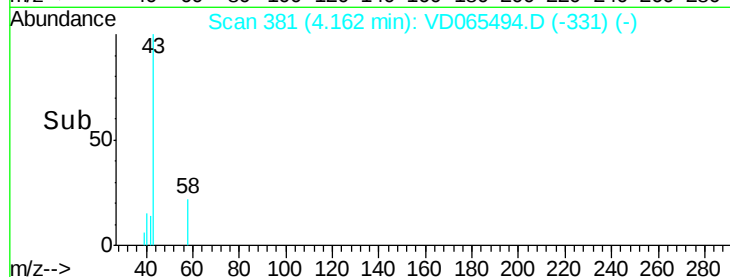
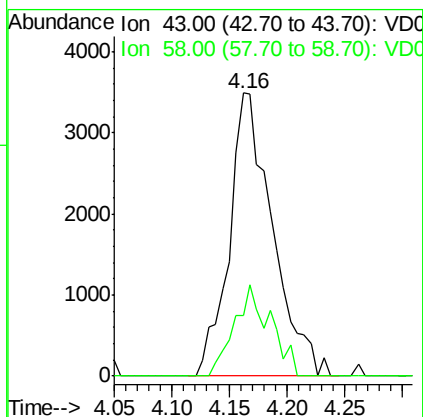
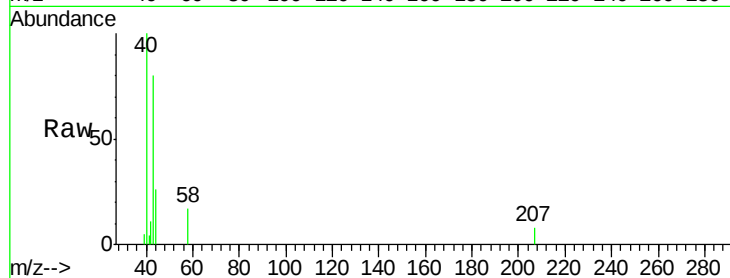
Z1-6A

Tgt Ion: 43 Resp: 9097

Ion Ratio Lower Upper

43 100

58 21.6 25.1 37.7#



#31

Cyclohexane

Concen: 1.15 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065494.D

Acq: 12 Mar 2020 20:13

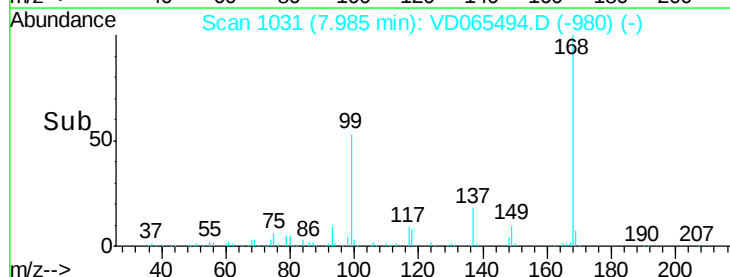
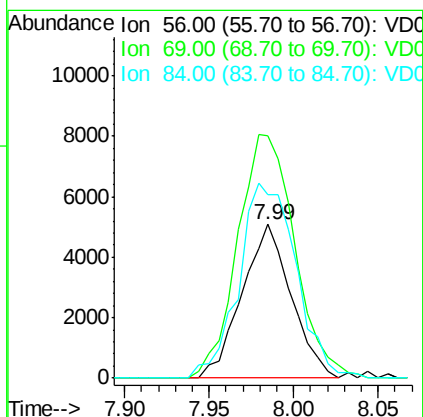
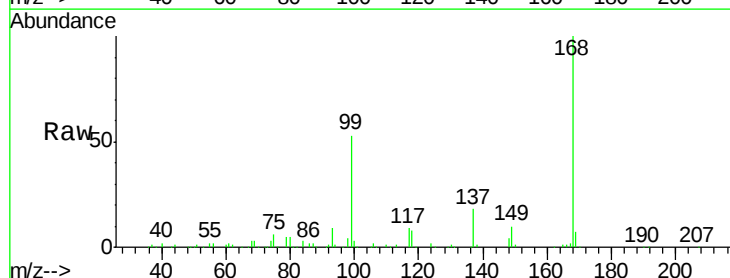
Tgt Ion: 56 Resp: 10285

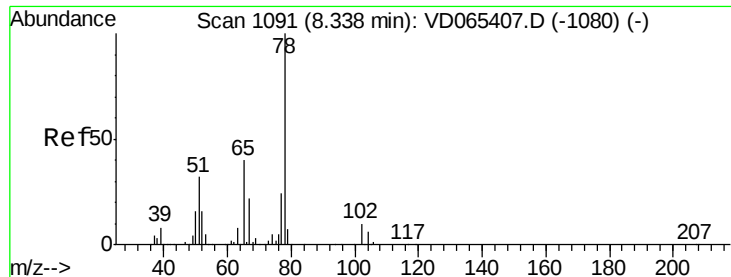
Ion Ratio Lower Upper

56 100

69 157.8 28.3 42.5#

84 119.2 73.1 109.7#

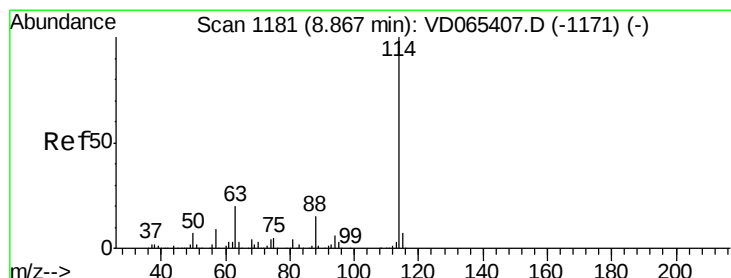
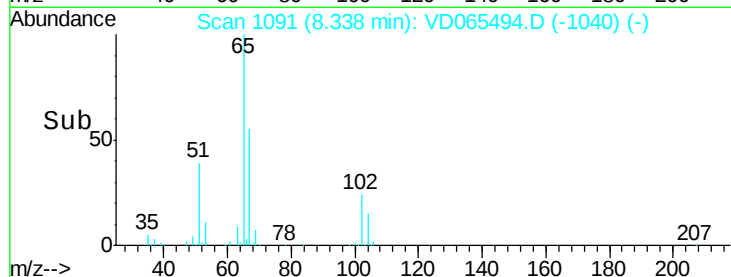
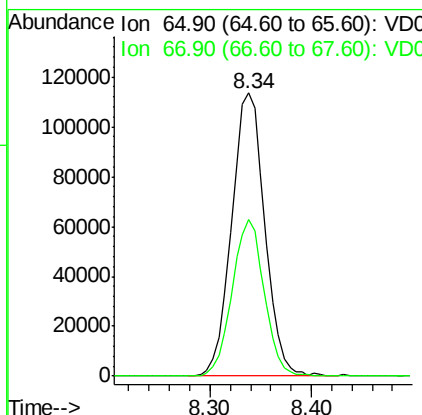
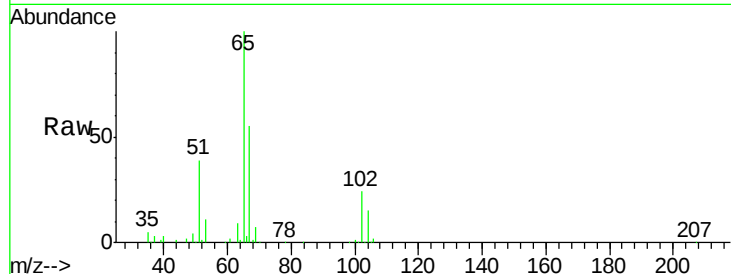




#33
 1,2-Dichloroethane-d4
 Concen: 56.91 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065494.D
 Acq: 12 Mar 2020 20:13

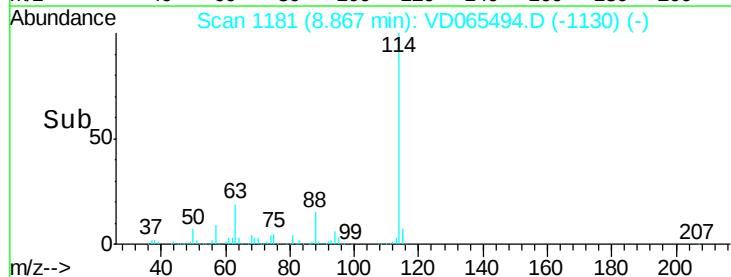
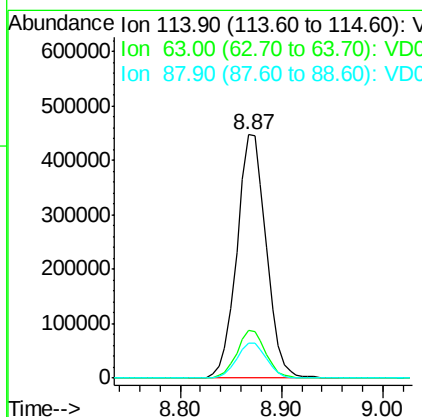
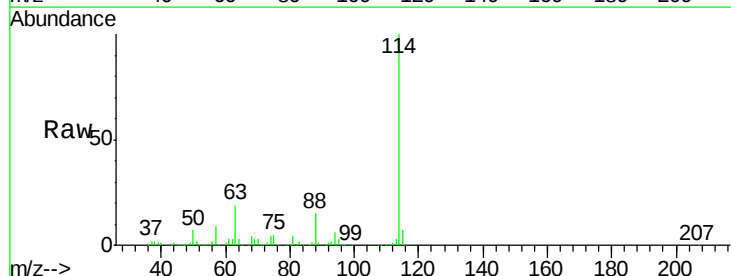
Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-6A

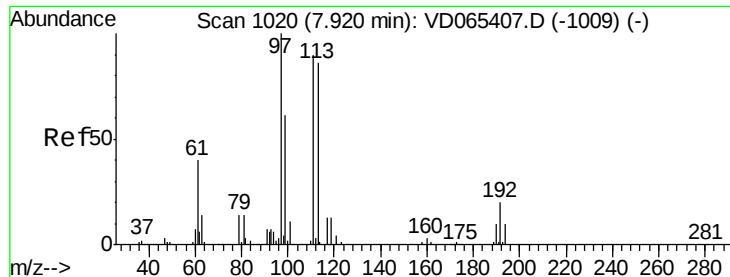
Tgt Ion: 65 Resp: 257232
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065494.D
 Acq: 12 Mar 2020 20:13

Tgt Ion: 114 Resp: 896819
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.6
 88 14.6 0.0 30.4

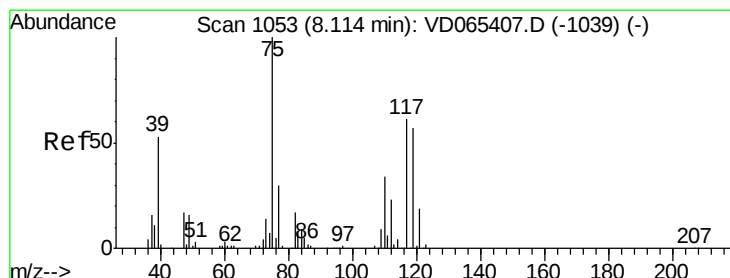
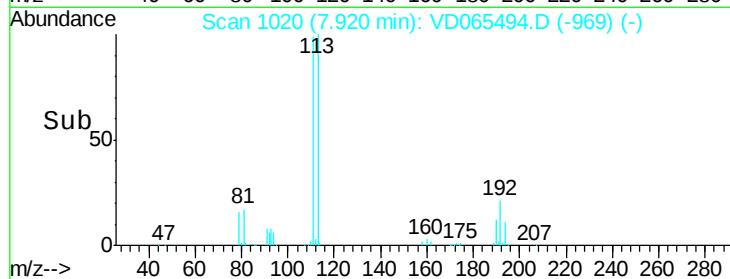
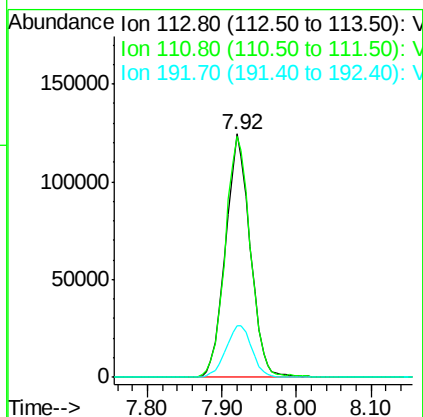
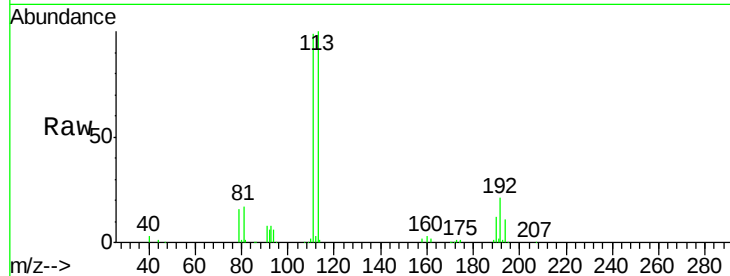




#35
 Dibromofluoromethane
 Concen: 51.75 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065494.D
 Acq: 12 Mar 2020 20:13

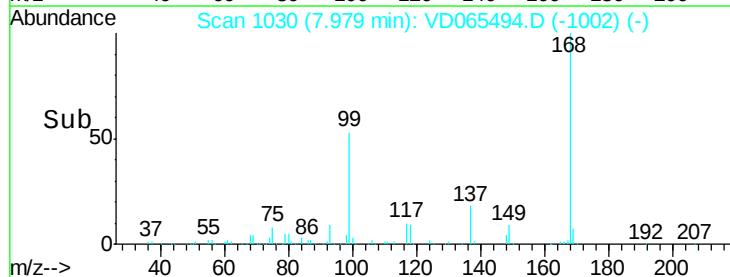
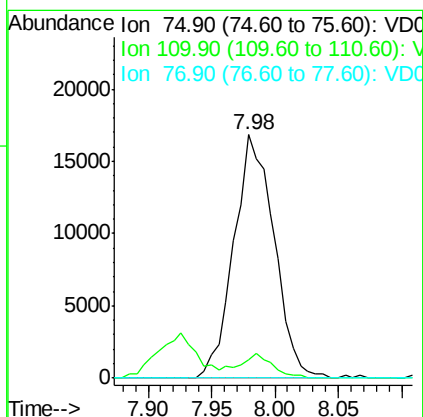
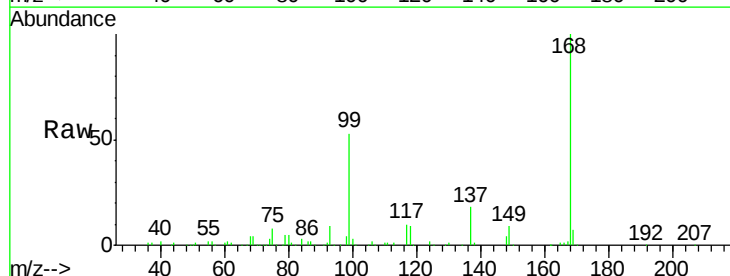
Instrument :
 MSVOA_D
 ClientSampleId :
 Z1-6A

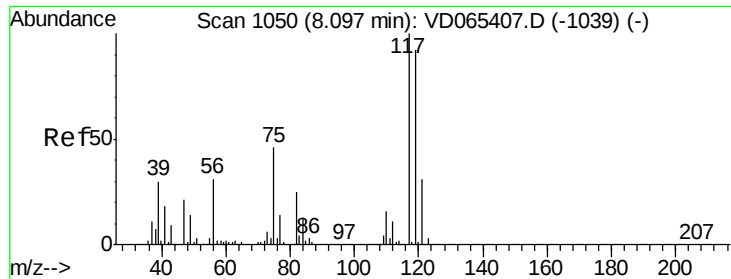
Tgt Ion:113 Resp: 287028
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.1 123.1
 192 22.3 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 4.32 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065494.D
 Acq: 12 Mar 2020 20:13

Tgt Ion: 75 Resp: 37102
 Ion Ratio Lower Upper
 75 100
 110 7.2 18.1 54.1#
 77 0.0 25.2 37.8#

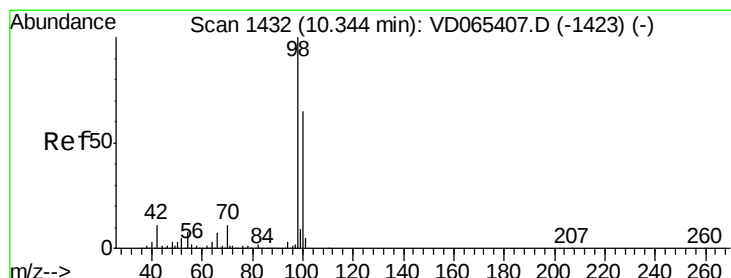
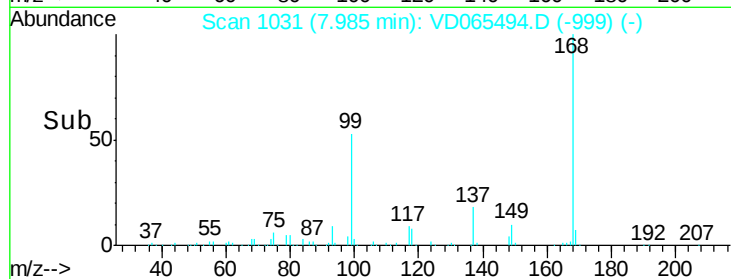
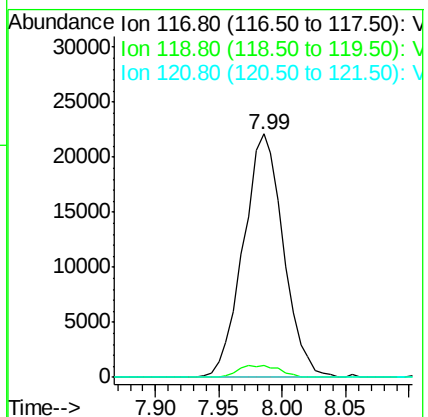
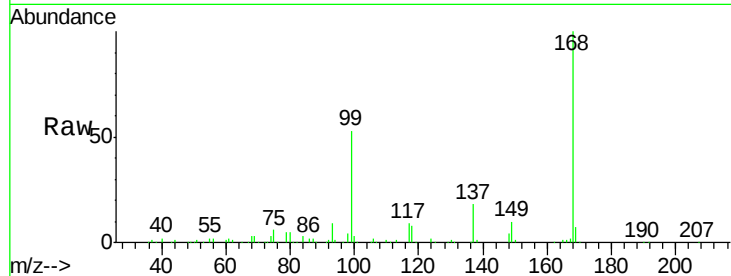




#38
Carbon Tetrachloride
Concen: 5.47 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065494.D
Acq: 12 Mar 2020 20:13

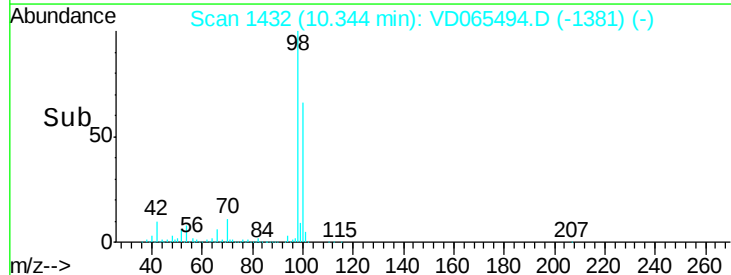
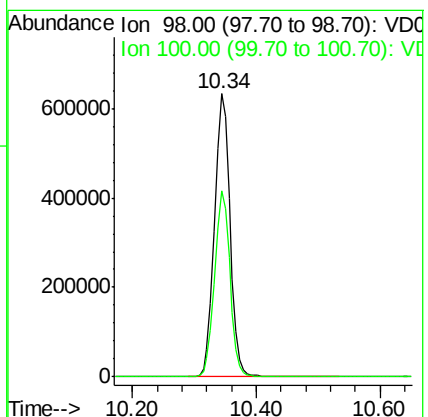
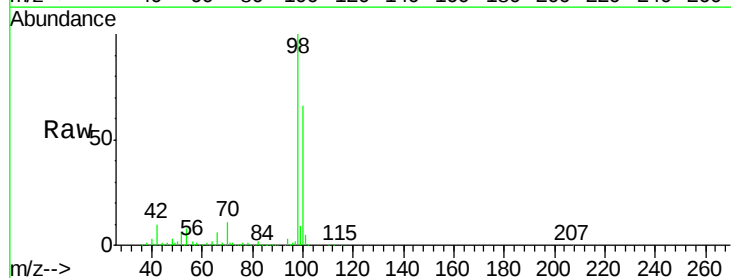
Instrument :
MSVOA_D
ClientSampleId :
Z1-6A

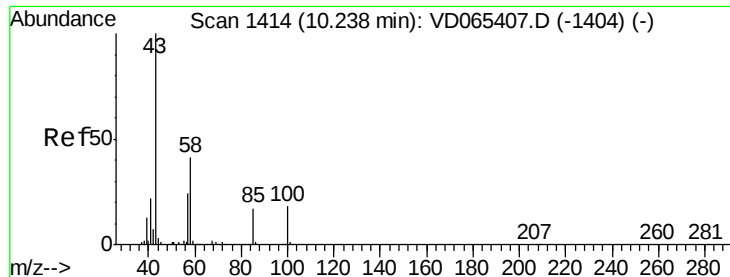
Tgt Ion:117 Resp: 48780
Ion Ratio Lower Upper
117 100
119 5.2 73.3 109.9#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.63 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065494.D
Acq: 12 Mar 2020 20:13

Tgt Ion: 98 Resp: 1098540
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 1.51 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.11 min

Lab File: VD065494.D

Acq: 12 Mar 2020 20:13

Instrument :

MSVOA_D

ClientSampled :

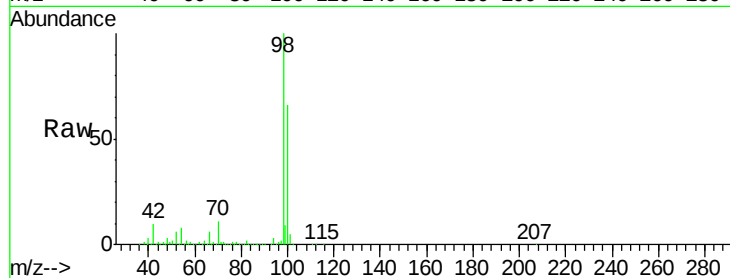
Z1-6A

Tgt Ion: 43 Resp: 4675

Ion Ratio Lower Upper

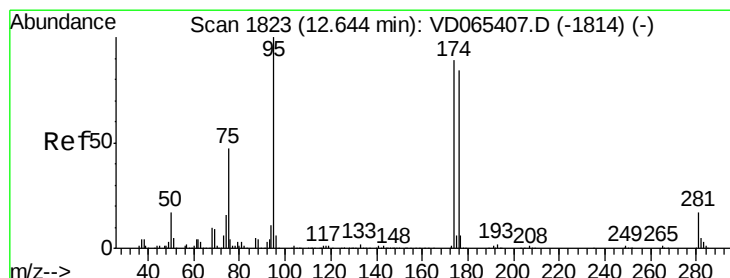
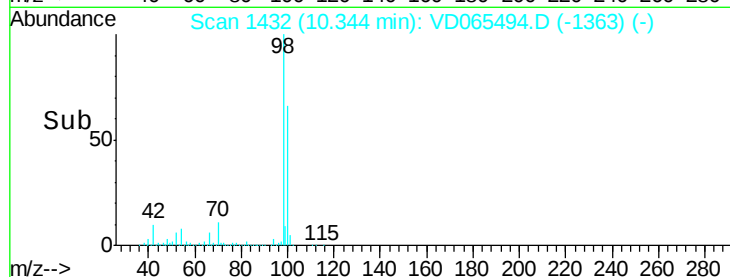
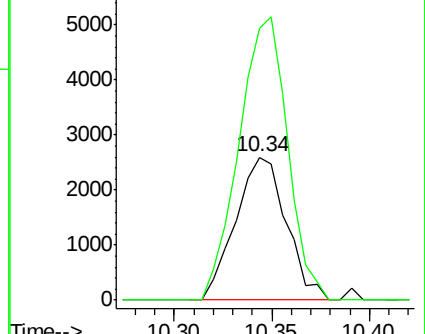
43 100

58 189.8 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 51.08 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065494.D

Acq: 12 Mar 2020 20:13

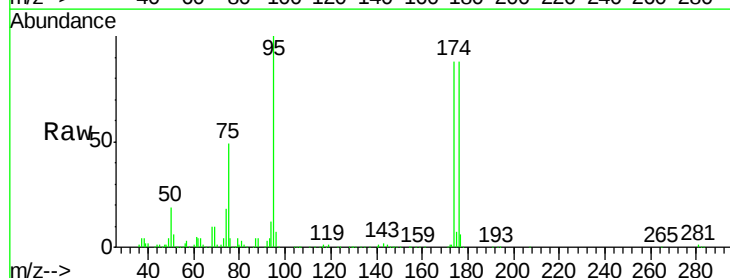
Tgt Ion: 95 Resp: 335534

Ion Ratio Lower Upper

95 100

174 91.4 0.0 176.8

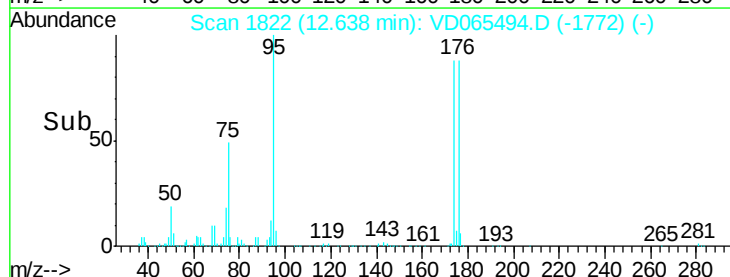
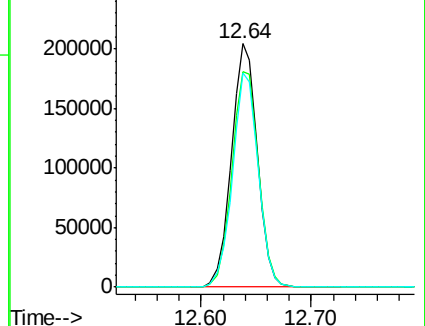
176 87.6 0.0 171.4

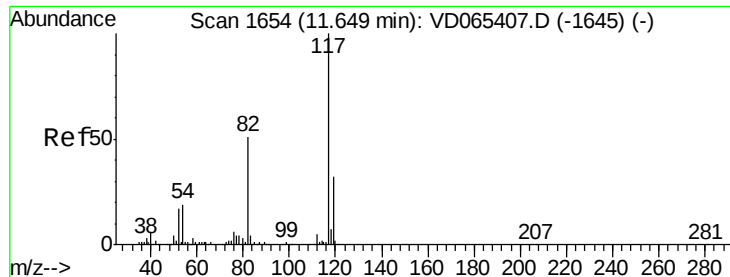


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

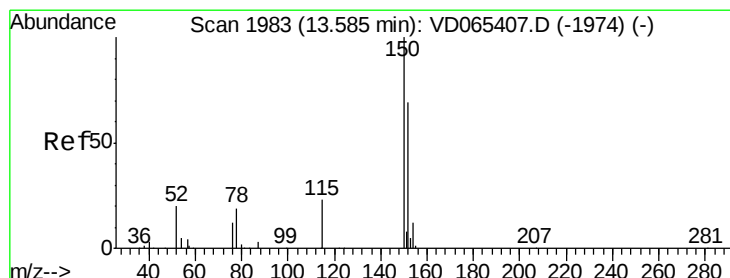
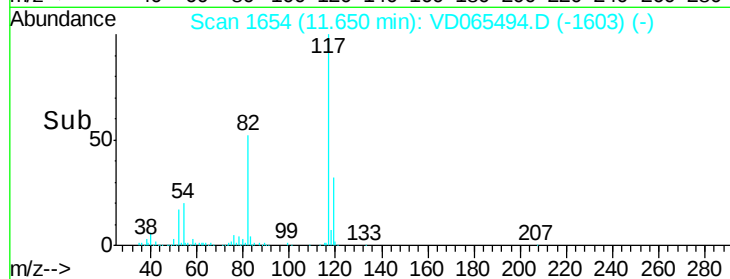
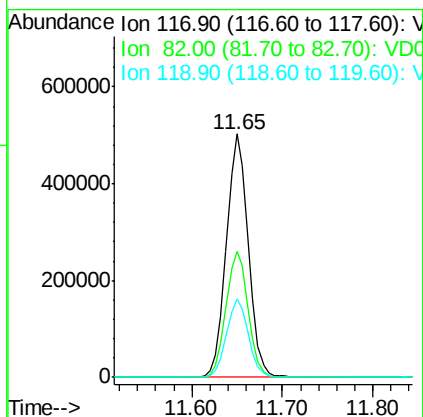
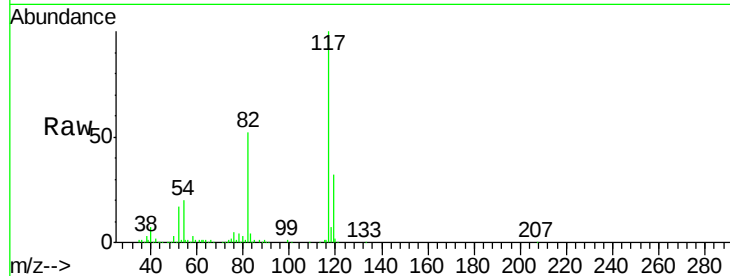




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065494.D
Acq: 12 Mar 2020 20:13

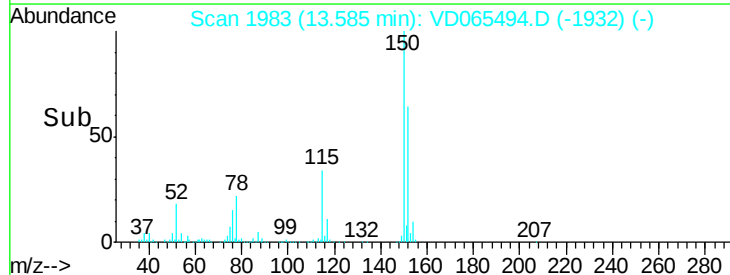
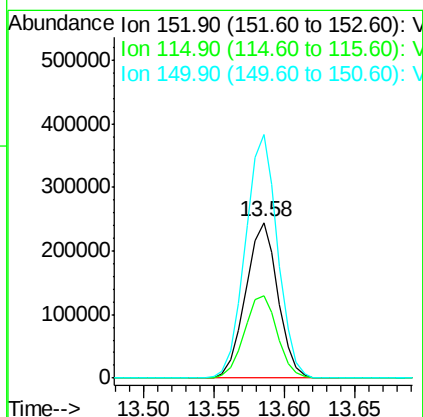
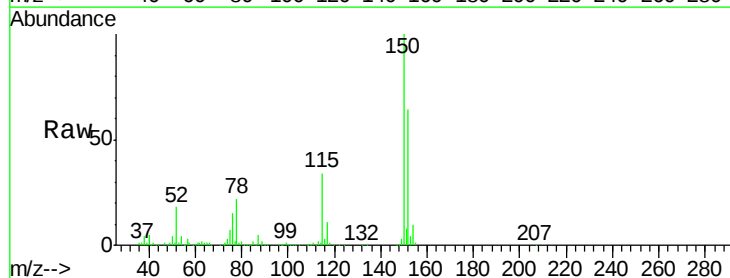
Instrument :
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Z1-6A

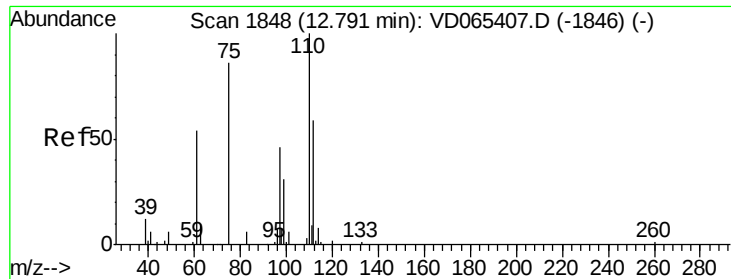
Tgt Ion:117 Resp: 842568
Ion Ratio Lower Upper
117 100
82 51.6 40.6 60.8
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065494.D
Acq: 12 Mar 2020 20:13

Tgt Ion:152 Resp: 390433
Ion Ratio Lower Upper
152 100
115 54.6 27.6 82.8
150 157.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 52.50 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065494.D

Acq: 12 Mar 2020 20:13

Instrument :

MSVOA_D

ClientSampled :

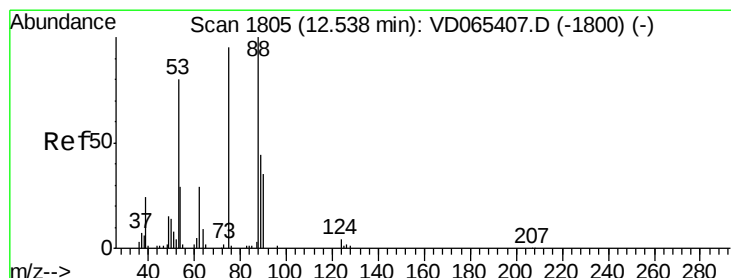
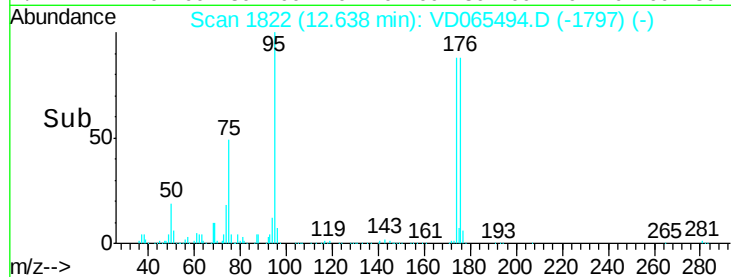
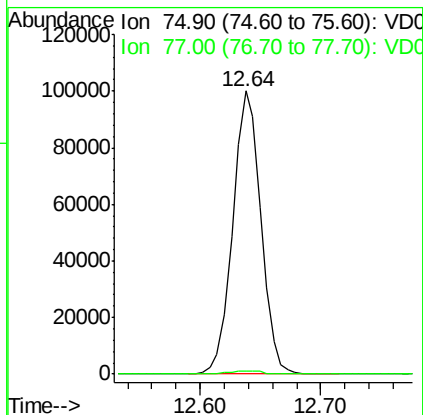
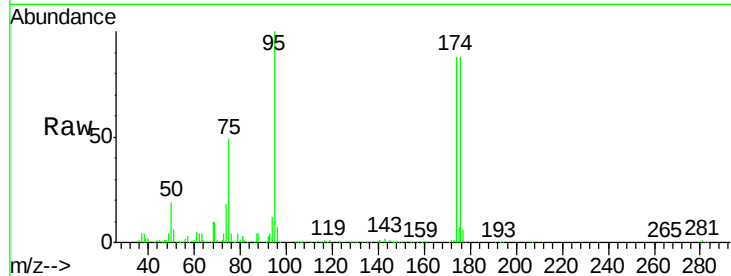
Z1-6A

Tgt Ion: 75 Resp: 161738

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.79 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065494.D

Acq: 12 Mar 2020 20:13

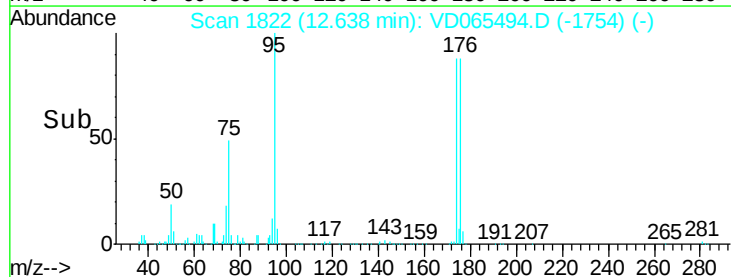
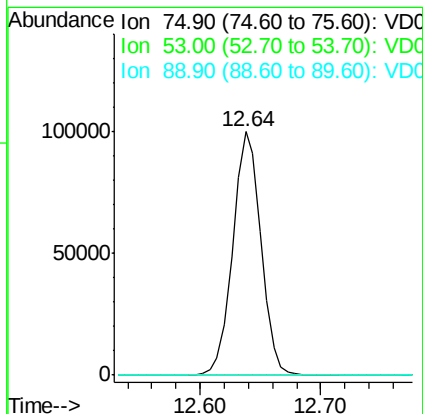
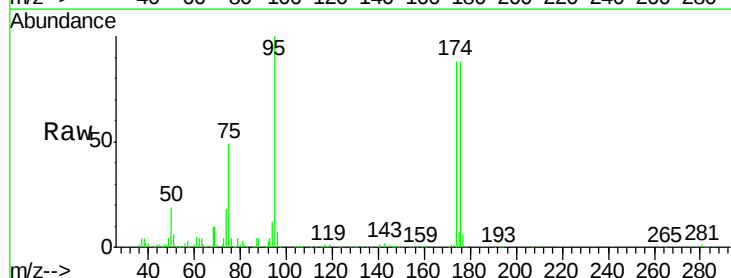
Tgt Ion: 75 Resp: 161738

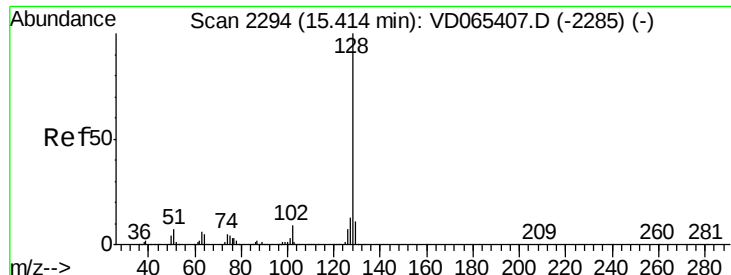
Ion Ratio Lower Upper

75 100

53 0.1 71.3 106.9#

89 0.0 37.0 55.6#





#95

Naphthalene

Concen: 4.44 ug/l

RT: 15.42 min Scan# 2295

Delta R.T. 0.01 min

Lab File: VD065494.D

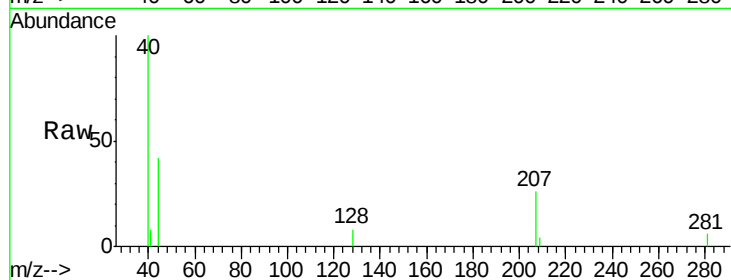
Acq: 12 Mar 2020 20:13

Instrument :

MSVOA_D

ClientSampleId :

Z1-6A



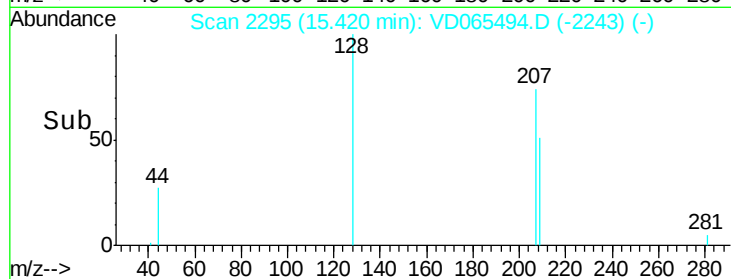
Tgt Ion:128 Resp: 479

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 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

