

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031120\NOT REVIEWED DATA\
 Data File : VD065480.D
 Acq On : 11 Mar 2020 14:32
 Operator : VA/SY
 Sample : L1873-05
 Misc : 6.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Mar 16 11:09:28 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	532555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	907755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	842723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	373618	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	273436	59.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.72%	
35) Dibromofluoromethane	7.92	113	295596	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	10.34	98	1108534	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.64	95	332752	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

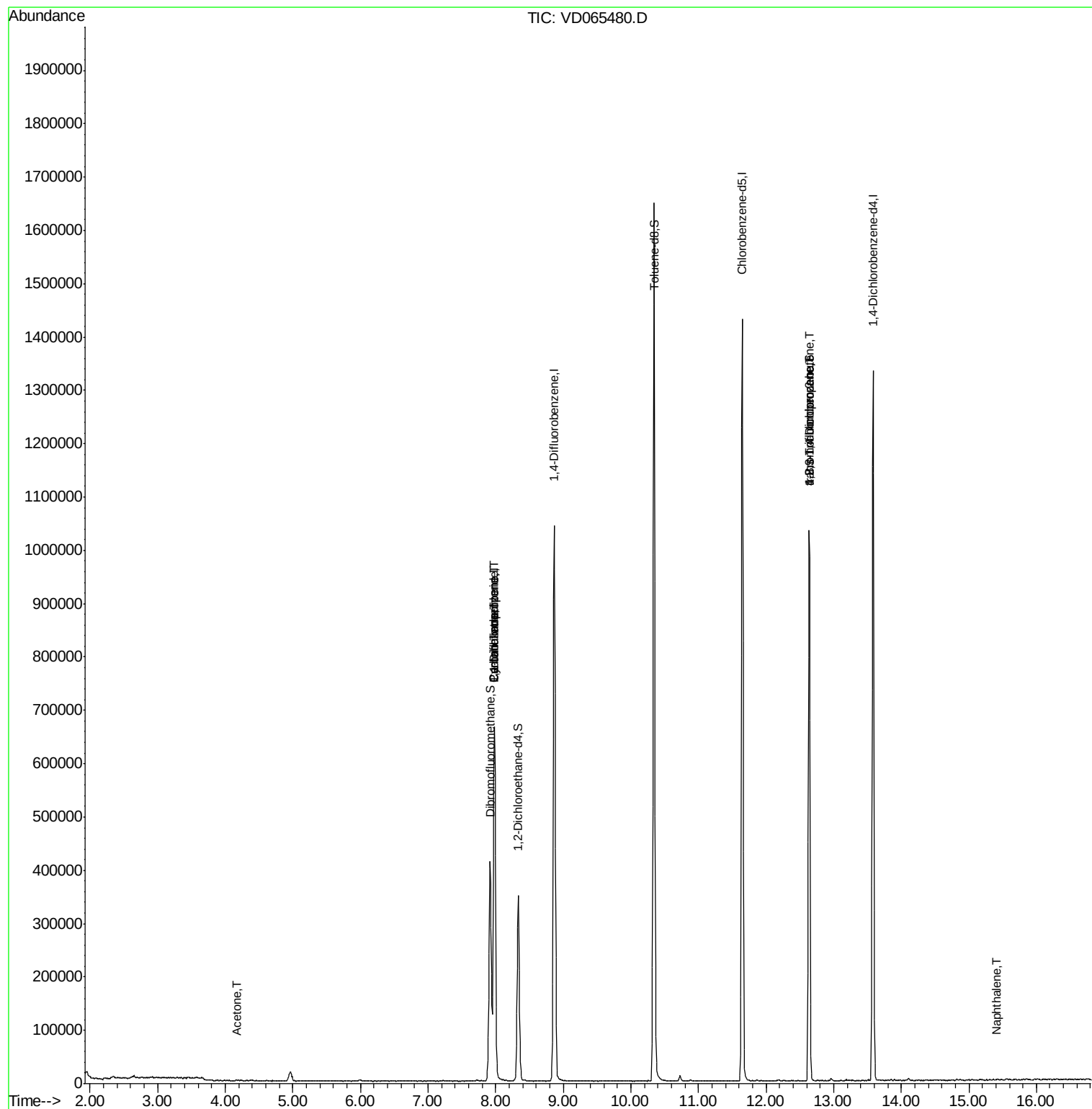
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.79	94	442	Below Cal	#	21
16) Acetone	4.16	43	3223	3.49	ug/l	95
20) Methylene Chloride	4.96	84	12980	Below Cal	#	92
31) Cyclohexane	7.98	56	10272	1.13	ug/l	# 1
36) 1,1-Dichloropropene	7.98	75	37448	4.30	ug/l	# 50
38) Carbon Tetrachloride	7.98	117	49590	5.50	ug/l	# 19
76) 1,2,3-Trichloropropane	12.64	75	160150	54.32	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	160150	114.64	ug/l	# 14
95) Naphthalene	15.41	128	1083	4.49	ug/l	# 78

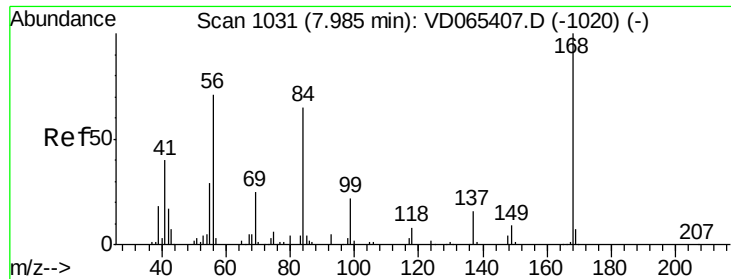
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065480.D

Acq: 11 Mar 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

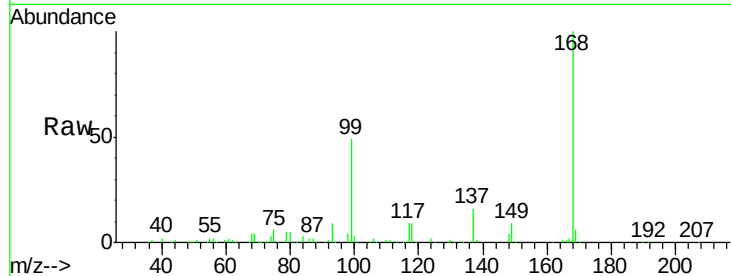
TP-3

Tgt Ion:168 Resp: 532555

Ion Ratio Lower Upper

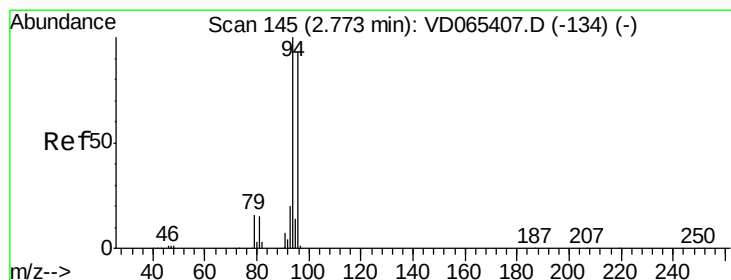
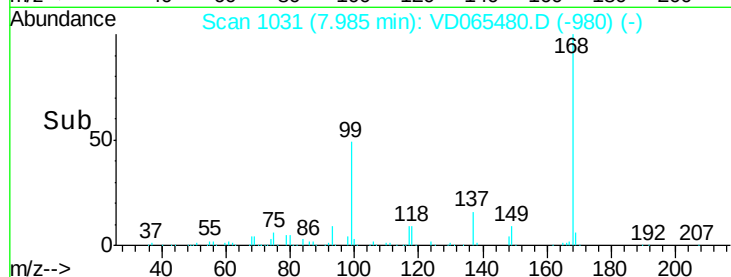
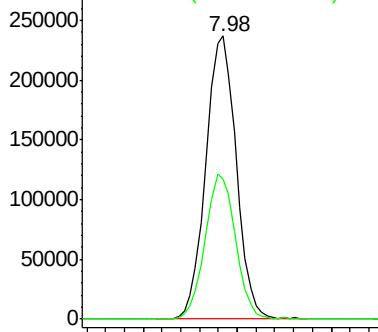
168 100

99 49.4 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: 2.79 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD065480.D

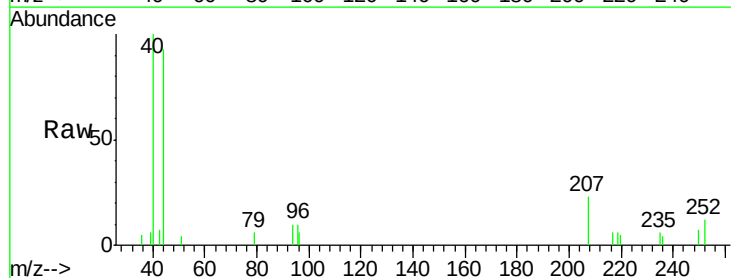
Acq: 11 Mar 2020 14:32

Tgt Ion: 94 Resp: 442

Ion Ratio Lower Upper

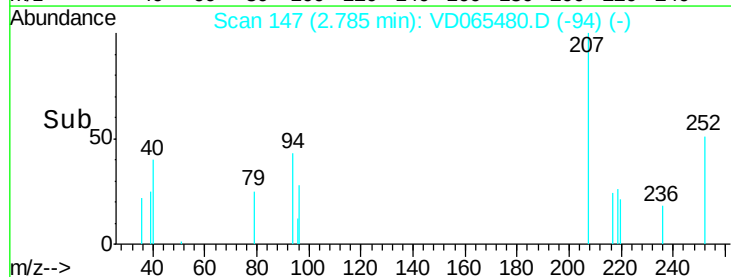
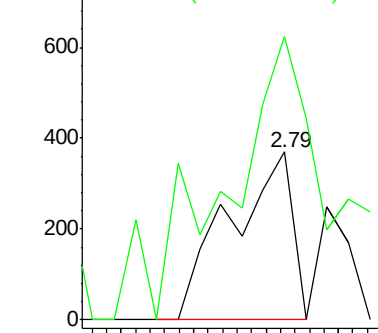
94 100

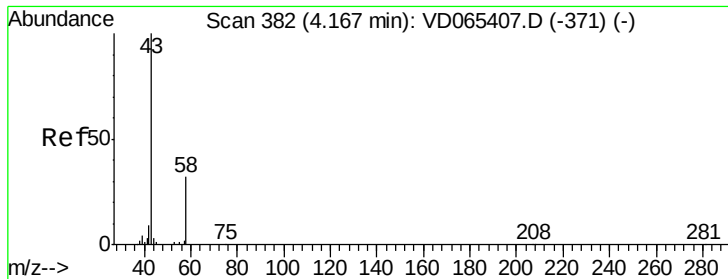
96 168.8 74.4 111.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 3.49 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065480.D

Acq: 11 Mar 2020 14:32

Instrument :

MSVOA_D

ClientSampled :

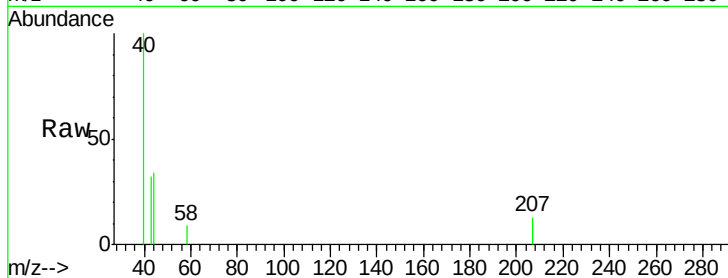
TP-3

Tgt Ion: 43 Resp: 3223

Ion Ratio Lower Upper

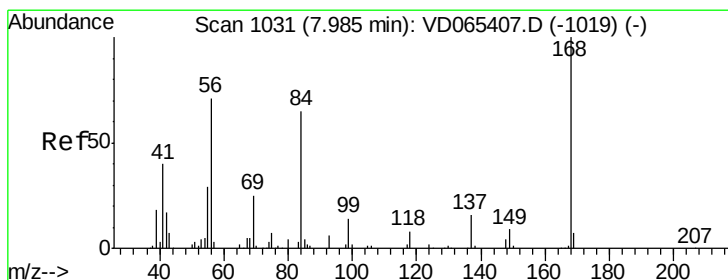
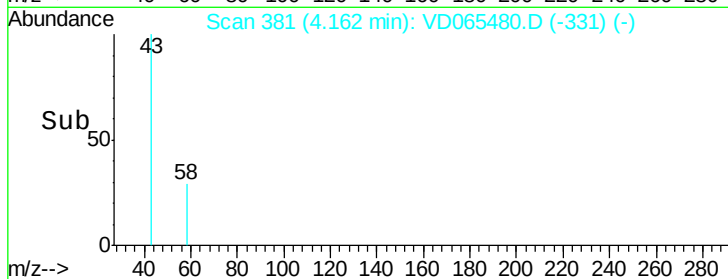
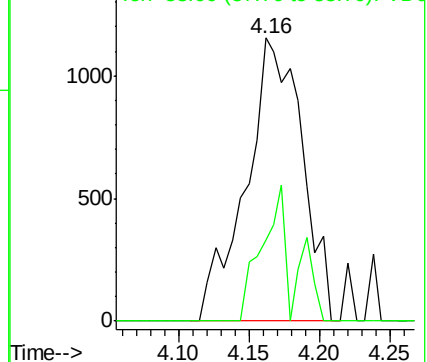
43 100

58 28.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.13 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065480.D

Acq: 11 Mar 2020 14:32

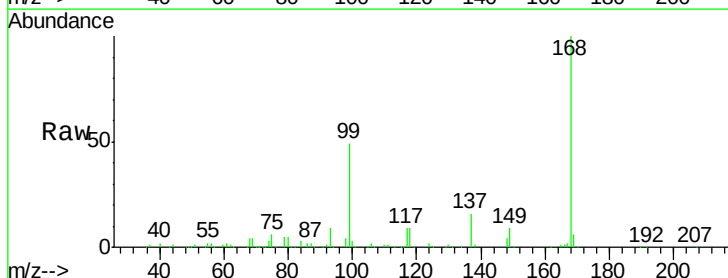
Tgt Ion: 56 Resp: 10272

Ion Ratio Lower Upper

56 100

69 188.6 28.3 42.5#

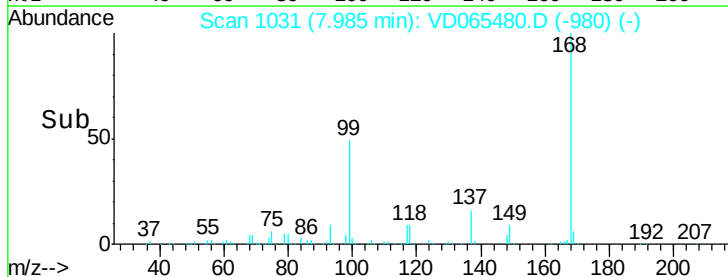
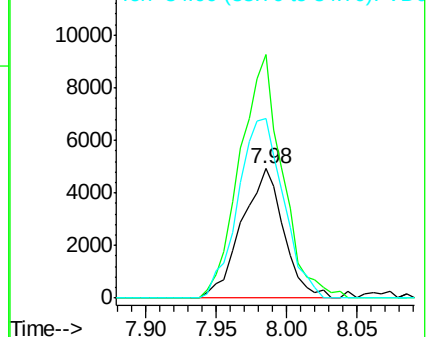
84 139.4 73.1 109.7#

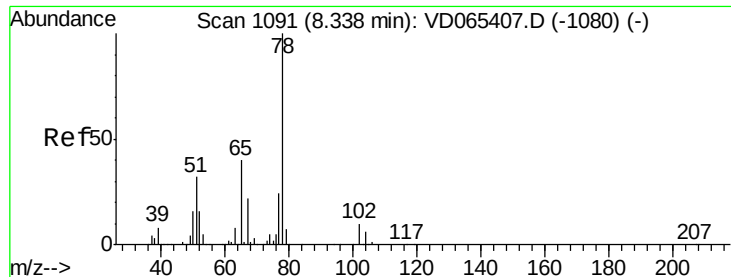


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC

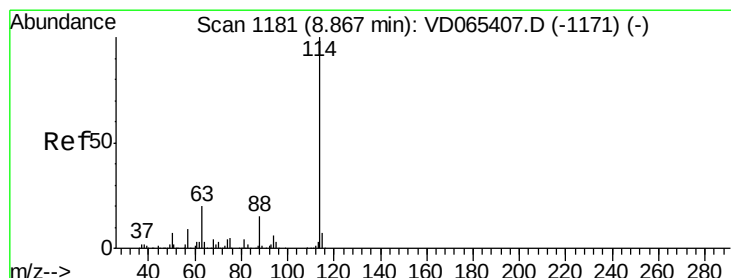
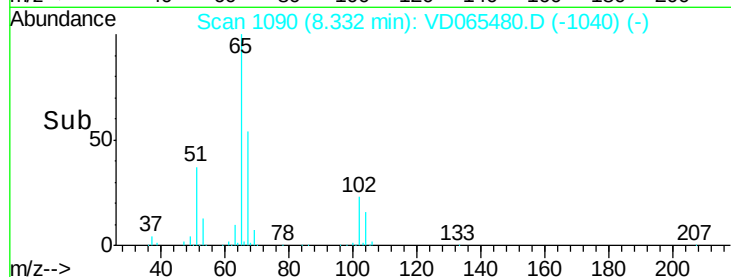
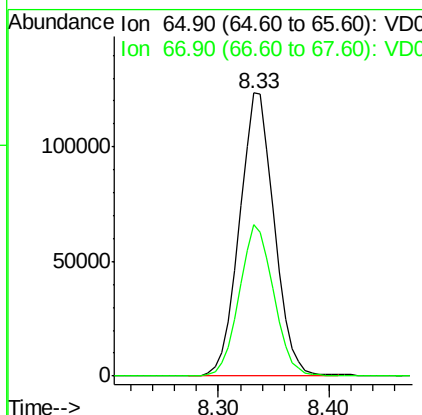
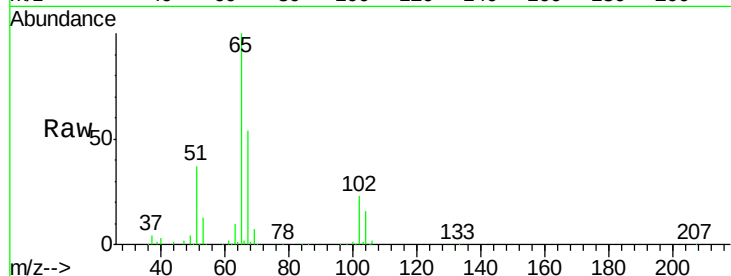




#33
 1,2-Dichloroethane-d4
 Concen: 59.86 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065480.D
 Acq: 11 Mar 2020 14:32

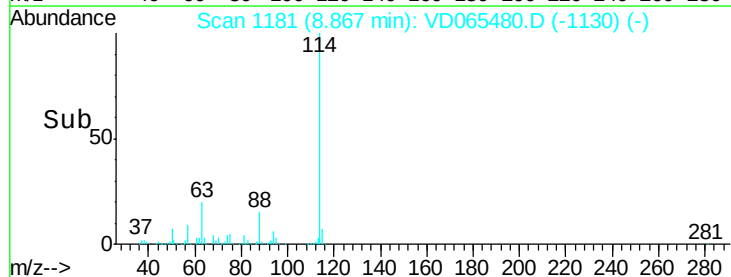
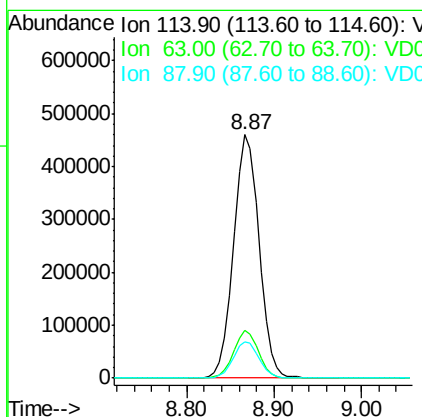
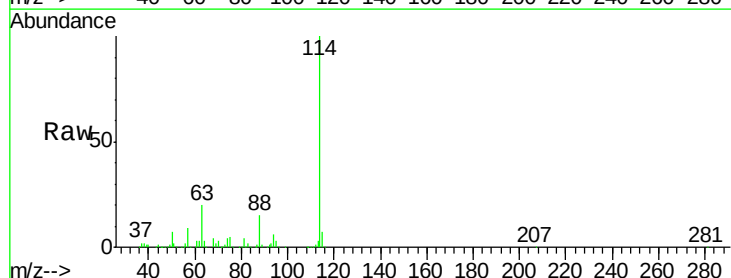
Instrument :
 MSVOA_D
 ClientSampled :
 TP-3

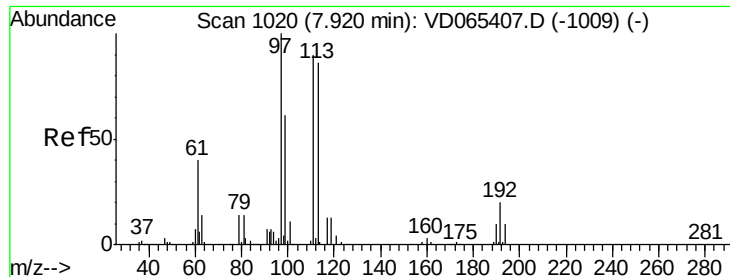
Tgt Ion: 65 Resp: 273436
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065480.D
 Acq: 11 Mar 2020 14:32

Tgt Ion: 114 Resp: 907755
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.6
 88 15.0 0.0 30.4

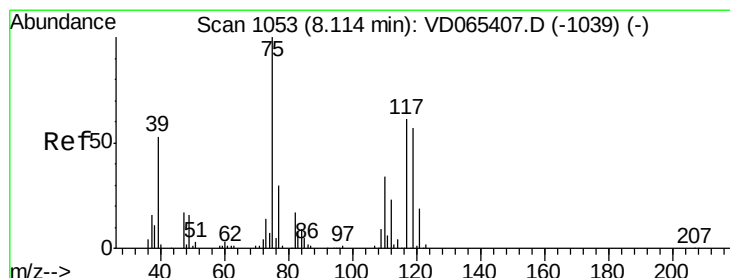
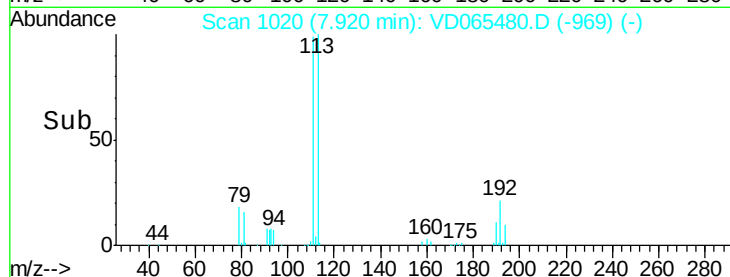
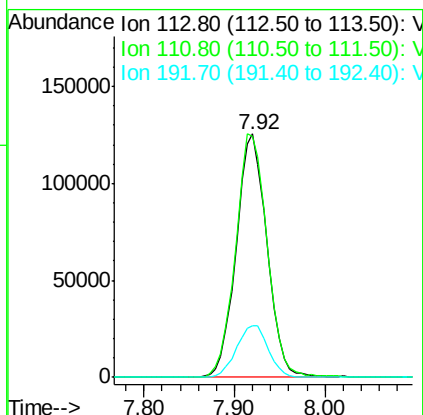
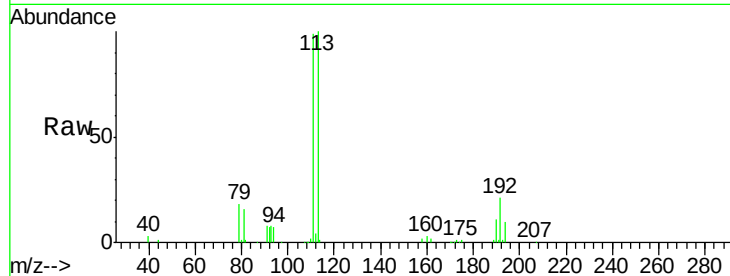




#35
 Dibromofluoromethane
 Concen: 52.66 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065480.D
 Acq: 11 Mar 2020 14:32

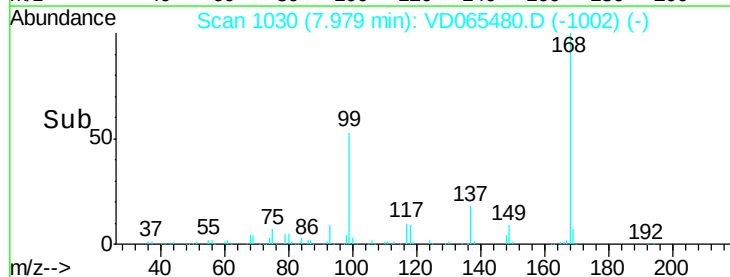
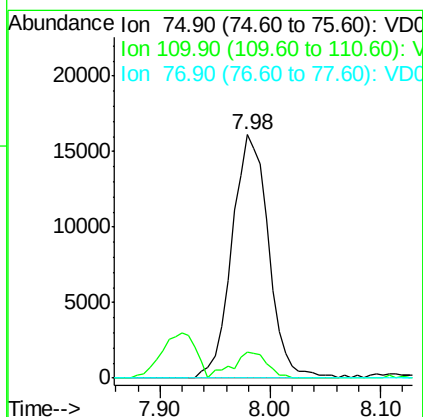
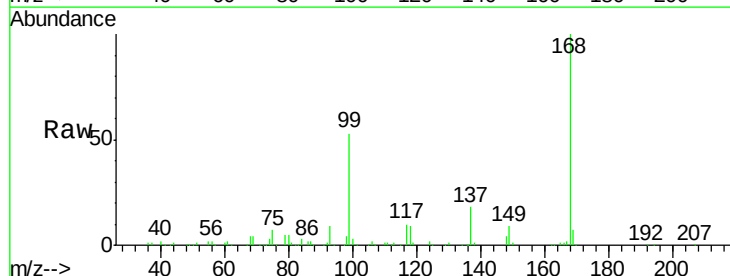
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

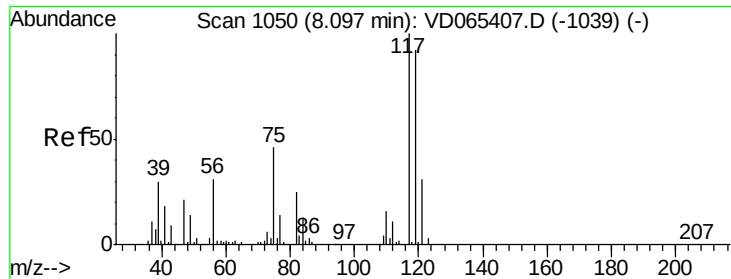
Tgt Ion: 113 Resp: 295596
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.1 123.1
 192 22.0 17.2 25.8



#36
 1,1-Dichloropropene
 Concen: 4.30 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065480.D
 Acq: 11 Mar 2020 14:32

Tgt Ion: 75 Resp: 37448
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.1 54.1#
 77 0.0 25.2 37.8#

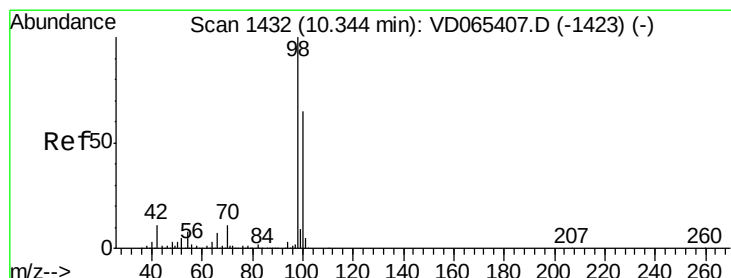
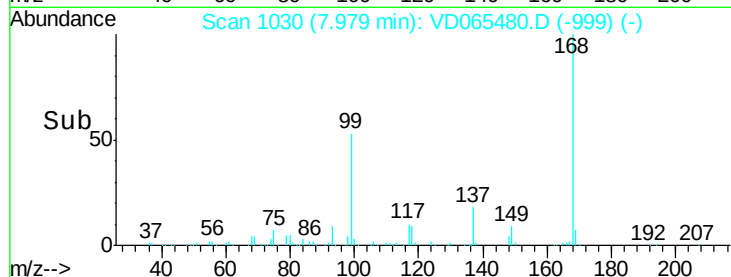
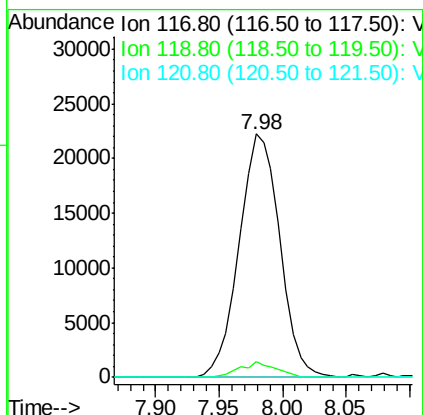
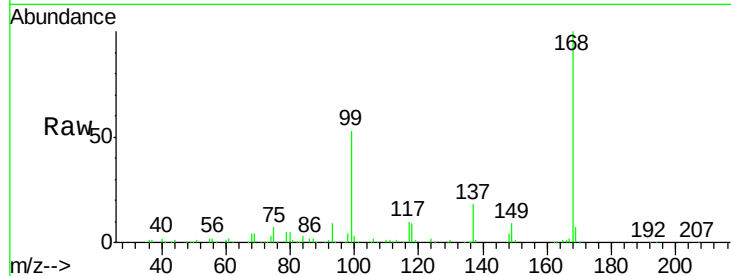




#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VD065480.D
Acq: 11 Mar 2020 14:32

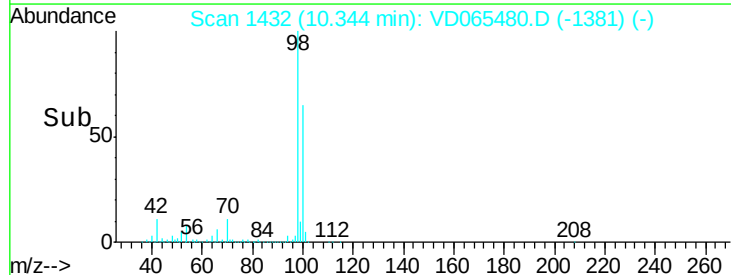
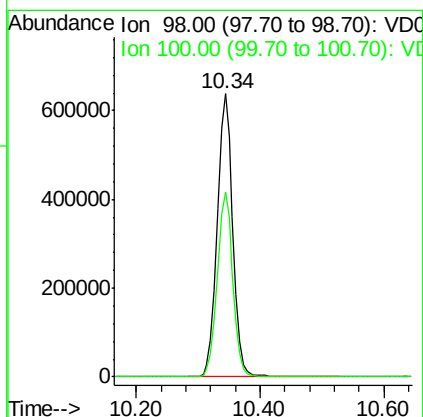
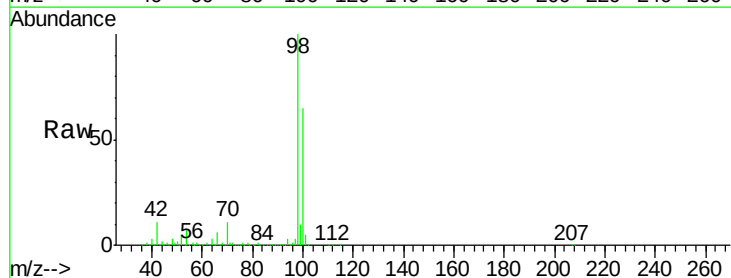
Instrument :
MSVOA_D
ClientSampleId :
TP-3

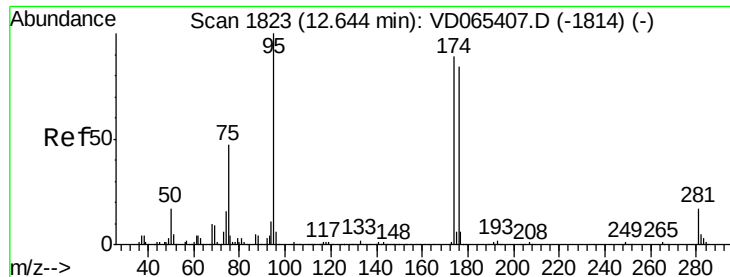
Tgt Ion:117 Resp: 49590
Ion Ratio Lower Upper
117 100
119 6.4 73.3 109.9#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.47 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065480.D
Acq: 11 Mar 2020 14:32

Tgt Ion: 98 Resp: 1108534
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 50.05 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065480.D

Acq: 11 Mar 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

TP-3

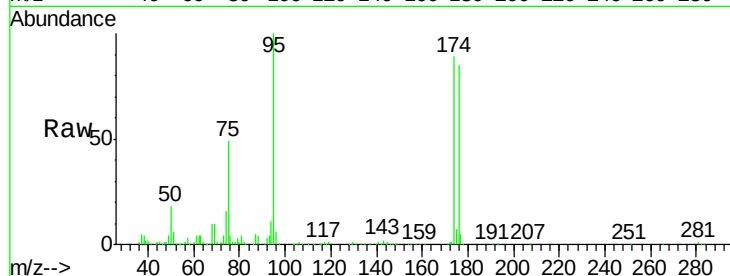
Tgt Ion: 95 Resp: 332752

Ion Ratio Lower Upper

95 100

174 91.8 0.0 176.8

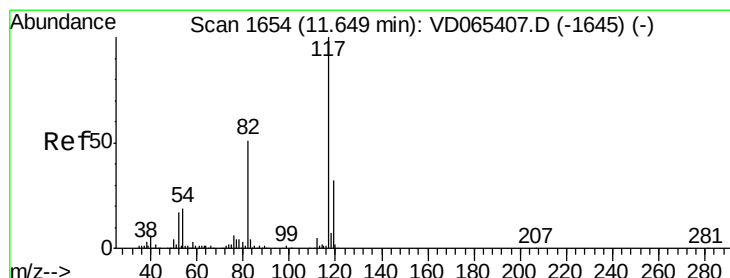
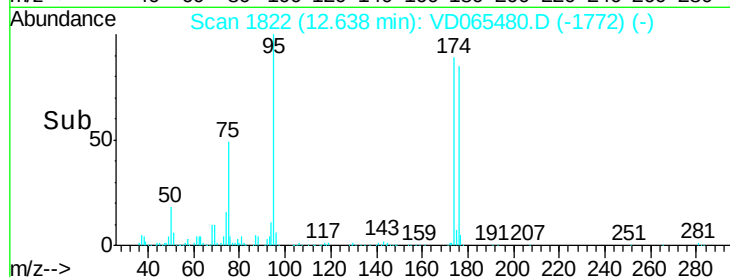
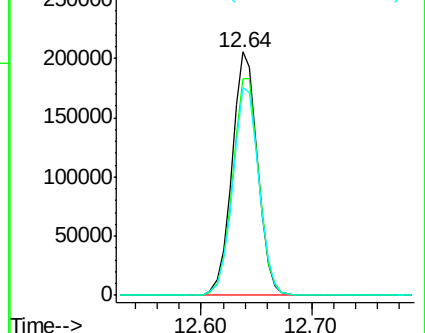
176 87.6 0.0 171.4



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD065480.D

Acq: 11 Mar 2020 14:32

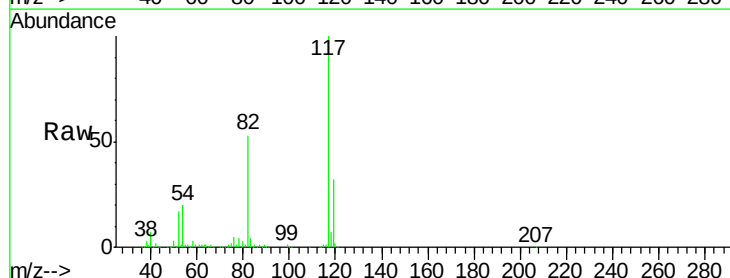
Tgt Ion: 117 Resp: 842723

Ion Ratio Lower Upper

117 100

82 53.3 40.6 60.8

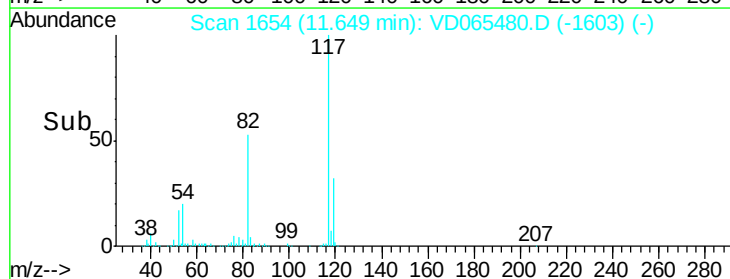
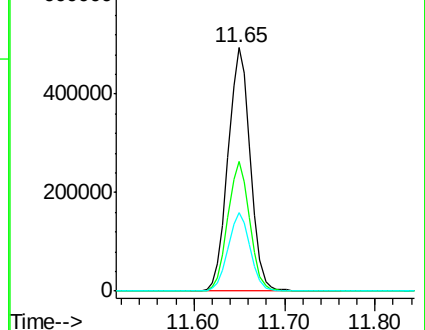
119 32.2 25.4 38.2

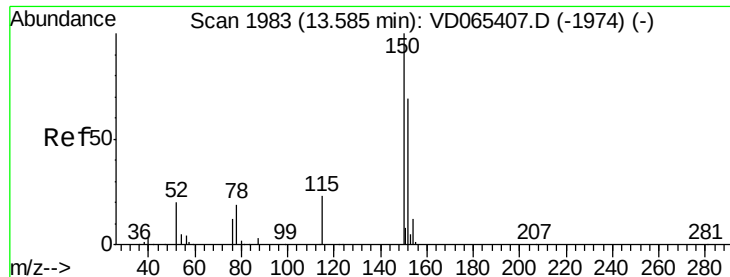


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



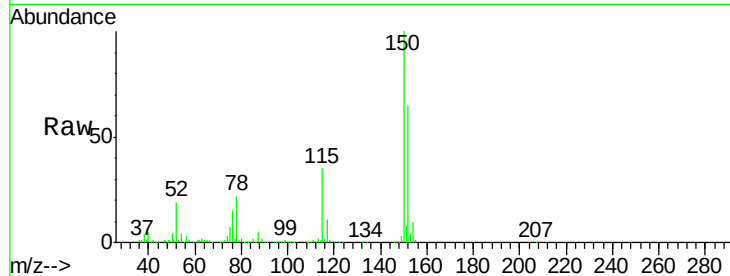


#72

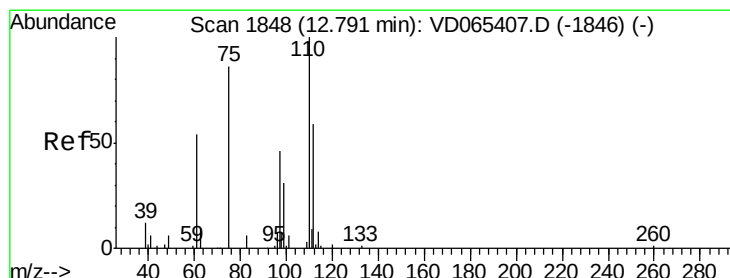
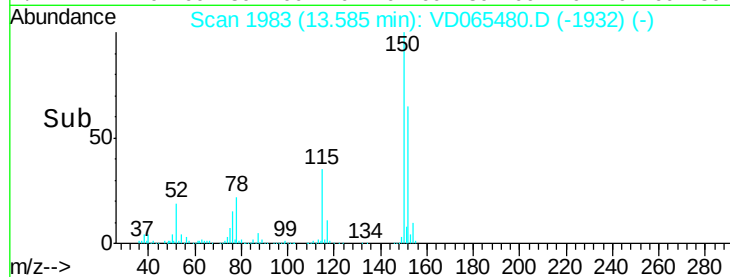
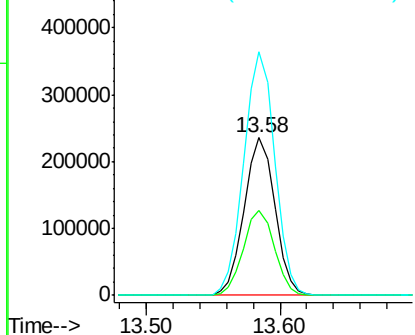
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065480.D
Acq: 11 Mar 2020 14:32

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 373618
Ion Ratio Lower Upper
152 100
115 54.9 27.6 82.8
150 155.9 0.0 345.0



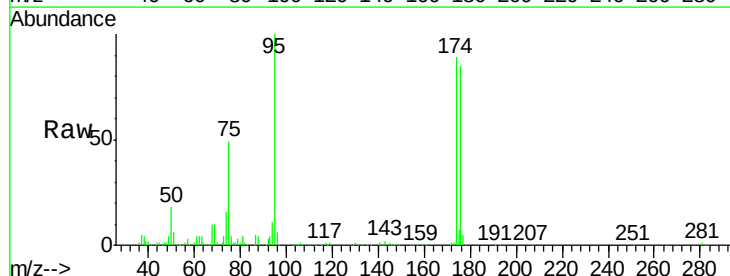
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



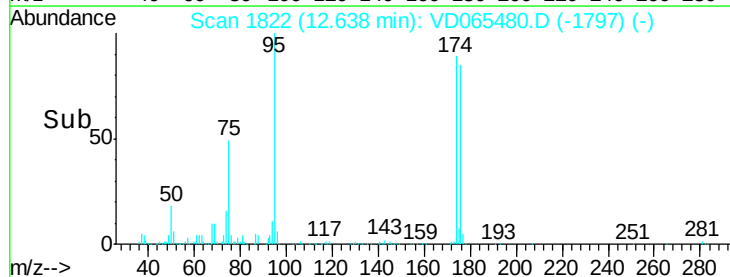
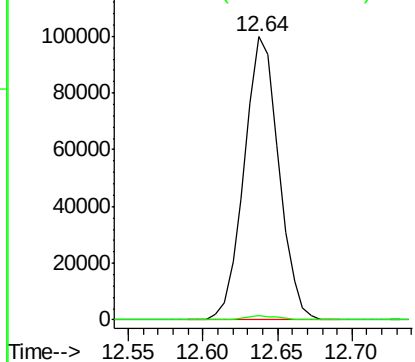
#76

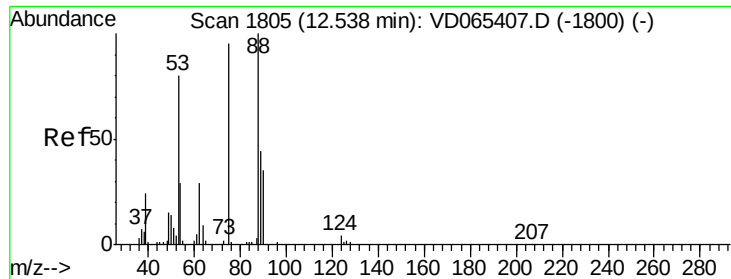
1,2,3-Trichloropropane
Concen: 54.32 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD065480.D
Acq: 11 Mar 2020 14:32

Tgt Ion: 75 Resp: 160150
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: 114.64 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.10 min

Lab File: VD065480.D

Acq: 11 Mar 2020 14:32

Instrument :

MSVOA_D

ClientSampleId :

TP-3

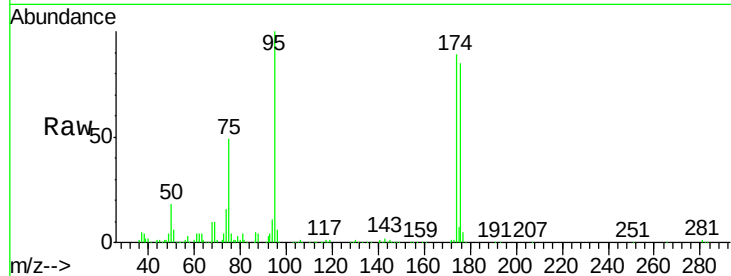
Tgt Ion: 75 Resp: 160150

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

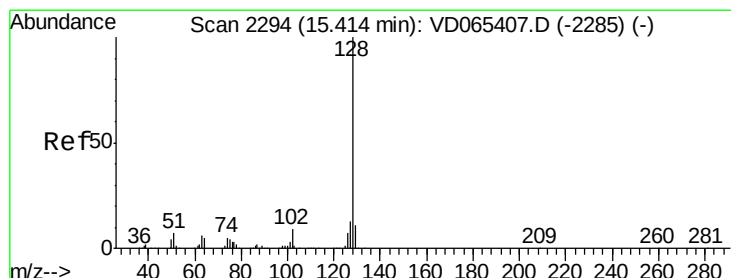
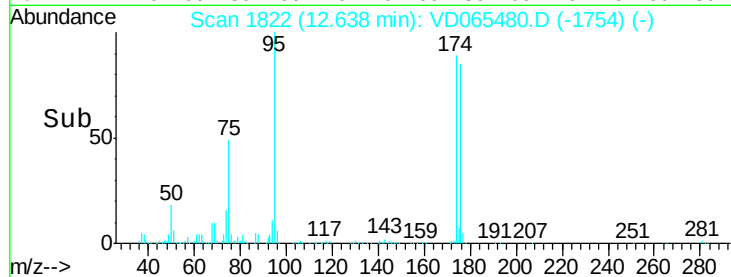
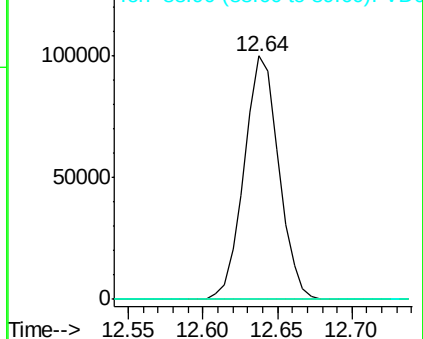
89 0.0 37.0 55.6#



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



#95

Naphthalene

Concen: 4.49 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065480.D

Acq: 11 Mar 2020 14:32

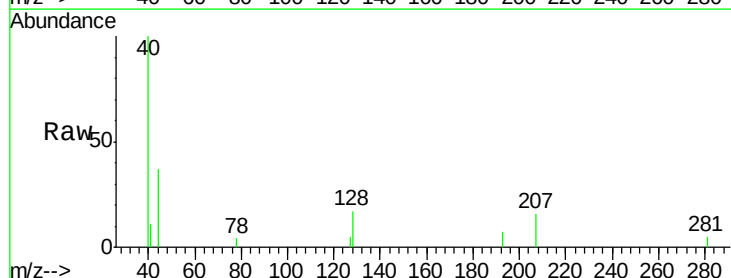
Tgt Ion: 128 Resp: 1083

Ion Ratio Lower Upper

128 100

127 6.7 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

