

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057038.D
 Acq On : 1 Aug 2019 15:34
 Operator : JC/SP
 Sample : K4097-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB203-GW-538-540

Quant Time: Aug 02 05:14:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	553022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	807523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	650947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171518	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	315227	55.68	ug/l	0.00
Spiked Amount			Recovery	=	111.36%	
35) Dibromofluoromethane	7.58	113	285114	55.15	ug/l	0.00
Spiked Amount			Recovery	=	110.30%	
50) Toluene-d8	10.08	98	1072170	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
62) 4-Bromofluorobenzene	12.40	95	273887	42.68	ug/l	0.00
Spiked Amount			Recovery	=	85.36%	

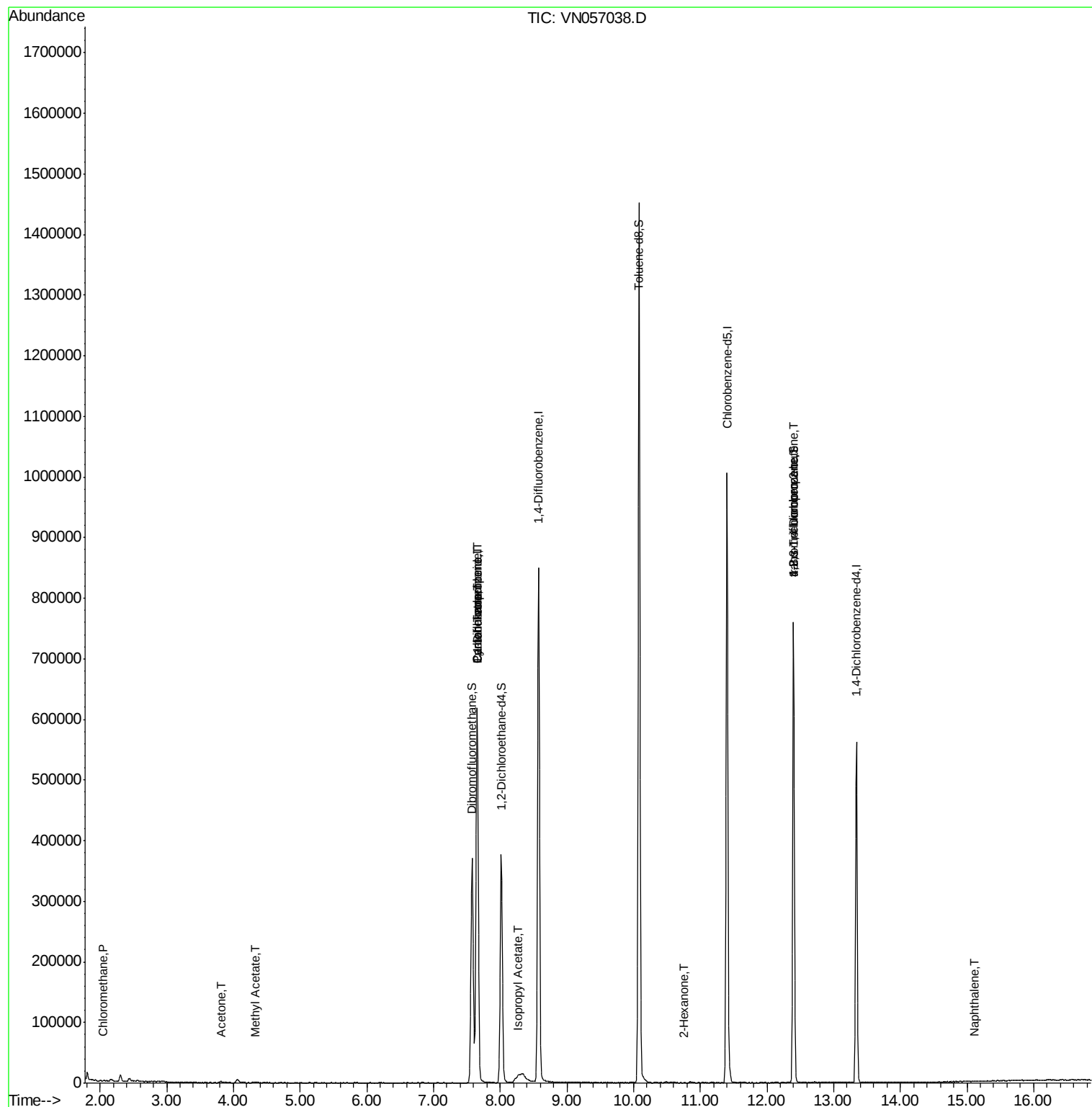
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	1393	0.208	ug/l	99
16) Acetone	3.81	43	4258	2.076	ug/l	93
18) Methyl Acetate	4.32	43	2159	0.330	ug/l #	66
31) Cyclohexane	7.66	56	8127	0.874	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	32283	4.543	ug/l #	48
38) Carbon Tetrachloride	7.65	117	47269	7.033	ug/l #	17
43) Isopropyl Acetate	8.27	43	12812	1.362	ug/l #	52
59) 2-Hexanone	10.75	43	99	2.523	ug/l #	23
76) 1,2,3-Trichloropropane	12.40	75	126807	36.405	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	126807	116.968	ug/l #	15
95) Naphthalene	15.12	128	99	3.600	ug/l #	70

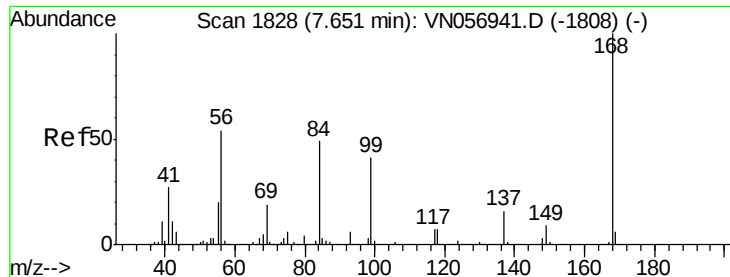
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

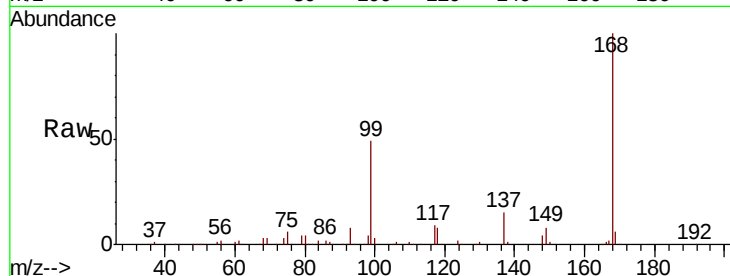
BP-VPB203-GW-538-540

Tot Ion:168 Resp: 553022

Ion Ratio Lower Upper

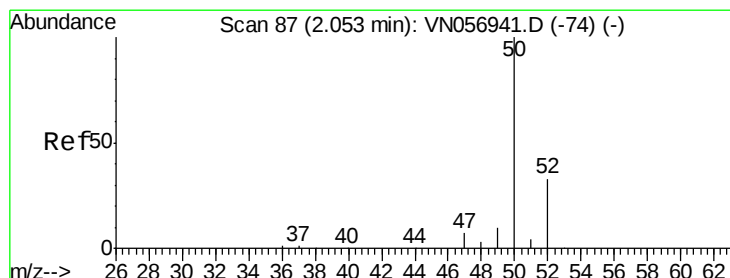
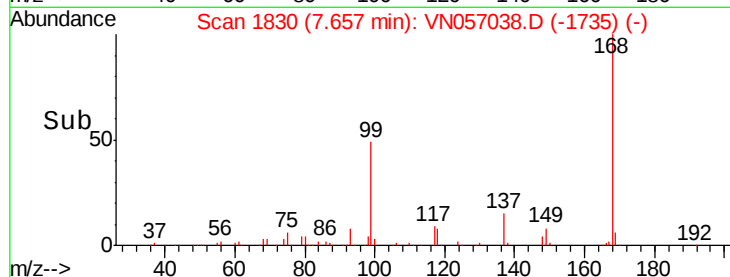
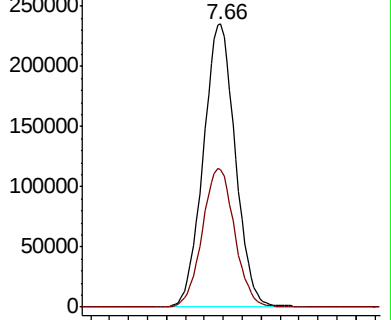
168 100

99 48.7 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.208 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN057038.D

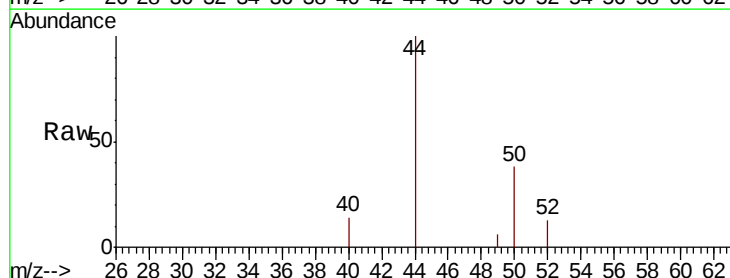
Acq: 1 Aug 2019 15:34

Tgt Ion: 50 Resp: 1393

Ion Ratio Lower Upper

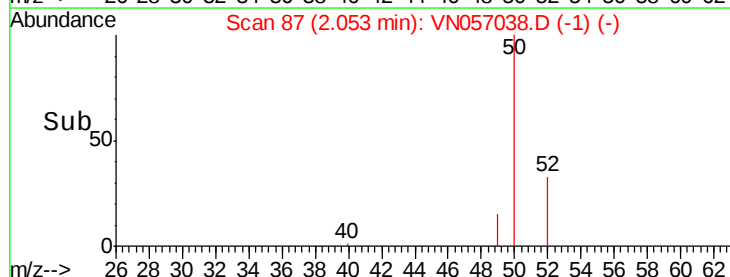
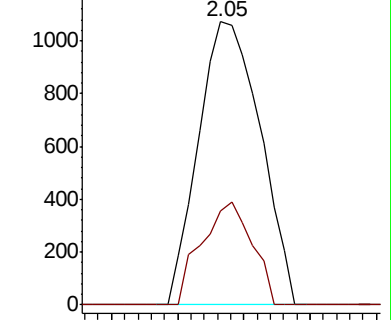
50 100

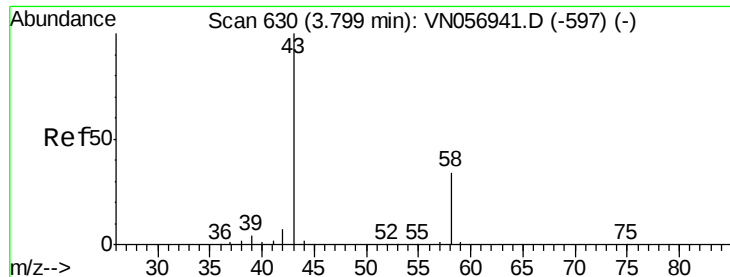
52 33.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#16

Acetone

Concen: 2.076 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.02 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

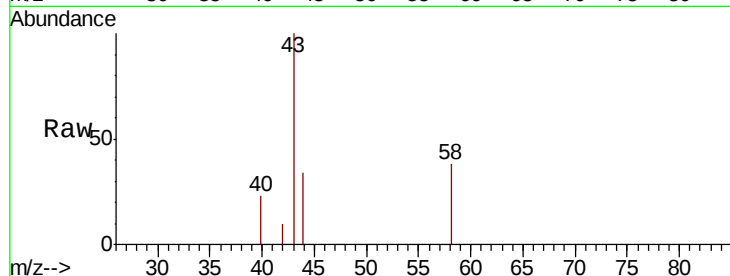
BP-VPB203-GW-538-540

Tot Ion: 43 Resp: 4258

Ion Ratio Lower Upper

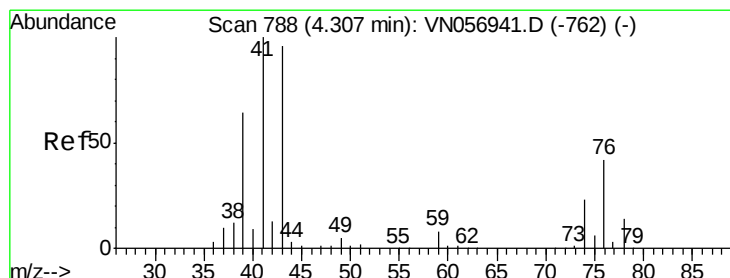
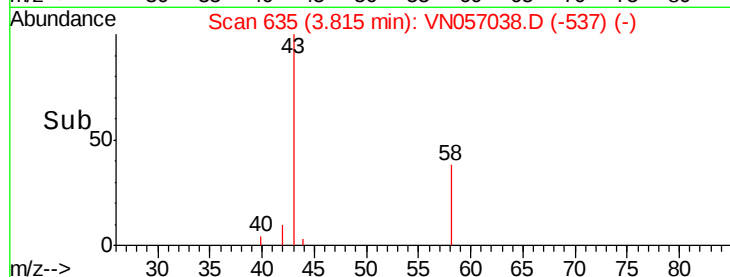
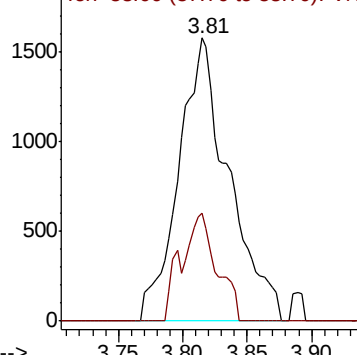
43 100

58 38.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.330 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN057038.D

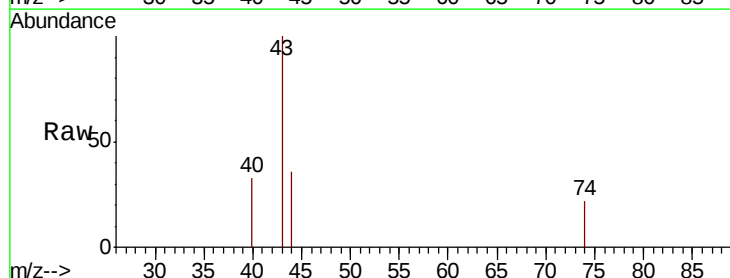
Acq: 1 Aug 2019 15:34

Tgt Ion: 43 Resp: 2159

Ion Ratio Lower Upper

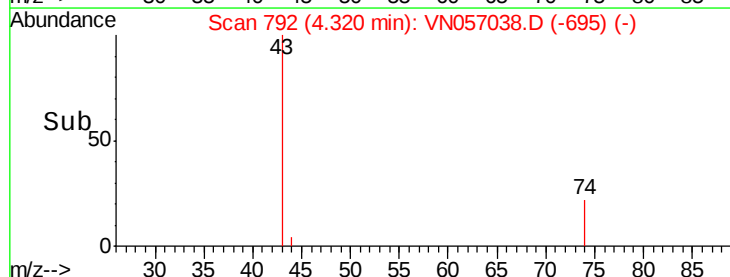
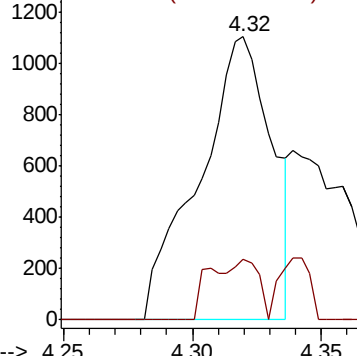
43 100

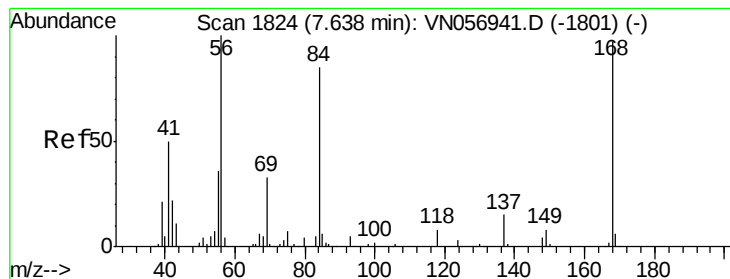
74 7.5 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#31

Cyclohexane

Concen: 0.874 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.02 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-538-540

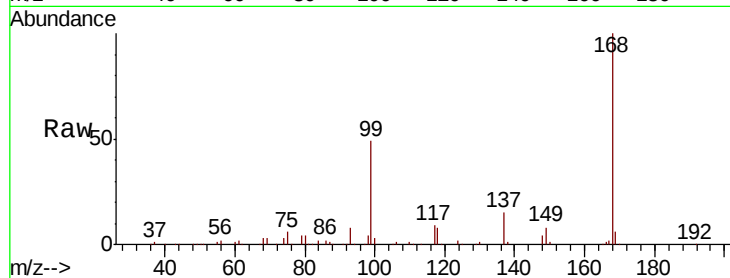
Tot Ion: 56 Resp: 8127

Ion Ratio Lower Upper

56 100

69 188.2 26.2 39.2#

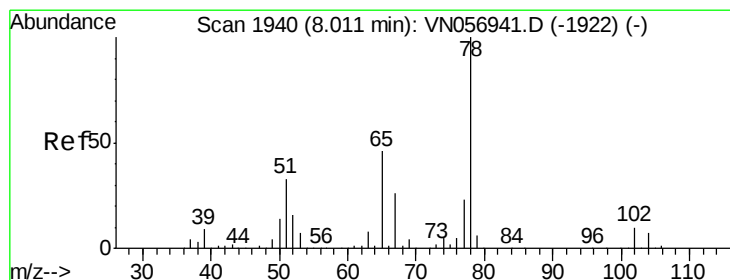
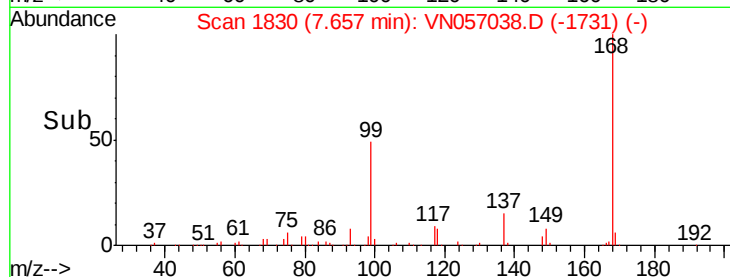
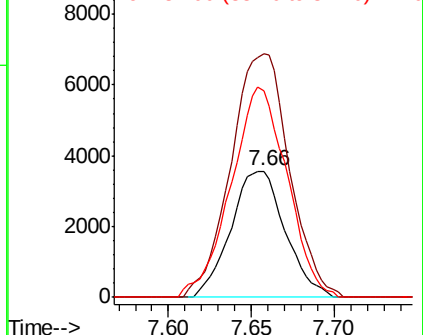
84 162.9 68.2 102.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 55.684 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057038.D

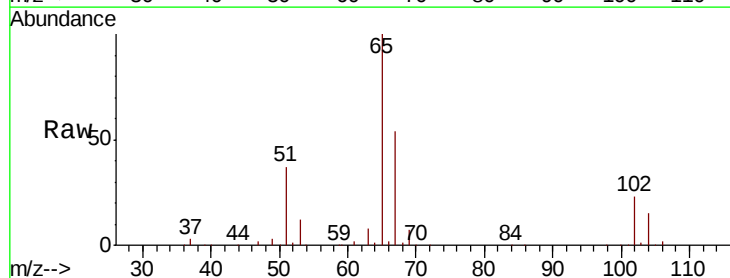
Acq: 1 Aug 2019 15:34

Tgt Ion: 65 Resp: 315227

Ion Ratio Lower Upper

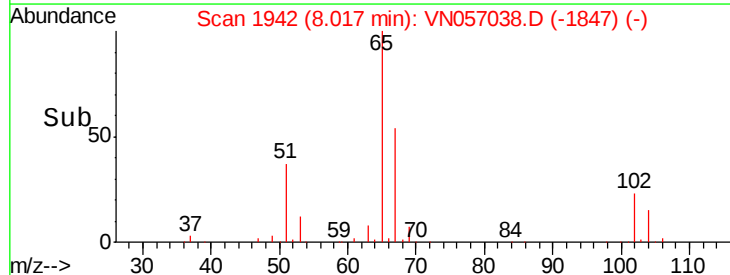
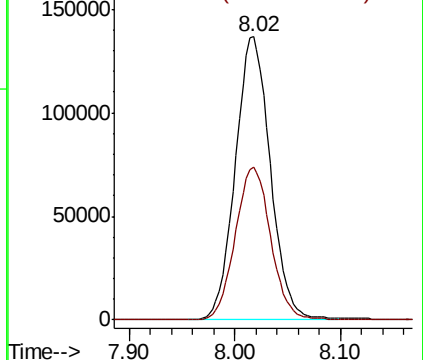
65 100

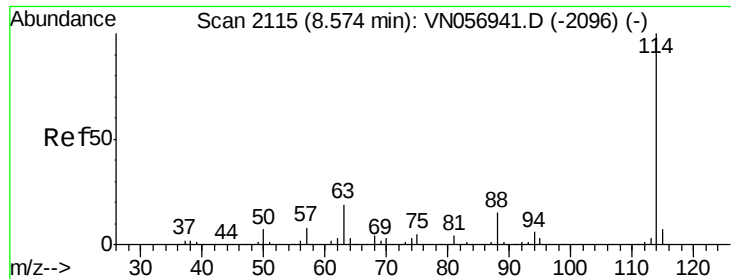
67 54.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

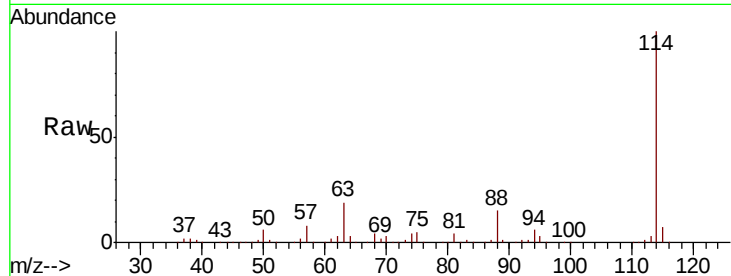




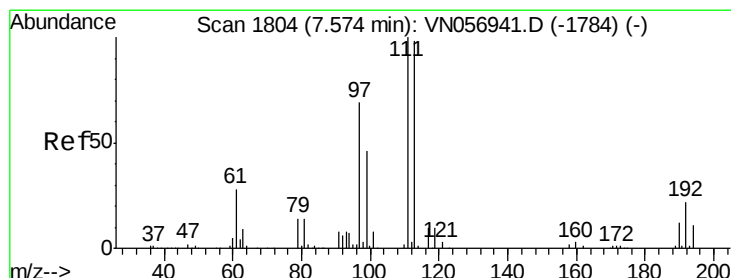
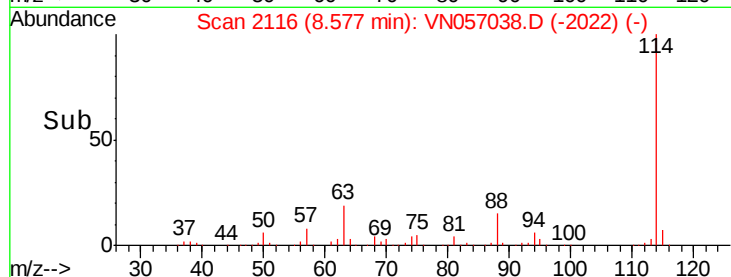
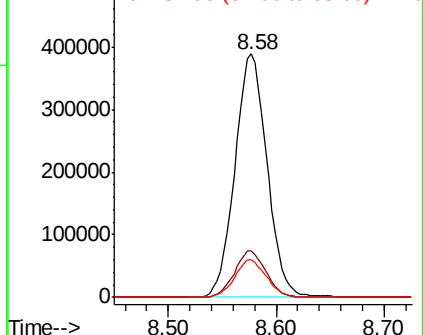
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057038.D
Acq: 1 Aug 2019 15:34

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-538-540

Tot Ion:114 Resp: 807523
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.0
88 15.5 0.0 30.0

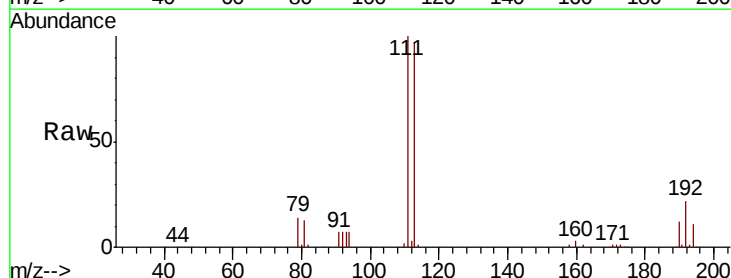


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

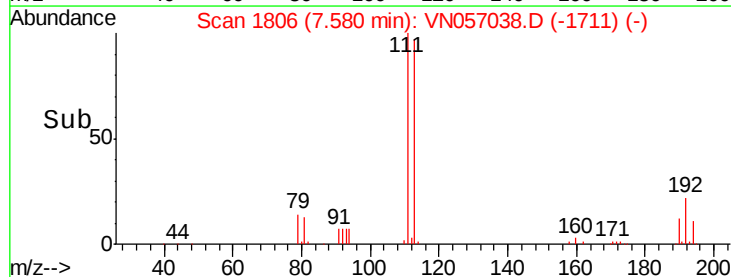
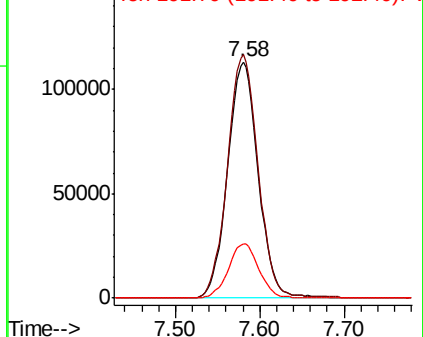


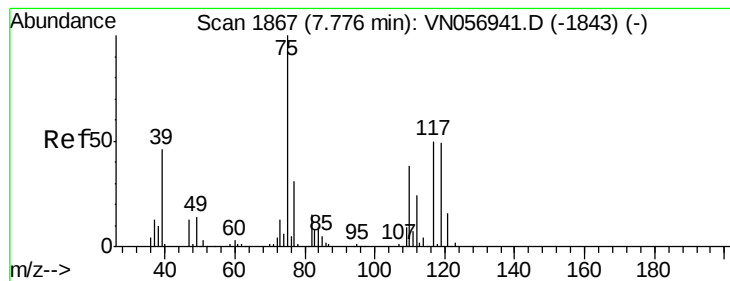
#35
Dibromofluoromethane
Concen: 55.153 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. 0.01 min
Lab File: VN057038.D
Acq: 1 Aug 2019 15:34

Tgt Ion:113 Resp: 285114
Ion Ratio Lower Upper
113 100
111 103.2 82.0 123.0
192 22.8 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.543 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-538-540

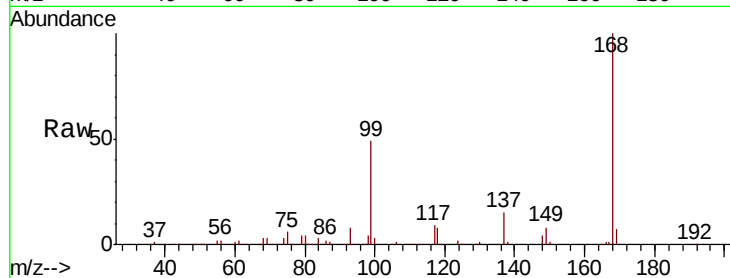
Tot Ion: 75 Resp: 32283

Ion Ratio Lower Upper

75 100

110 9.1 18.6 55.8#

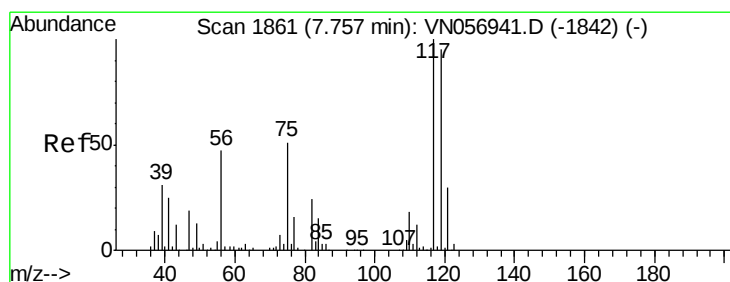
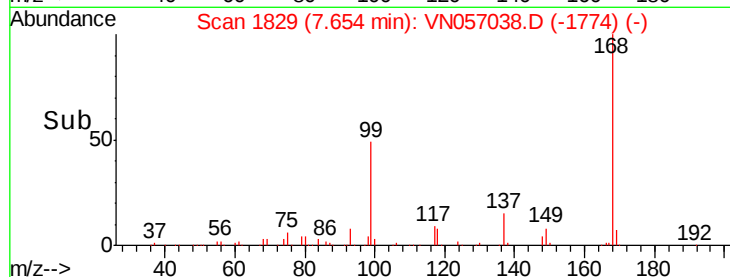
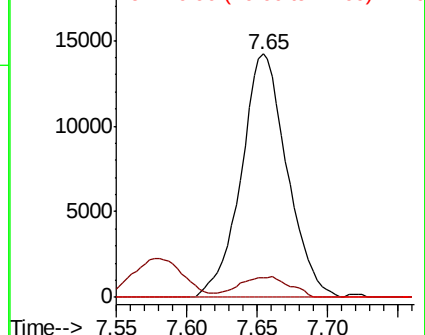
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0



#38

Carbon Tetrachloride

Concen: 7.033 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

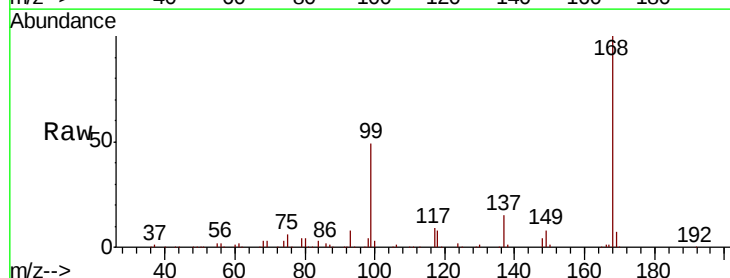
Tgt Ion: 117 Resp: 47269

Ion Ratio Lower Upper

117 100

119 5.5 75.3 112.9#

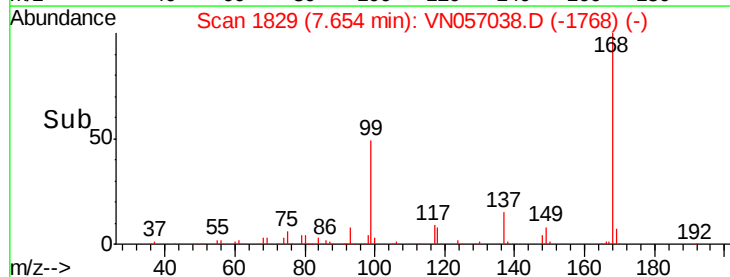
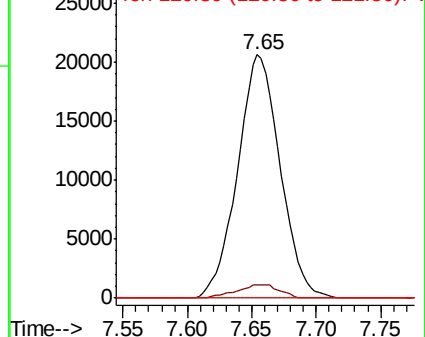
121 0.0 24.2 36.4#

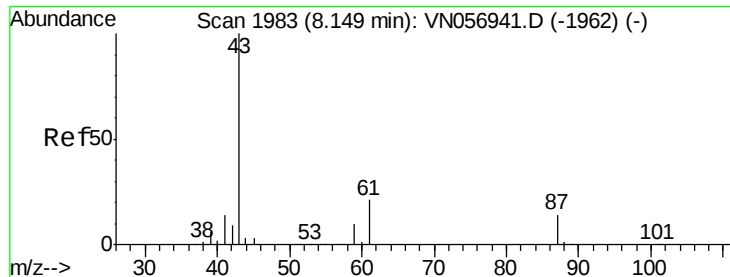


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 1.362 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.12 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB203-GW-538-540

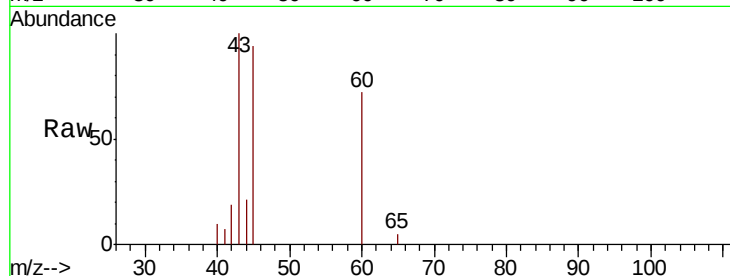
Tot Ion: 43 Resp: 12812

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.6#

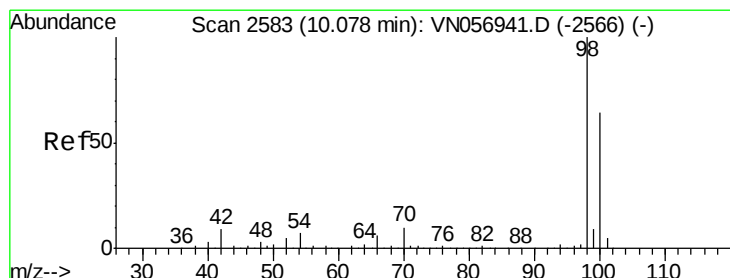
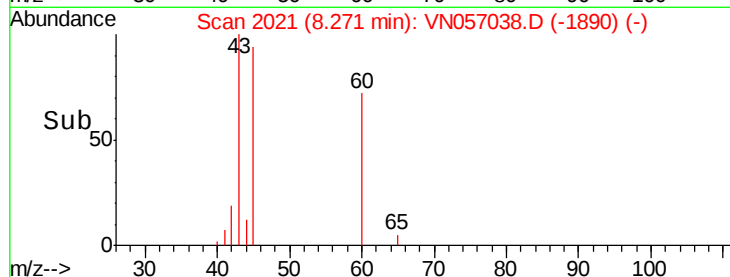
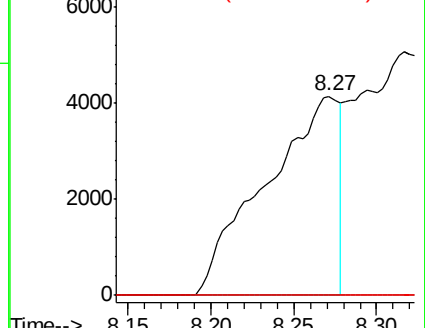
87 0.0 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 54.387 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057038.D

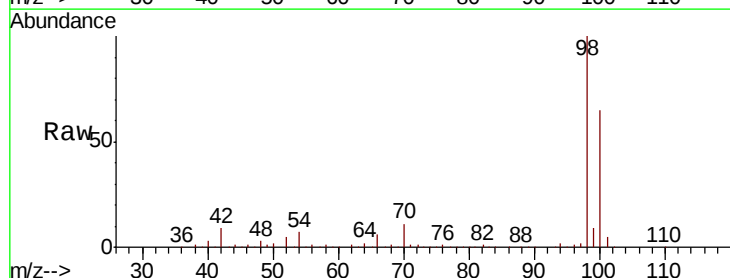
Acq: 1 Aug 2019 15:34

Tgt Ion: 98 Resp: 1072170

Ion Ratio Lower Upper

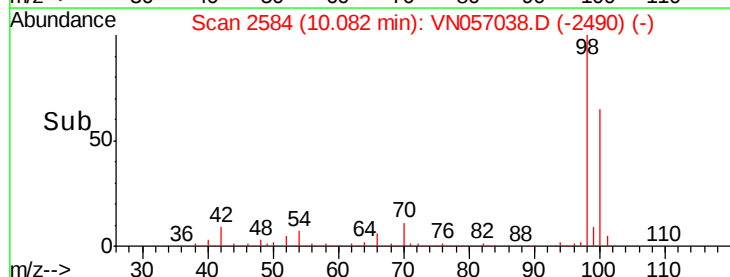
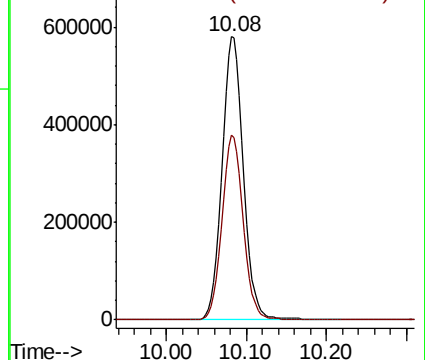
98 100

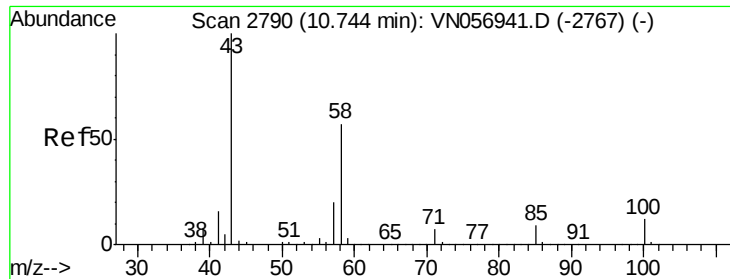
100 65.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 2.523 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.01 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

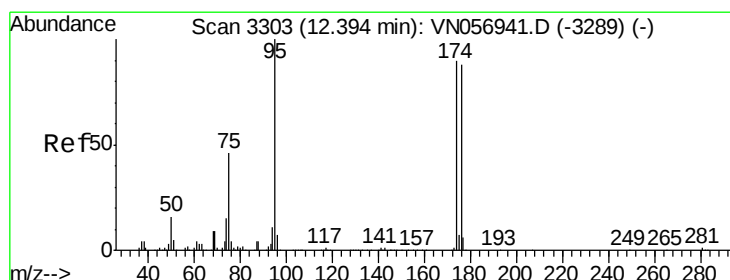
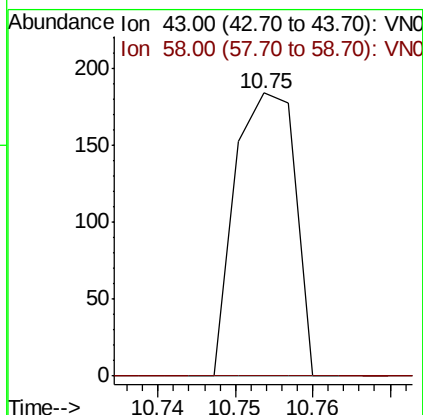
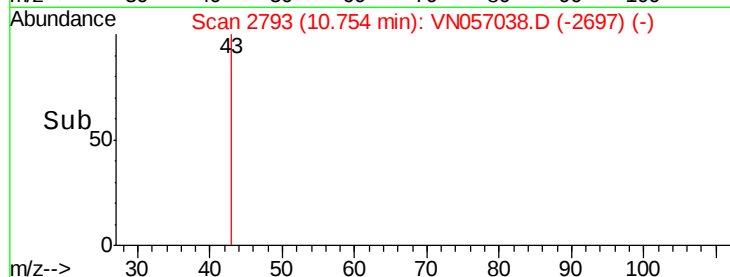
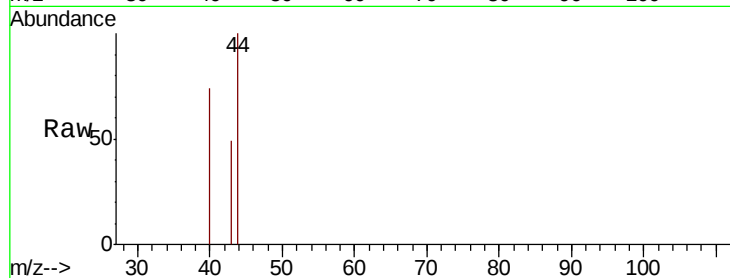
BP-VPB203-GW-538-540

Tot Ion: 43 Resp: 99

Ion Ratio Lower Upper

43 100

58 0.0 28.5 85.5#



#62

4-Bromofluorobenzene

Concen: 42.677 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

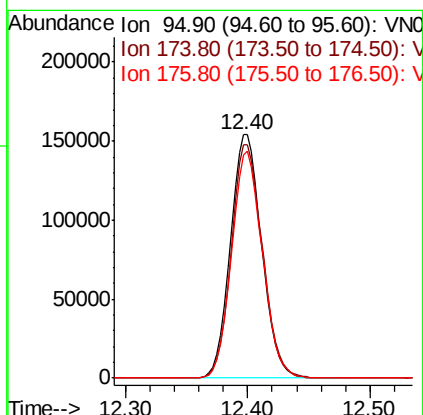
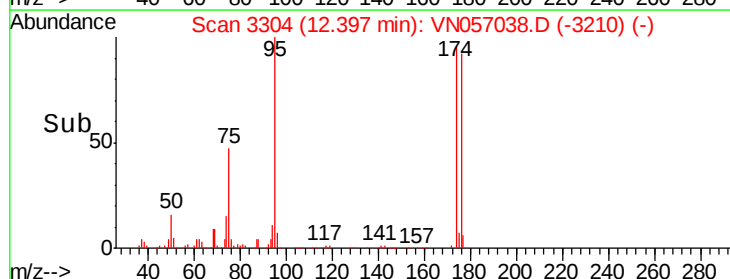
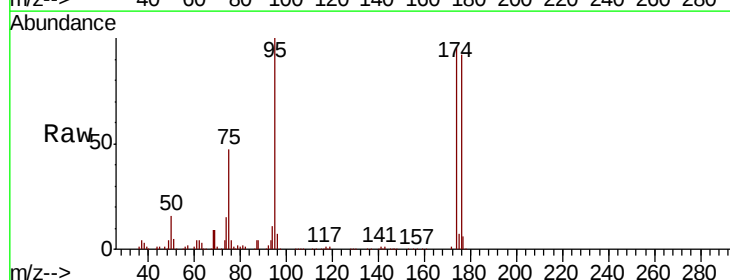
Tgt Ion: 95 Resp: 273887

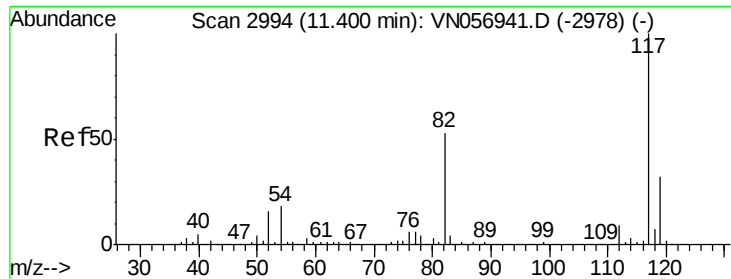
Ion Ratio Lower Upper

95 100

174 95.7 0.0 182.2

176 91.6 0.0 179.4

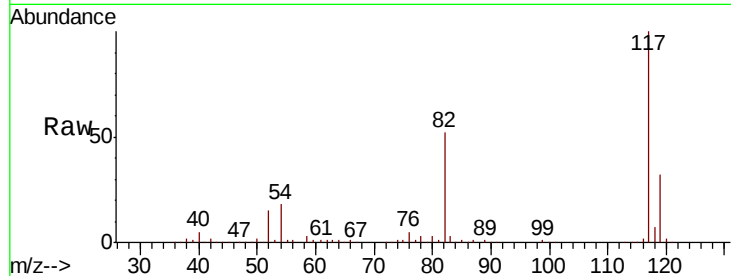




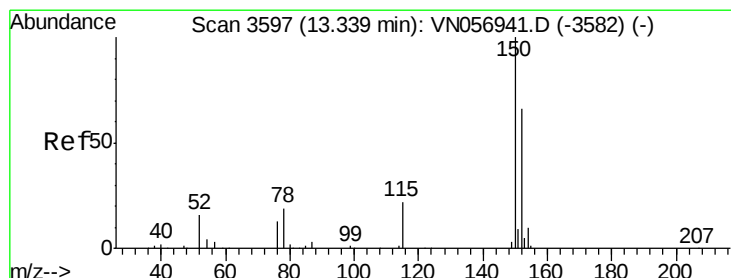
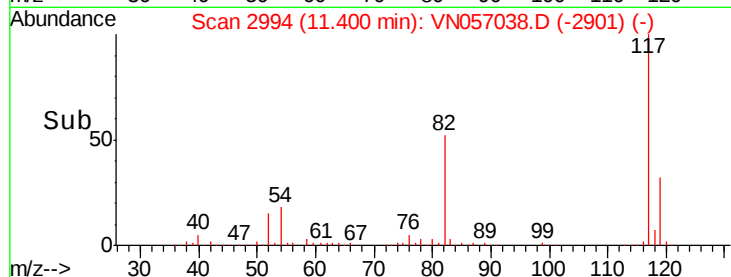
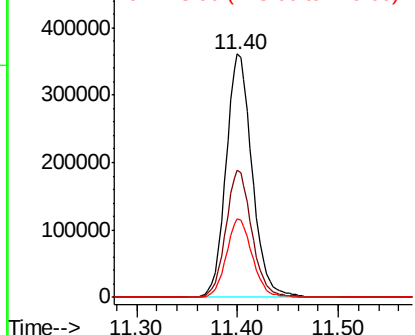
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057038.D
Acq: 1 Aug 2019 15:34

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-538-540

Tot Ion:117 Resp: 650947
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 32.1 25.8 38.6

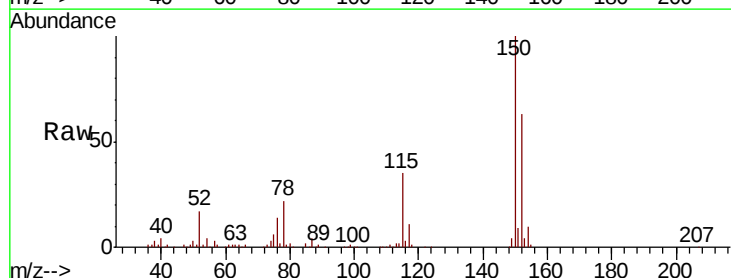


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

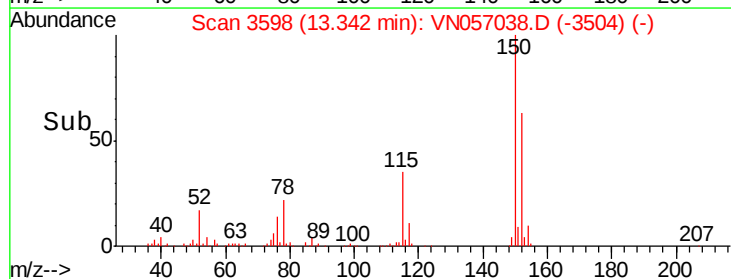
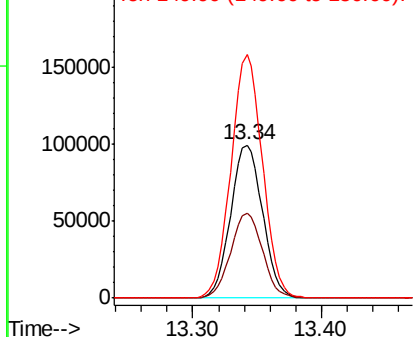


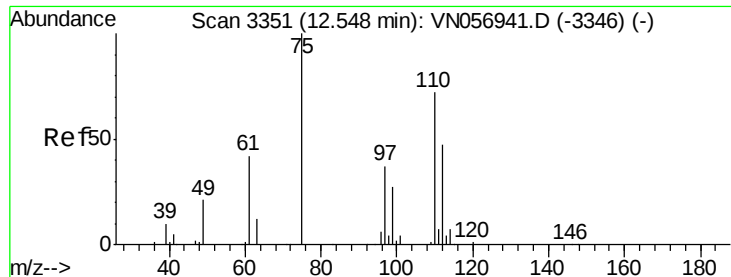
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057038.D
Acq: 1 Aug 2019 15:34

Tgt Ion:152 Resp: 171518
Ion Ratio Lower Upper
152 100
115 55.1 28.2 84.6
150 156.5 0.0 349.4



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: 36.405 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

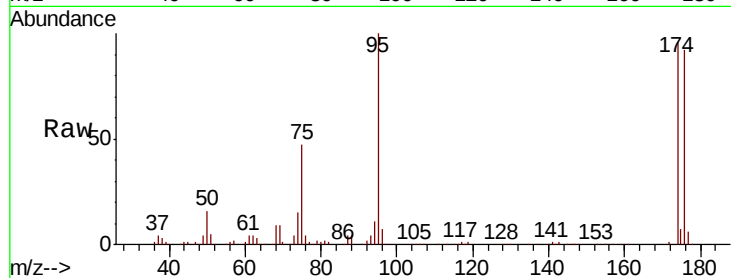
BP-VPB203-GW-538-540

Tot Ion: 75 Resp: 126807

Ion Ratio Lower Upper

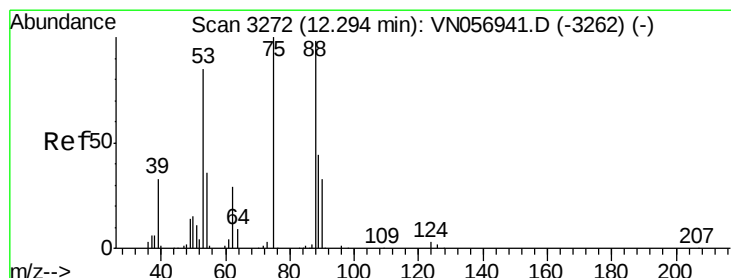
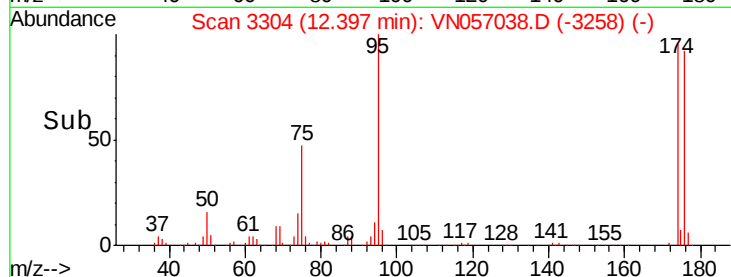
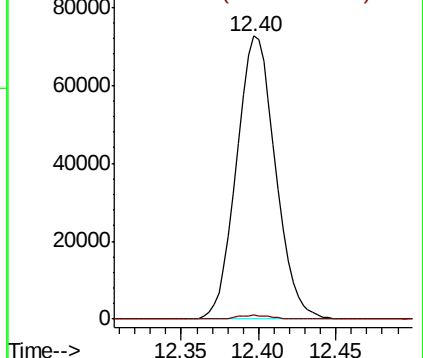
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 116.968 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN057038.D

Acq: 1 Aug 2019 15:34

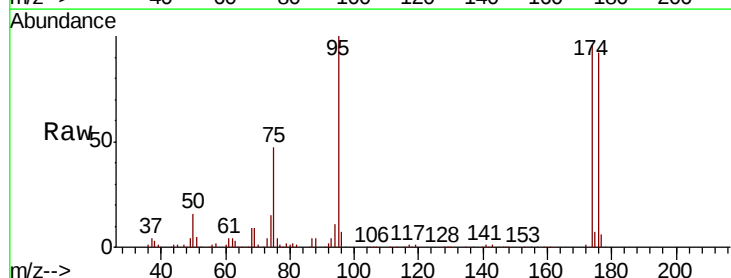
Tgt Ion: 75 Resp: 126807

Ion Ratio Lower Upper

75 100

53 0.0 69.3 103.9#

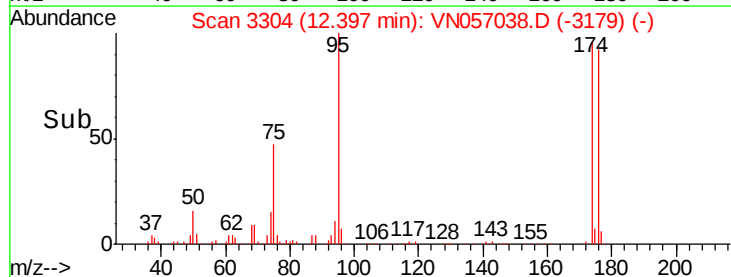
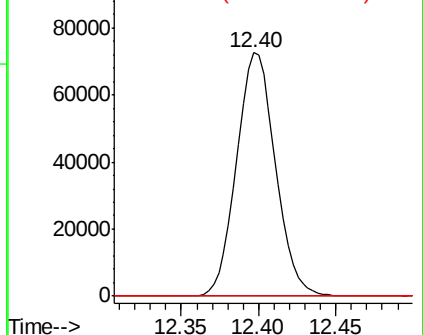
89 0.0 35.8 53.6#

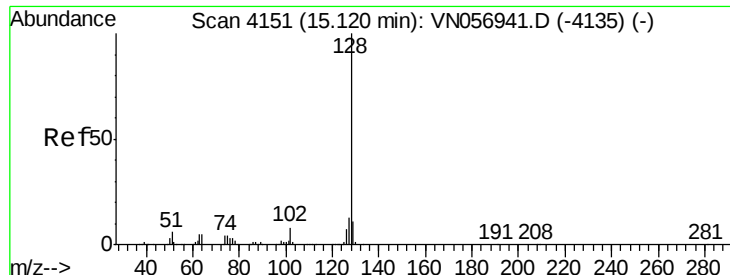


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95
Naphthalene
Concen: 3.600 ug/l
RT: 15.12 min Scan# 4151
Delta R.T. 0.00 min
Lab File: VN057038.D
Acq: 1 Aug 2019 15:34

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB203-GW-538-540

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.0	15.0#
129	0.0	8.7	13.1#

