

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054521.D
 Acq On : 21 Mar 2019 19:50
 Operator : JC/SP
 Sample : K1965-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW30211-20190315

Quant Time: Mar 22 11:01:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

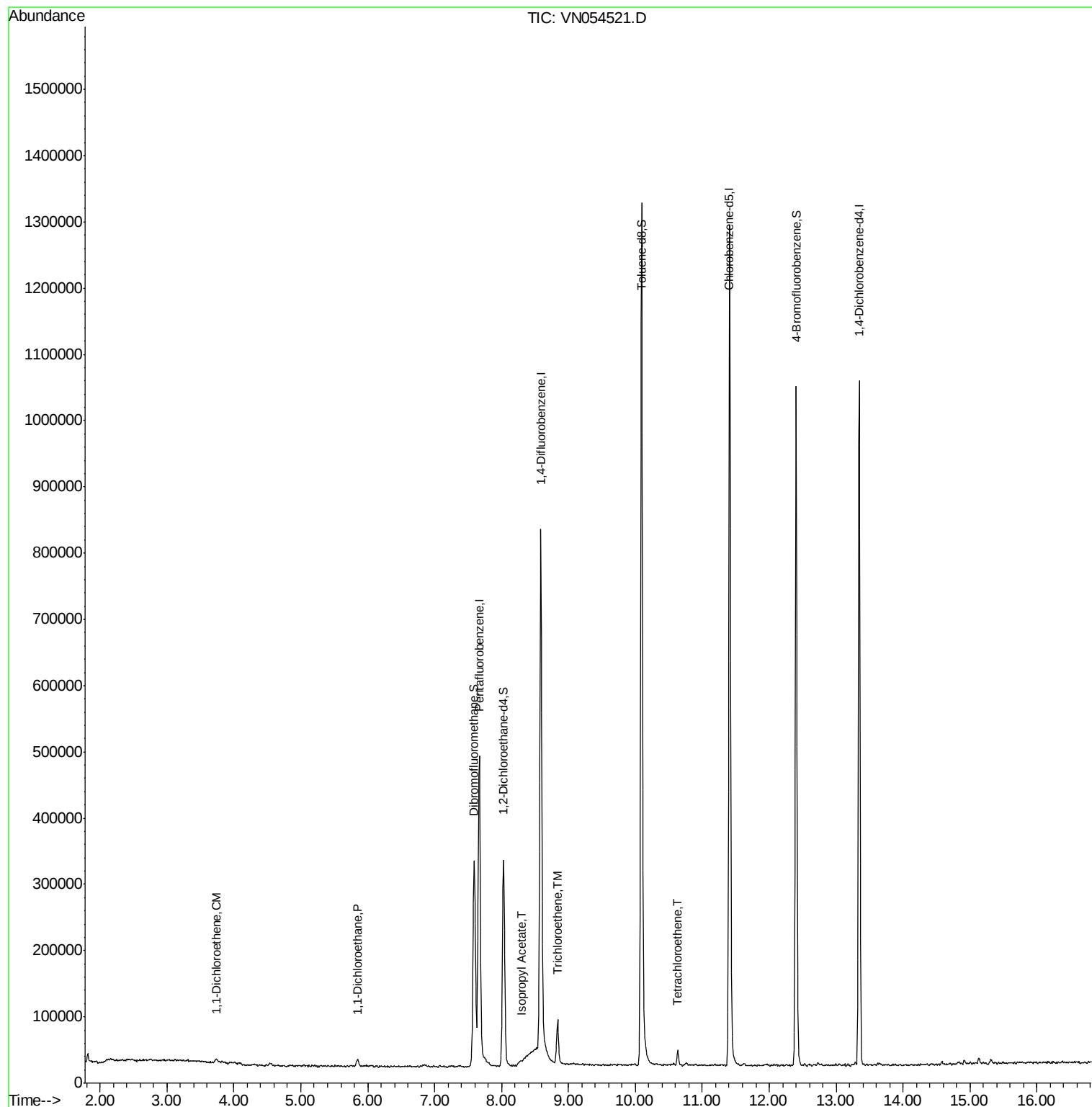
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	412162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	743395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	767497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	276189	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	7.59	113	232839	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	10.09	98	958360	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.40	95	361239	58.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.92%	
Target Compounds						
12) 1,1-Dichloroethene	3.74	96	2677	0.673	ug/l #	79
24) 1,1-Dichloroethane	5.85	63	14793	1.861	ug/l	98
43) Isopropyl Acetate	8.31	43	13518	1.619	ug/l #	60
44) Trichloroethene	8.83	130	24277	4.393	ug/l	90
64) Tetrachloroethene	10.63	164	5032	0.790	ug/l	94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
Data File : VN054521.D
Acq On : 21 Mar 2019 19:50
Operator : JC/SP
Sample : K1965-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30211-20190315

Quant Time: Mar 22 11:01:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

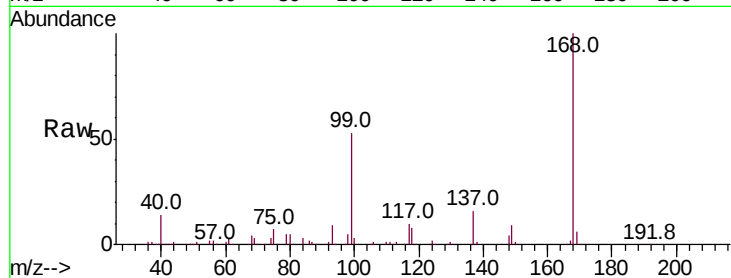
BPS1-TT-MW30211-20190315

Tot Ion:168 Resp: 412162

Ion Ratio Lower Upper

168 100

99 52.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

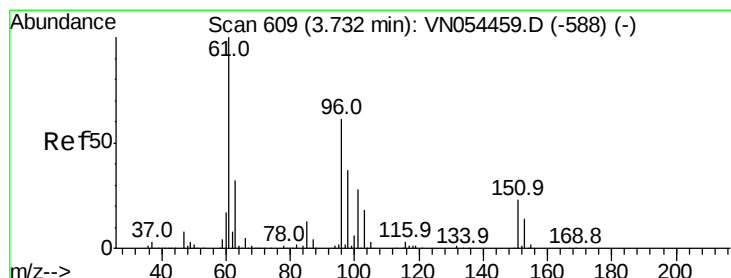
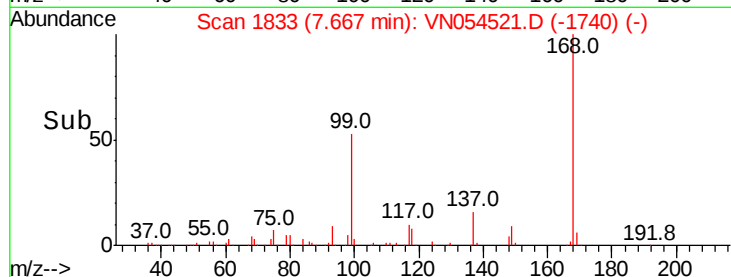
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#12

1,1-Dichloroethene

Concen: 0.673 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

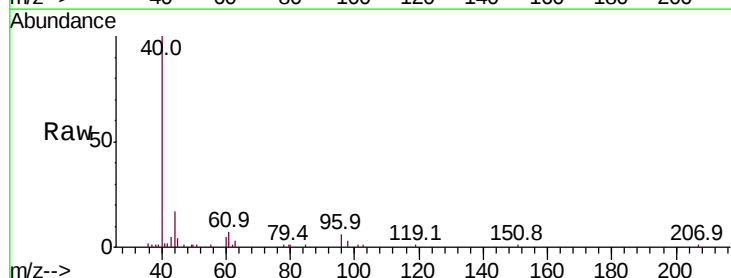
Tgt Ion: 96 Resp: 2677

Ion Ratio Lower Upper

96 100

61 117.4 116.5 174.7

98 50.2 51.0 76.4#



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

2000

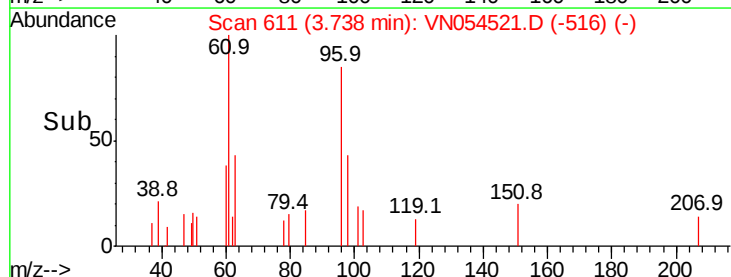
1500

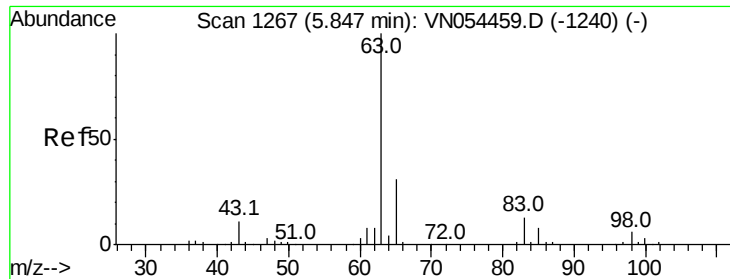
1000

500

0

Time--> 3.65 3.70 3.75 3.80





#24

1,1-Dichloroethane

Concen: 1.861 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

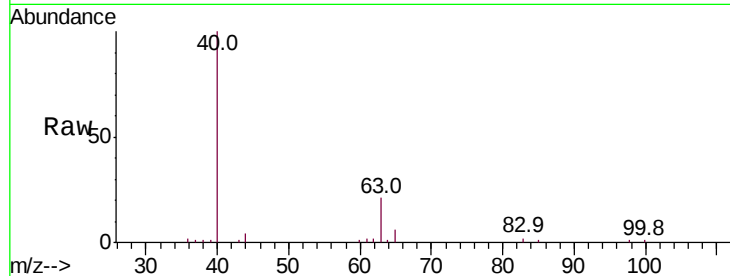
Tot Ion: 63 Resp: 14793

Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.5

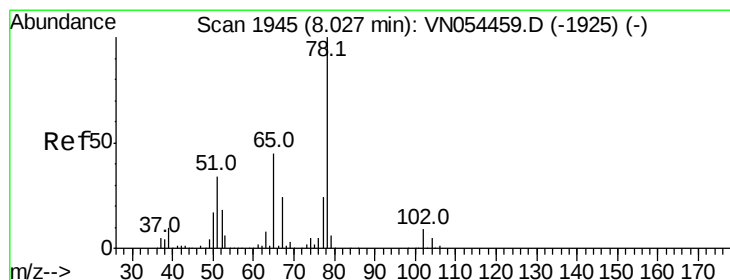
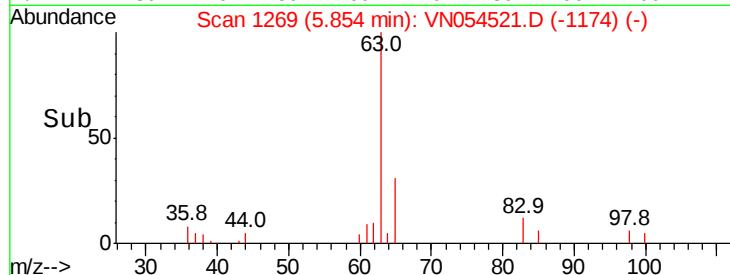
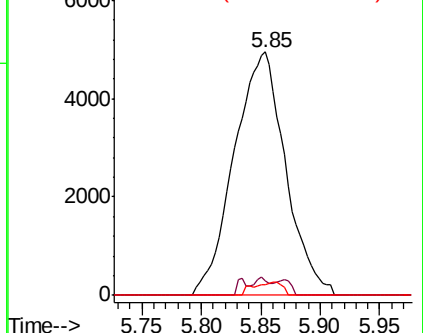
100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.873 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054521.D

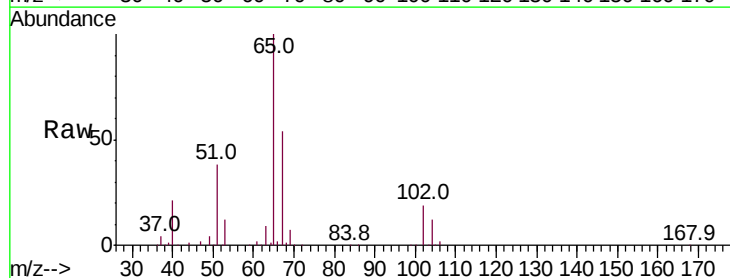
Acq: 21 Mar 2019 19:50

Tgt Ion: 65 Resp: 276189

Ion Ratio Lower Upper

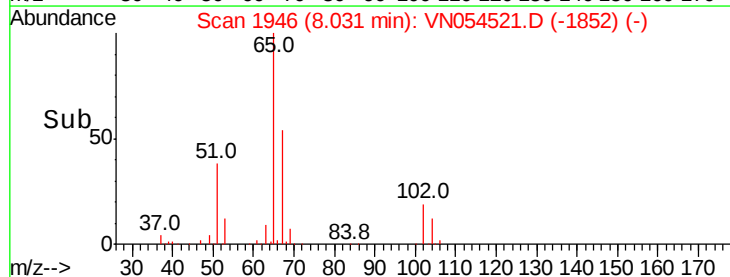
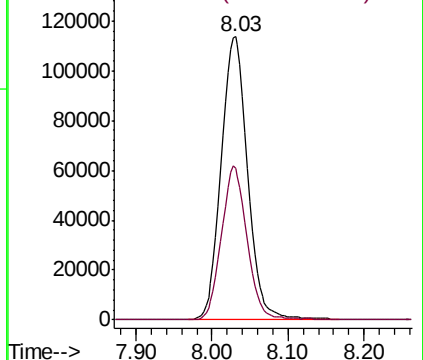
65 100

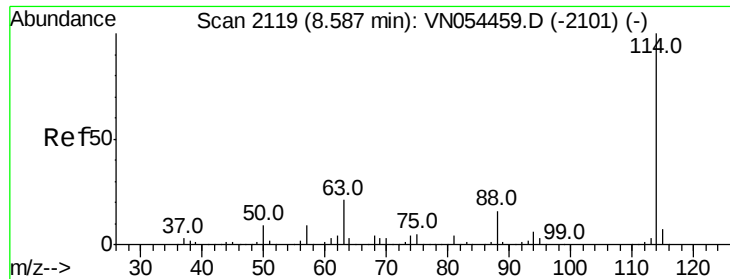
67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

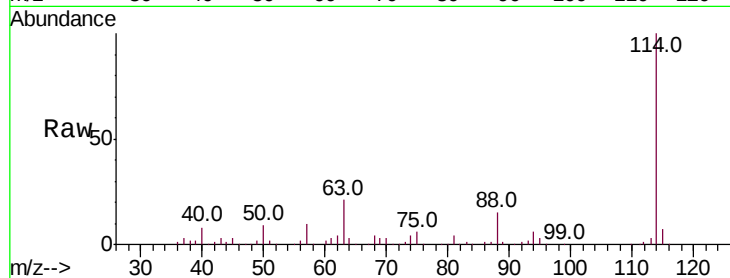




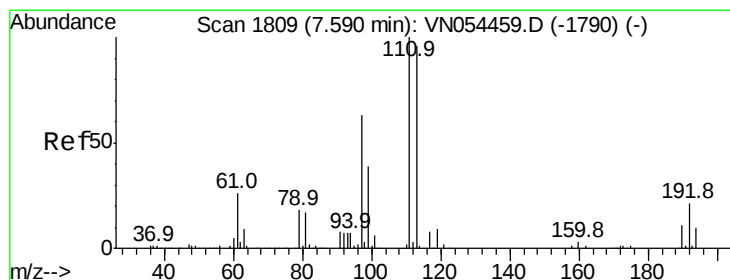
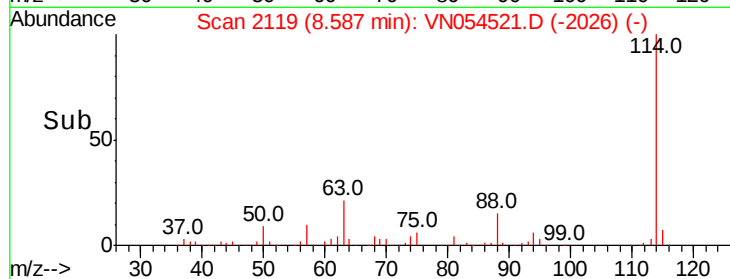
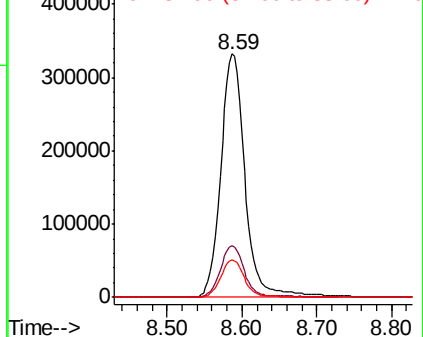
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054521.D
 Acq: 21 Mar 2019 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW30211-20190315

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	35.2
88	15.3	0.0	30.2

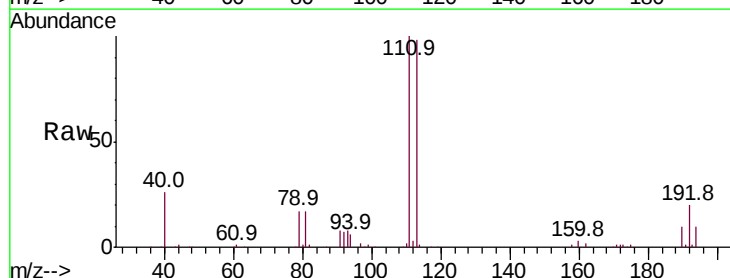


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

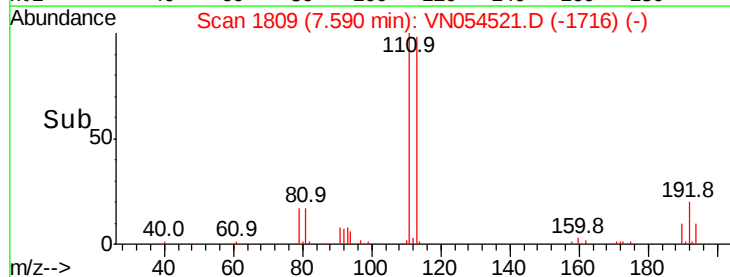
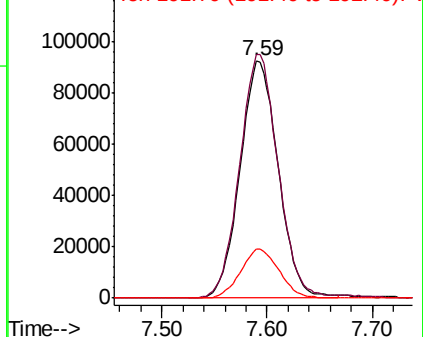


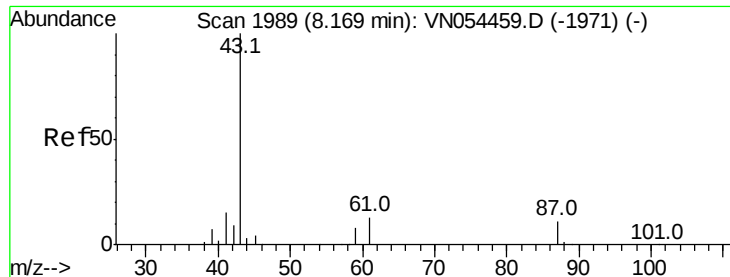
#35
 Dibromofluoromethane
 Concen: 48.616 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054521.D
 Acq: 21 Mar 2019 19:50

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	20.9	19.2	28.8



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





#43

Isopropyl Acetate

Concen: 1.619 ug/l

RT: 8.31 min Scan# 2032

Delta R.T. 0.14 min

Lab File: VN054521.D

Acq: 21 Mar 2019 19:50

Instrument :

MSVOA_N

ClientSampleId :

BPS1-TT-MW30211-20190315

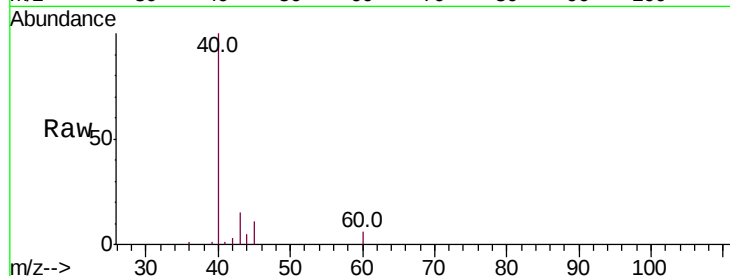
Tot Ion: 43 Resp: 13518

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

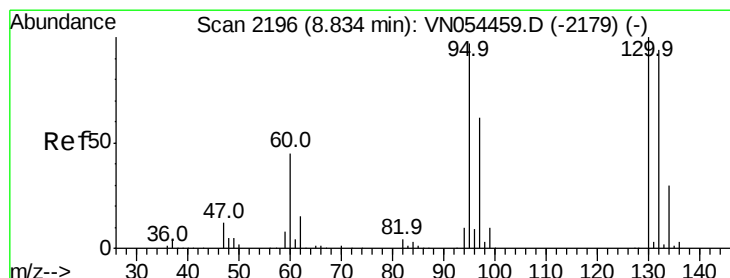
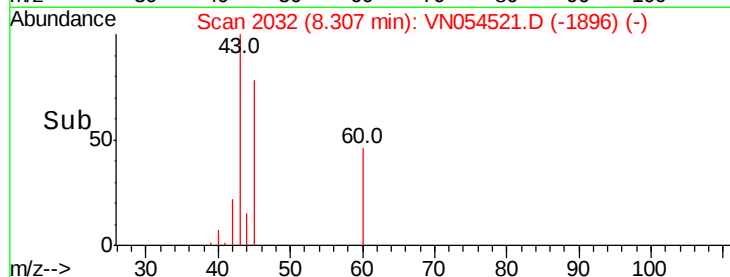
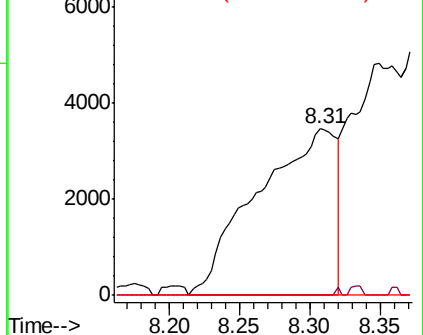
87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054459.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054459.D (-1971) (-)



#44

Trichloroethene

Concen: 4.393 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054521.D

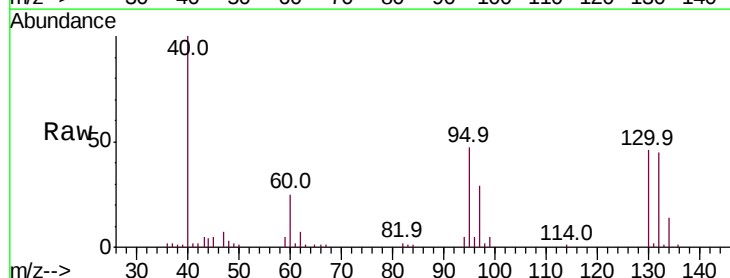
Acq: 21 Mar 2019 19:50

Tgt Ion: 130 Resp: 24277

Ion Ratio Lower Upper

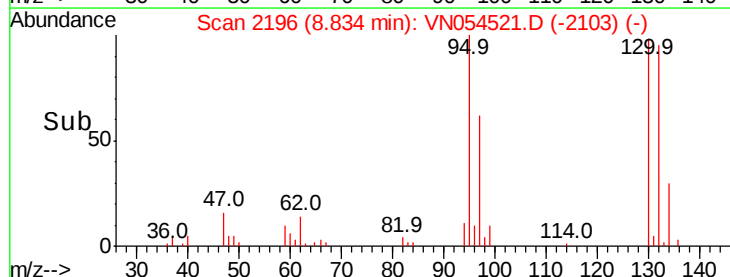
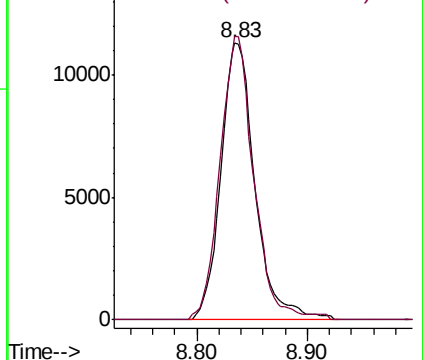
130 100

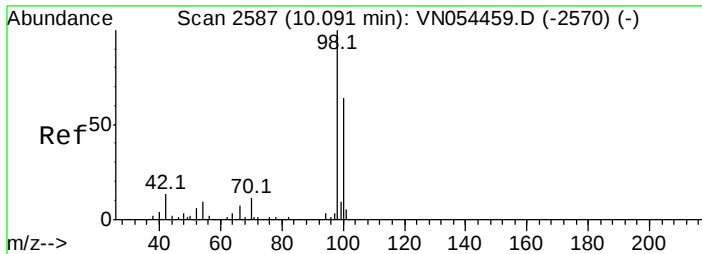
95 102.0 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054459.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN054459.D (-2179) (-)

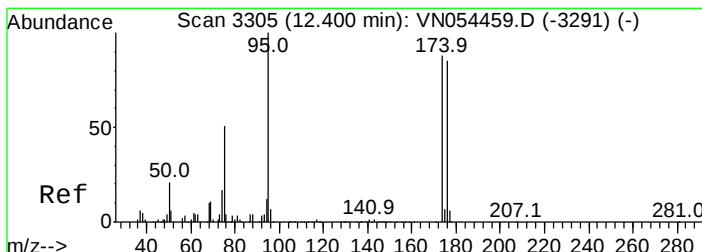
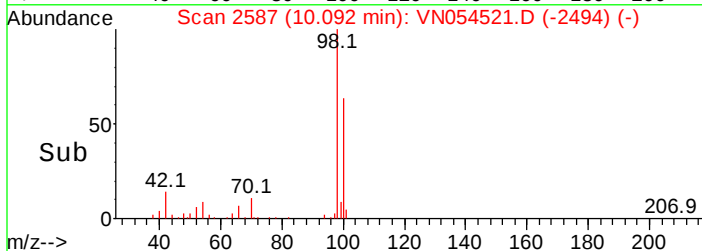
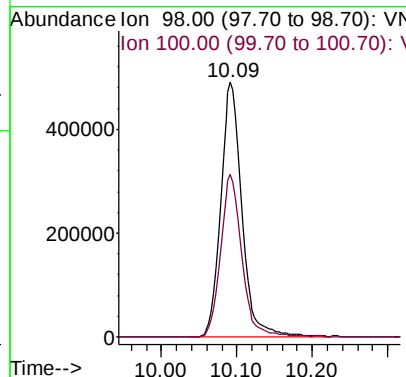
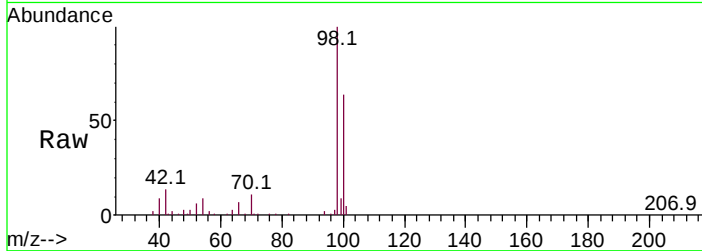




#50
Toluene-d8
Concen: 53.228 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

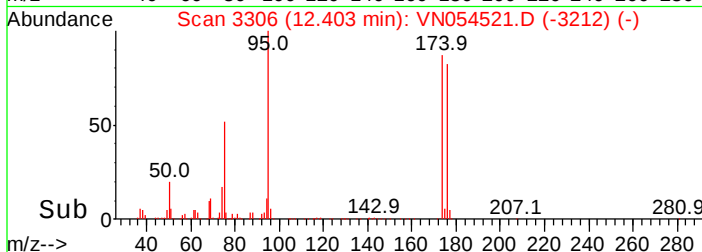
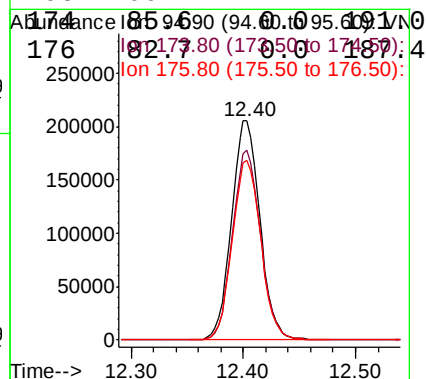
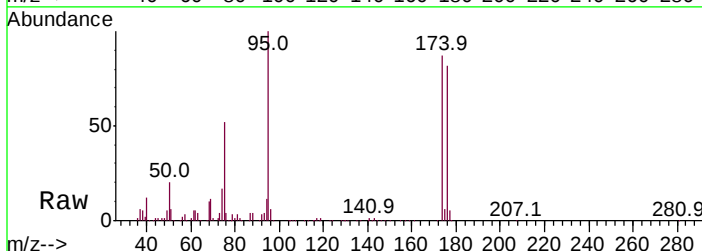
Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30211-20190315

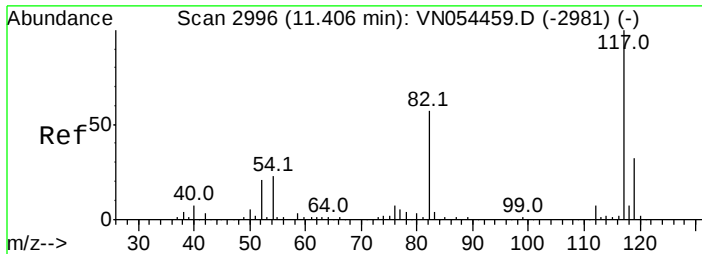
Tot Ion: 98 Resp: 958360
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 58.961 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

Tgt Ion: 95 Resp: 361239
Ion Ratio Lower Upper
95 100

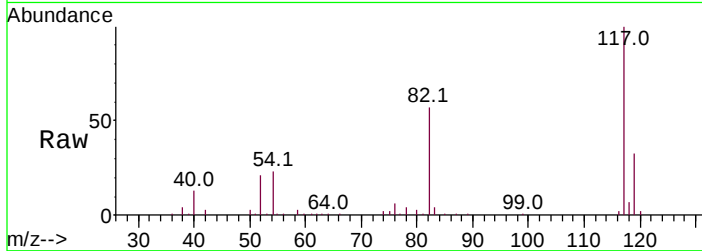




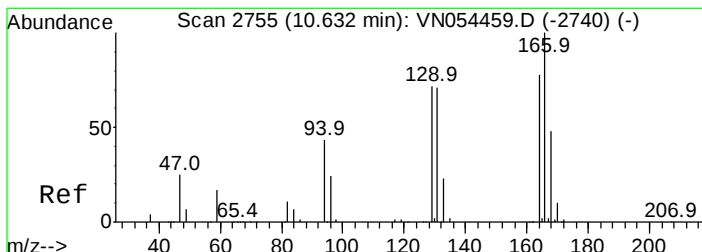
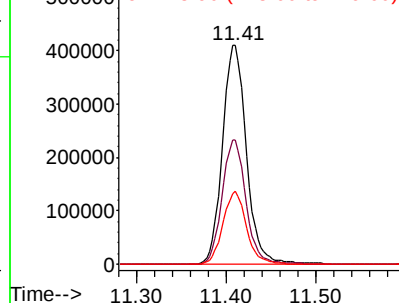
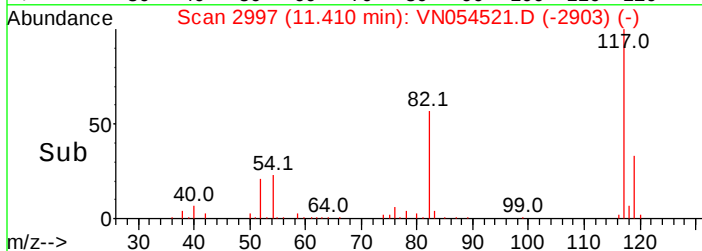
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

Instrument :
MSVOA_N
ClientSampleId :
BPS1-TT-MW30211-20190315

Tot Ion:117 Resp: 767497
Ion Ratio Lower Upper
117 100
82 56.8 40.0 60.0
119 33.0 25.8 38.6

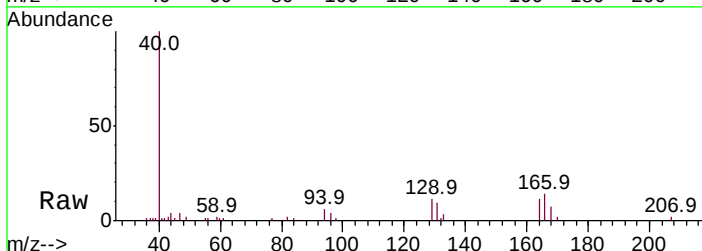


Abundance Ion 116.90 (116.60 to 117.60):
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60):

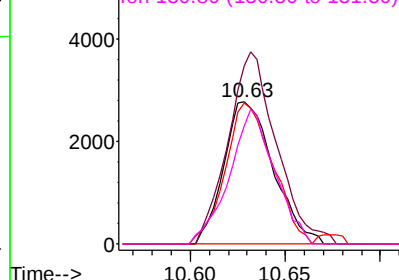
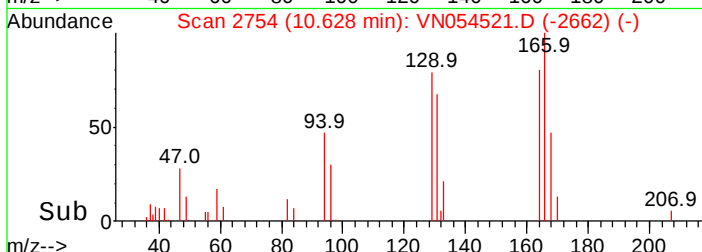


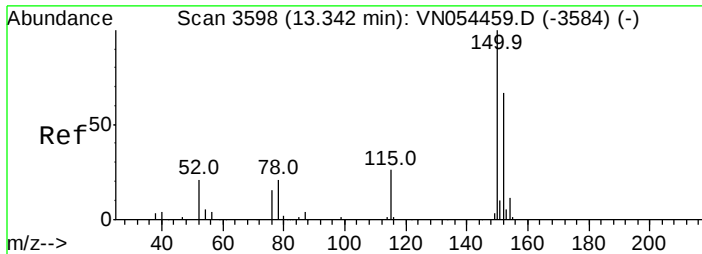
#64
Tetrachloroethene
Concen: 0.790 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN054521.D
Acq: 21 Mar 2019 19:50

Tgt Ion:164 Resp: 5032
Ion Ratio Lower Upper
164 100



Abundance Ion 125.10 (124.80 to 125.40): 9
Ion 165.80 (165.50 to 166.10): 7
Ion 128.80 (128.50 to 129.10): 4
Ion 130.80 (130.50 to 131.10): 4

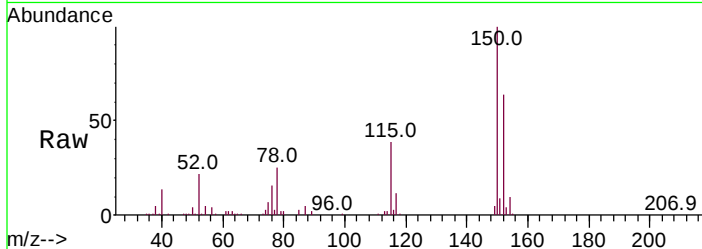




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN054521.D
 Acq: 21 Mar 2019 19:50

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW30211-20190315

Tot Ion:152 Resp: 282019
 Ion Ratio Lower Upper
 152 100
 115 58.8 27.2 81.6
 150 156.0 0.0 349.2



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

