

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058464.D
 Acq On : 1 Oct 2019 14:46
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 02 07:17:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	409921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	665477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	573482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	225763	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	292247	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
35) Dibromofluoromethane	7.58	113	207785	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
50) Toluene-d8	10.08	98	817511	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.41	95	267992	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	

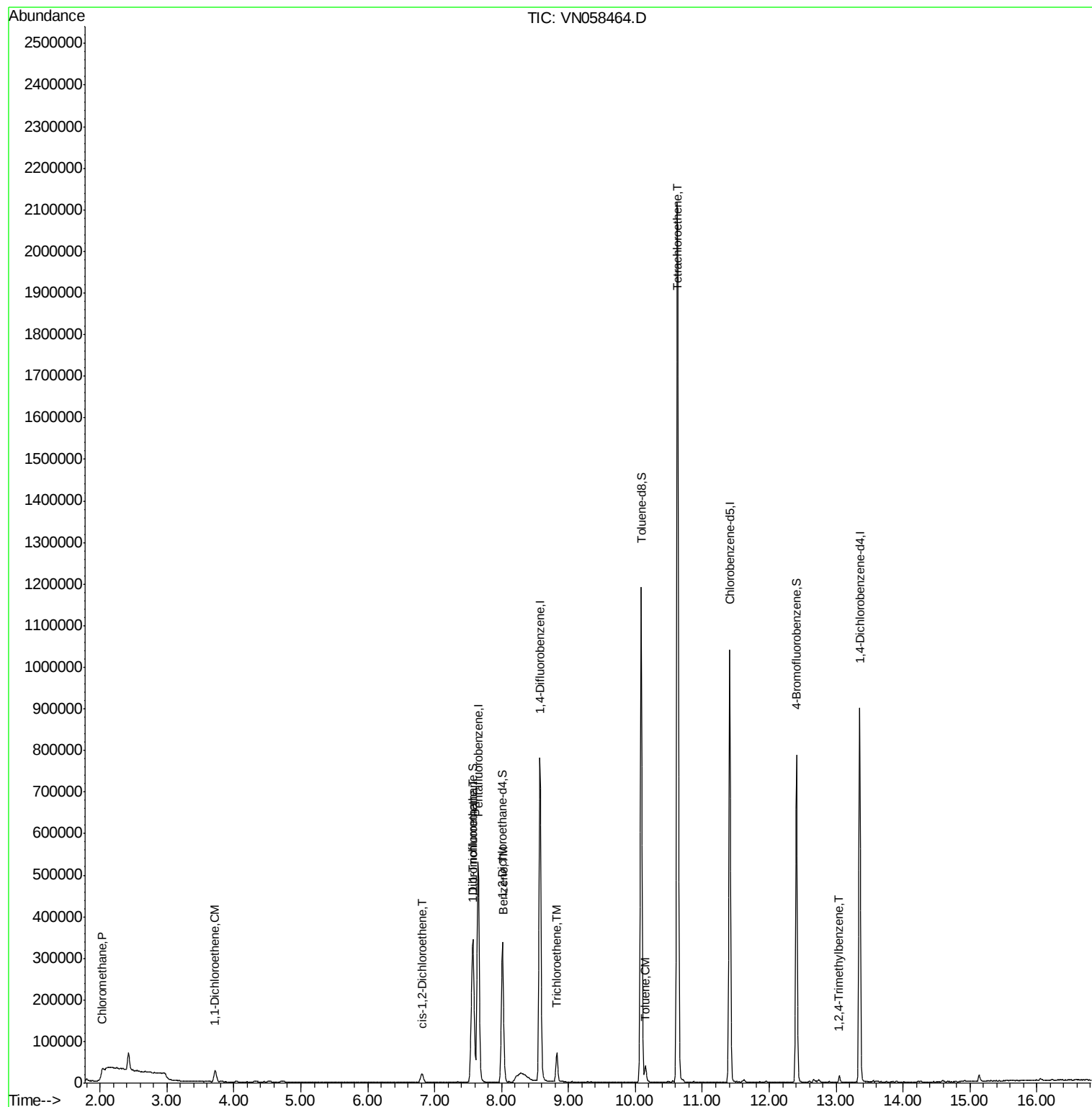
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	5502	1.113	ug/l	93
12) 1,1-Dichloroethene	3.72	96	12922	3.342	ug/l	95
27) cis-1,2-Dichloroethene	6.81	96	9470	1.884	ug/l	85
32) 1,1,1-Trichloroethane	7.55	97	102111	14.398	ug/l	98
40) Benzene	8.03	78	3733	0.204	ug/l	92
44) Trichloroethene	8.82	130	23371	5.175	ug/l	90
52) Toluene	10.15	92	15865	1.378	ug/l	93
64) Tetrachloroethene	10.63	164	471041	129.282	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	9821	0.702	ug/l	91

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

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

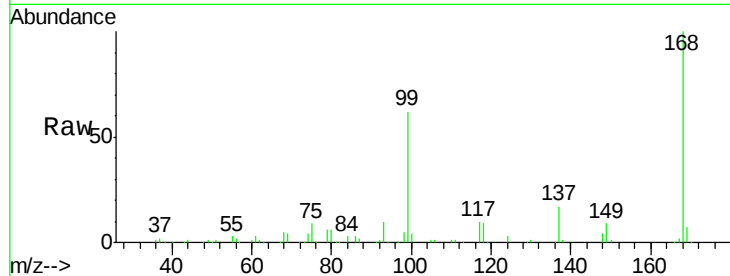
I.BLK

Tot Ion:168 Resp: 409921

Ion Ratio Lower Upper

168 100

99 61.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

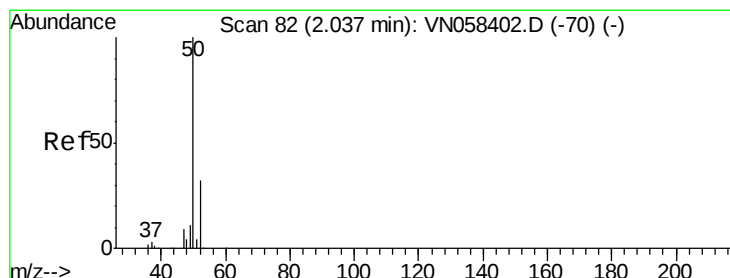
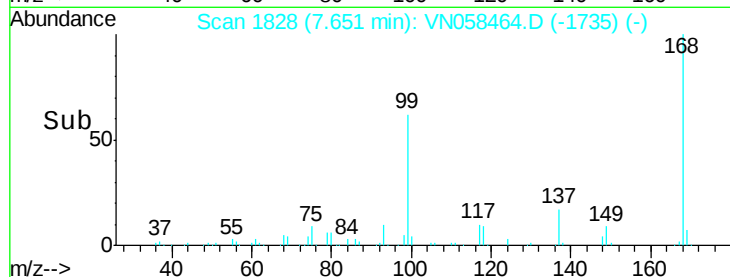
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 1.113 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058464.D

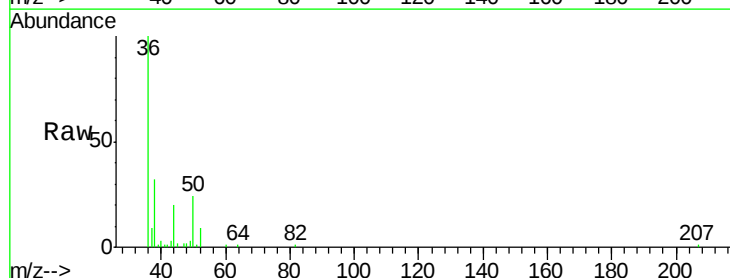
Acq: 1 Oct 2019 14:46

Tgt Ion: 50 Resp: 5502

Ion Ratio Lower Upper

50 100

52 36.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

4000

3000

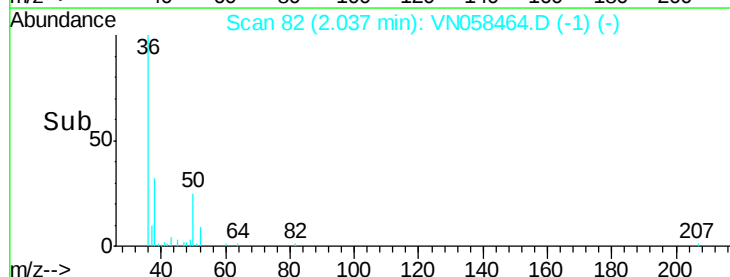
2000

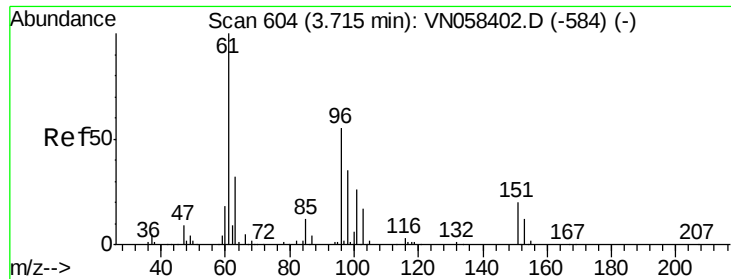
1000

0

2.00 2.05

Time-->





#12

1,1-Dichloroethene

Concen: 3.342 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

I.BLK

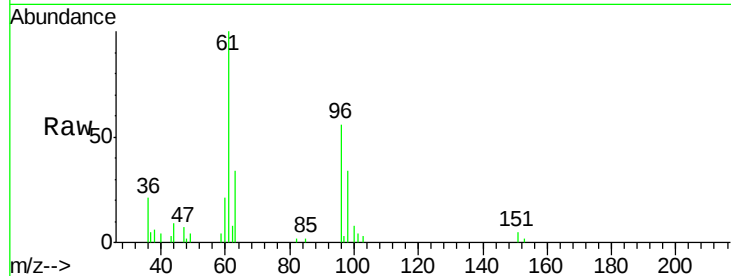
Tot Ion: 96 Resp: 12922

Ion Ratio Lower Upper

96 100

61 177.2 146.7 220.1

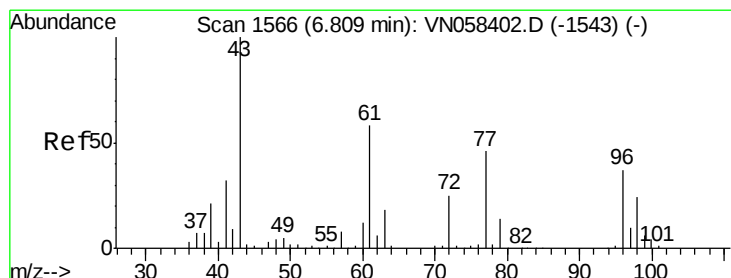
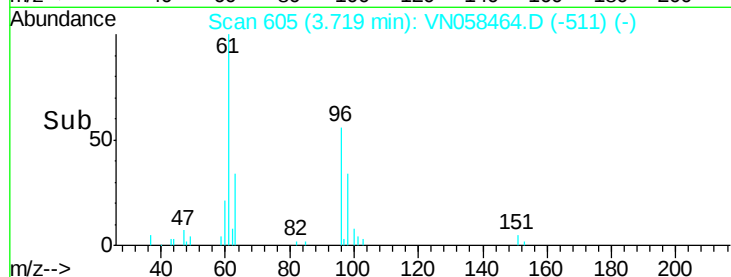
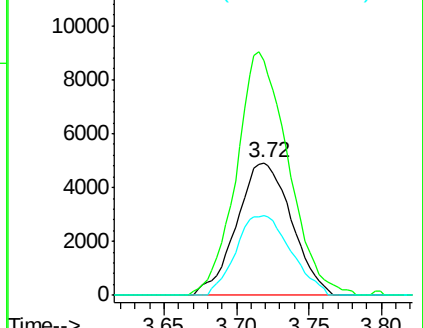
98 59.9 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#27

cis-1,2-Dichloroethene

Concen: 1.884 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

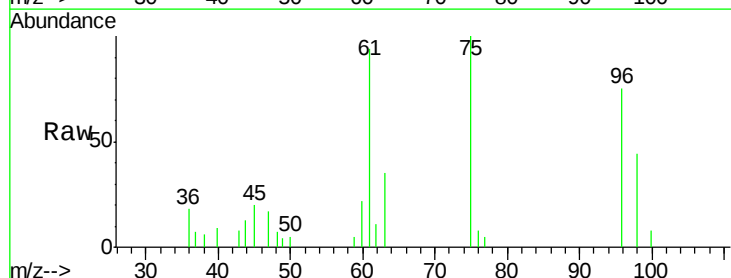
Tgt Ion: 96 Resp: 9470

Ion Ratio Lower Upper

96 100

61 133.3 0.0 318.8

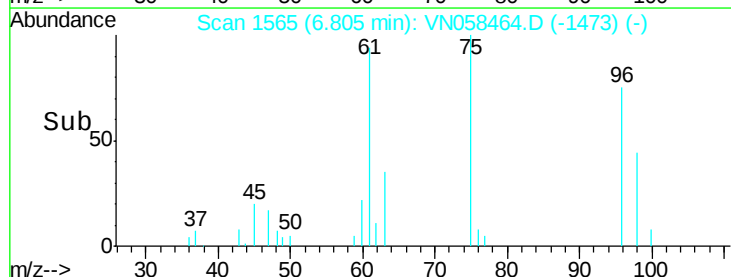
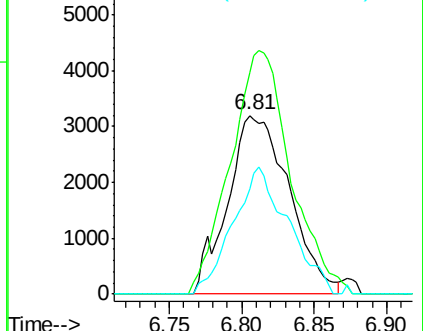
98 63.4 0.0 129.8

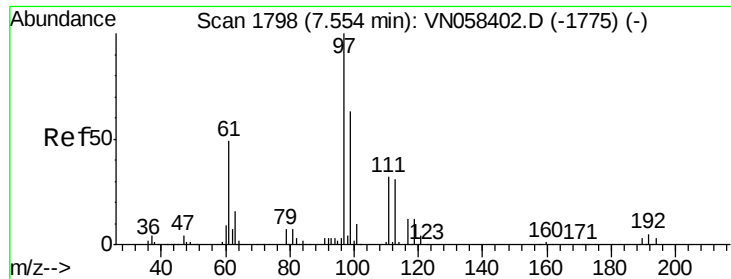


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#32

1,1,1-Trichloroethane

Concen: 14.398 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

I.BLK

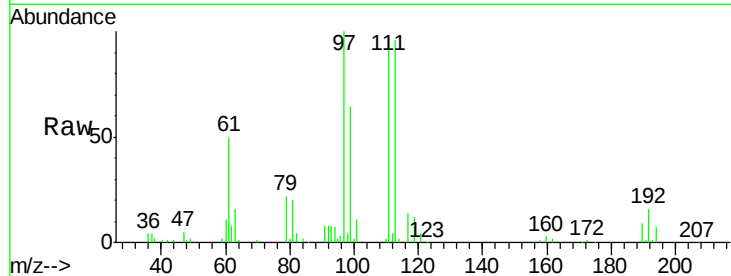
Tot Ion: 97 Resp: 102111

Ion Ratio Lower Upper

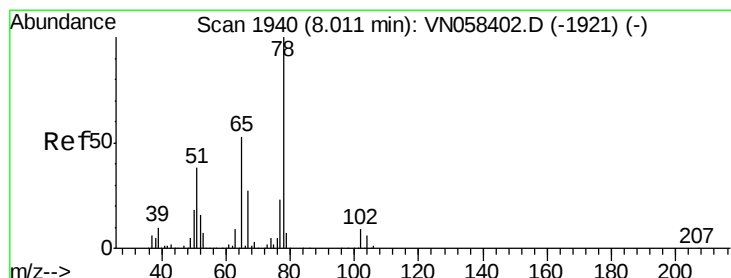
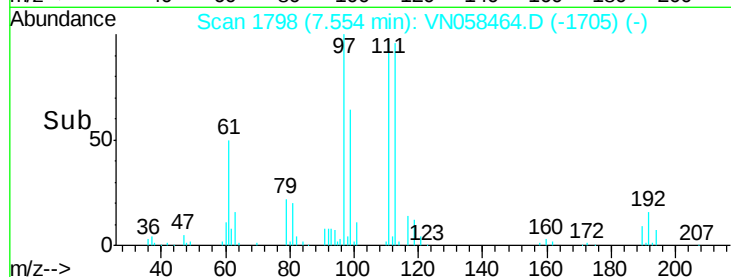
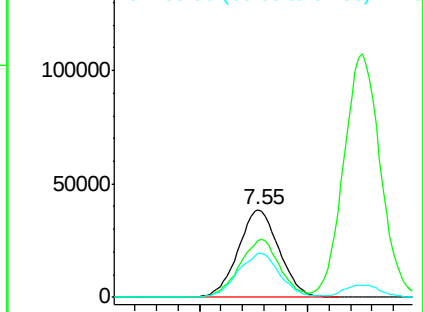
97 100

99 64.8 51.1 76.7

61 51.4 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 48.786 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058464.D

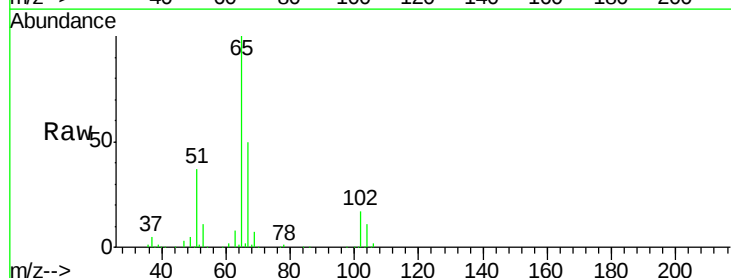
Acq: 1 Oct 2019 14:46

Tgt Ion: 65 Resp: 292247

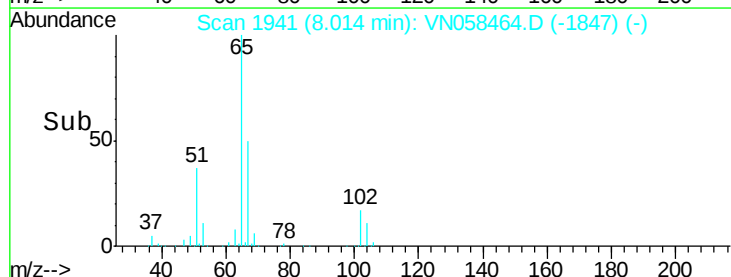
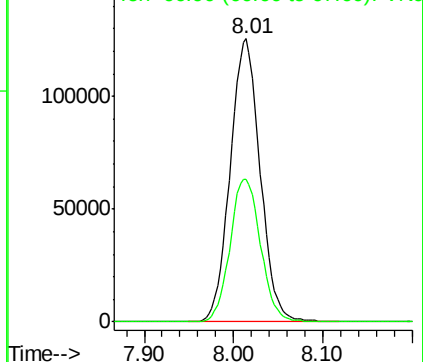
Ion Ratio Lower Upper

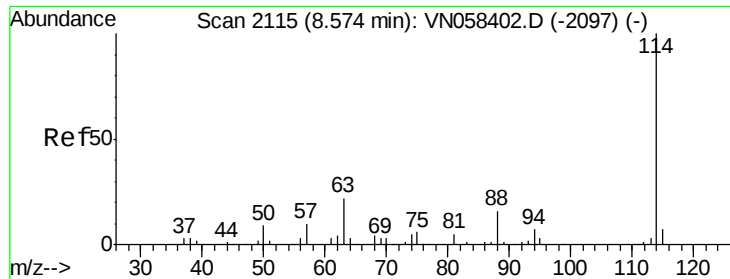
65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

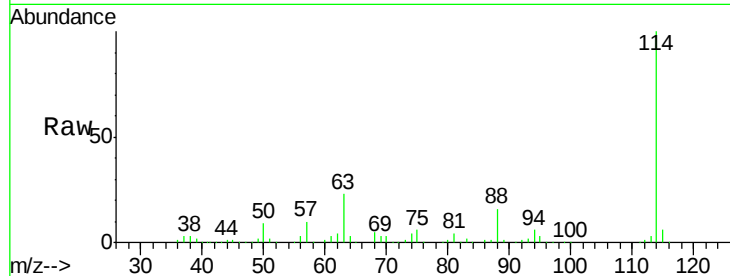




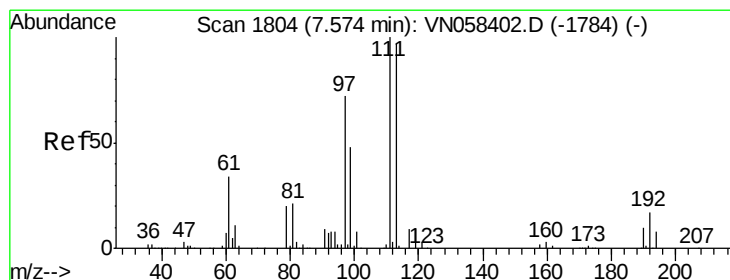
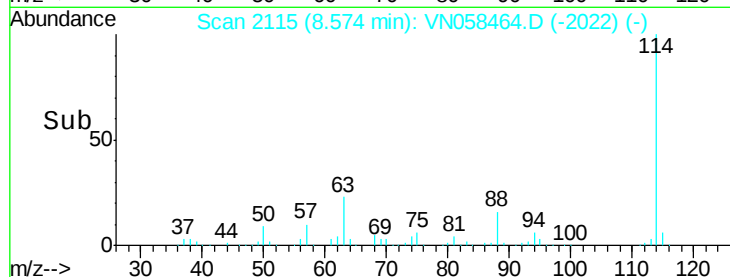
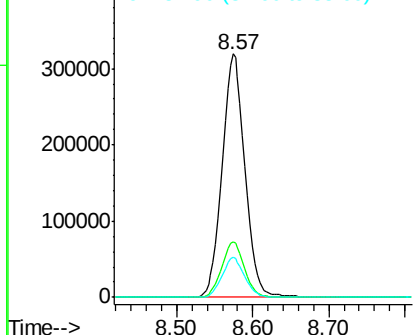
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:114 Resp: 665477
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.0
88 16.2 0.0 32.2

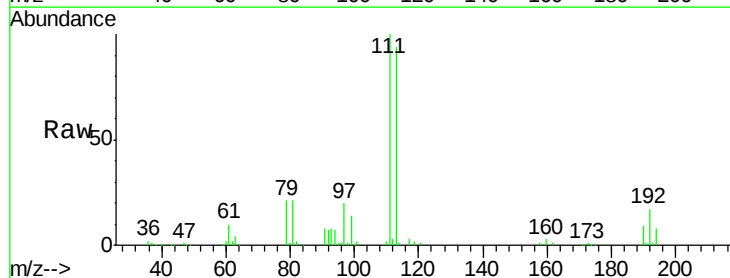


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

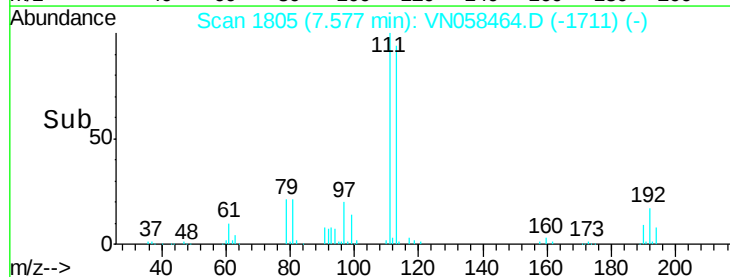
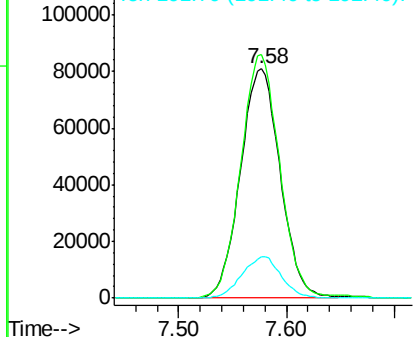


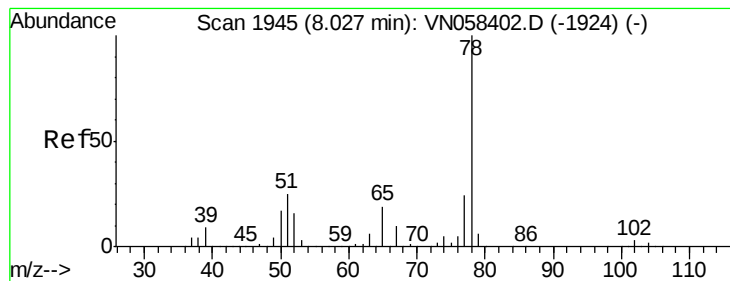
#35
Dibromofluoromethane
Concen: 50.945 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

Tgt Ion:113 Resp: 207785
Ion Ratio Lower Upper
113 100
111 103.3 83.4 125.2
192 17.9 14.9 22.3



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





#40

Benzene

Concen: 0.204 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

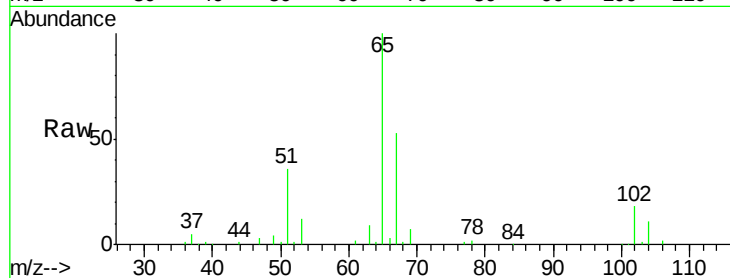
I.BLK

Tot Ion: 78 Resp: 3733

Ion Ratio Lower Upper

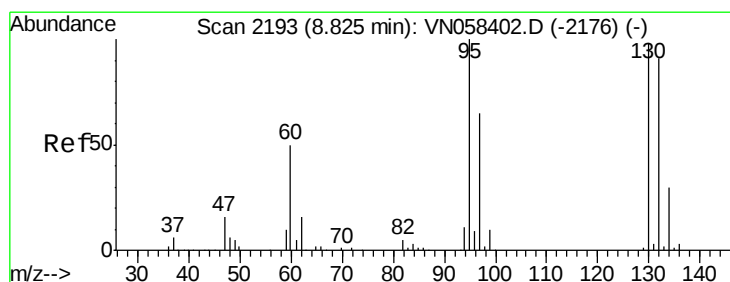
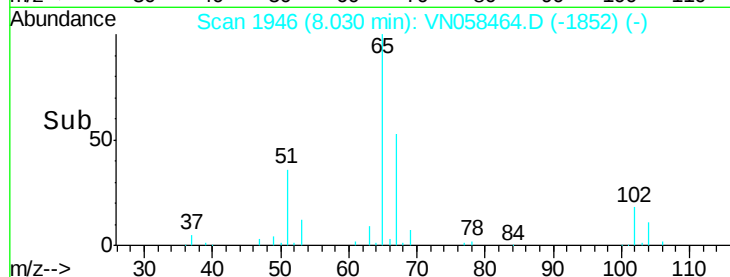
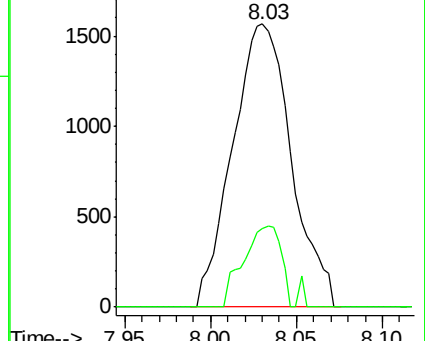
78 100

77 27.7 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#44

Trichloroethene

Concen: 5.175 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058464.D

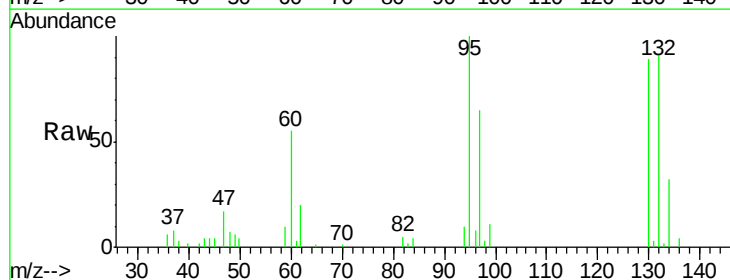
Acq: 1 Oct 2019 14:46

Tgt Ion:130 Resp: 23371

Ion Ratio Lower Upper

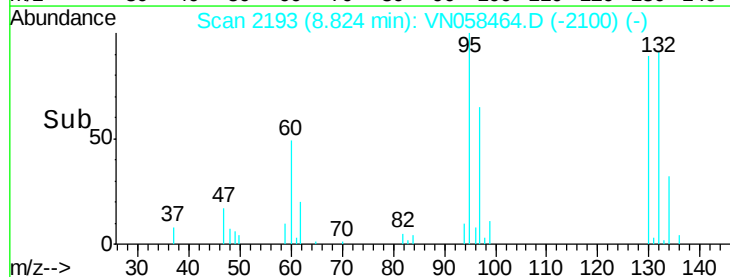
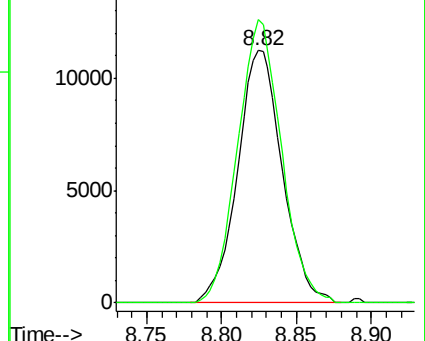
130 100

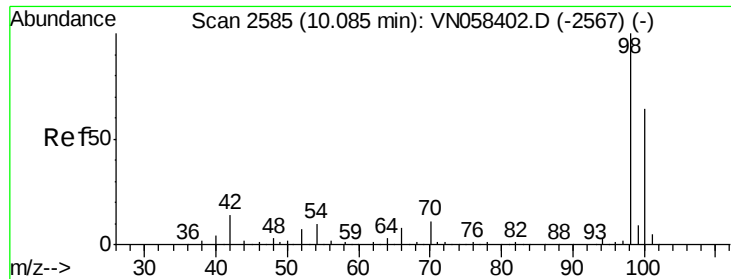
95 112.2 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 51.166 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058464.D

Acq: 1 Oct 2019 14:46

Instrument :

MSVOA_N

ClientSampled :

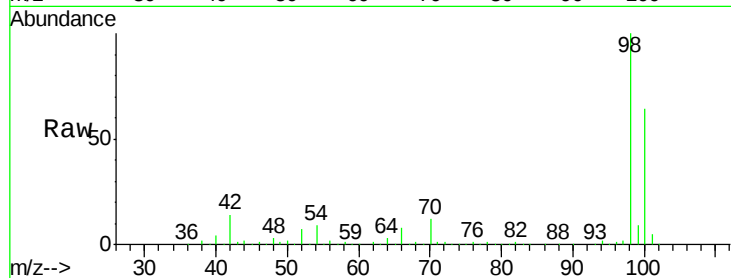
I.BLK

Tot Ion: 98 Resp: 817511

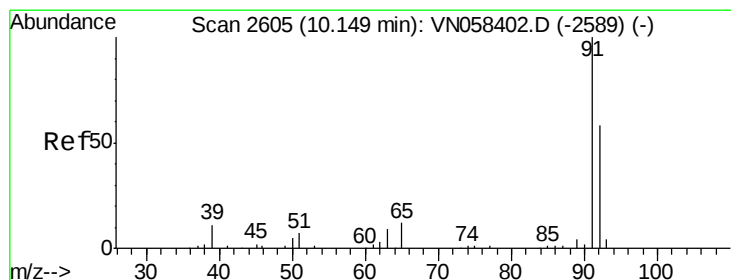
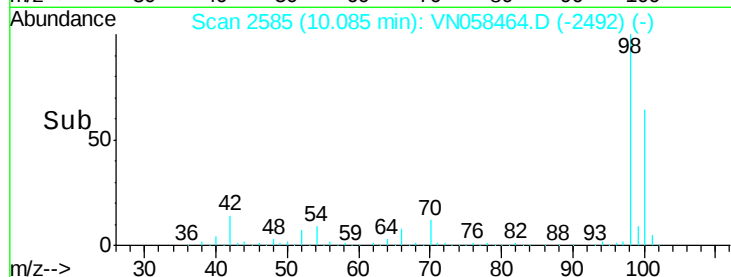
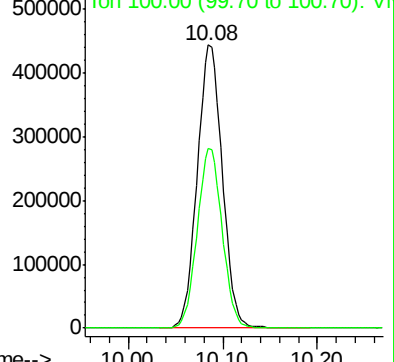
Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058464.D (-2492) (-)



#52

Toluene

Concen: 1.378 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058464.D

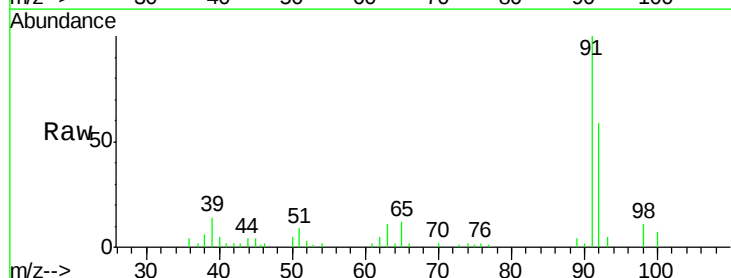
Acq: 1 Oct 2019 14:46

Tgt Ion: 92 Resp: 15865

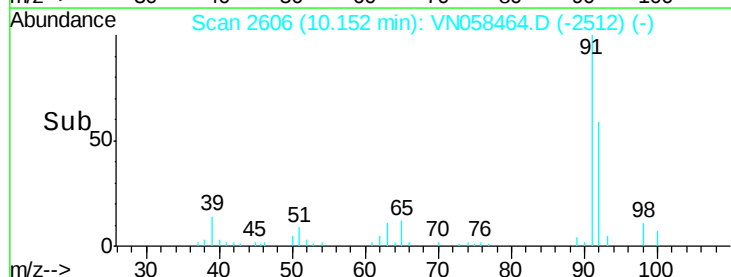
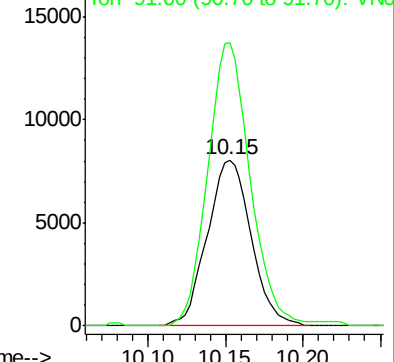
Ion Ratio Lower Upper

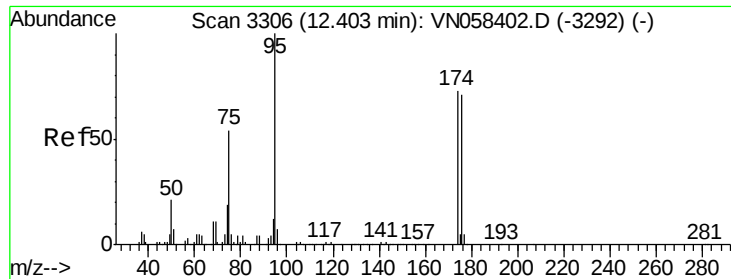
92 100

91 164.9 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN058464.D (-2512) (-)

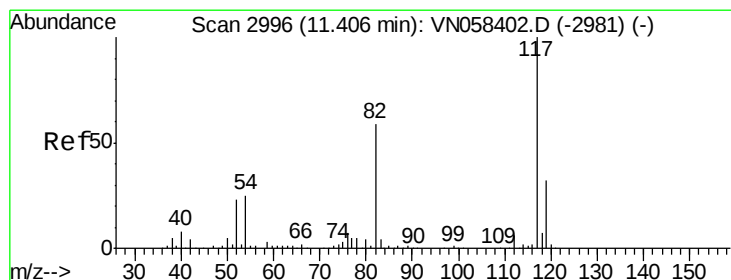
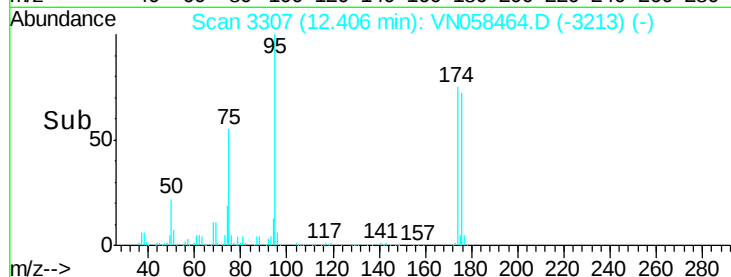
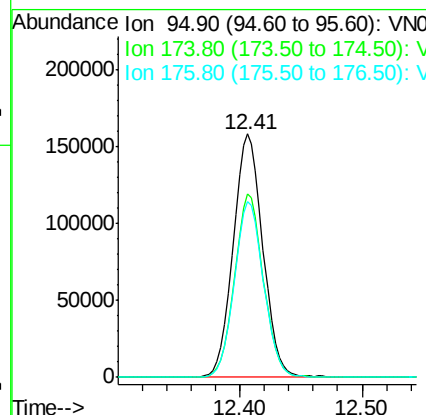
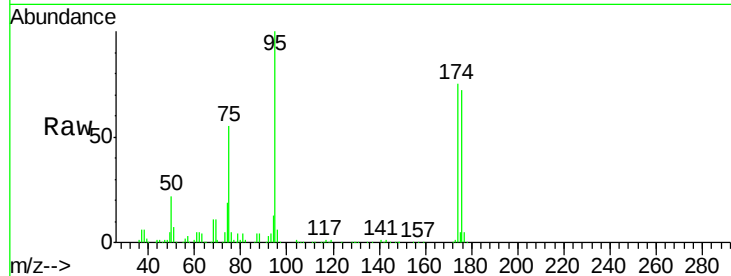




#62
4-Bromofluorobenzene
Concen: 46.387 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

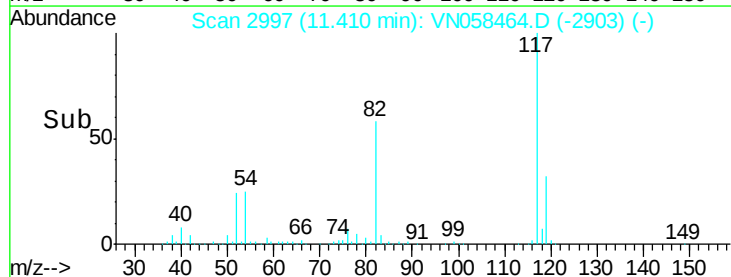
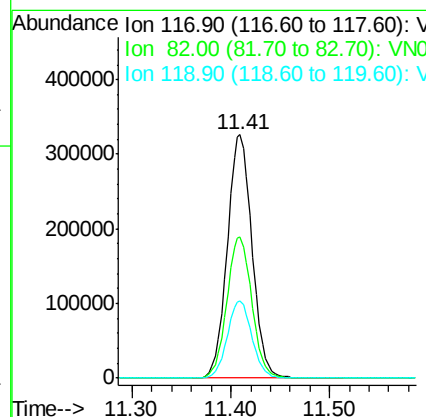
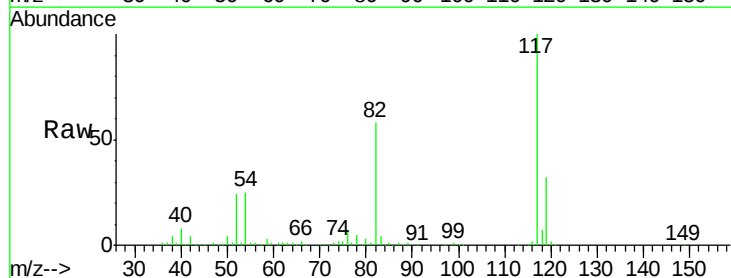
Instrument :
MSVOA_N
ClientSampleId :
I.BLK

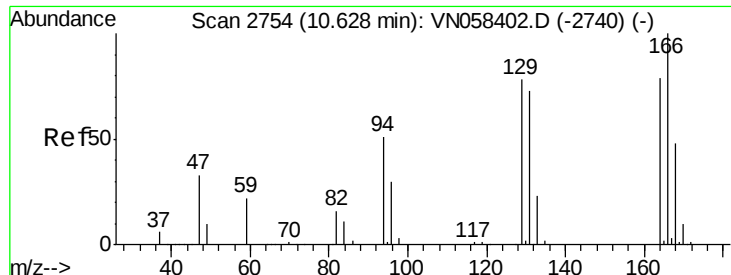
Tot Ion: 95 Resp: 267992
Ion Ratio Lower Upper
95 100
174 73.2 0.0 150.6
176 71.6 0.0 146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

Tgt Ion: 117 Resp: 573482
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.0
119 31.7 25.5 38.3

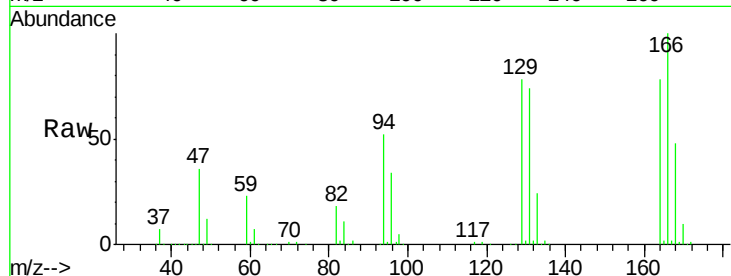




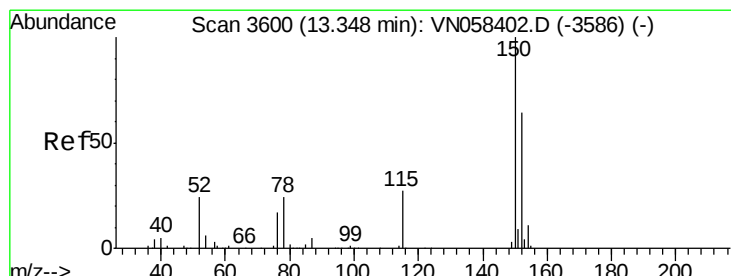
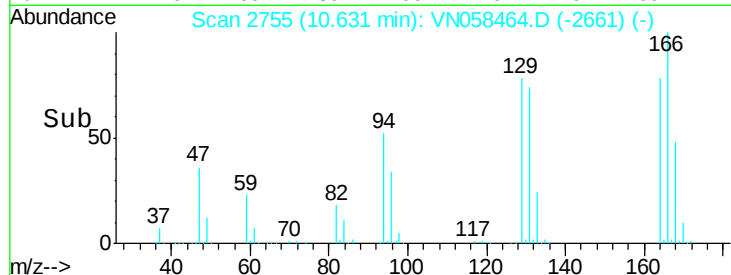
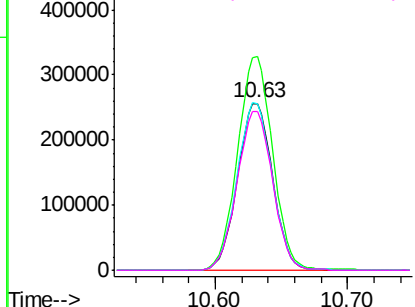
#64
Tetrachloroethene
Concen: 129.282 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:164 Resp: 471041
Ion Ratio Lower Upper
164 100
166 127.9 101.1 151.7
129 99.9 79.2 118.8
131 95.2 74.1 111.1

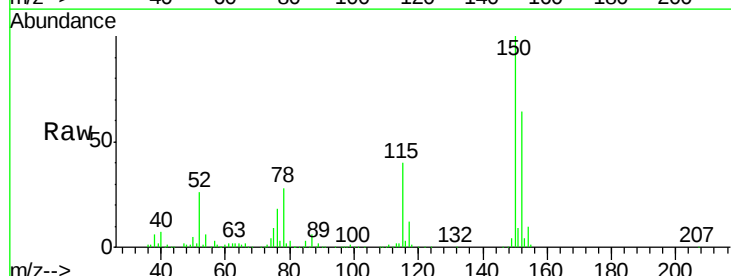


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

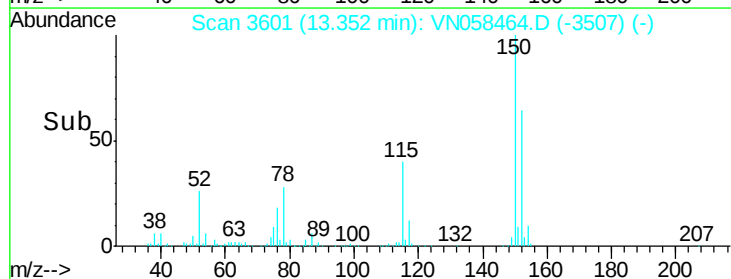
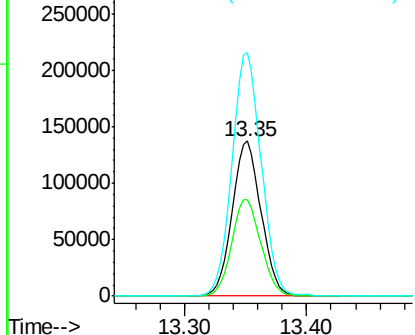


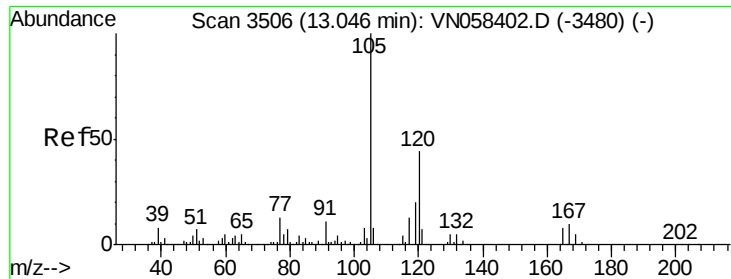
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058464.D
Acq: 1 Oct 2019 14:46

Tgt Ion:152 Resp: 225763
Ion Ratio Lower Upper
152 100
115 63.0 30.0 90.0
150 158.9 0.0 348.2



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





#84
 1,2,4-Trimethylbenzene
 Concen: 0.702 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN058464.D
 Acq: 1 Oct 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion:105 Resp: 9821
 Ion Ratio Lower Upper
 105 100
 120 37.6 21.7 65.1

