

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058666.D
 Acq On : 10 Oct 2019 1:03
 Operator : JC/SP
 Sample : K5261-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0555

Quant Time: Oct 10 05:58:25 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

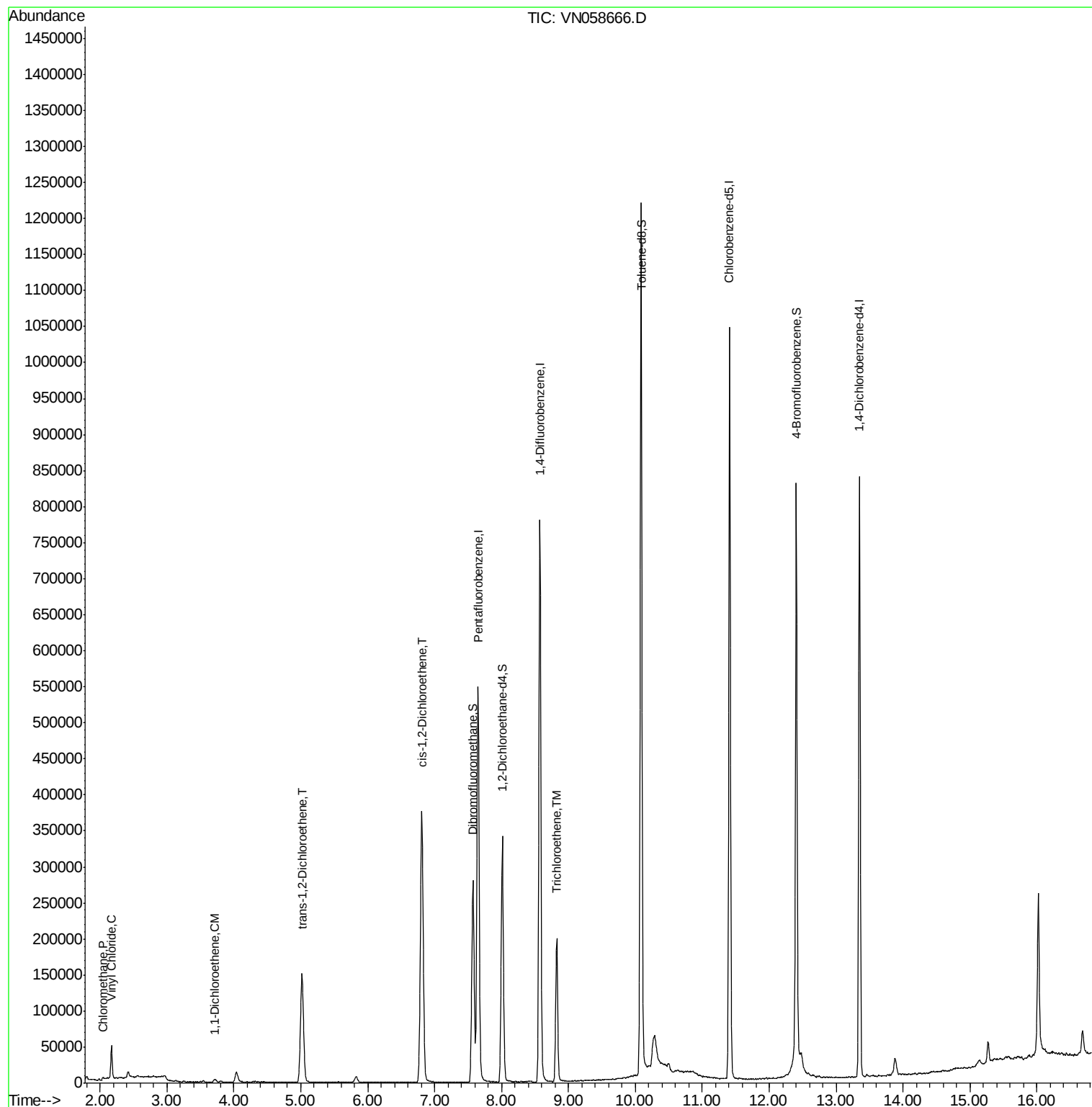
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	444097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	694980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	586877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	214701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	302669	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	7.57	113	214985	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.09	98	845086	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	264080	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	
Target Compounds						
3) Chloromethane	2.04	50	2864	0.535	ug/l	92
4) Vinyl Chloride	2.17	62	41485	7.911	ug/l	97
12) 1,1-Dichloroethene	3.72	96	2327	0.555	ug/l #	73
21) trans-1,2-Dichloroethene	5.01	96	96732	20.764	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	243208	44.667	ug/l	88
44) Trichloroethene	8.82	130	71241	15.104	ug/l	99

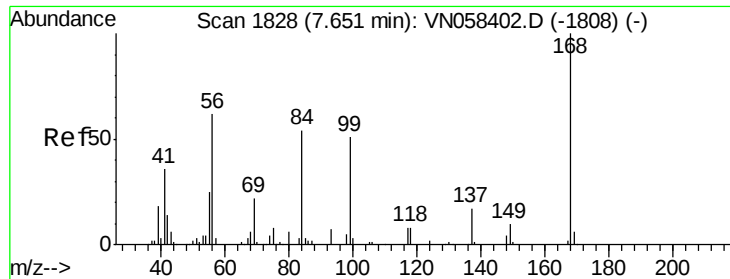
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101019\
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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: VN058666.D

Acq: 10 Oct 2019 1:03

Instrument :

MSVOA_N

ClientSampleId :

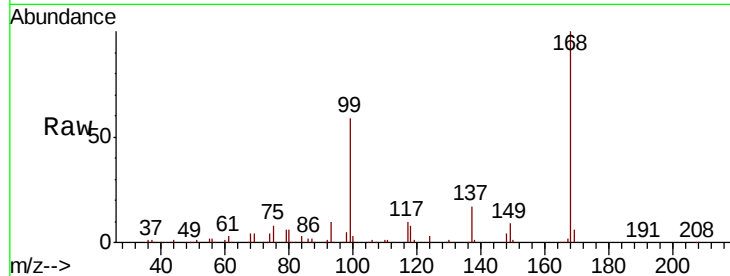
S49-0555

Tot Ion:168 Resp: 444097

Ion Ratio Lower Upper

168 100

99 58.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

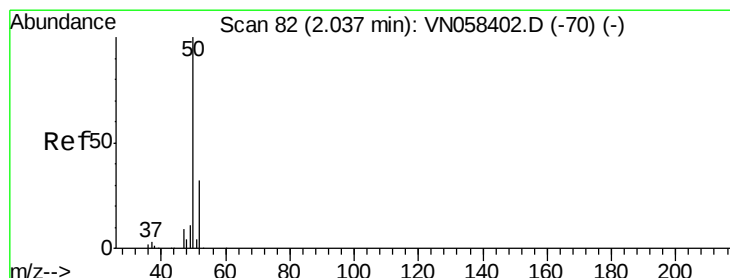
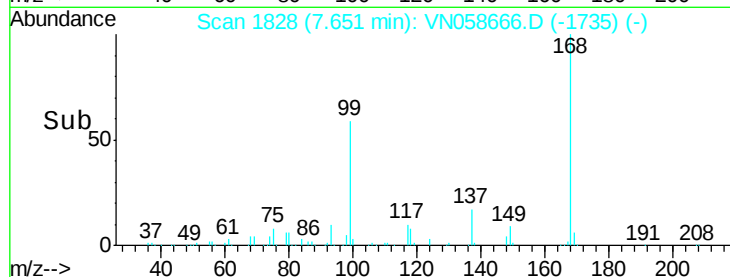
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.535 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN058666.D

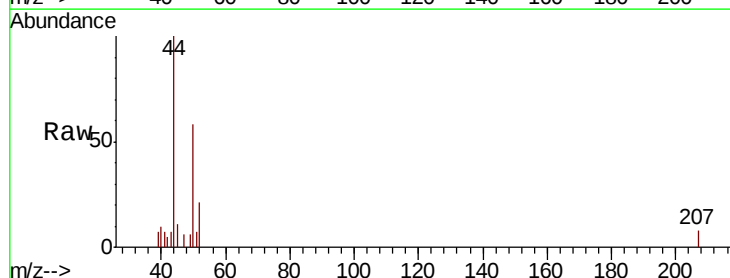
Acq: 10 Oct 2019 1:03

Tgt Ion: 50 Resp: 2864

Ion Ratio Lower Upper

50 100

52 37.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

2000

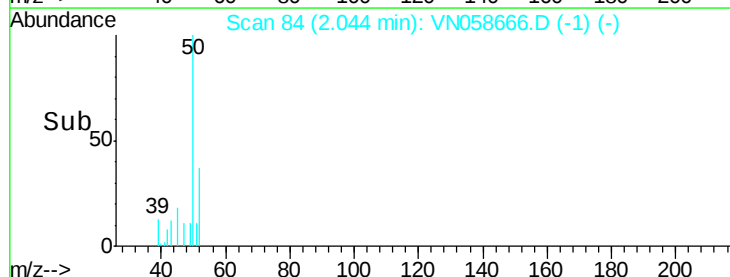
1500

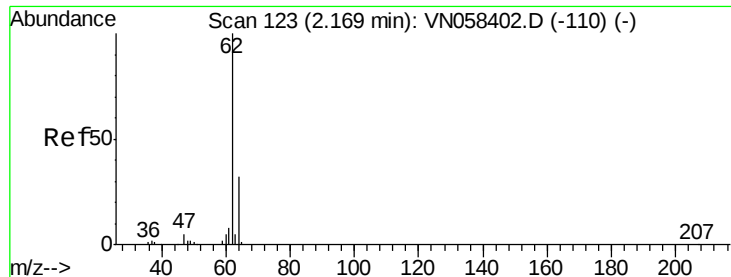
1000

500

0

Time--> 2.00 2.05 2.10





#4

Vinyl Chloride

Concen: 7.911 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN058666.D

Acq: 10 Oct 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

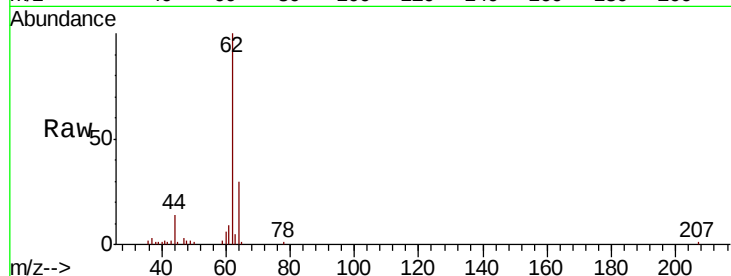
S49-0555

Tot Ion: 62 Resp: 41485

Ion Ratio Lower Upper

62 100

64 30.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.17

30000

25000

20000

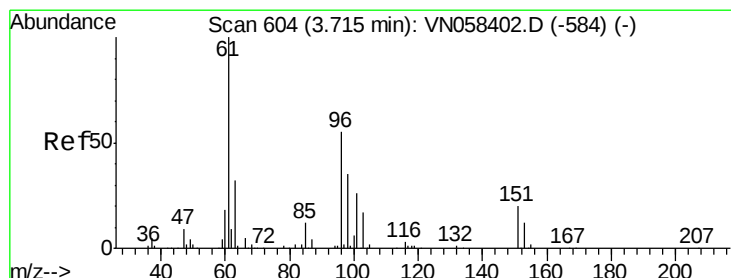
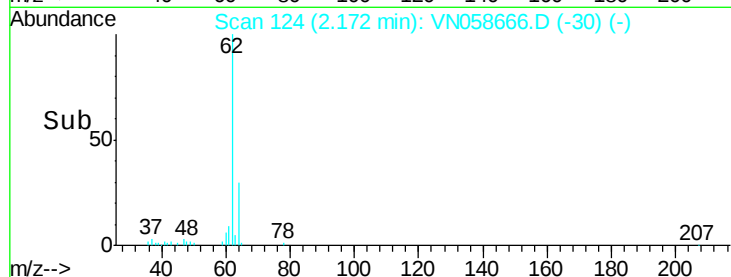
15000

10000

5000

0

Time--> 2.10 2.15 2.20 2.25



#12

1,1-Dichloroethene

Concen: 0.555 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN058666.D

Acq: 10 Oct 2019 1:03

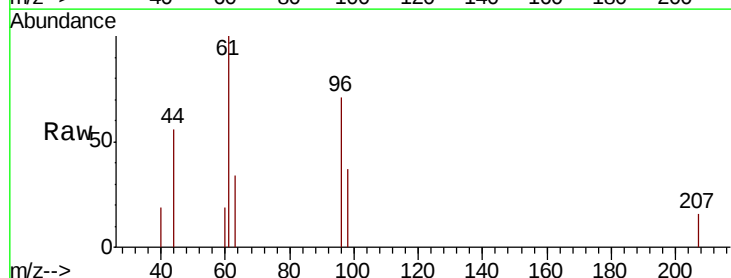
Tgt Ion: 96 Resp: 2327

Ion Ratio Lower Upper

96 100

61 140.0 146.7 220.1#

98 51.4 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

2000

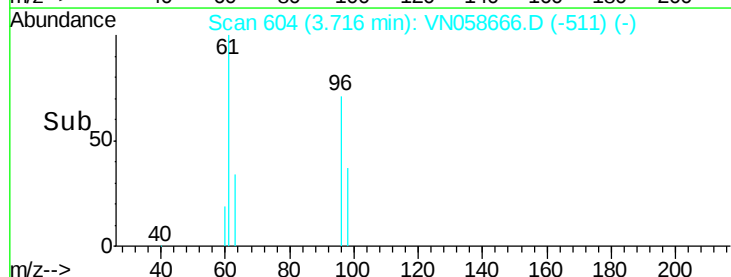
1500

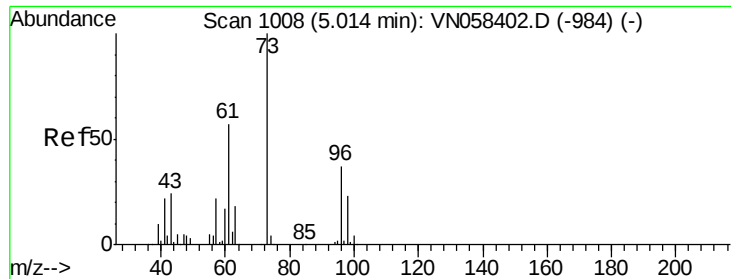
1000

500

0

Time--> 3.65 3.70 3.75





#21

trans-1,2-Dichloroethene

Concen: 20.764 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN058666.D

Acq: 10 Oct 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

S49-0555

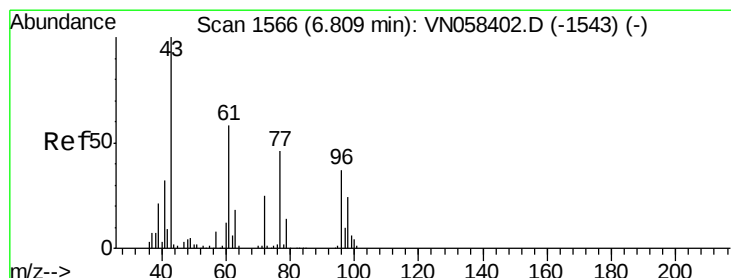
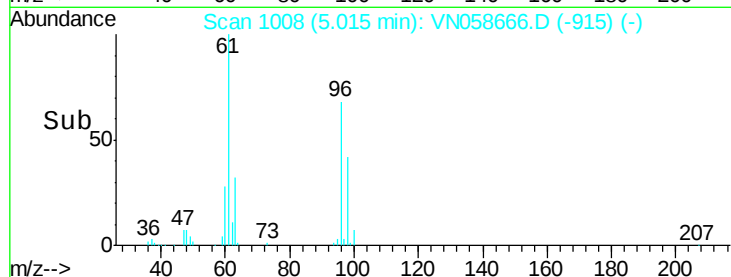
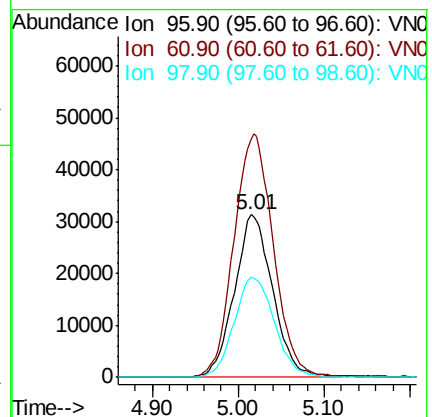
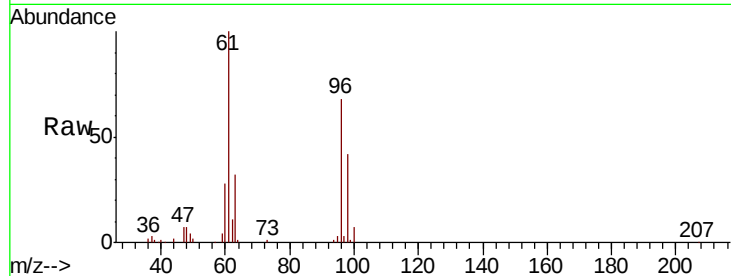
Tot Ion: 96 Resp: 96732

Ion Ratio Lower Upper

96 100

61 146.4 121.9 182.9

98 61.3 49.3 73.9



#27

cis-1,2-Dichloroethene

Concen: 44.667 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058666.D

Acq: 10 Oct 2019 1:03

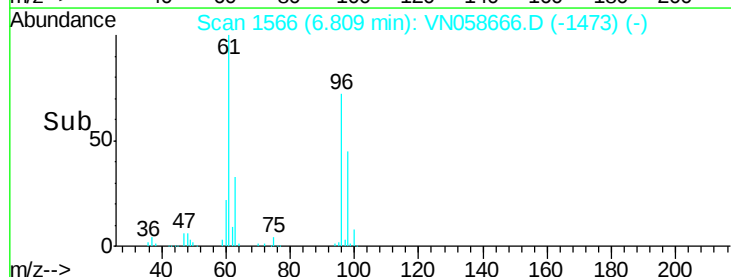
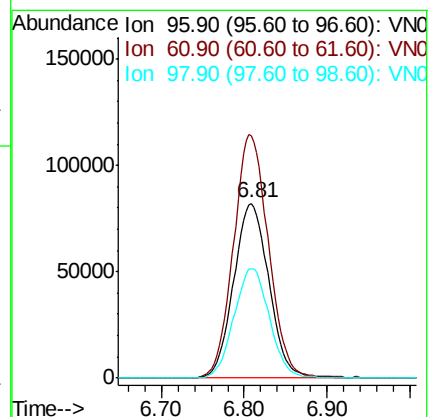
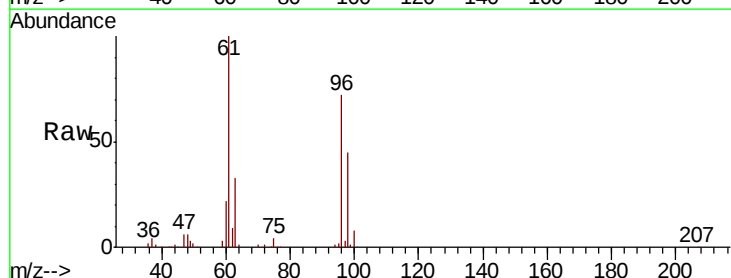
Tgt Ion: 96 Resp: 243208

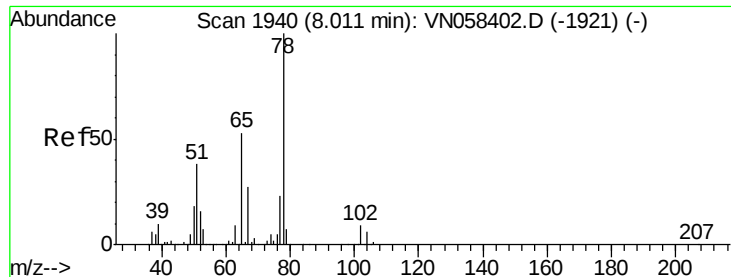
Ion Ratio Lower Upper

96 100

61 138.3 0.0 318.8

98 63.3 0.0 129.8

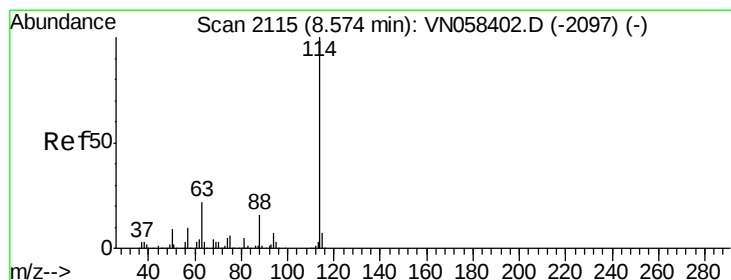
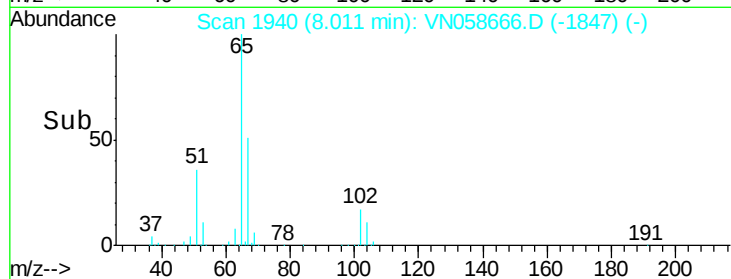
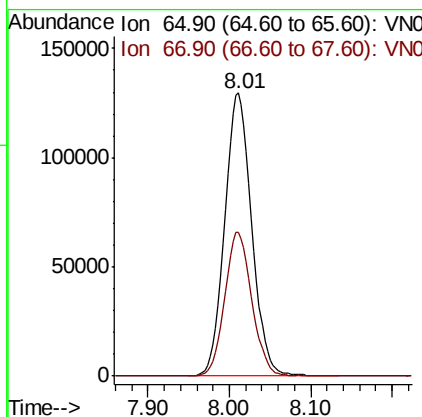
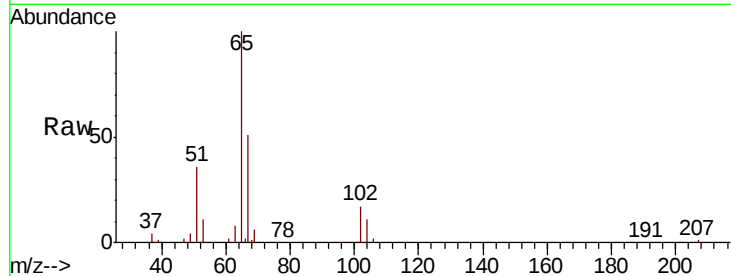




#33
 1,2-Dichloroethane-d4
 Concen: 46.638 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058666.D
 Acq: 10 Oct 2019 1:03

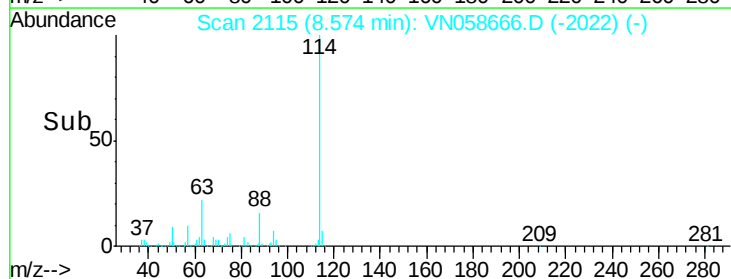
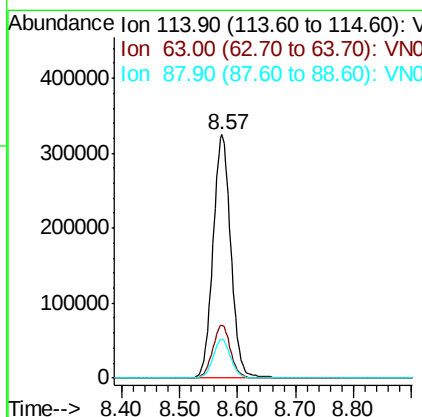
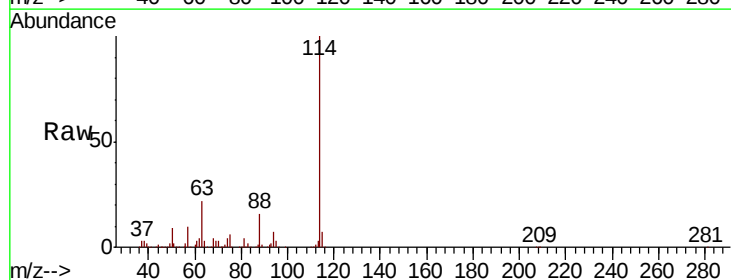
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0555

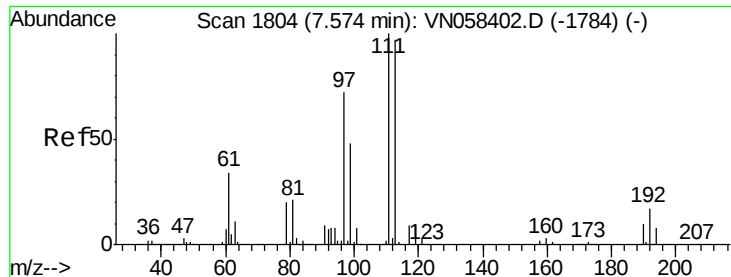
Tot Ion: 65 Resp: 302669
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058666.D
 Acq: 10 Oct 2019 1:03

Tgt Ion: 114 Resp: 694980
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 16.2 0.0 32.2

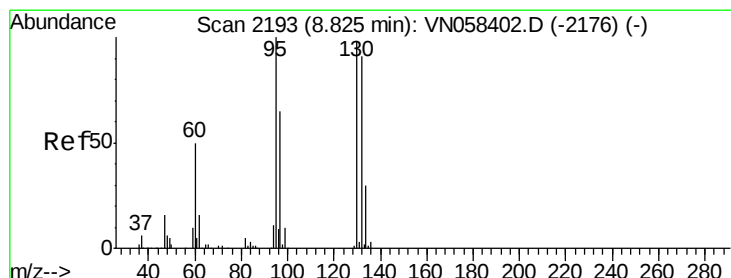
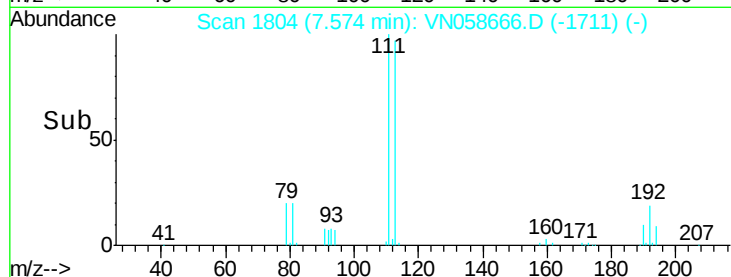
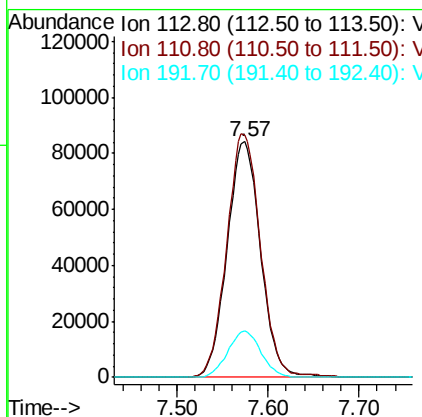
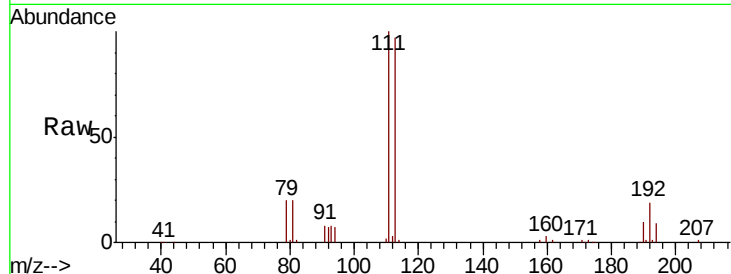




#35
 Dibromofluoromethane
 Concen: 50.472 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058666.D
 Acq: 10 Oct 2019 1:03

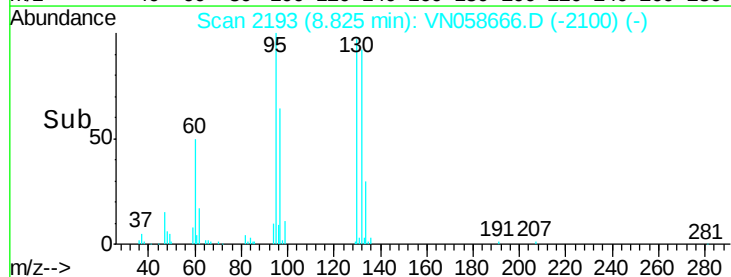
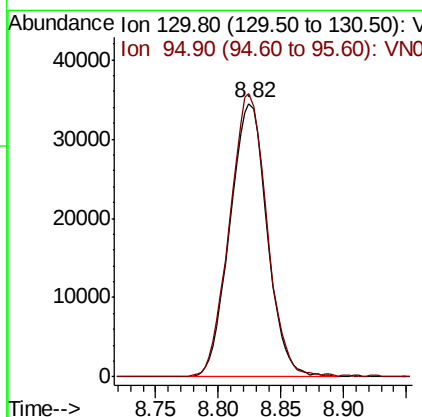
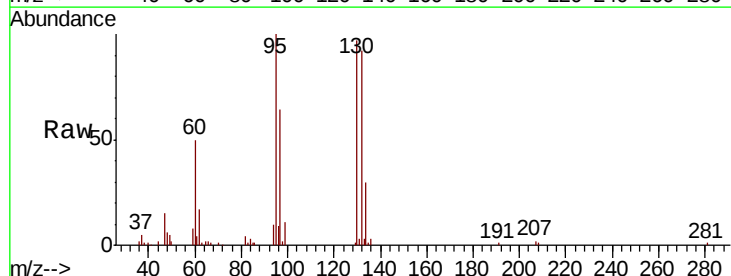
Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0555

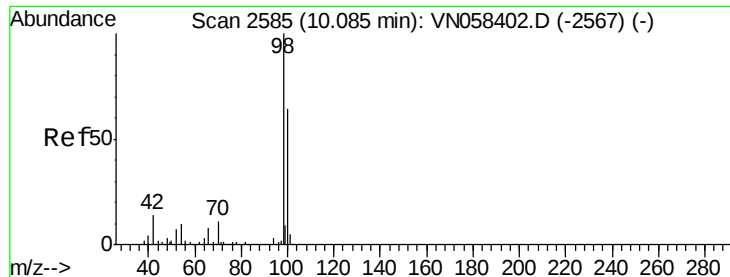
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.2
192	19.7	14.9	22.3



#44
 Trichloroethene
 Concen: 15.104 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN058666.D
 Acq: 10 Oct 2019 1:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	204.2





#50

Toluene-d8

Concen: 50.646 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058666.D

Acq: 10 Oct 2019 1:03

Instrument :

MSVOA_N

ClientSampled :

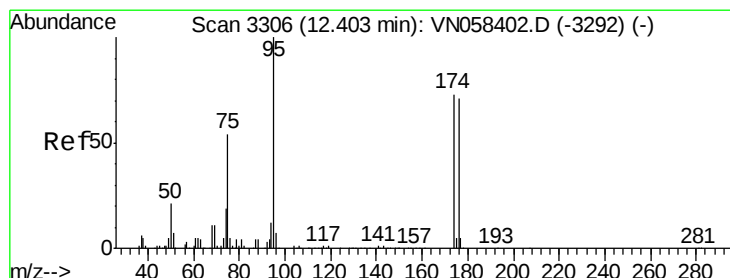
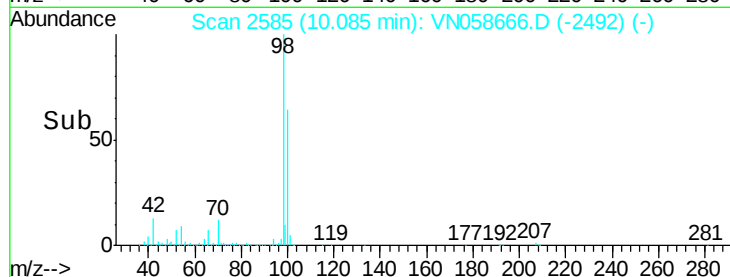
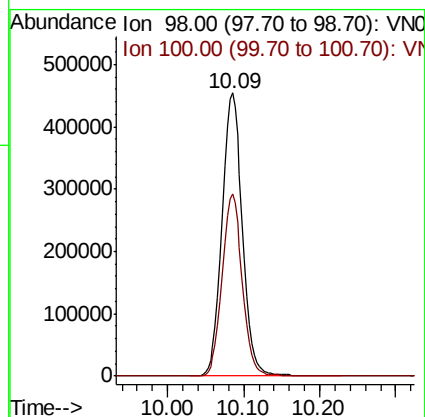
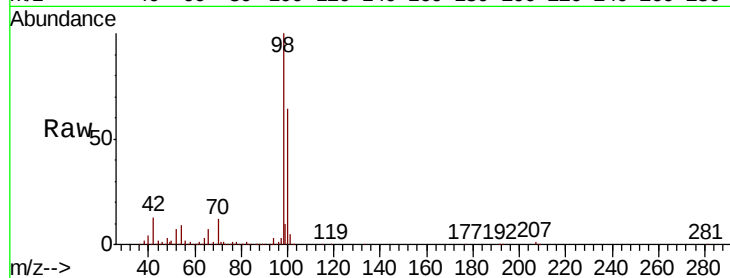
S49-0555

Tot Ion: 98 Resp: 845086

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 43.770 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058666.D

Acq: 10 Oct 2019 1:03

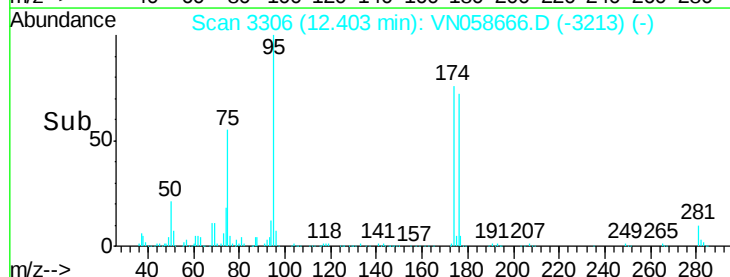
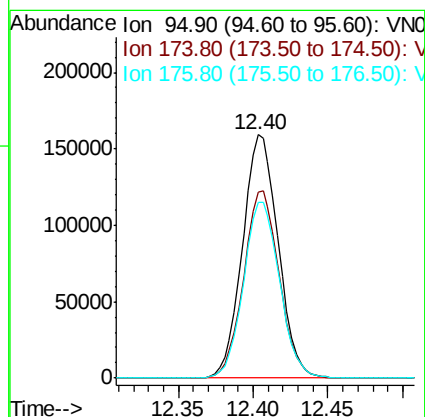
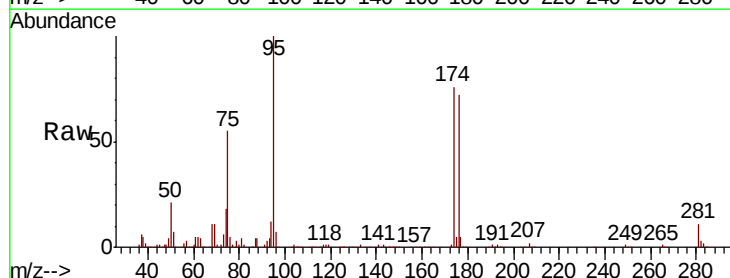
Tgt Ion: 95 Resp: 264080

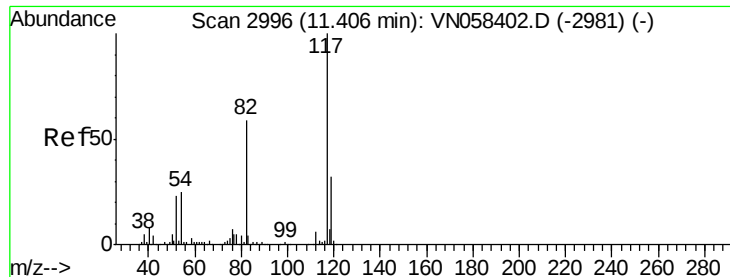
Ion Ratio Lower Upper

95 100

174 76.9 0.0 150.6

176 73.2 0.0 146.2

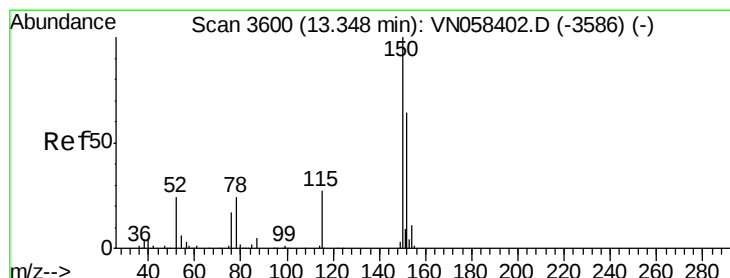
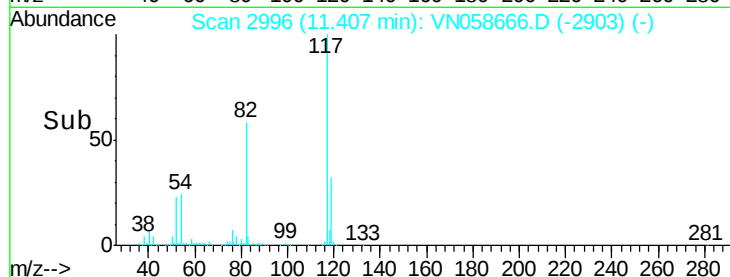
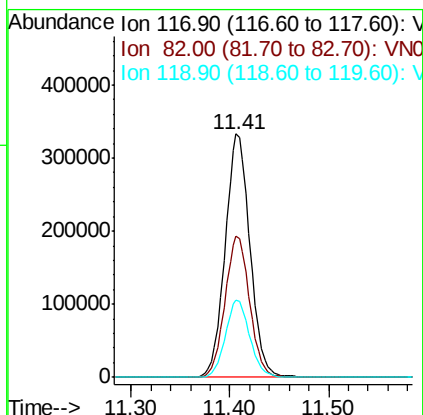
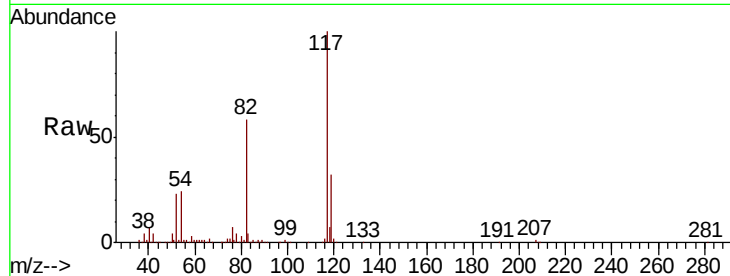




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Instrument :
MSVOA_N
ClientSampled :
S49-0555

Tot Ion:117 Resp: 586877
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058666.D
Acq: 10 Oct 2019 1:03

Tgt Ion:152 Resp: 214701
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 156.4 0.0 348.2

