

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058936.D
 Acq On : 23 Oct 2019 17:36
 Operator : JC/SP
 Sample : K5508-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0665

Quant Time: Oct 24 02:27:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

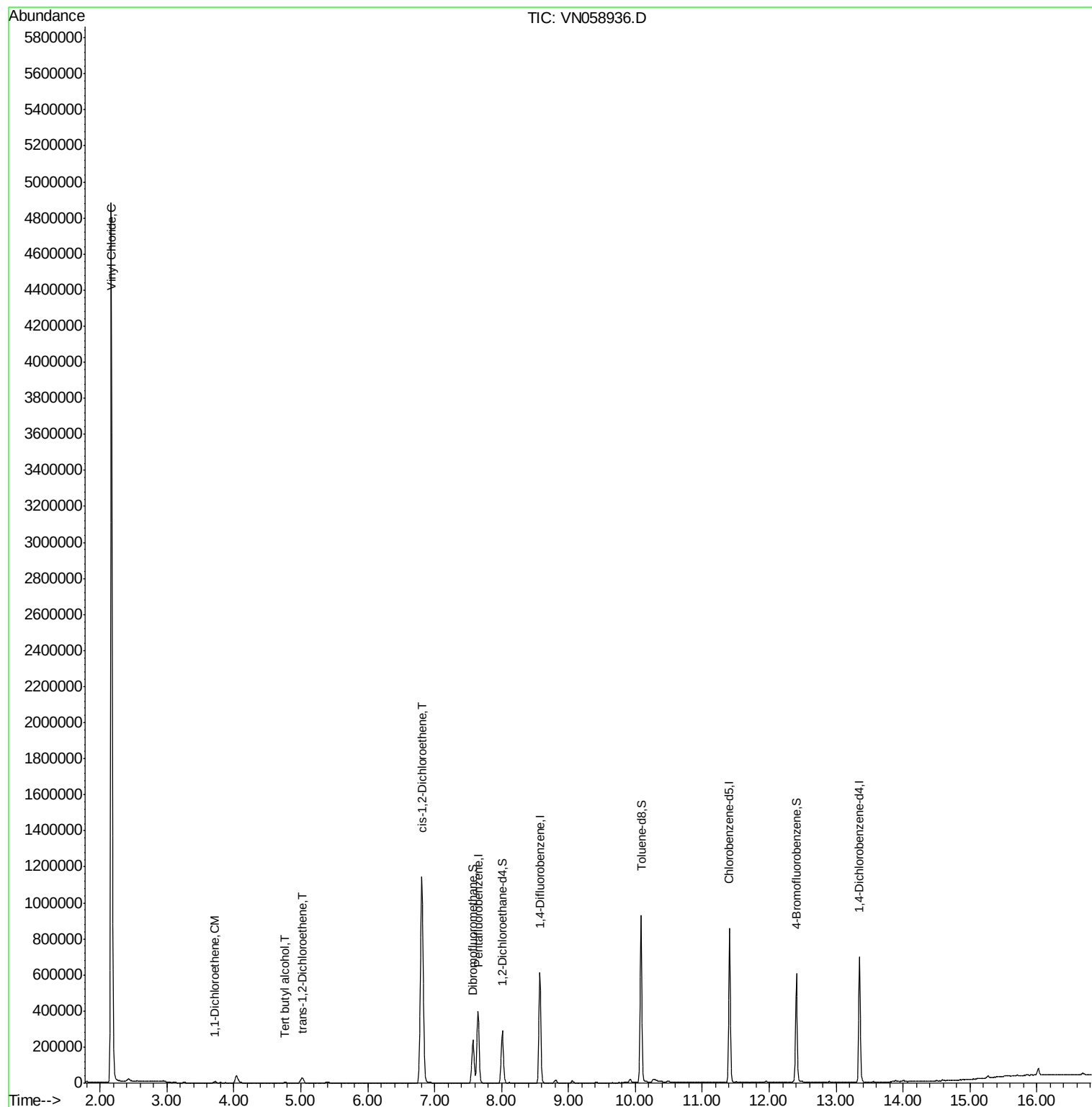
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	310559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	518456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	468271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	178561	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	251837	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
35) Dibromofluoromethane	7.57	113	177648	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	10.09	98	632253	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.40	95	208772	42.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.92%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.17	62	4524196	950.150	ug/l #	69
11) Tert butyl alcohol	4.75	59	4946	6.544	ug/l #	80
12) 1,1-Dichloroethene	3.72	96	3546	1.158	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	17929	5.303	ug/l	92
27) cis-1,2-Dichloroethene	6.81	96	727323	188.312	ug/l	89

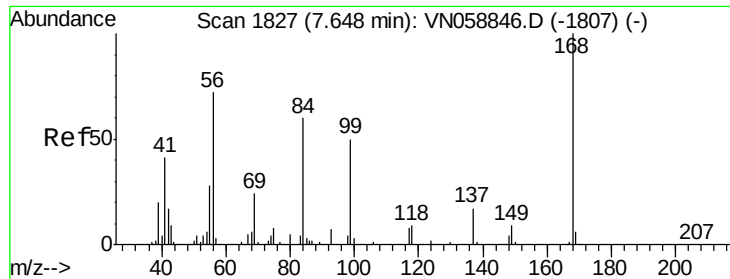
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102419\
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Quant Time: Oct 24 02:27:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 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: VN058936.D

Acq: 23 Oct 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

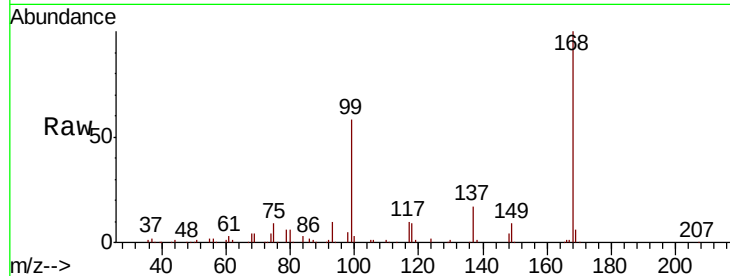
S32-0665

Tot Ion:168 Resp: 310559

Ion Ratio Lower Upper

168 100

99 58.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

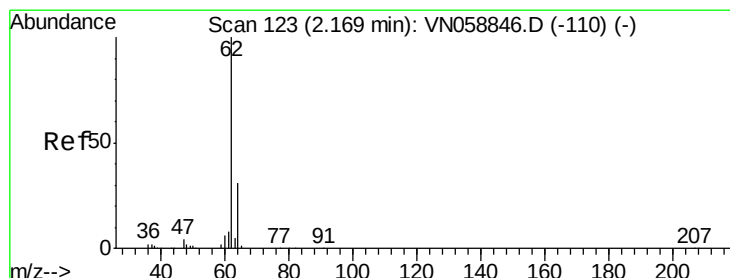
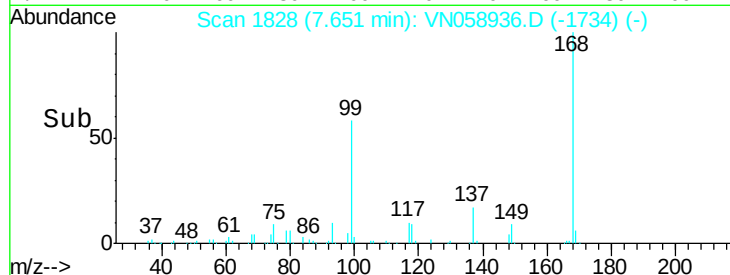
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 950.150 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058936.D

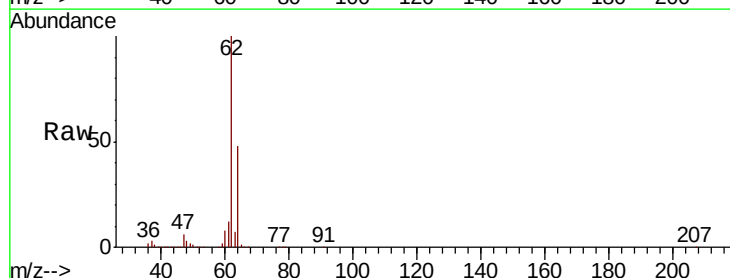
Acq: 23 Oct 2019 17:36

Tgt Ion: 62 Resp: 4524196

Ion Ratio Lower Upper

62 100

64 47.9 24.6 36.8#



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.17

2500000

2000000

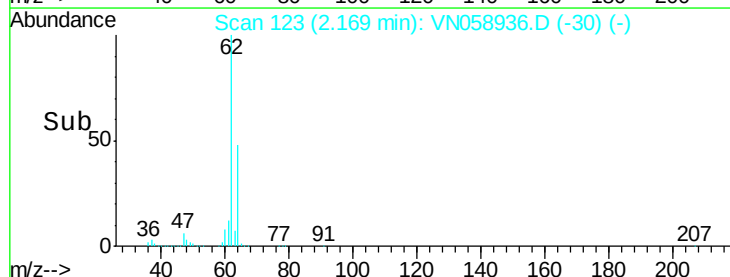
1500000

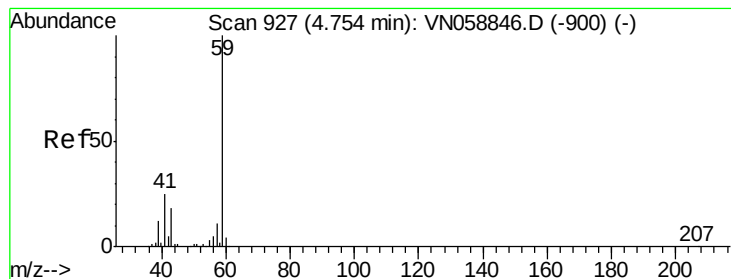
1000000

500000

0

Time-->





#11

Tert butyl alcohol

Concen: 6.544 ug/l

RT: 4.75 min Scan# 927

Delta R.T. 0.00 min

Lab File: VN058936.D

Acq: 23 Oct 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

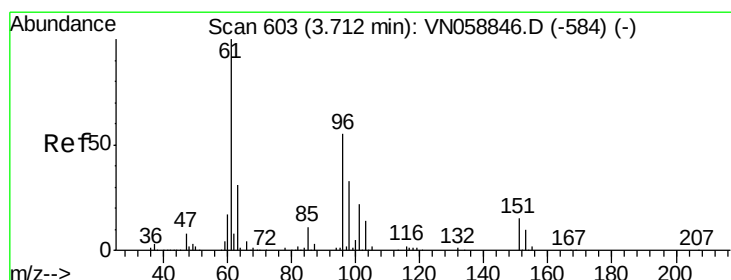
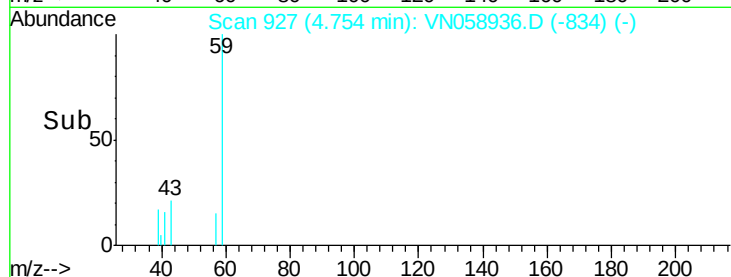
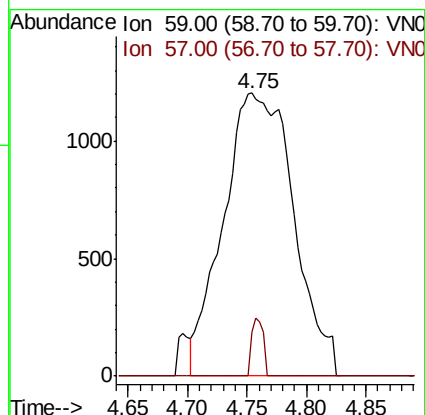
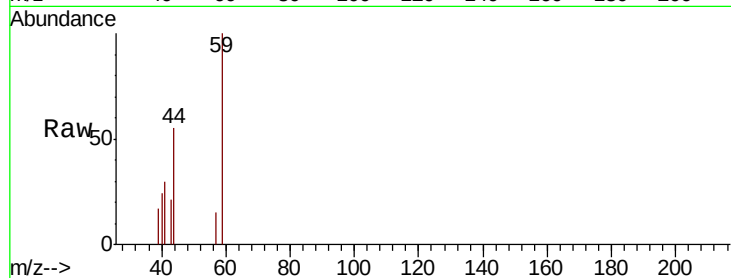
S32-0665

Tot Ion: 59 Resp: 4946

Ion Ratio Lower Upper

59 100

57 3.3 8.6 12.8#



#12

1,1-Dichloroethene

Concen: 1.158 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.01 min

Lab File: VN058936.D

Acq: 23 Oct 2019 17:36

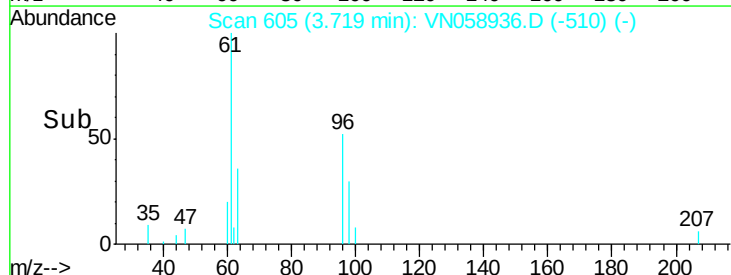
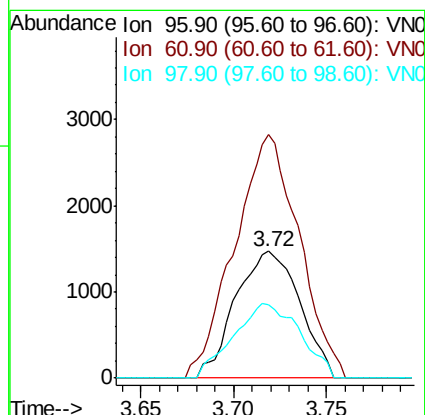
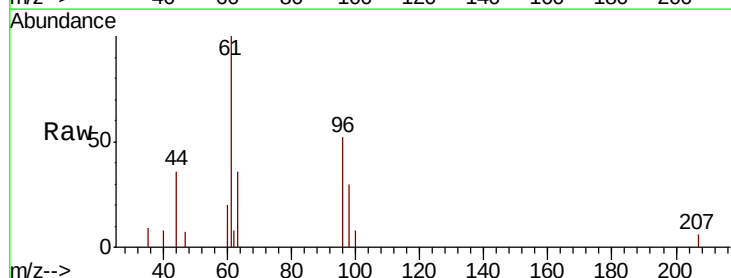
Tgt Ion: 96 Resp: 3546

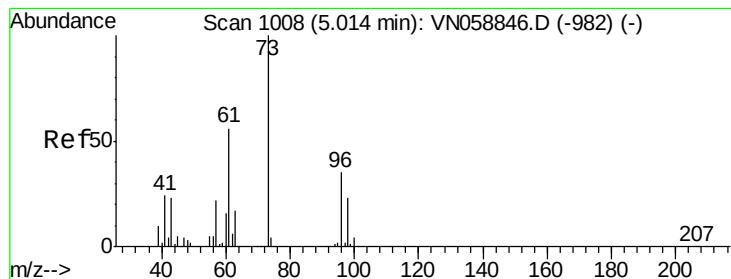
Ion Ratio Lower Upper

96 100

61 181.7 146.2 219.2

98 58.2 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 5.303 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN058936.D

Acq: 23 Oct 2019 17:36

Instrument :

MSVOA_N

ClientSampled :

S32-0665

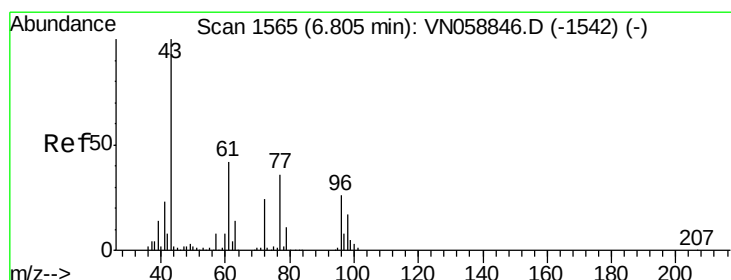
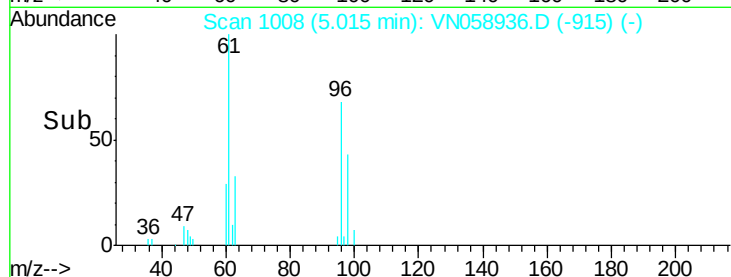
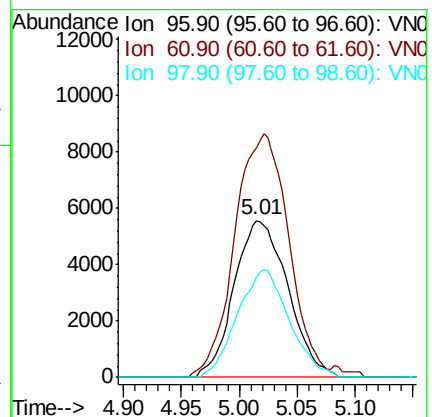
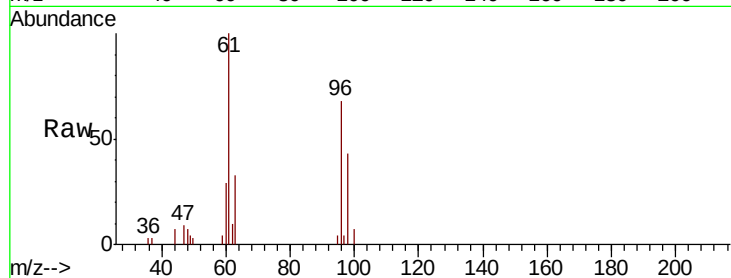
Tot Ion: 96 Resp: 17929

Ion Ratio Lower Upper

96 100

61 143.8 126.7 190.1

98 63.6 52.0 78.0



#27

cis-1,2-Dichloroethene

Concen: 188.312 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058936.D

Acq: 23 Oct 2019 17:36

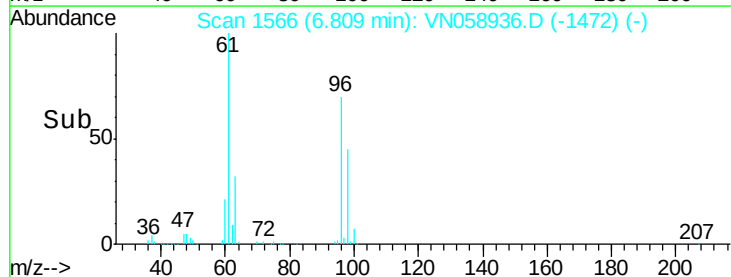
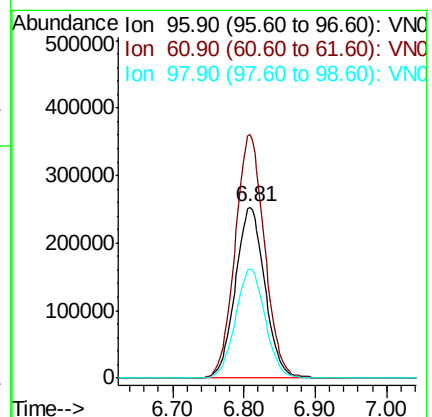
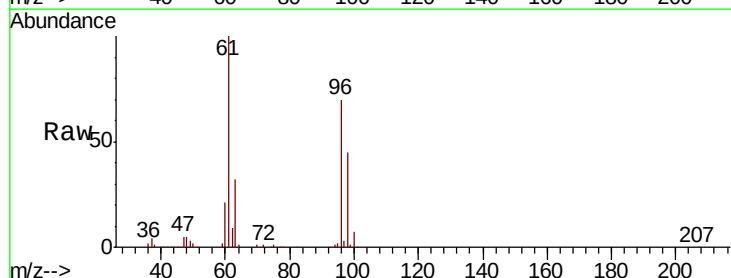
Tgt Ion: 96 Resp: 727323

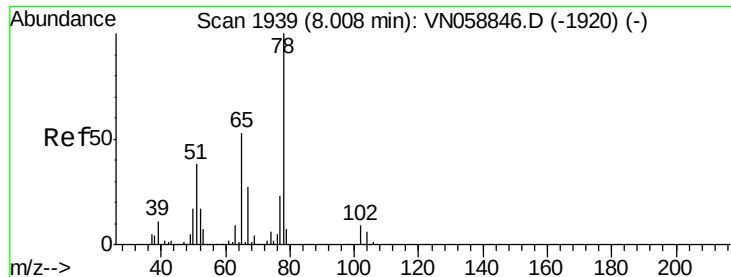
Ion Ratio Lower Upper

96 100

61 142.6 0.0 325.0

98 64.4 0.0 128.0

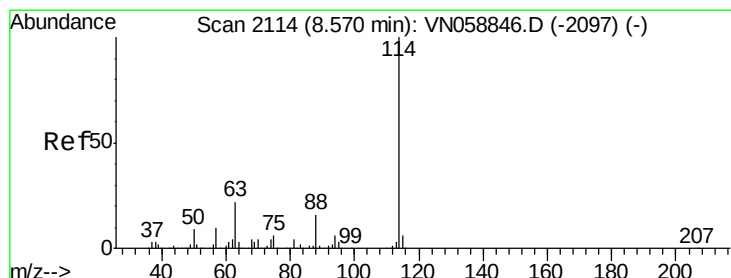
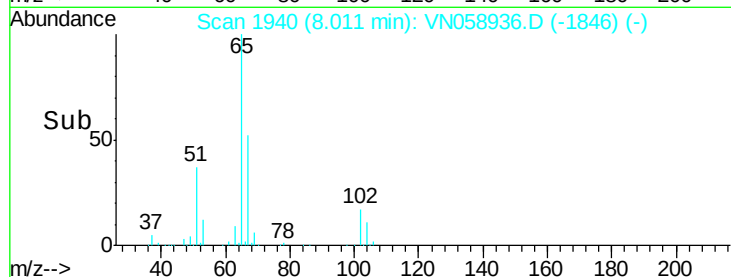
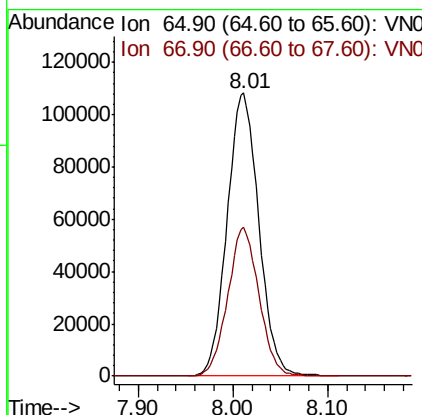
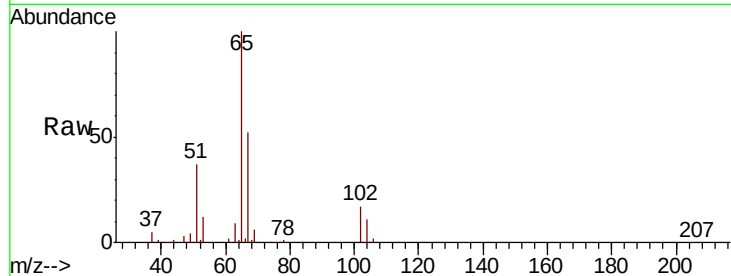




#33
 1,2-Dichloroethane-d4
 Concen: 55.290 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058936.D
 Acq: 23 Oct 2019 17:36

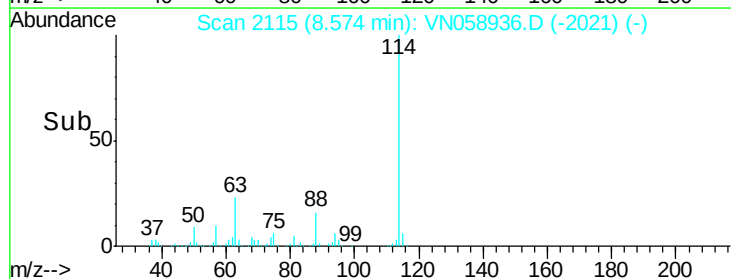
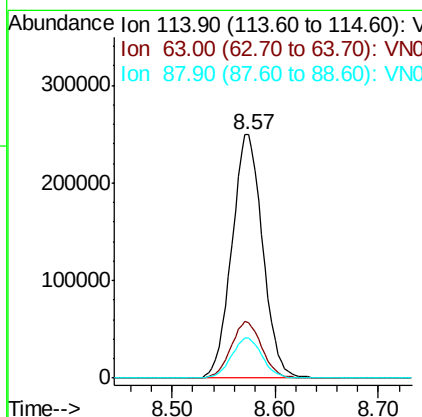
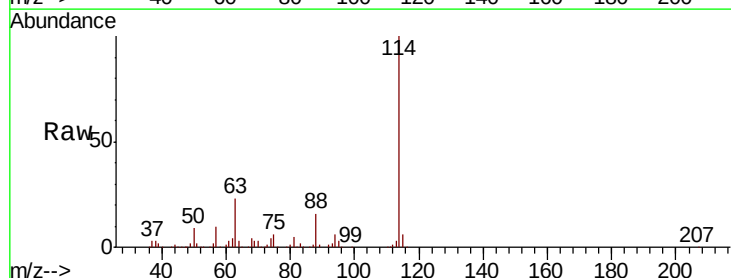
Instrument :
 MSVOA_N
 ClientSampled :
 S32-0665

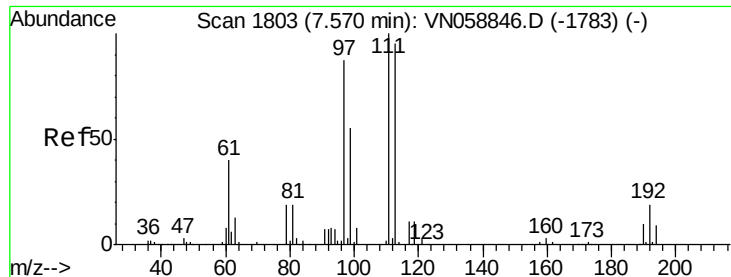
Tot Ion: 65 Resp: 251837
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058936.D
 Acq: 23 Oct 2019 17:36

Tgt Ion: 114 Resp: 518456
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.4
 88 16.4 0.0 31.4

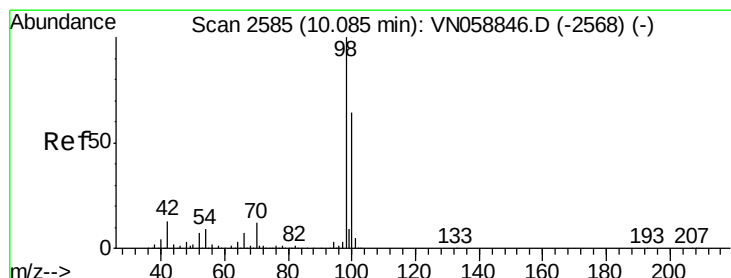
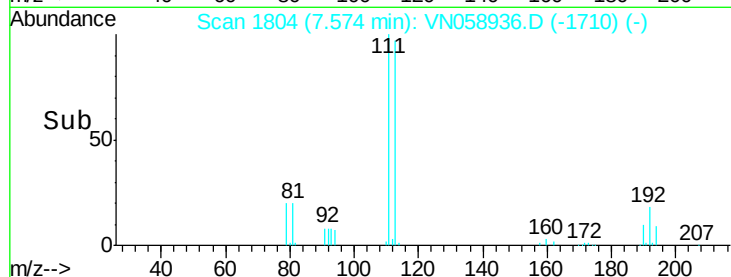
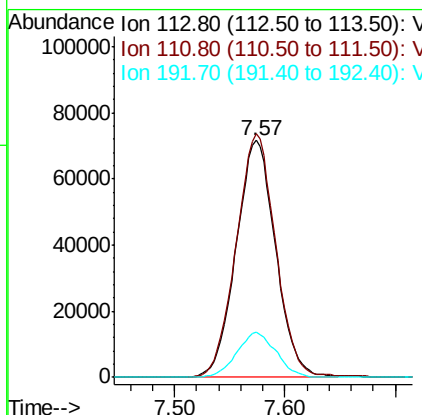
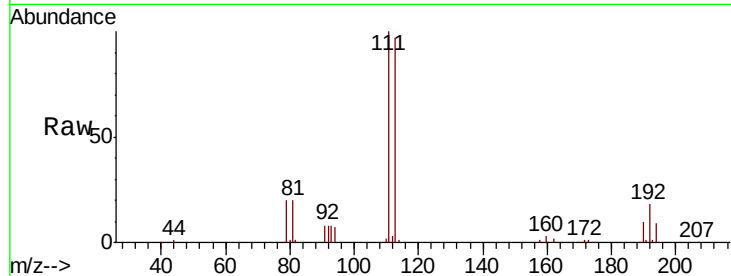




#35
 Dibromofluoromethane
 Concen: 52.116 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058936.D
 Acq: 23 Oct 2019 17:36

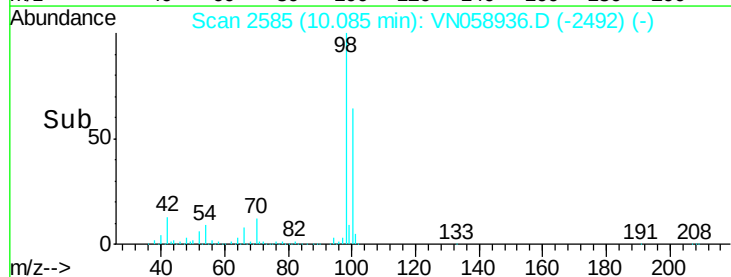
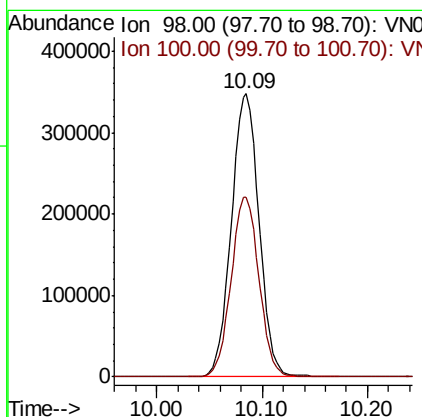
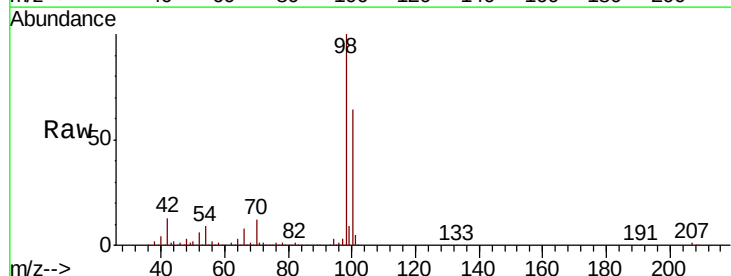
Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0665

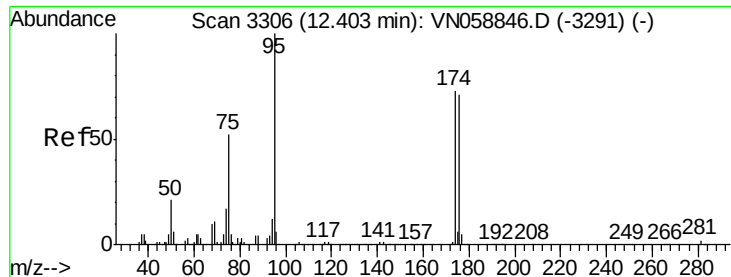
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	18.9	15.0	22.6



#50
 Toluene-d8
 Concen: 47.782 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058936.D
 Acq: 23 Oct 2019 17:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.2





#62

4-Bromofluorobenzene

Concen: 42.964 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058936.D

Acq: 23 Oct 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

S32-0665

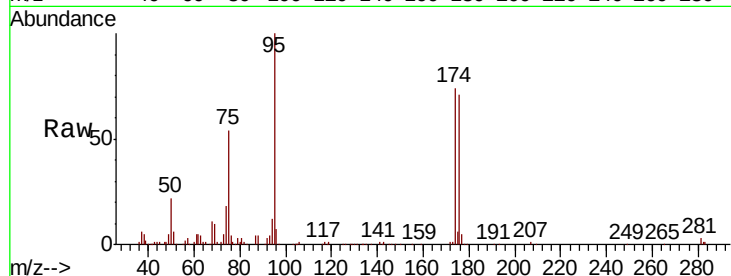
Tot Ion: 95 Resp: 208772

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.6

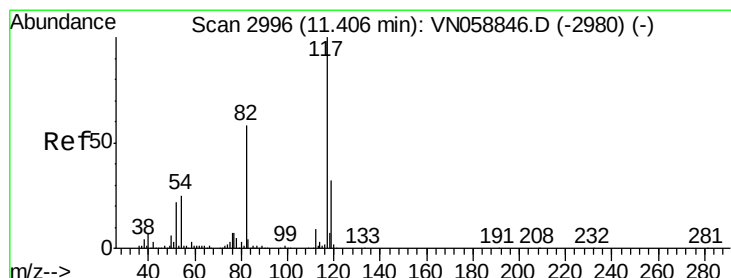
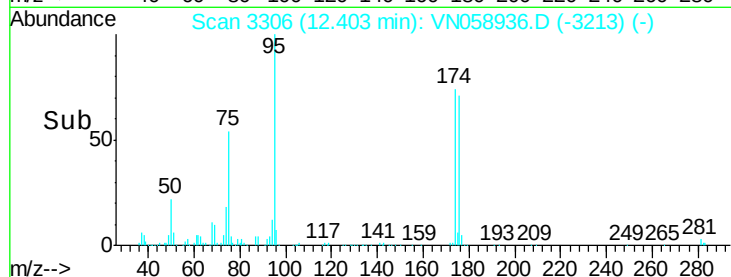
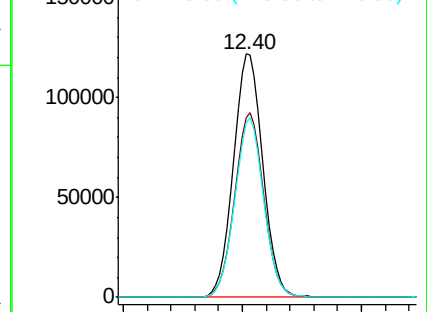
176 72.1 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058936.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058936.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058936.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058936.D

Acq: 23 Oct 2019 17:36

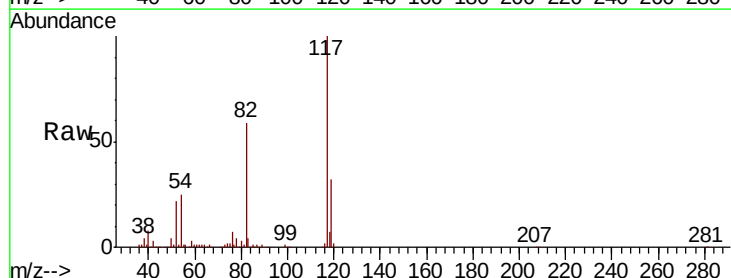
Tgt Ion: 117 Resp: 468271

Ion Ratio Lower Upper

117 100

82 59.3 46.6 69.8

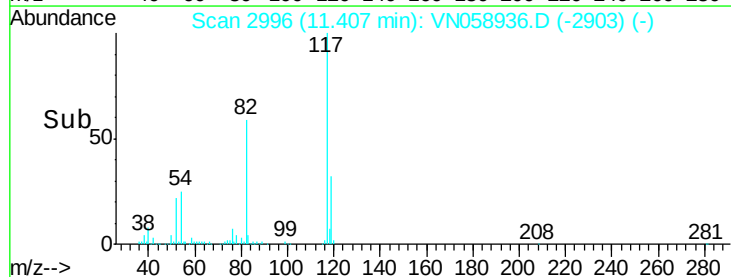
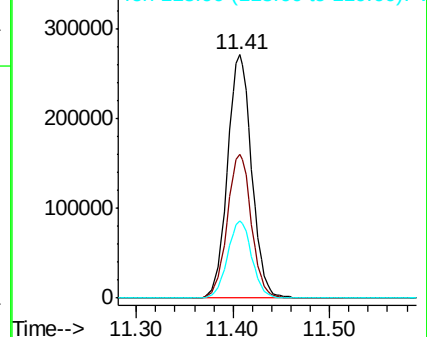
119 31.8 25.6 38.4

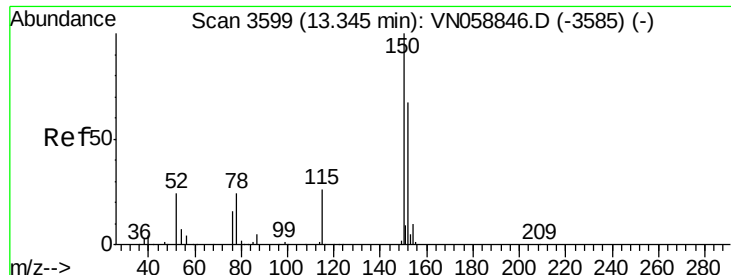


Abundance Ion 116.90 (116.60 to 117.60): VN058936.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058936.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058936.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058936.D

Acq: 23 Oct 2019 17:36

Instrument :

MSVOA_N

ClientSampleId :

S32-0665

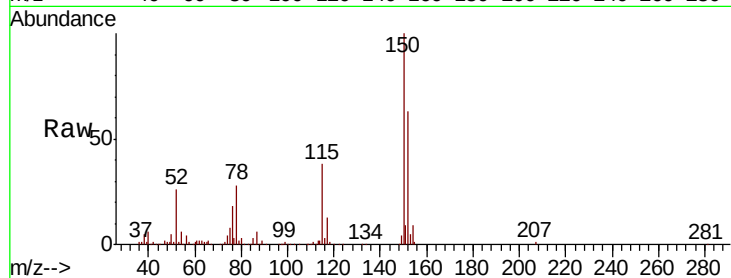
Tot Ion:152 Resp: 178561

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

150 156.8 0.0 344.4



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

