

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058869.D
 Acq On : 18 Oct 2019 19:23
 Operator : JC/SP
 Sample : K5452-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-EX3

Quant Time: Oct 21 08:47:22 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

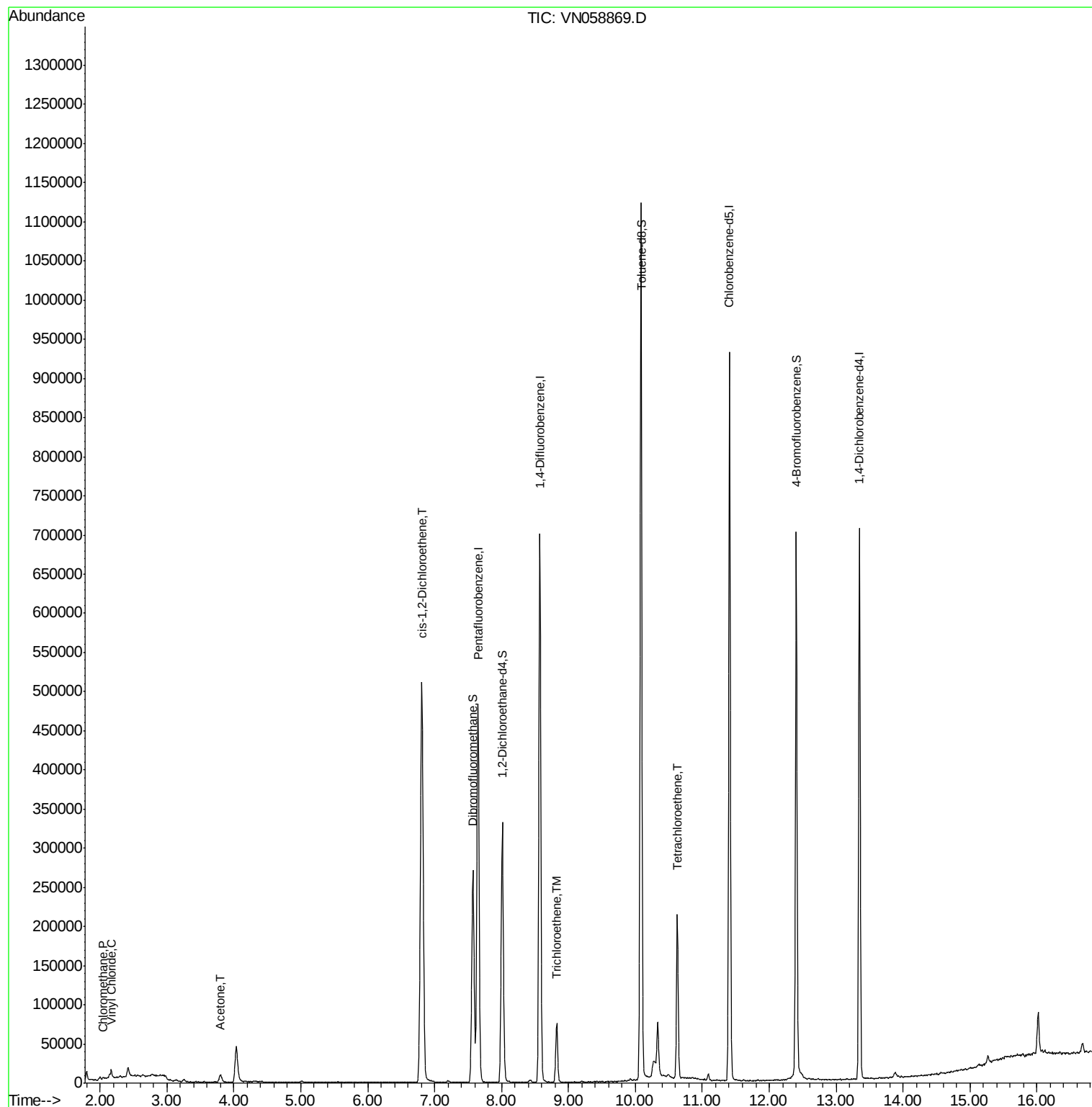
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	375671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	590765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	175027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	291853	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
35) Dibromofluoromethane	7.57	113	207575	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
50) Toluene-d8	10.09	98	778245	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.40	95	233239	42.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.24%	
Target Compounds						
3) Chloromethane	2.04	50	1969	0.339	ug/l #	78
4) Vinyl Chloride	2.17	62	5559	0.965	ug/l	93
16) Acetone	3.80	43	17917	6.581	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	332117	71.085	ug/l	89
44) Trichloroethene	8.82	130	26404	6.103	ug/l	100
64) Tetrachloroethene	10.63	164	47682	13.333	ug/l	96

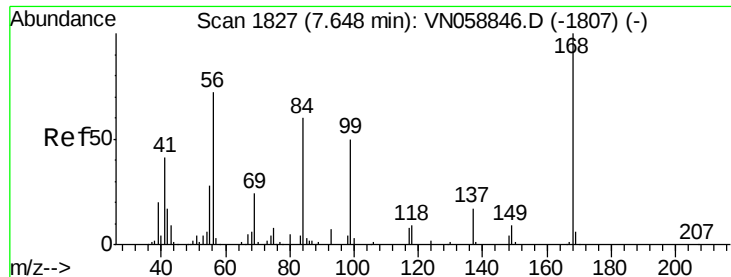
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101819\
Data File : VN058869.D
Acq On : 18 Oct 2019 19:23
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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# 1827

Delta R.T. 0.00 min

Lab File: VN058869.D

Acq: 18 Oct 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

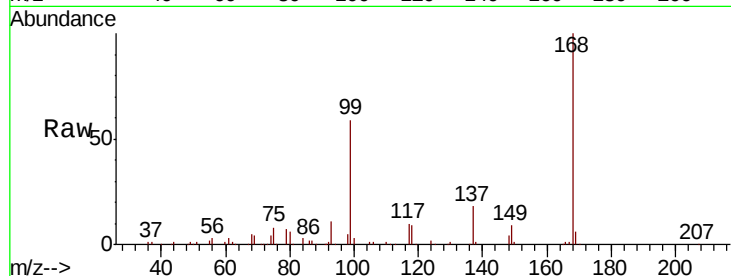
FA19-EX3

Tot Ion:168 Resp: 375671

Ion Ratio Lower Upper

168 100

99 59.1 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

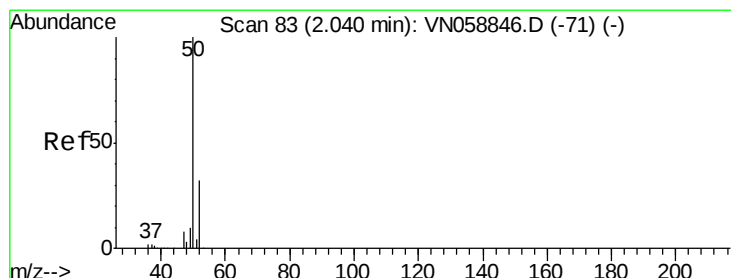
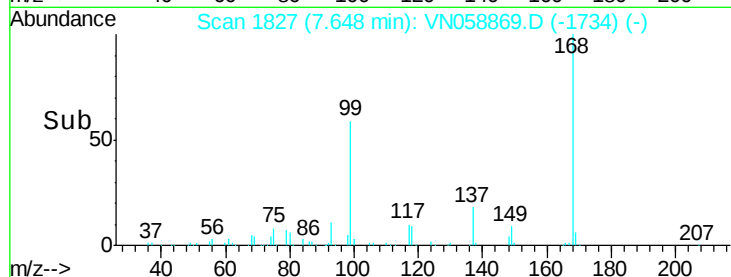
100000

50000

0

7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.339 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058869.D

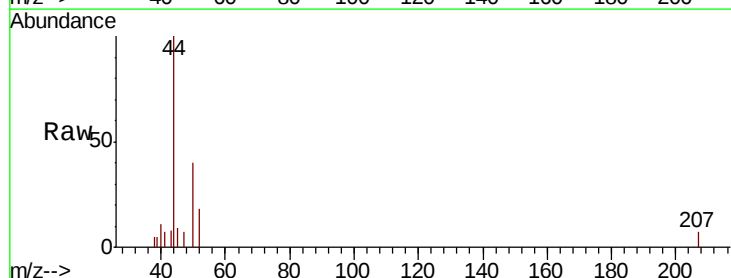
Acq: 18 Oct 2019 19:23

Tgt Ion: 50 Resp: 1969

Ion Ratio Lower Upper

50 100

52 44.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

1500

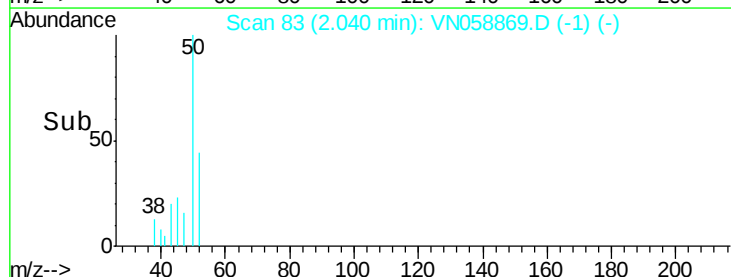
1000

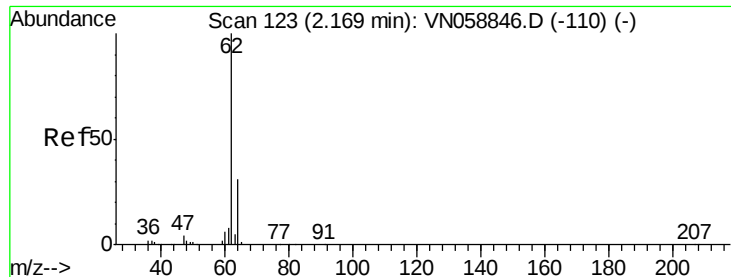
500

0

2.00 2.05

Time-->





#4

Vinyl Chloride

Concen: 0.965 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN058869.D

Acq: 18 Oct 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

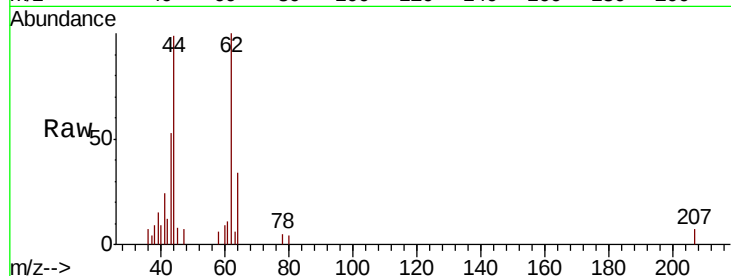
FA19-EX3

Tot Ion: 62 Resp: 5559

Ion Ratio Lower Upper

62 100

64 34.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

4000

3000

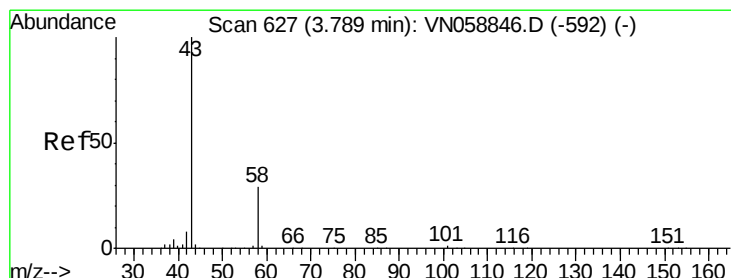
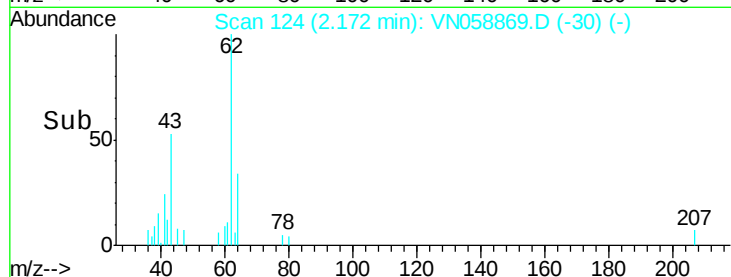
2000

1000

0

Time-->

2.15 2.20



#16

Acetone

Concen: 6.581 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN058869.D

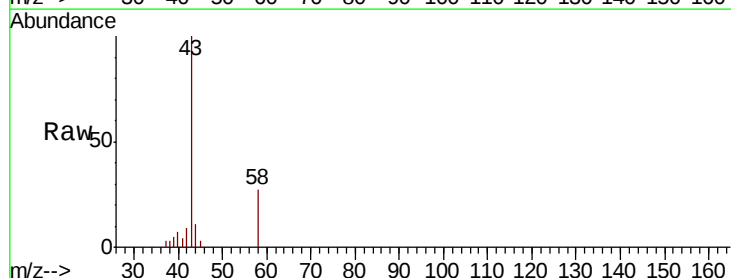
Acq: 18 Oct 2019 19:23

Tgt Ion: 43 Resp: 17917

Ion Ratio Lower Upper

43 100

58 26.5 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

6000

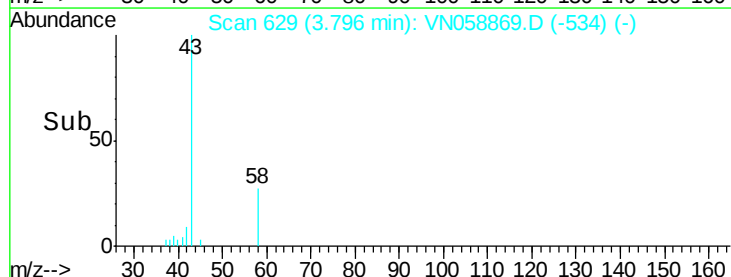
4000

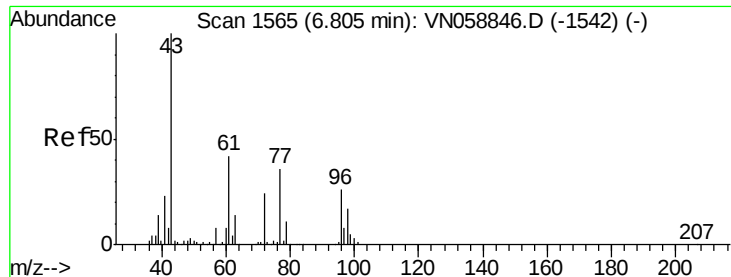
2000

0

Time-->

3.70 3.75 3.80 3.85 3.90

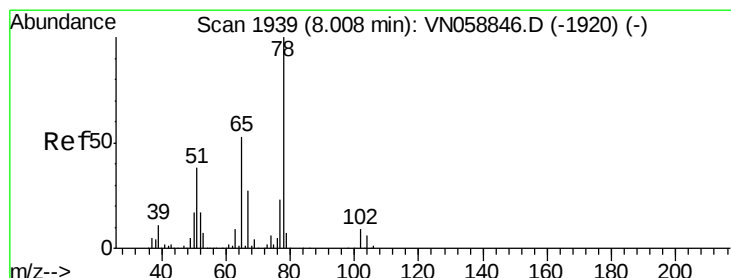
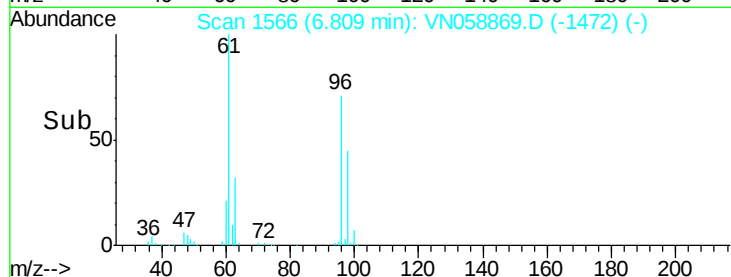
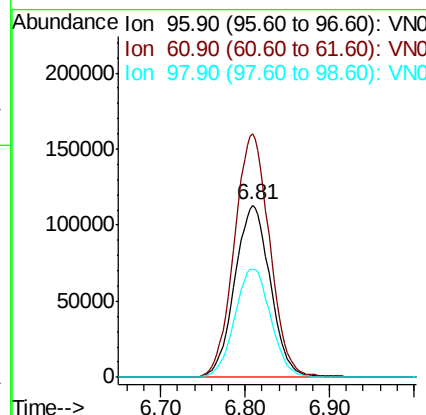
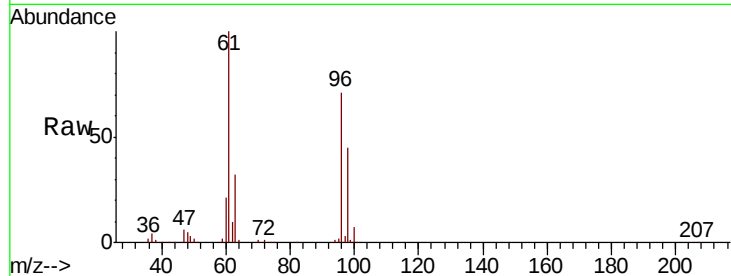




#27
 cis-1,2-Dichloroethene
 Concen: 71.085 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN058869.D
 Acq: 18 Oct 2019 19:23

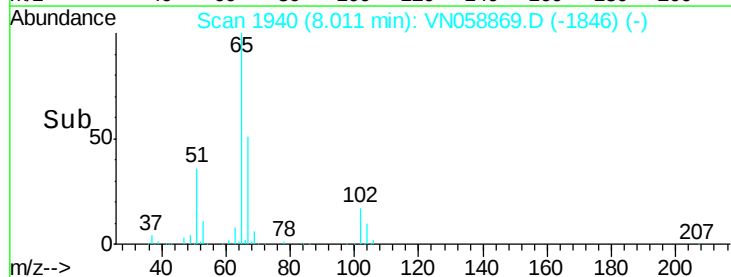
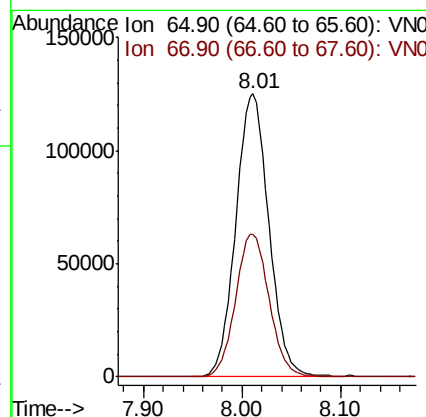
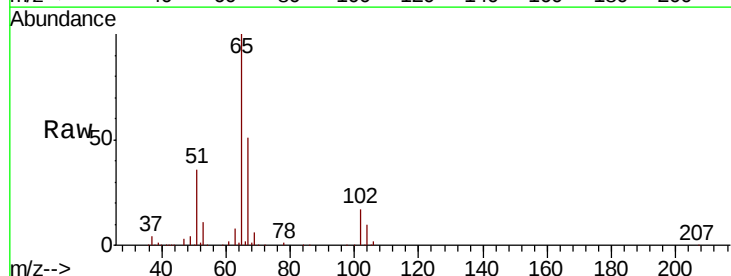
Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-EX3

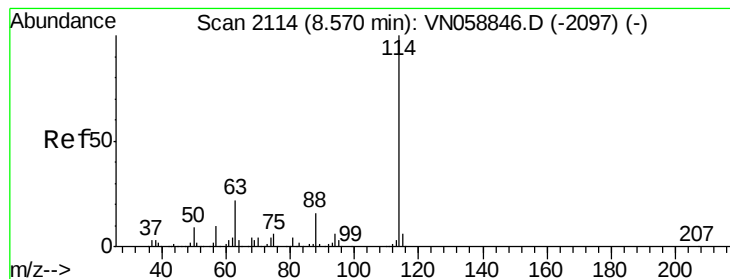
Tot Ion	96	Resp	332117
Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	325.0
98	64.0	0.0	128.0



#33
 1,2-Dichloroethane-d4
 Concen: 52.970 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058869.D
 Acq: 18 Oct 2019 19:23

Tgt Ion	65	Resp	291853
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN058869.D

Acq: 18 Oct 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

FA19-EX3

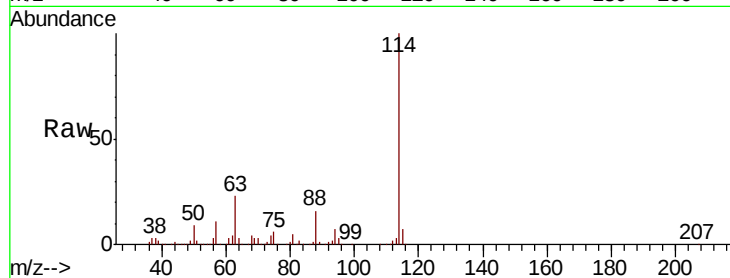
Tot Ion:114 Resp: 590765

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.4

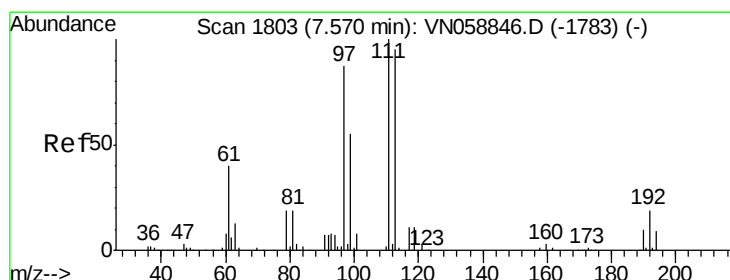
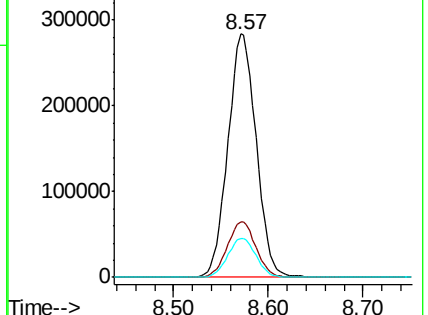
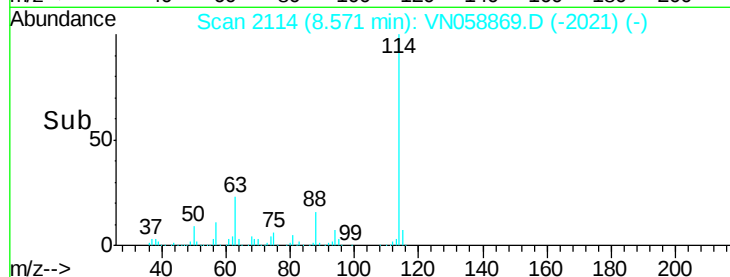
88 16.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 53.442 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN058869.D

Acq: 18 Oct 2019 19:23

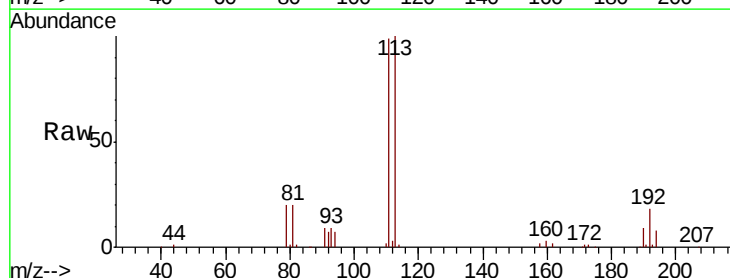
Tgt Ion:113 Resp: 207575

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

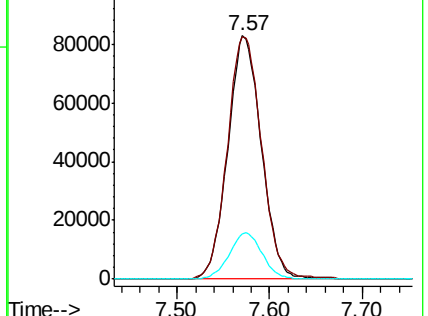
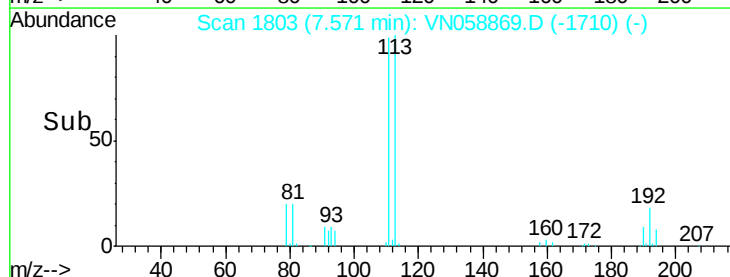
192 18.7 15.0 22.6

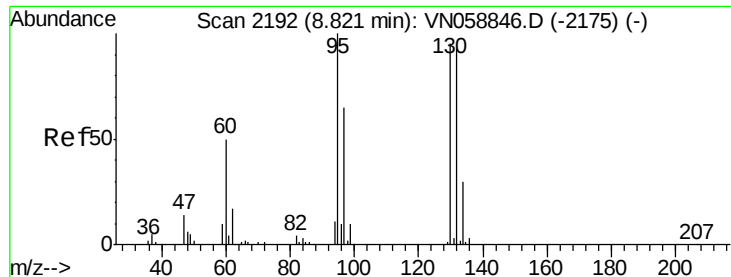


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.103 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN058869.D

Acq: 18 Oct 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

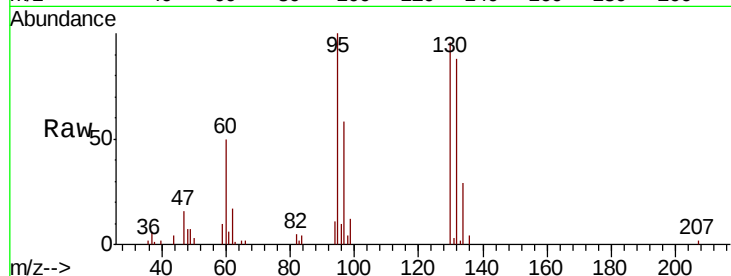
FA19-EX3

Tot Ion:130 Resp: 26404

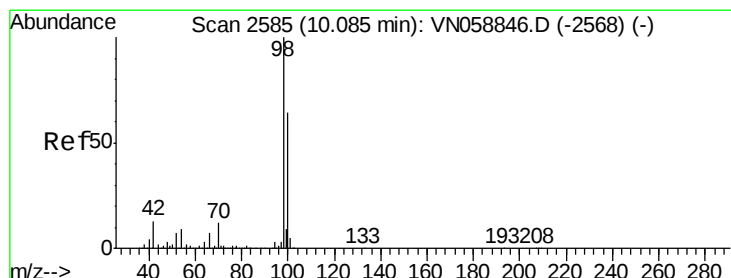
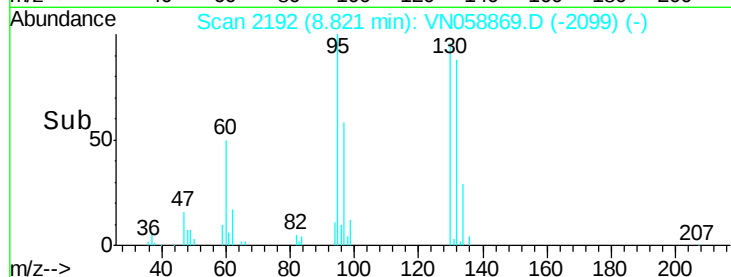
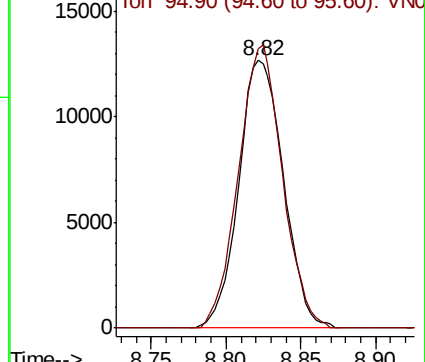
Ion Ratio Lower Upper

130 100

95 104.4 0.0 209.6



Abundance Ion 129.80 (129.50 to 130.50): VN058846.D (-2175) (-)



#50

Toluene-d8

Concen: 51.616 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058869.D

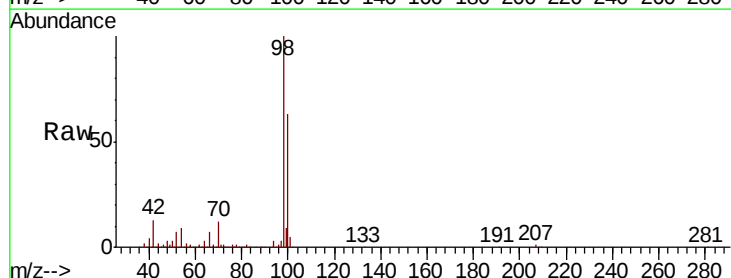
Acq: 18 Oct 2019 19:23

Tgt Ion: 98 Resp: 778245

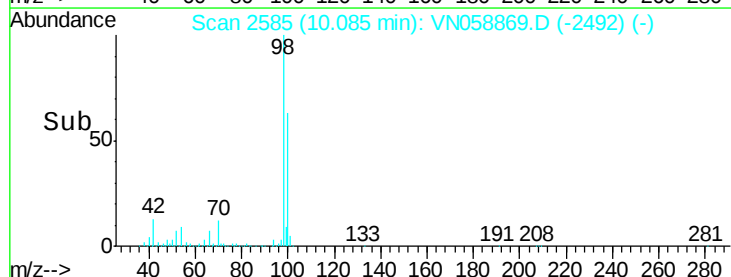
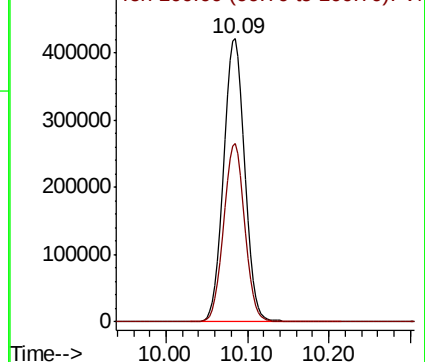
Ion Ratio Lower Upper

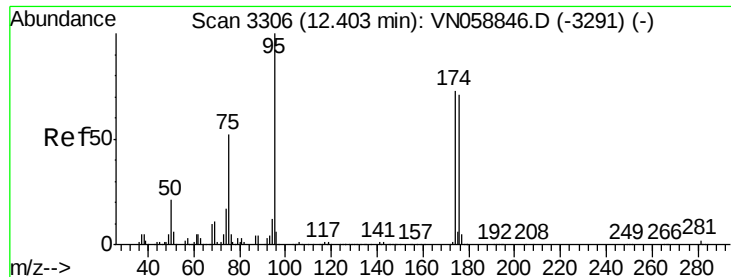
98 100

100 62.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)

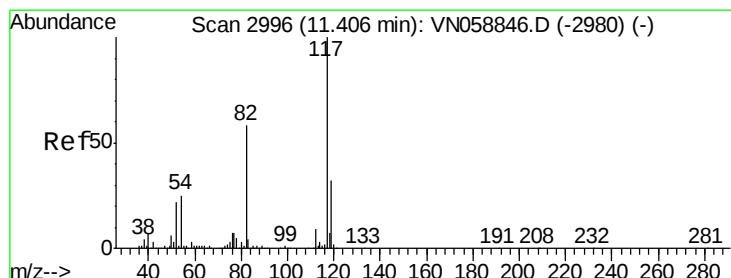
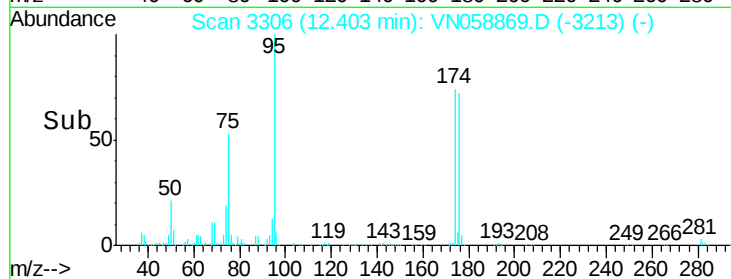
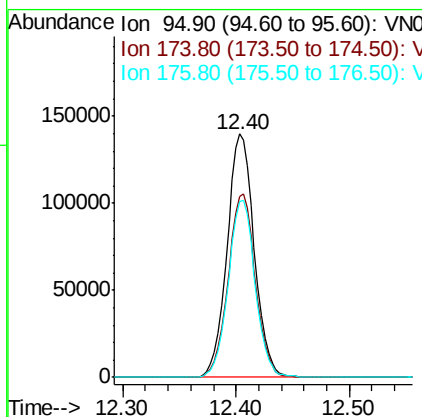
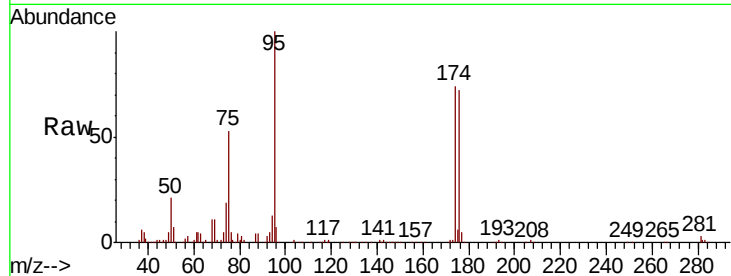




#62
4-Bromofluorobenzene
Concen: 42.124 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058869.D
Acq: 18 Oct 2019 19:23

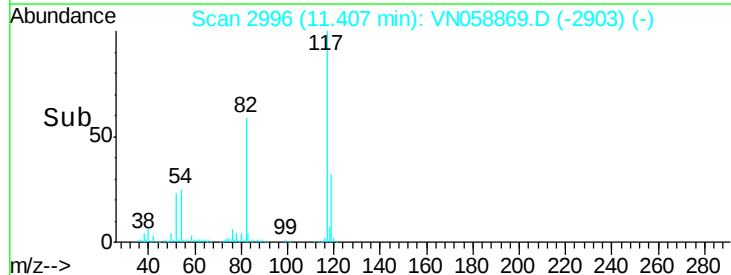
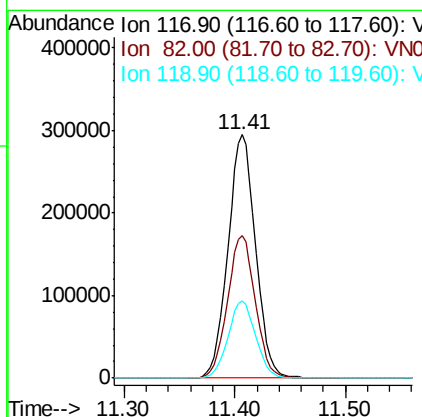
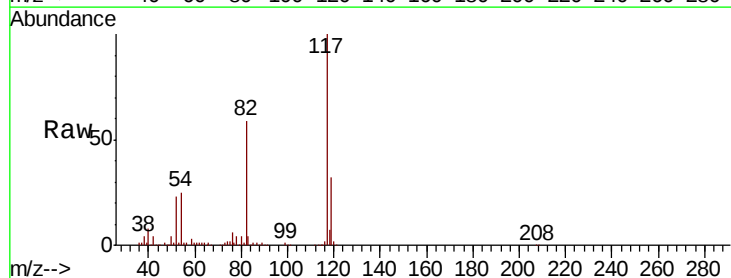
Instrument :
MSVOA_N
ClientSampleId :
FA19-EX3

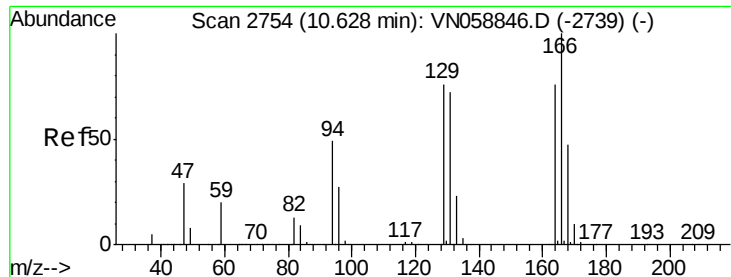
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	147.6
176	72.0	0.0	143.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058869.D
Acq: 18 Oct 2019 19:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.6	69.8
119	31.8	25.6	38.4





#64

Tetrachloroethene

Concen: 13.333 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN058869.D

Acq: 18 Oct 2019 19:23

Instrument :

MSVOA_N

ClientSampleId :

FA19-EX3

Tot Ion:164 Resp: 47682

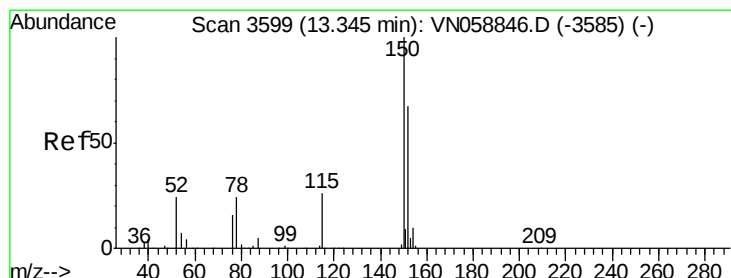
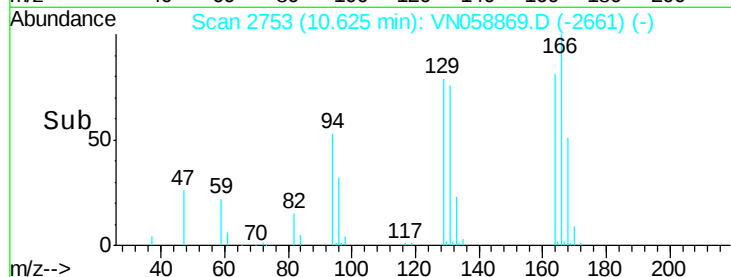
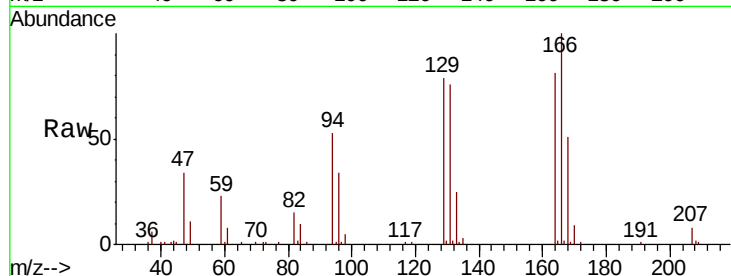
Ion Ratio Lower Upper

164 100

166 123.1 104.8 157.2

129 97.0 79.3 118.9

131 93.1 75.8 113.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058869.D

Acq: 18 Oct 2019 19:23

Tgt Ion:152 Resp: 175027

Ion Ratio Lower Upper

152 100

115 61.3 30.5 91.5

150 158.9 0.0 344.4

