

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061955.D
 Acq On : 19 Jun 2020 16:26
 Operator : JC/MD
 Sample : L2984-05 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0565

Quant Time: Jun 22 00:50:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

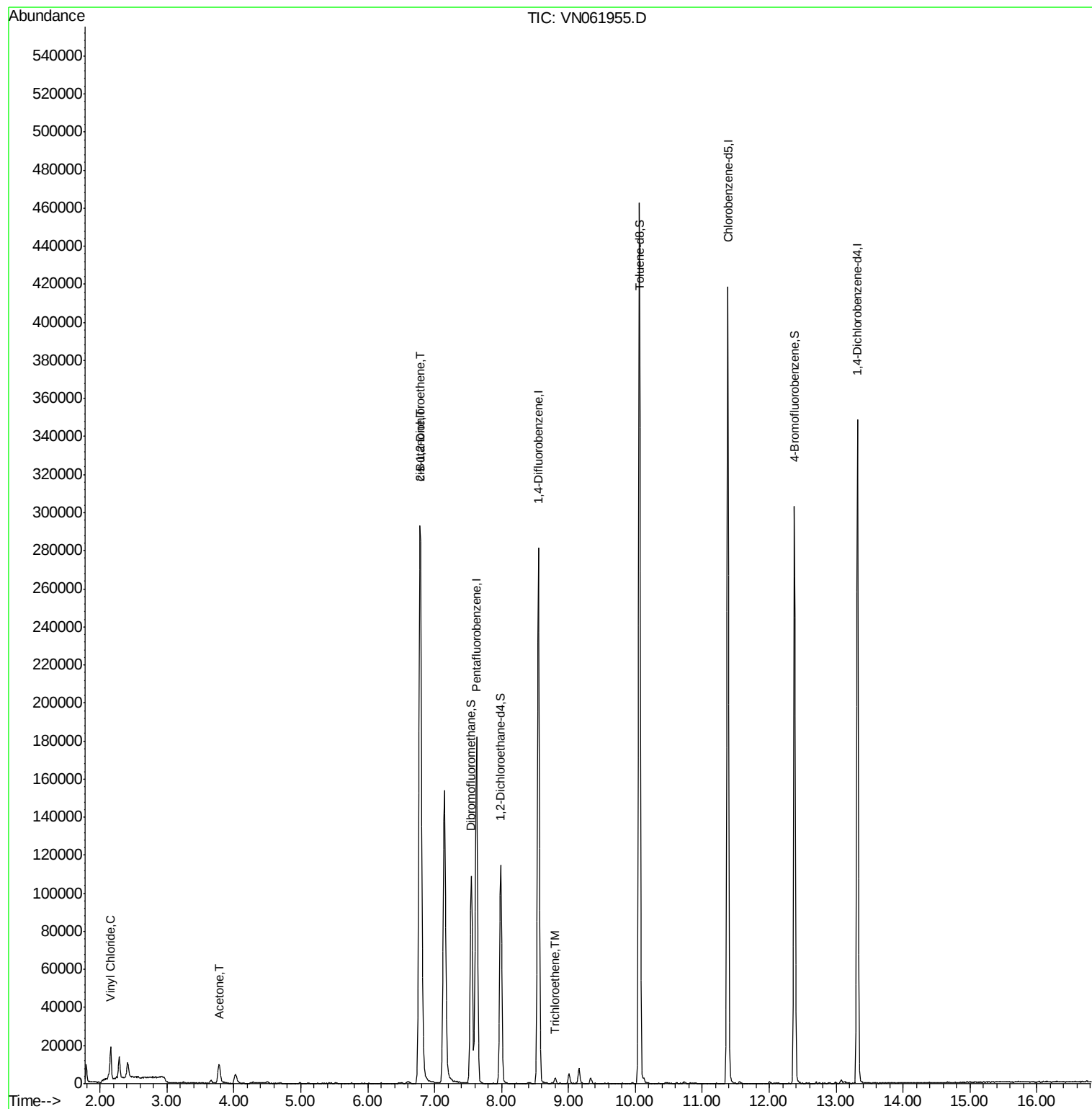
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	96894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95911	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
35) Dibromofluoromethane	7.55	113	85125	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	10.06	98	324952	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.38	95	106219	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
4) Vinyl Chloride	2.16	62	14901	6.089	ug/l	99
16) Acetone	3.78	43	17035	29.077	ug/l	97
25) 2-Butanone	6.78	43	493074	576.854	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	4548	2.284	ug/l	89
44) Trichloroethene	8.80	130	1137	0.601	ug/l	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
Data File : VN061955.D
Acq On : 19 Jun 2020 16:26
Operator : JC/MD
Sample : L2984-05 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
S49-0565

Quant Time: Jun 22 00:50:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061955.D

Acq: 19 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

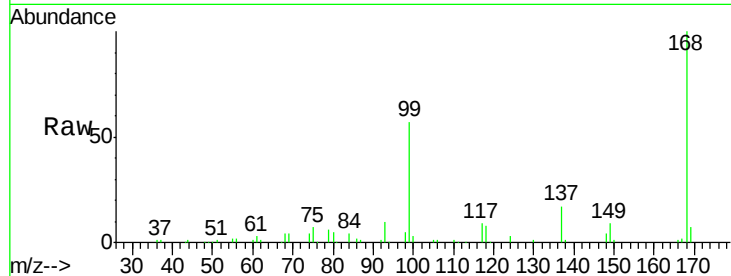
S49-0565

Tot Ion:168 Resp: 147887

Ion Ratio Lower Upper

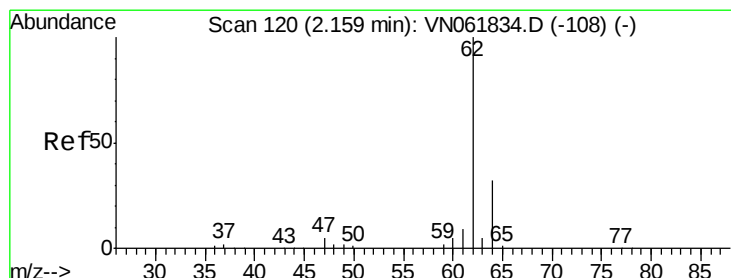
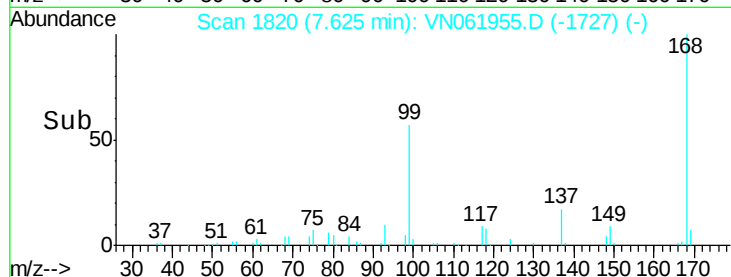
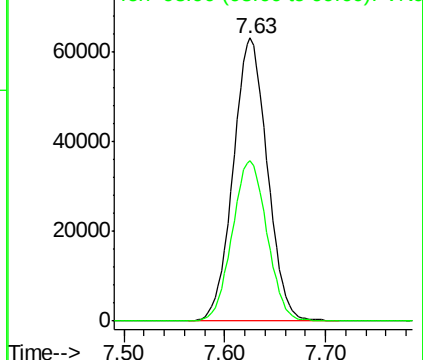
168 100

99 56.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#4

Vinyl Chloride

Concen: 6.089 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061955.D

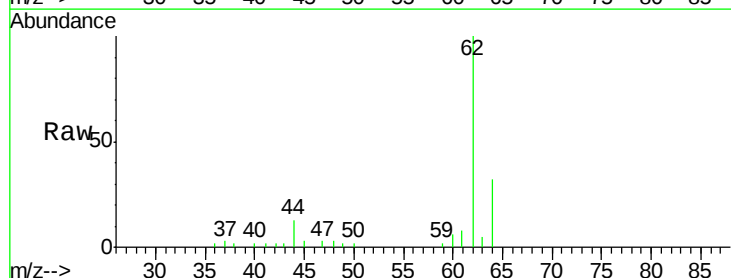
Acq: 19 Jun 2020 16:26

Tgt Ion: 62 Resp: 14901

Ion Ratio Lower Upper

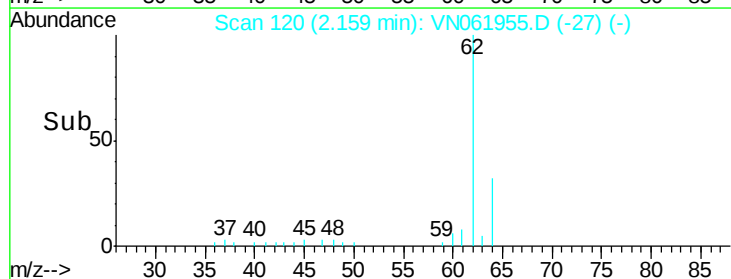
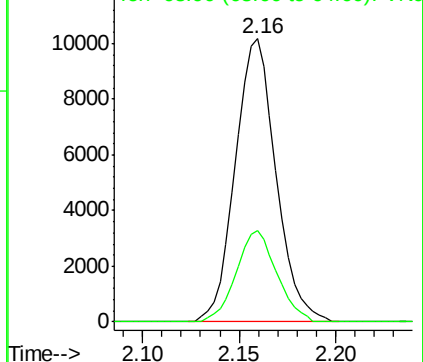
62 100

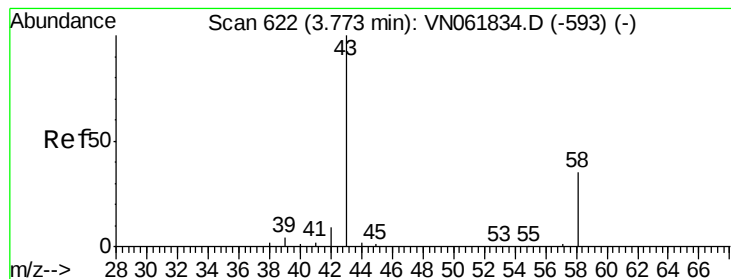
64 32.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#16

Acetone

Concen: 29.077 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061955.D

Acq: 19 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

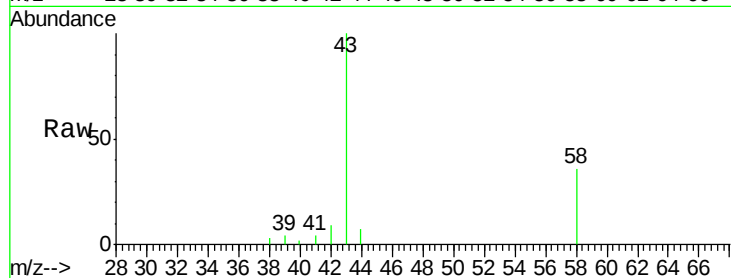
S49-0565

Tot Ion: 43 Resp: 17035

Ion Ratio Lower Upper

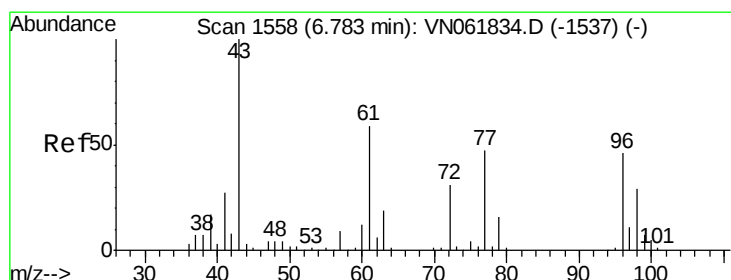
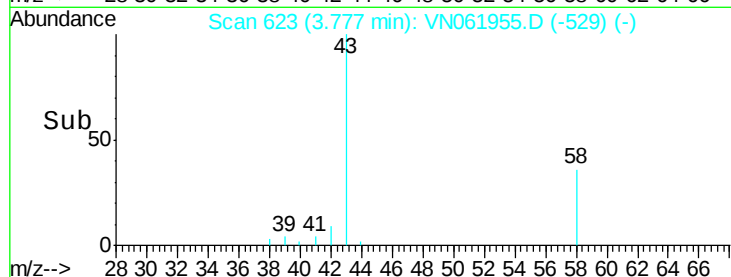
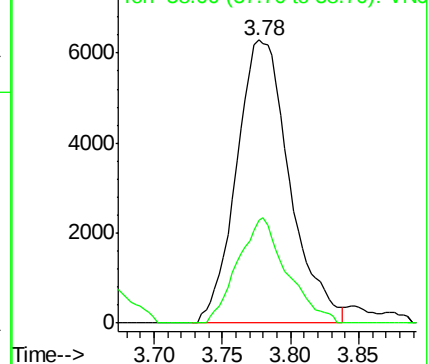
43 100

58 36.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#25

2-Butanone

Concen: 576.854 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061955.D

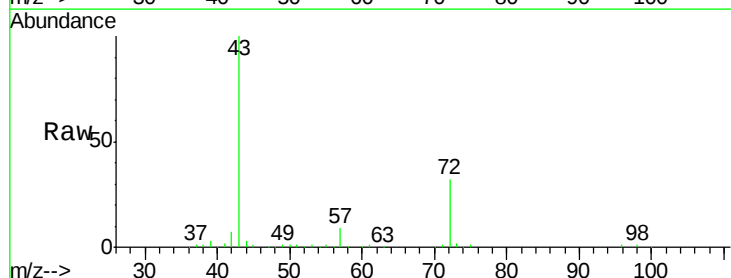
Acq: 19 Jun 2020 16:26

Tgt Ion: 43 Resp: 493074

Ion Ratio Lower Upper

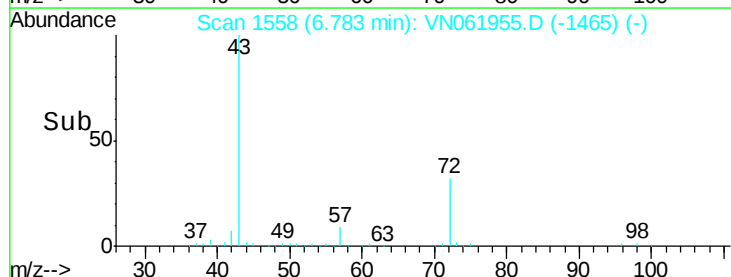
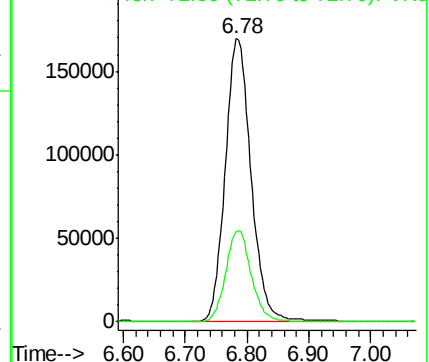
43 100

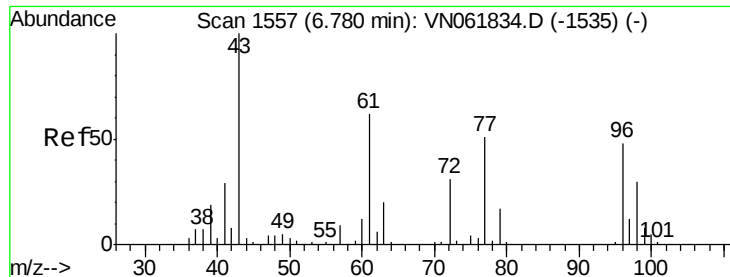
72 31.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

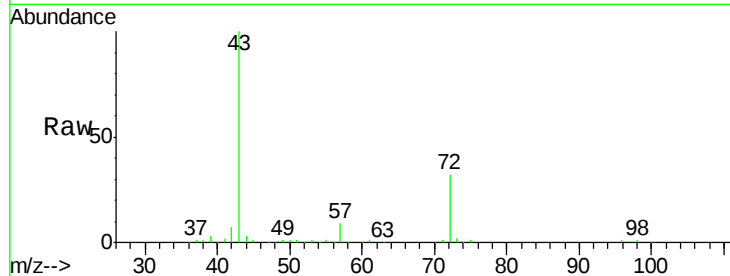




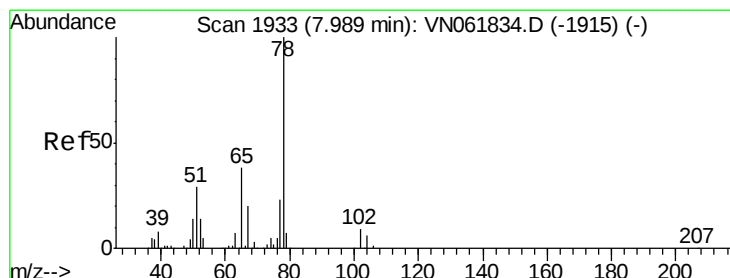
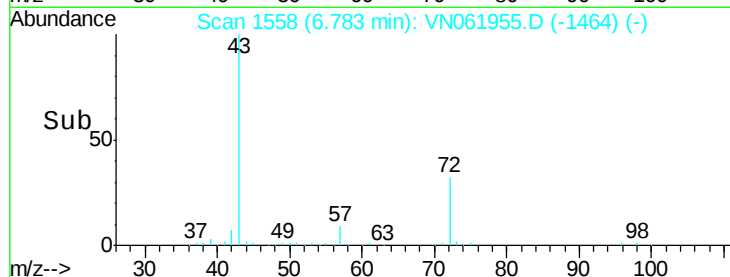
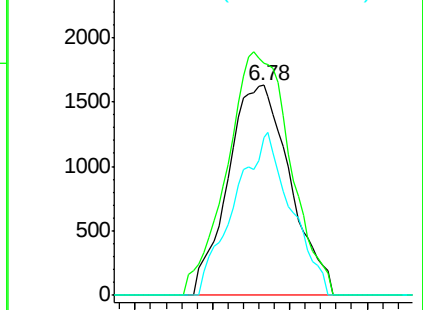
#27
 cis-1,2-Dichloroethene
 Concen: 2.284 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061955.D
 Acq: 19 Jun 2020 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0565

Tot Ion: 96 Resp: 4548
 Ion Ratio Lower Upper
 96 100
 61 117.8 0.0 265.6
 98 70.2 0.0 128.2

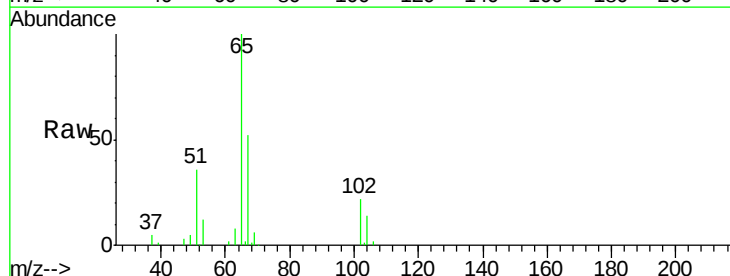


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

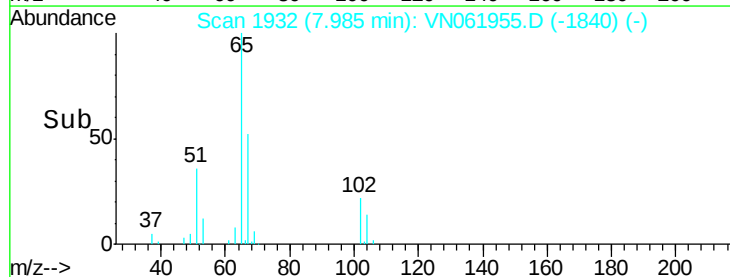
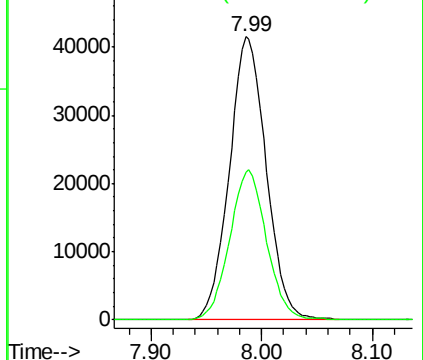


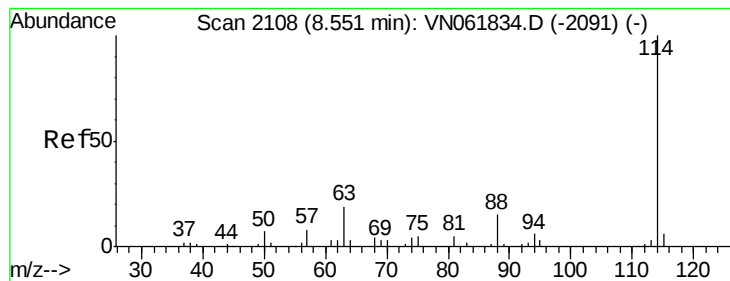
#33
 1,2-Dichloroethane-d4
 Concen: 48.357 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061955.D
 Acq: 19 Jun 2020 16:26

Tgt Ion: 65 Resp: 95911
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



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: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061955.D

Acq: 19 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

S49-0565

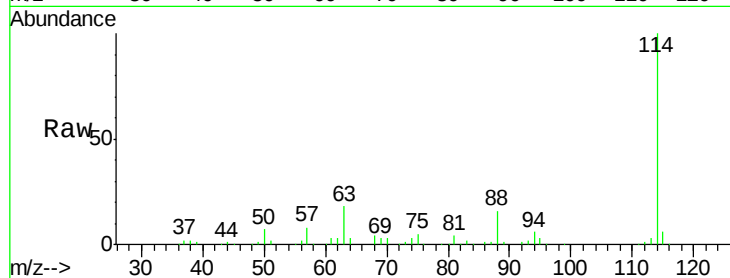
Tot Ion:114 Resp: 260062

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.6

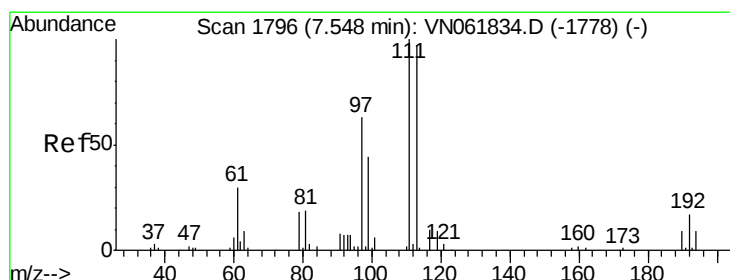
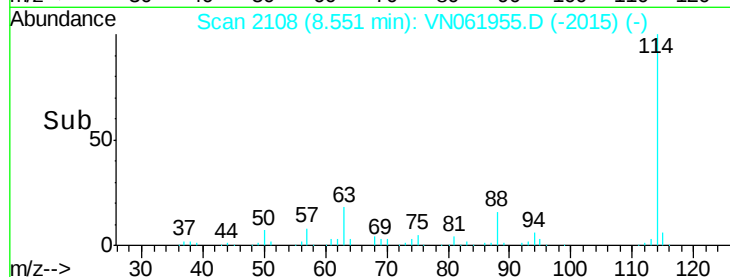
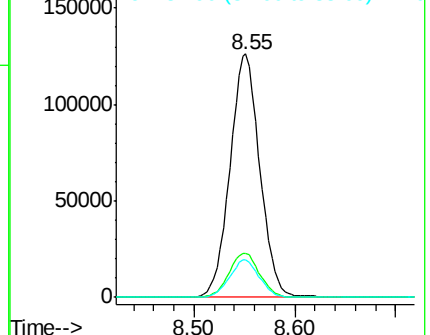
88 15.6 0.0 31.0



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: 51.165 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061955.D

Acq: 19 Jun 2020 16:26

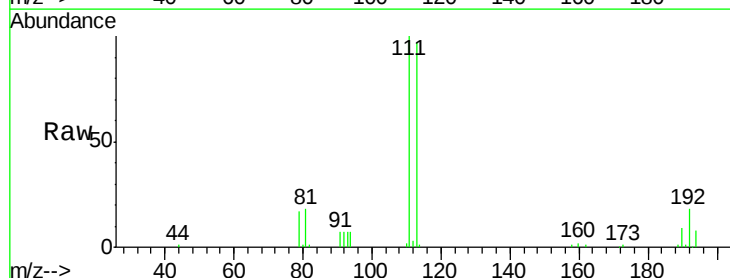
Tgt Ion:113 Resp: 85125

Ion Ratio Lower Upper

113 100

111 102.2 83.7 125.5

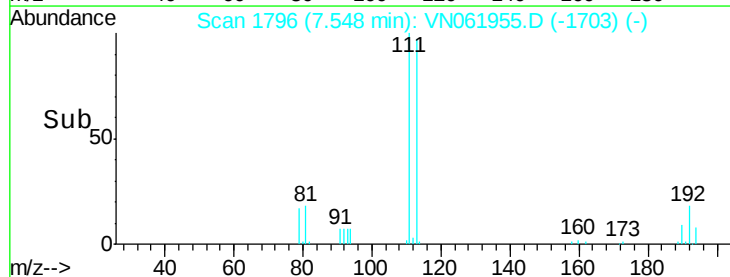
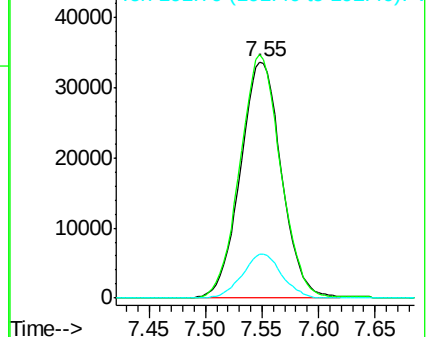
192 17.8 13.9 20.9

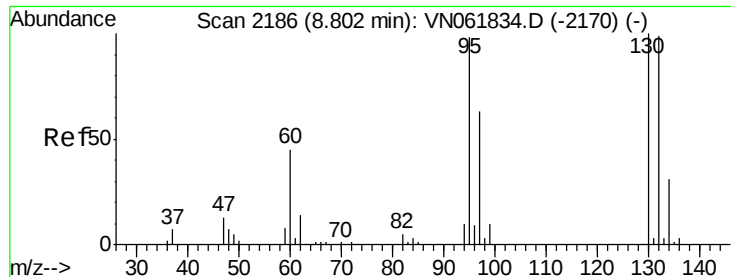


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.601 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061955.D

Acq: 19 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

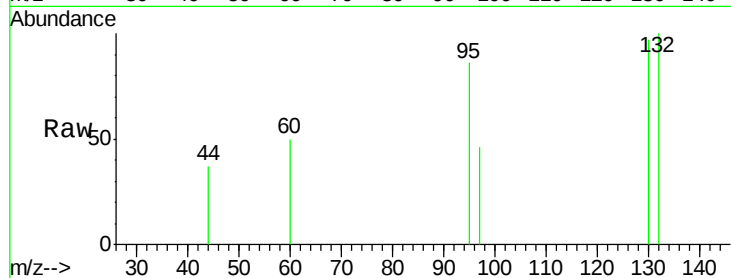
S49-0565

Tot Ion:130 Resp: 1137

Ion Ratio Lower Upper

130 100

95 88.2 0.0 195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)

8.80

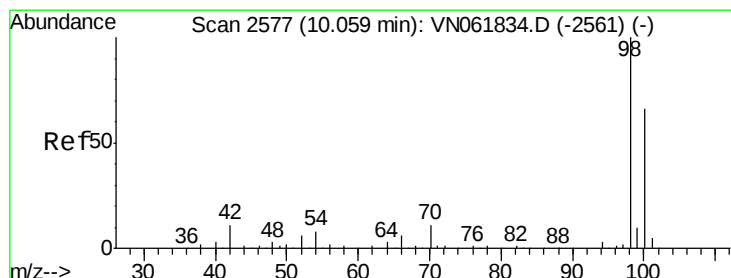
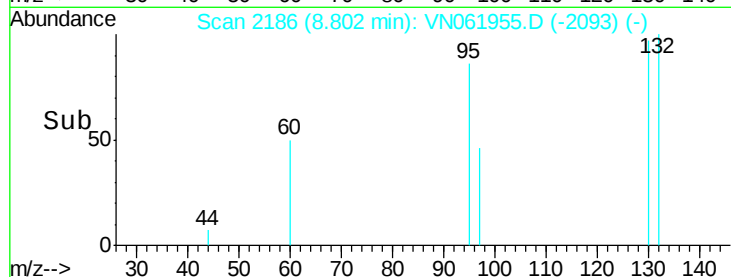
600

400

200

0

Time--> 8.75 8.80 8.85



#50

Toluene-d8

Concen: 49.680 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061955.D

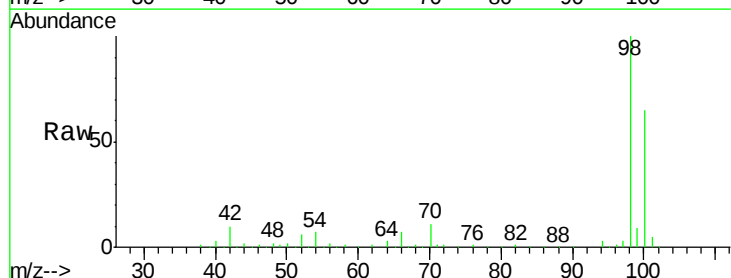
Acq: 19 Jun 2020 16:26

Tgt Ion: 98 Resp: 324952

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

200000

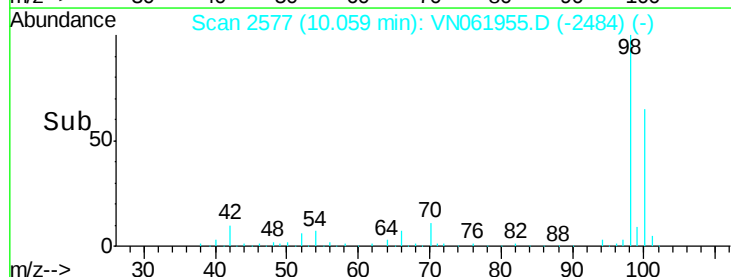
150000

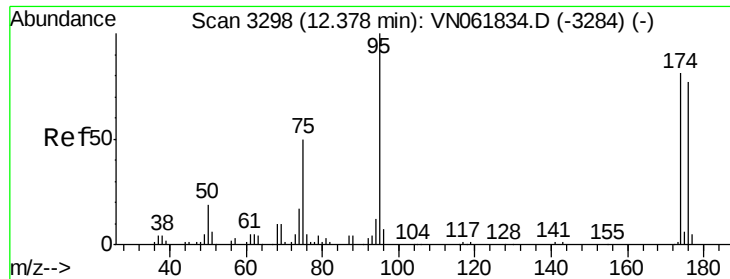
100000

50000

0

Time--> 10.00 10.05 10.10

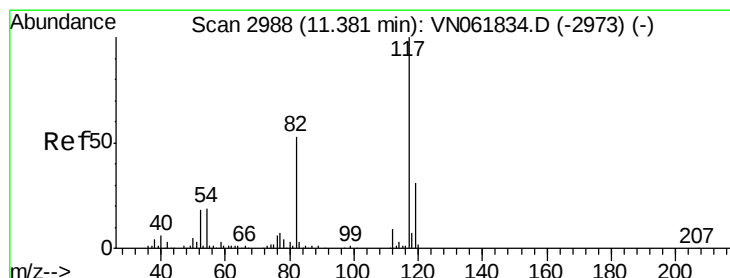
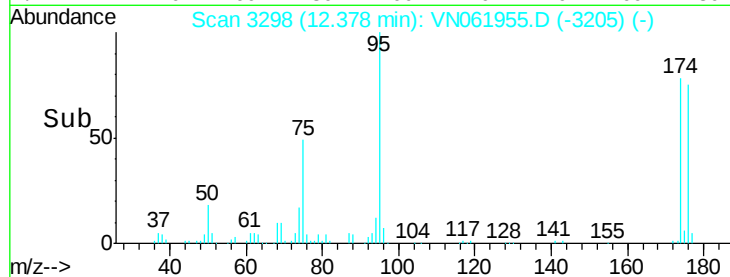
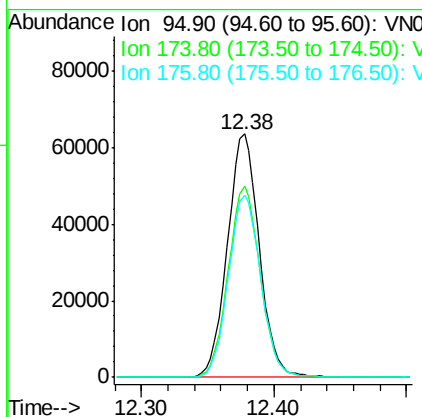
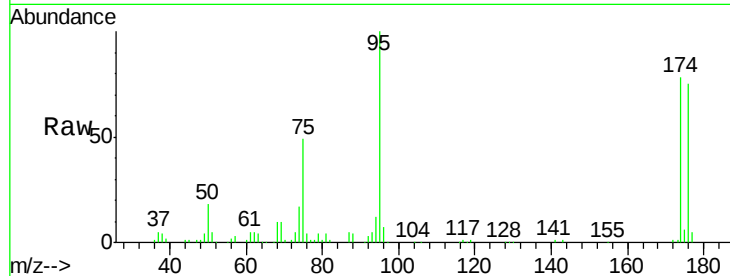




#62
 4-Bromofluorobenzene
 Concen: 47.343 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061955.D
 Acq: 19 Jun 2020 16:26

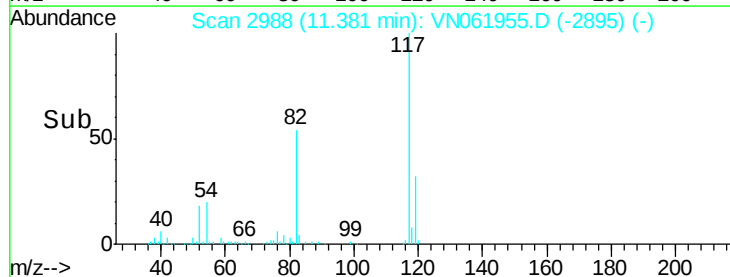
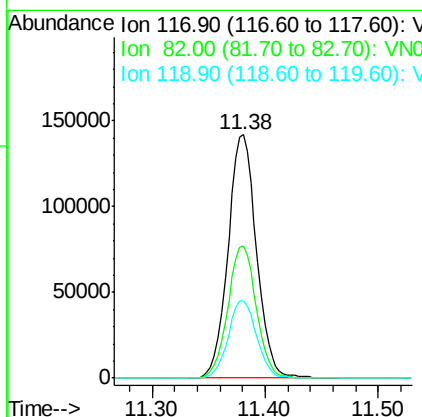
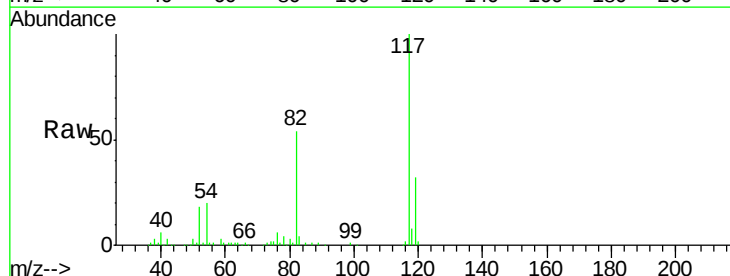
Instrument :
 MSVOA_N
 ClientSampled :
 S49-0565

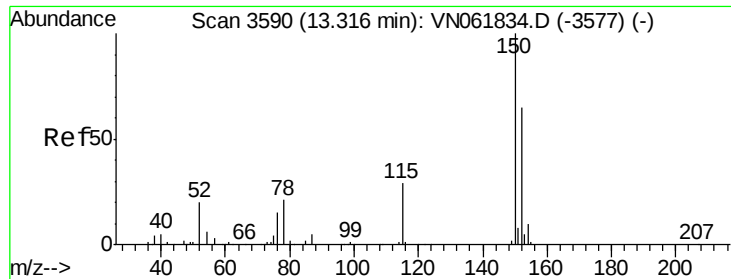
Tot Ion: 95 Resp: 106219
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 158.6
 176 75.8 0.0 152.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN061955.D
 Acq: 19 Jun 2020 16:26

Tgt Ion: 117 Resp: 247590
 Ion Ratio Lower Upper
 117 100
 82 54.5 42.6 64.0
 119 31.5 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061955.D

Acq: 19 Jun 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

S49-0565

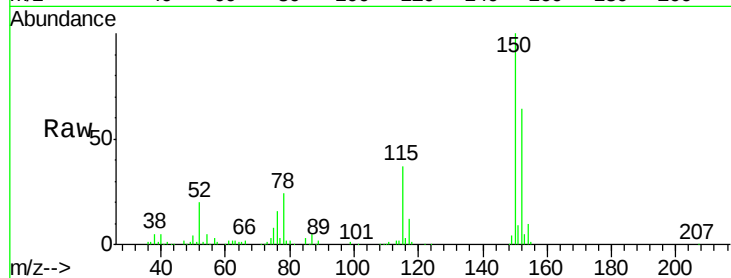
Tot Ion:152 Resp: 96894

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 157.4 0.0 347.6



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

