

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062135.D
 Acq On : 26 Jun 2020 13:24
 Operator : JC/MD
 Sample : L3088-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622

Quant Time: Jun 27 04:22:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

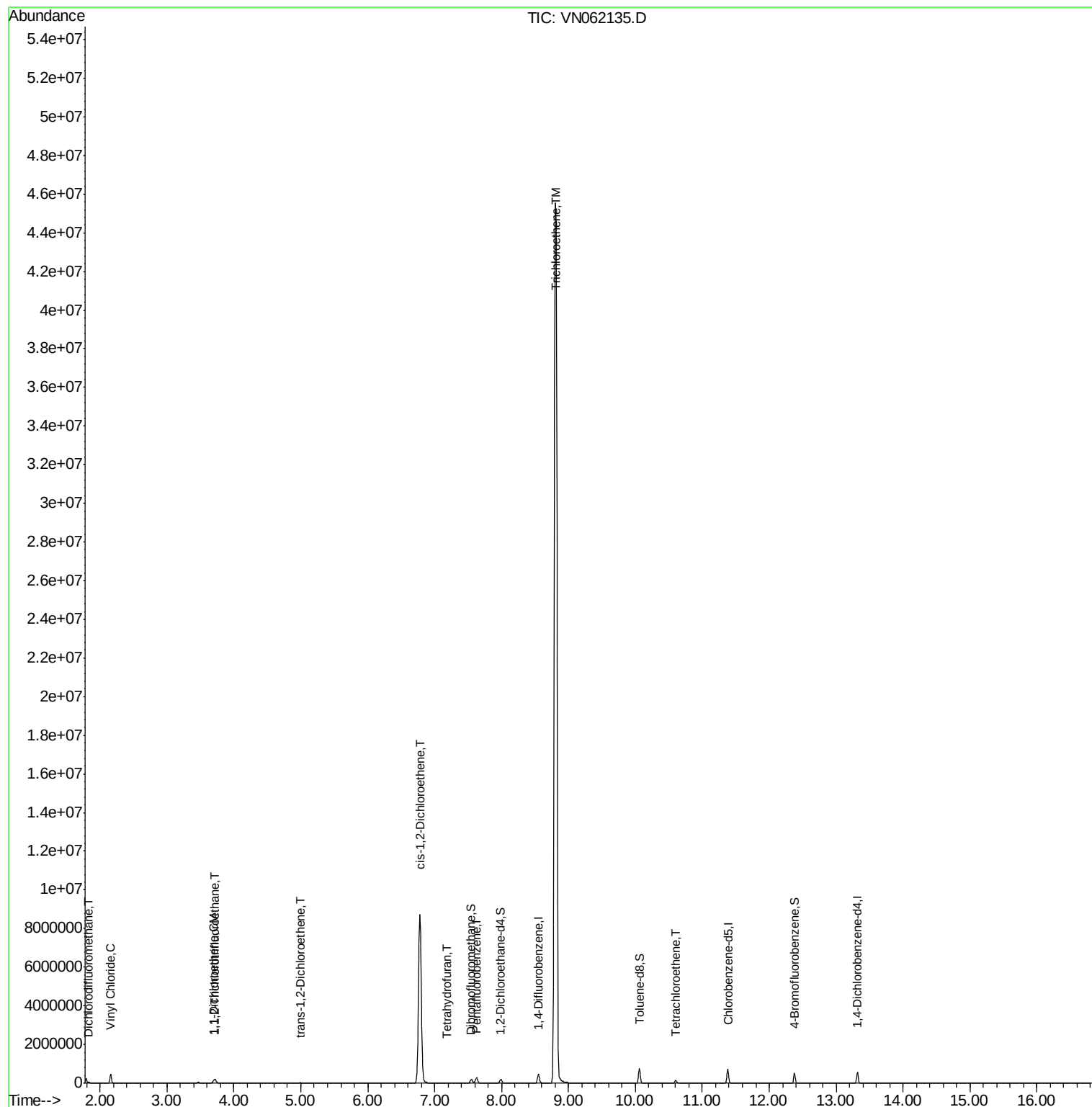
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	242038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	154914	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
35) Dibromofluoromethane	7.55	113	135296	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.06	98	542589	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	12.38	95	178923	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	53673	19.619	ug/l	99
4) Vinyl Chloride	2.16	62	414708	96.257	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	99013	35.616	ug/l	99
12) 1,1-Dichloroethene	3.69	96	31127	11.200	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	17877	5.646	ug/l	87
27) cis-1,2-Dichloroethene	6.78	96	6195499	1739.029	ug/l	84
29) Tetrahydrofuran	7.18	42	1907	1.754	ug/l #	76
44) Trichloroethene	8.81	130	13096642	3926.822	ug/l	97
64) Tetrachloroethene	10.60	164	31439	11.016	ug/l	98

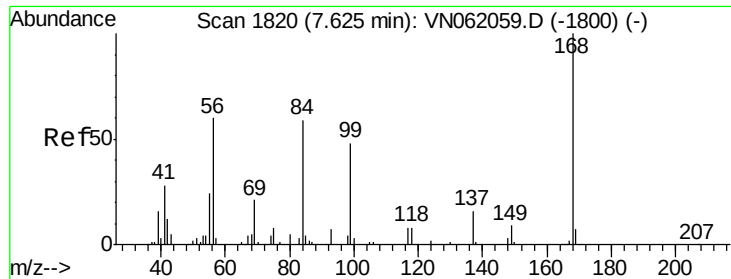
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 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: VN062135.D

Acq: 26 Jun 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

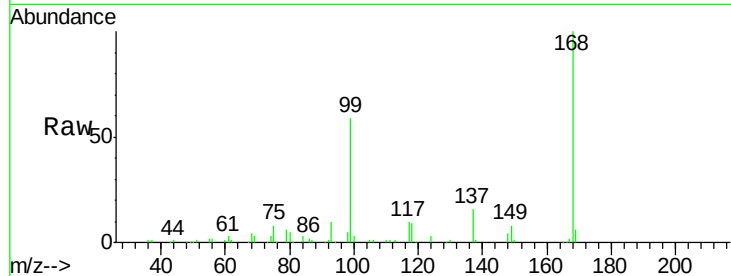
56BR-20200622

Tot Ion:168 Resp: 242038

Ion Ratio Lower Upper

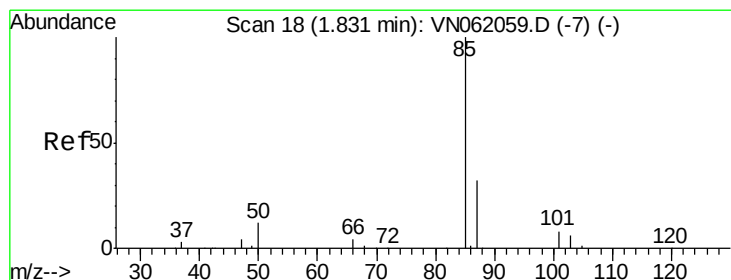
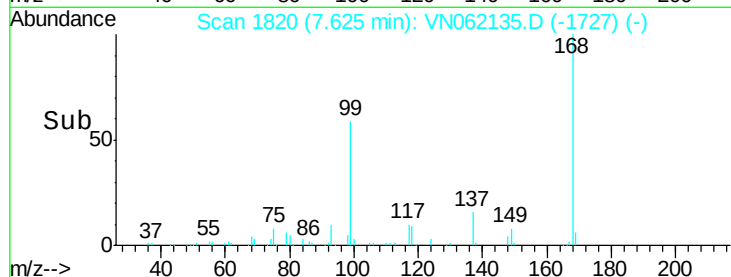
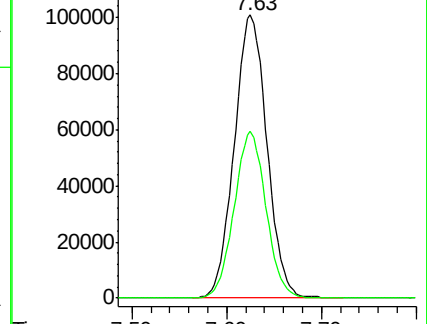
168 100

99 59.0 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.619 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062135.D

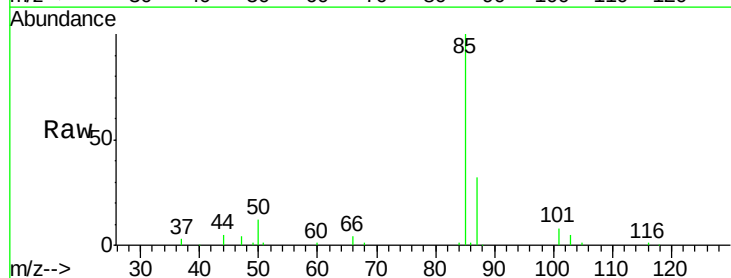
Acq: 26 Jun 2020 13:24

Tgt Ion: 85 Resp: 53673

Ion Ratio Lower Upper

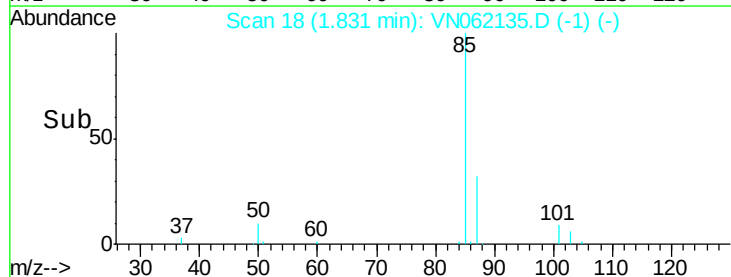
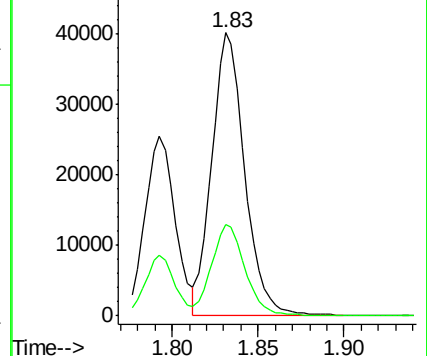
85 100

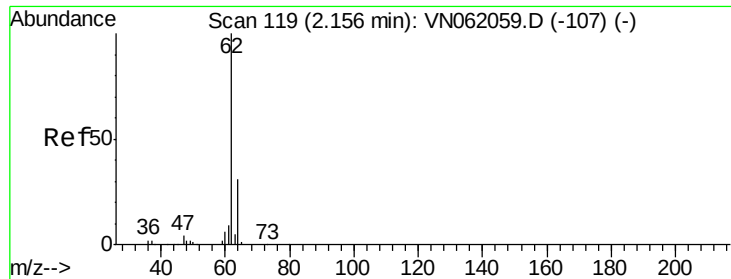
87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#4

Vinyl Chloride

Concen: 96.257 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062135.D

Acq: 26 Jun 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

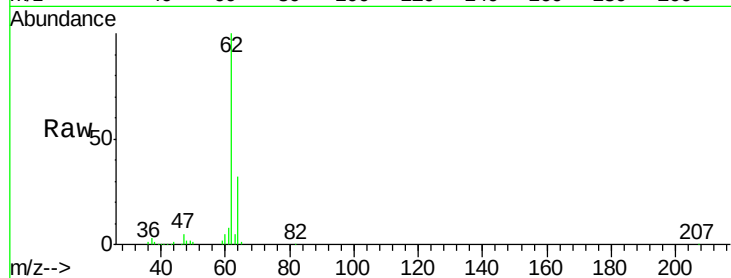
56BR-20200622

Tot Ion: 62 Resp: 414708

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7

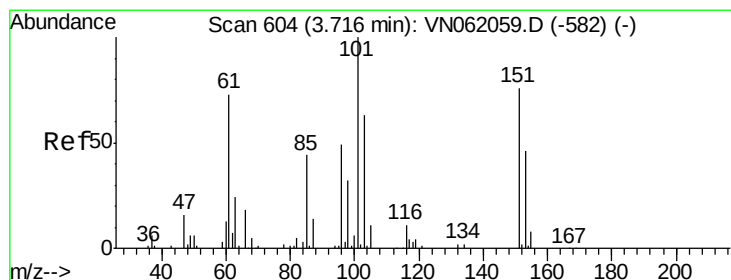
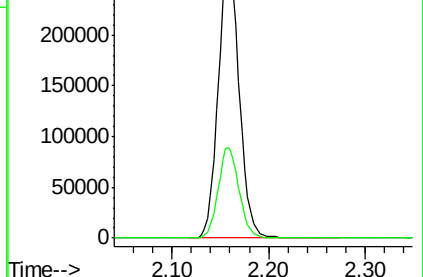
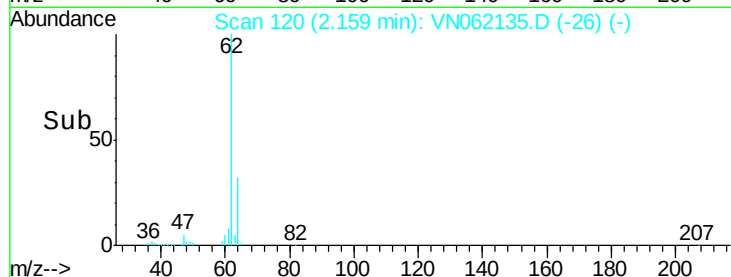


Abundance Ion 61.90 (61.60 to 62.60): VN062135.D (-26) (-)

Ion 63.90 (63.60 to 64.60): VN062135.D (-26) (-)

2.16

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.616 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062135.D

Acq: 26 Jun 2020 13:24

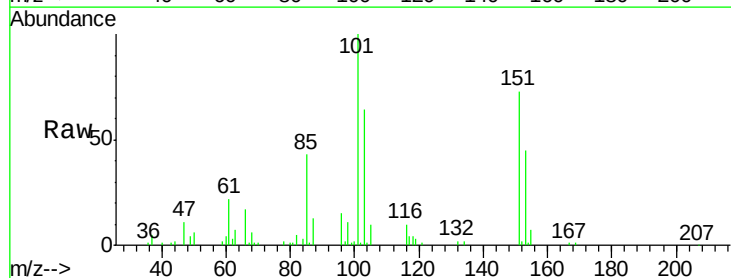
Tgt Ion: 101 Resp: 99013

Ion Ratio Lower Upper

101 100

85 43.9 34.5 51.7

151 73.3 57.8 86.8



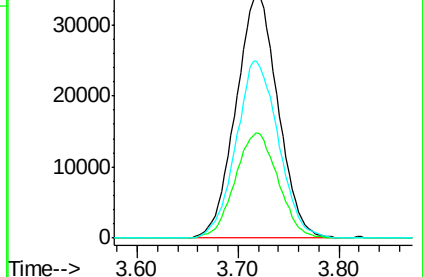
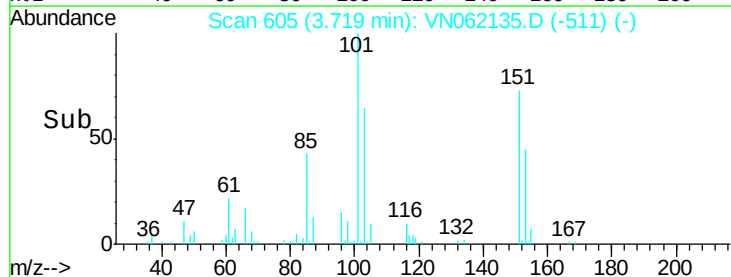
Abundance Ion 100.90 (100.60 to 101.60): VN062135.D (-511) (-)

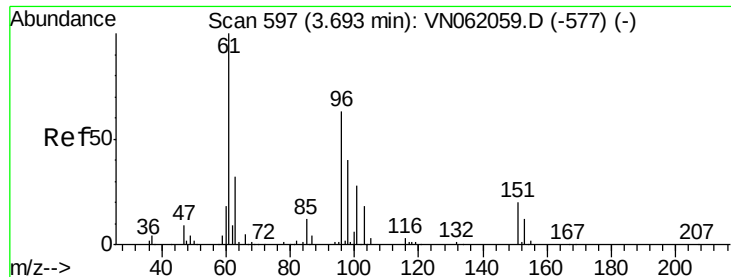
Ion 84.90 (84.60 to 85.60): VN062135.D (-511) (-)

Ion 150.80 (150.50 to 151.50): VN062135.D (-511) (-)

3.72

Time-->

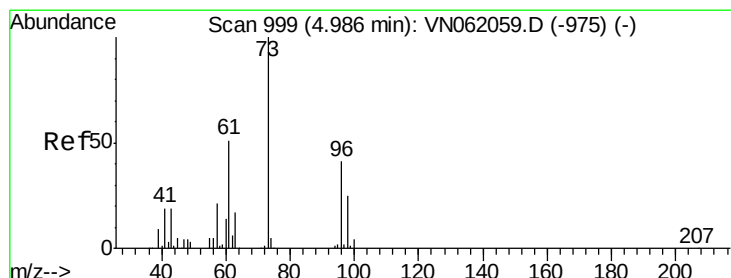
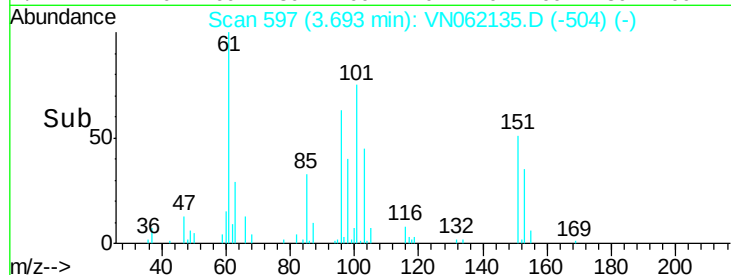
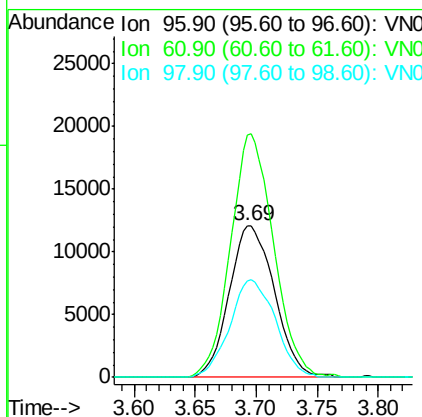
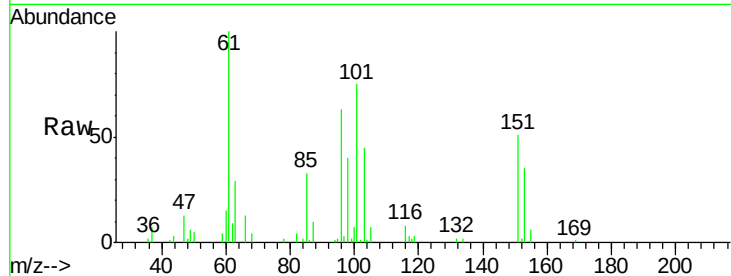




#12
 1,1-Dichloroethene
 Concen: 11.200 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062135.D
 Acq: 26 Jun 2020 13:24

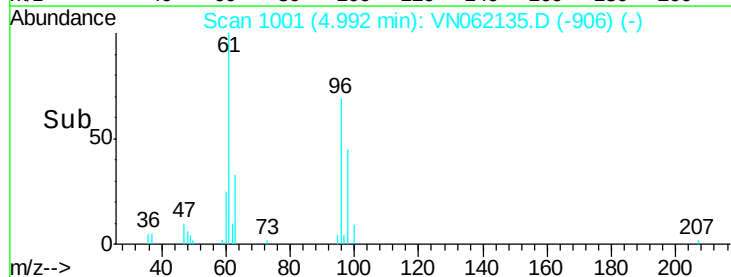
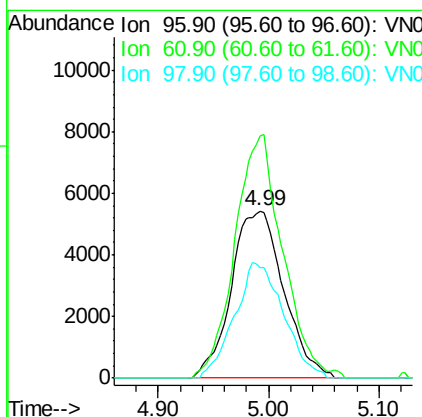
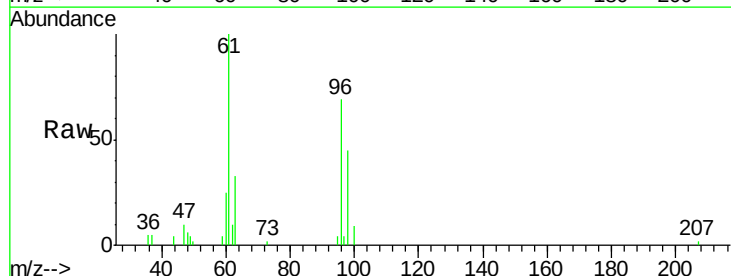
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622

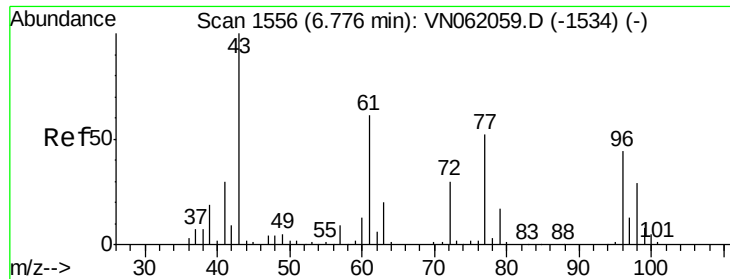
Tot Ion	96	Resp	31127
Ion	Ratio	Lower	Upper
96	100		
61	159.9	126.7	190.1
98	63.7	51.0	76.4



#21
 trans-1,2-Dichloroethene
 Concen: 5.646 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VN062135.D
 Acq: 26 Jun 2020 13:24

Tgt Ion	96	Resp	17877
Ion	Ratio	Lower	Upper
96	100		
61	145.5	101.4	152.2
98	66.0	49.3	73.9





#27

cis-1,2-Dichloroethene

Concen: 1739.029 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062135.D

Acq: 26 Jun 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622

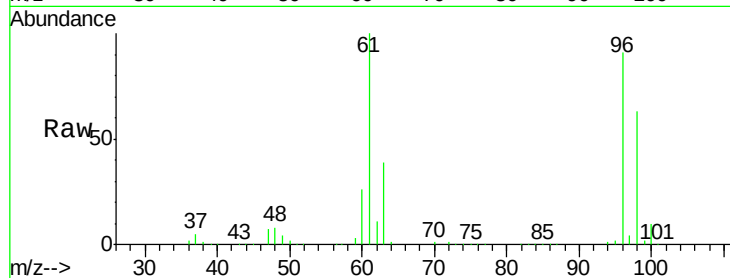
Tot Ion: 96 Resp: 6195499

Ion	Ratio	Lower	Upper
96	100		
61	113.8	0.0	280.4
98	66.8	0.0	129.4

96 100

61 113.8 0.0 280.4

98 66.8 0.0 129.4

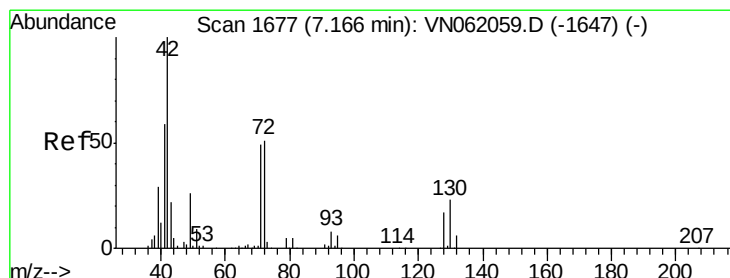
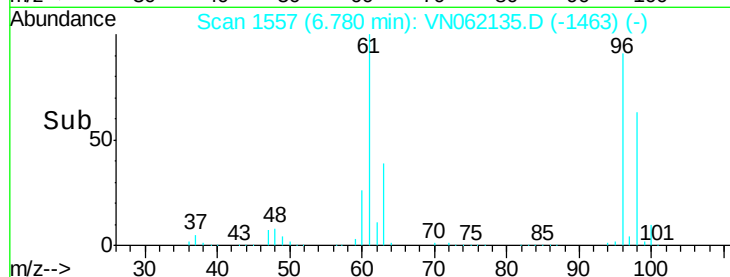
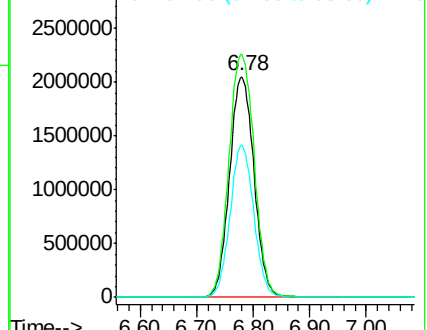


Abundance

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



#29

Tetrahydrofuran

Concen: 1.754 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VN062135.D

Acq: 26 Jun 2020 13:24

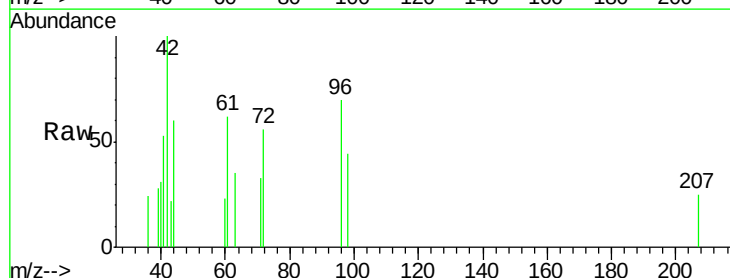
Tgt Ion: 42 Resp: 1907

Ion	Ratio	Lower	Upper
42	100		
72	31.1	41.1	61.7#
71	34.9	38.2	57.4#

42 100

72 31.1 41.1 61.7#

71 34.9 38.2 57.4#

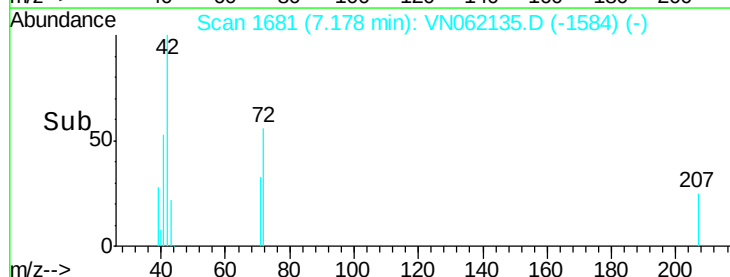
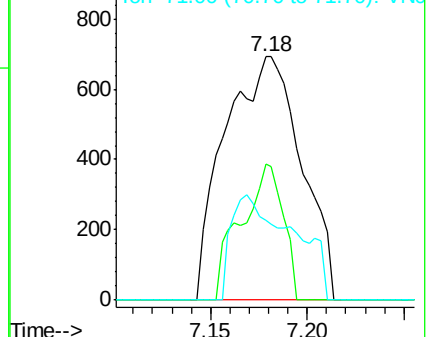


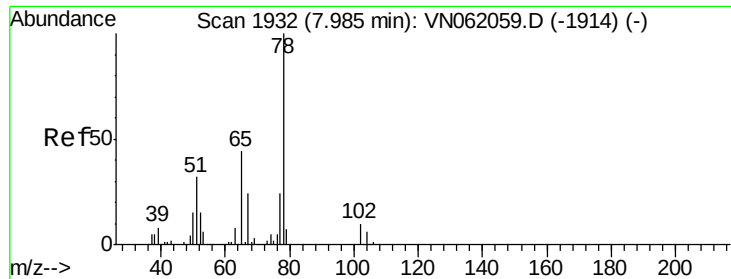
Abundance

Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

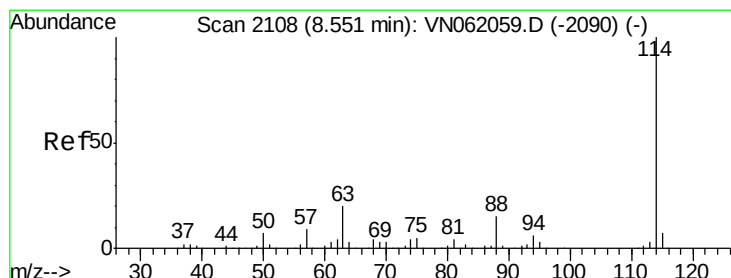
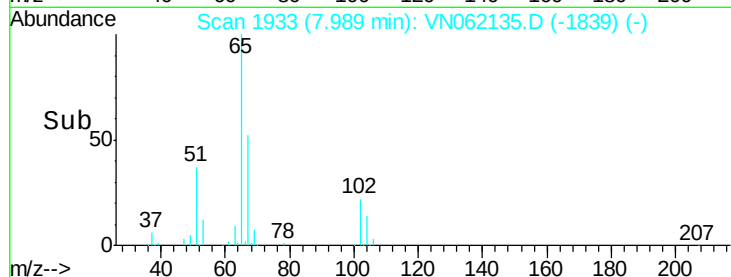
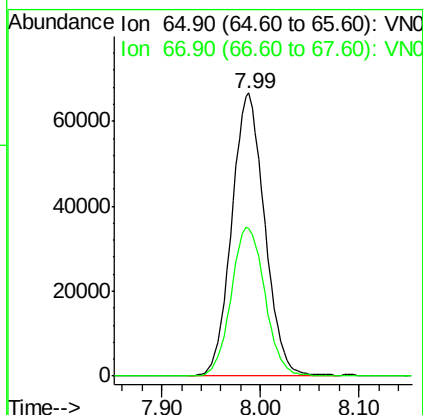
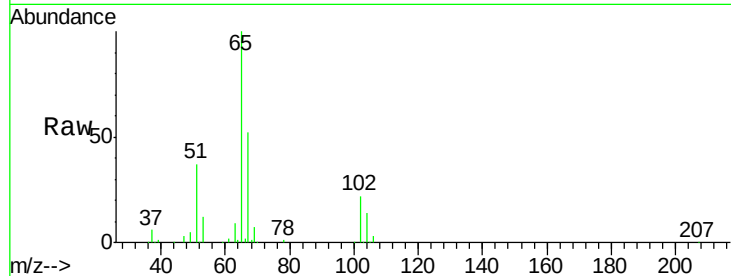




#33
 1,2-Dichloroethane-d4
 Concen: 45.608 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062135.D
 Acq: 26 Jun 2020 13:24

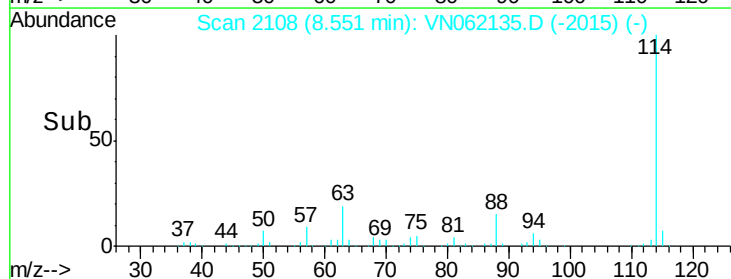
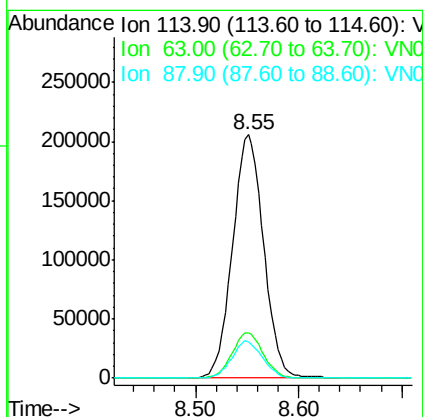
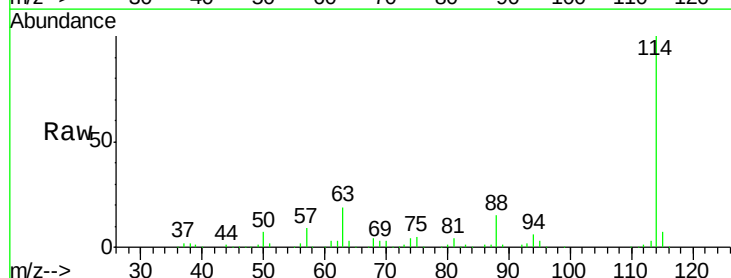
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622

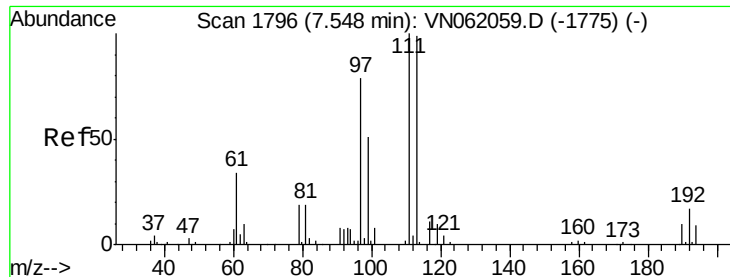
Tot Ion: 65 Resp: 154914
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062135.D
 Acq: 26 Jun 2020 13:24

Tgt Ion: 114 Resp: 431561
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 14.9 0.0 30.8

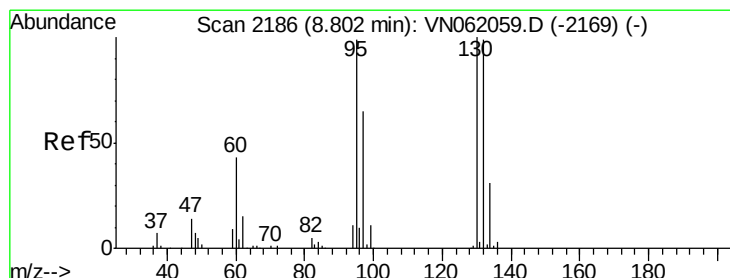
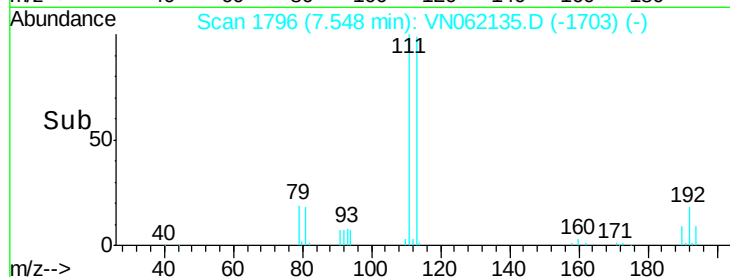
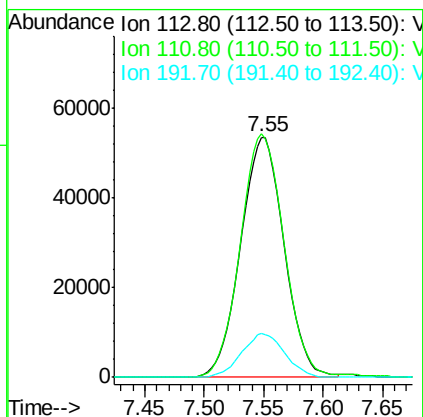
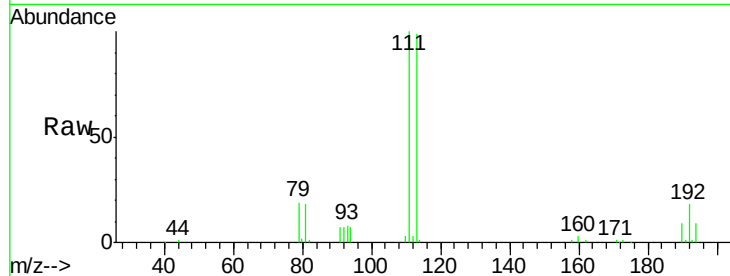




#35
 Dibromofluoromethane
 Concen: 48.867 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062135.D
 Acq: 26 Jun 2020 13:24

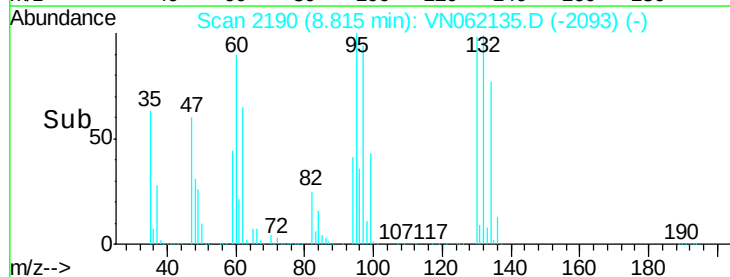
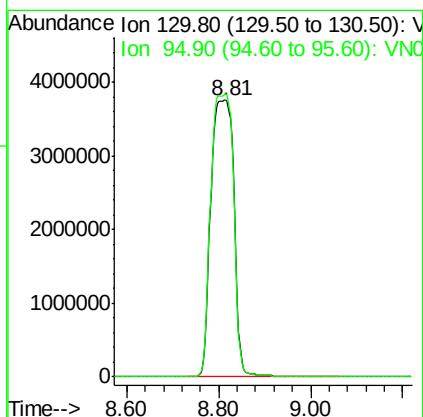
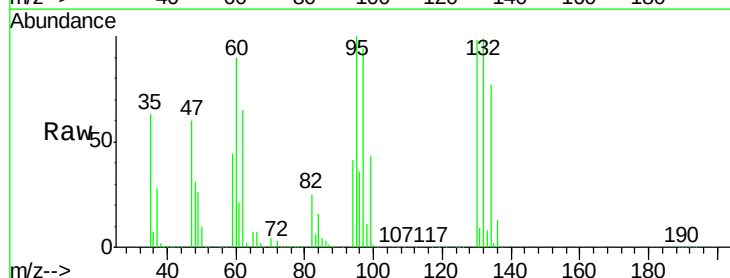
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622

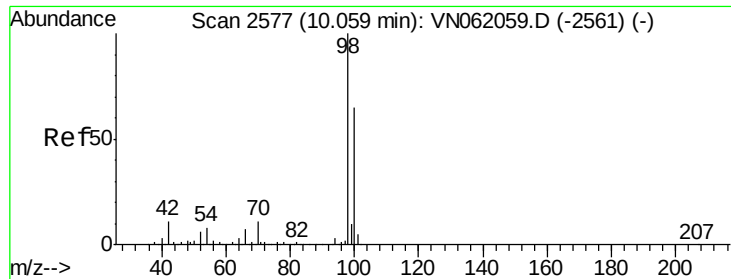
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	18.1	14.0	21.0



#44
 Trichloroethene
 Concen: 3926.822 ug/l
 RT: 8.81 min Scan# 2190
 Delta R.T. 0.01 min
 Lab File: VN062135.D
 Acq: 26 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	197.8





#50

Toluene-d8

Concen: 49.026 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062135.D

Acq: 26 Jun 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

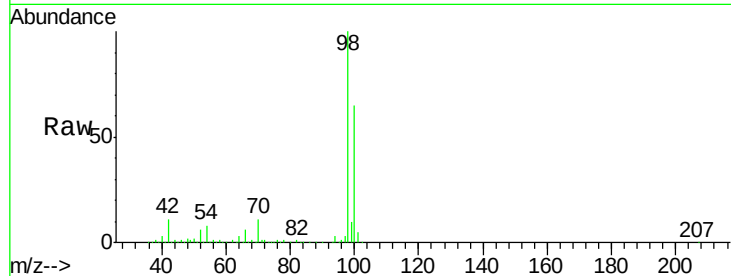
56BR-20200622

Tot Ion: 98 Resp: 542589

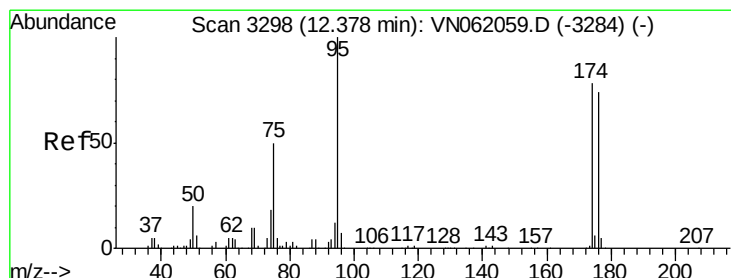
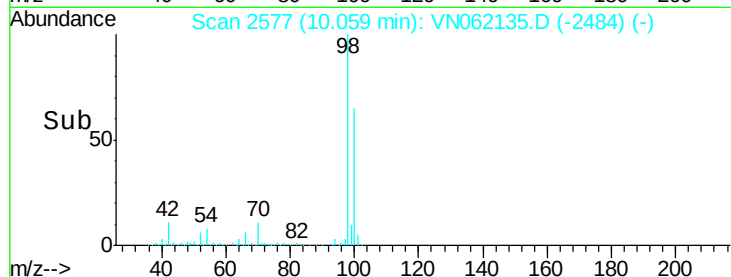
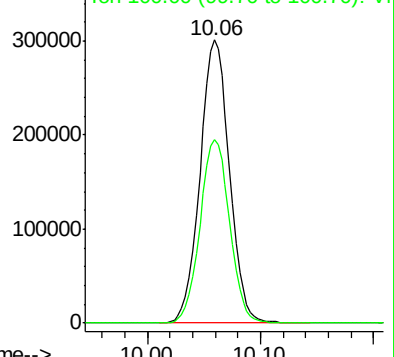
Ion Ratio Lower Upper

98 100

100 65.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062135.D (-2484) (-)



#62

4-Bromofluorobenzene

Concen: 47.851 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062135.D

Acq: 26 Jun 2020 13:24

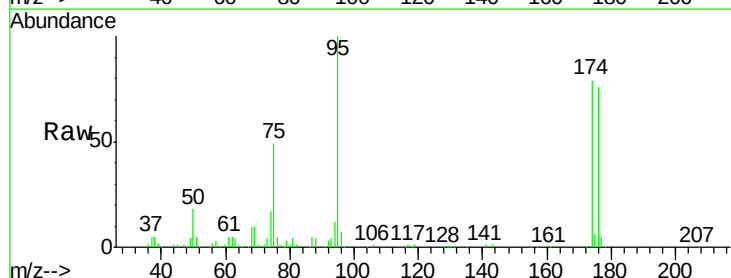
Tgt Ion: 95 Resp: 178923

Ion Ratio Lower Upper

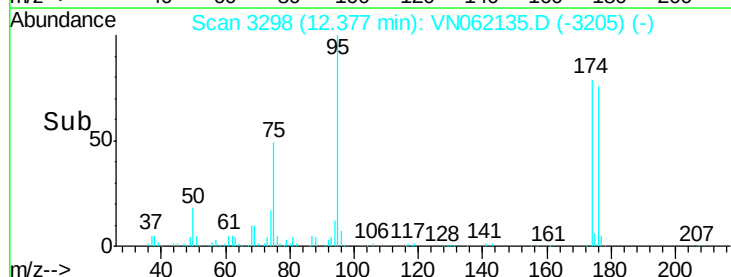
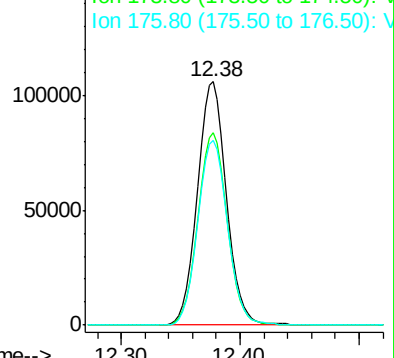
95 100

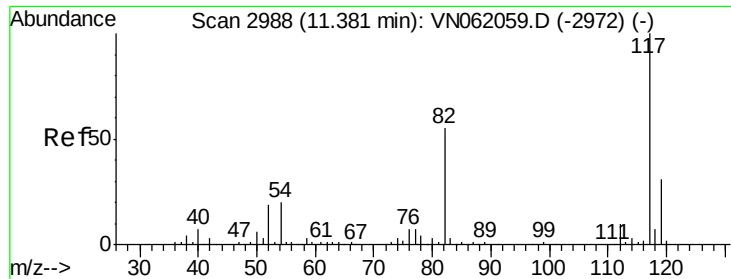
174 79.9 0.0 154.8

176 77.9 0.0 147.4



Abundance Ion 94.90 (94.60 to 95.60): VN062135.D (-3205) (-)

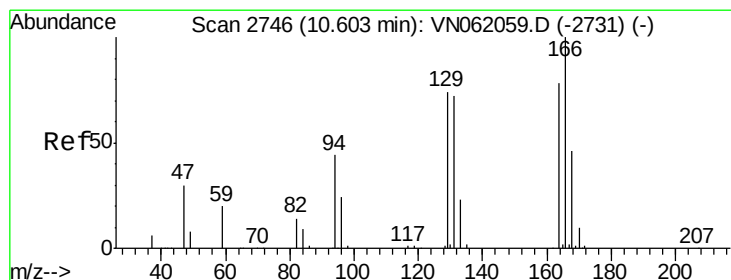
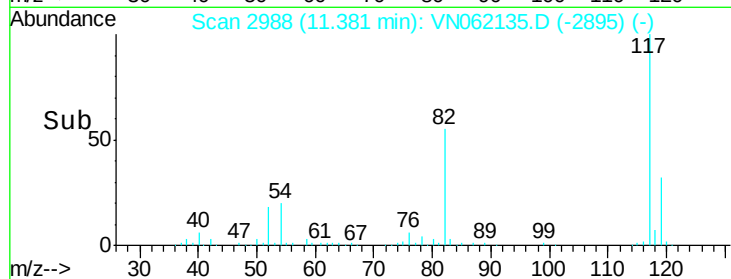
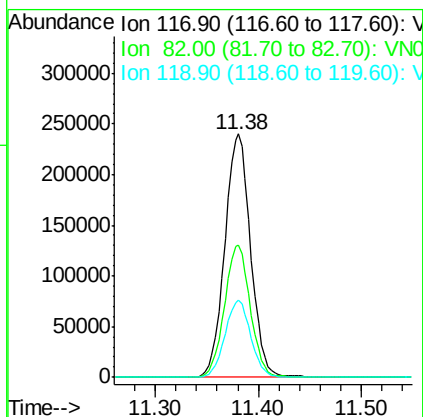
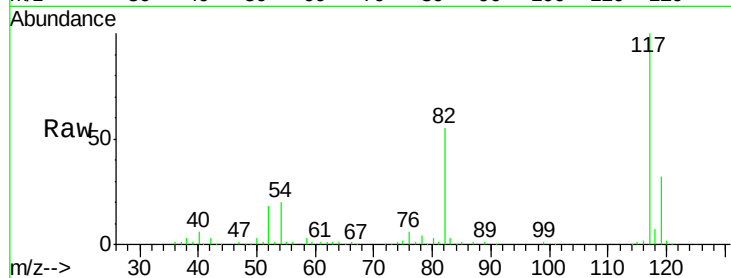




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062135.D
Acq: 26 Jun 2020 13:24

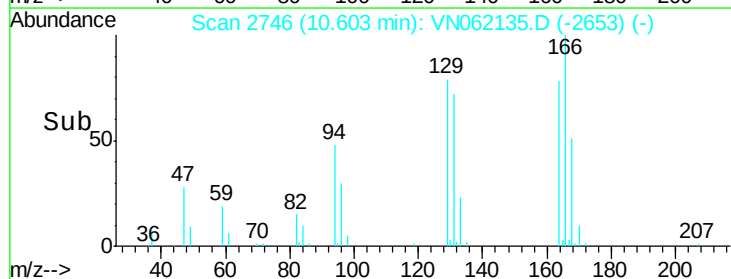
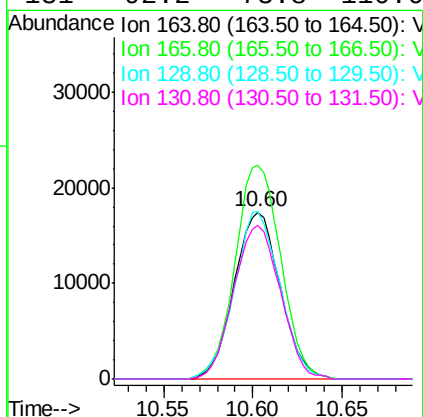
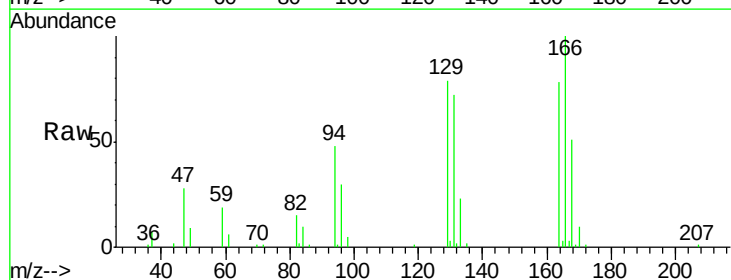
Instrument :
MSVOA_N
ClientSampleId :
56BR-20200622

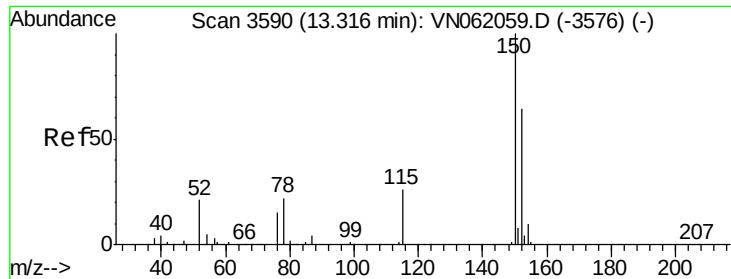
Tot Ion:117 Resp: 417808
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 11.016 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062135.D
Acq: 26 Jun 2020 13:24

Tgt Ion:164 Resp: 31439
Ion Ratio Lower Upper
164 100
166 128.2 102.9 154.3
129 101.0 75.8 113.8
131 92.2 73.8 110.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062135.D

Acq: 26 Jun 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

56BR-20200622

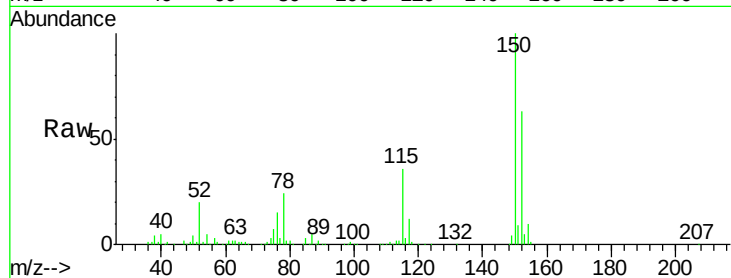
Tot Ion:152 Resp: 159659

Ion Ratio Lower Upper

152 100

115 57.0 29.5 88.5

150 158.9 0.0 351.4



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

