

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062708.D
 Acq On : 1 Aug 2020 1:10
 Operator : JC/MD
 Sample : L3518-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Aug 01 06:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	138010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89291	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	120486	56.20	ug/l	0.00
Spiked Amount			Recovery	=	112.40%	
35) Dibromofluoromethane	7.55	113	84024	51.89	ug/l	0.00
Spiked Amount			Recovery	=	103.78%	
50) Toluene-d8	10.06	98	320360	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.38	95	117600	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	

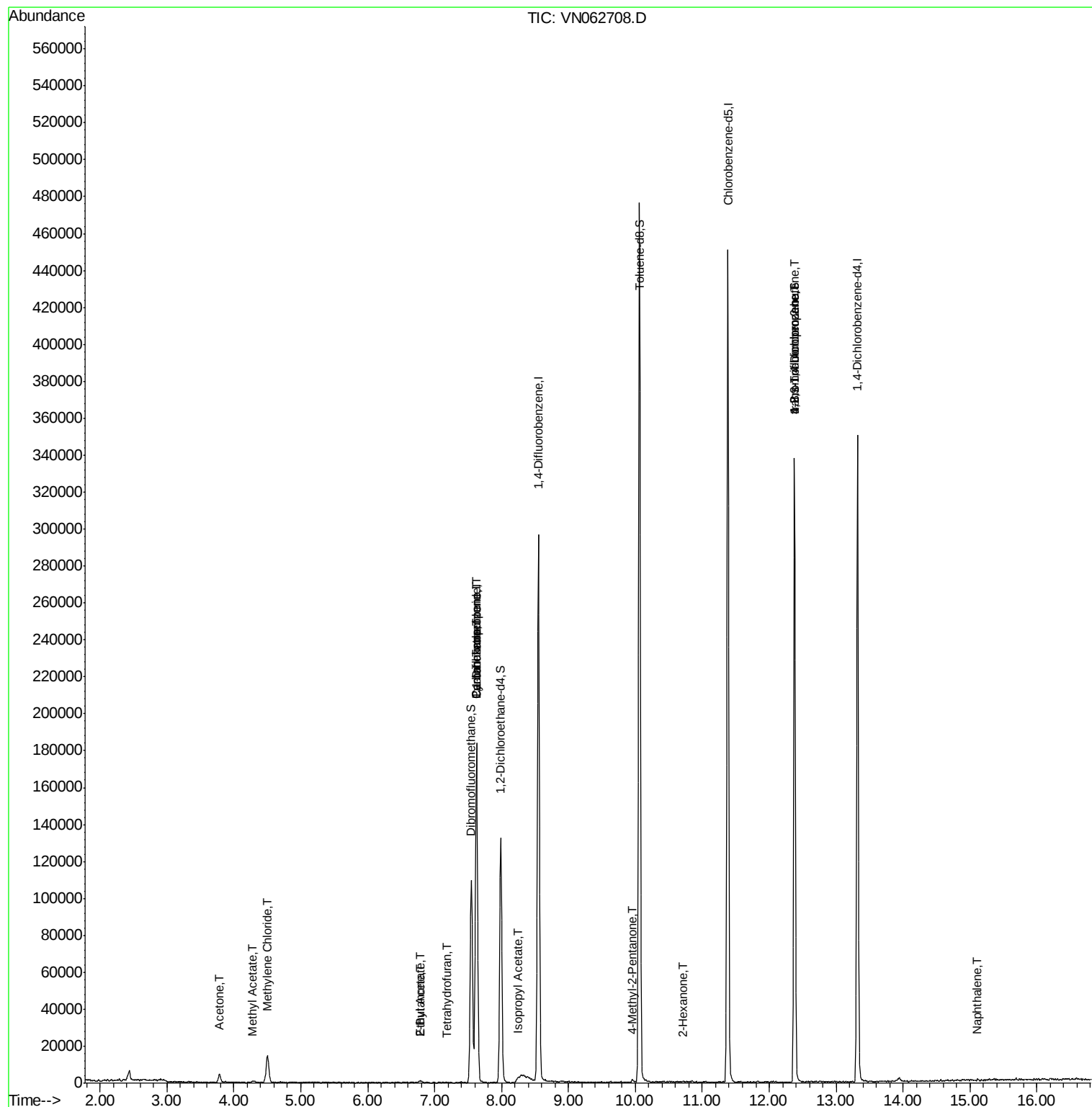
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	7071	8.765	ug/l	98
18) Methyl Acetate	4.27	43	542	0.265	ug/l #	56
20) Methylene Chloride	4.50	84	10419	5.385	ug/l	98
25) 2-Butanone	6.80	43	1354	1.102	ug/l #	52
29) Tetrahydrofuran	7.18	42	221	0.266	ug/l #	38
31) Cyclohexane	7.62	56	3358	1.063	ug/l #	15
36) 1,1-Dichloropropene	7.62	75	11935	4.542	ug/l #	50
37) Ethyl Acetate	6.80	43	1354	0.478	ug/l #	69
38) Carbon Tetrachloride	7.63	117	14800	5.860	ug/l #	17
43) Isopropyl Acetate	8.24	43	1518	0.332	ug/l #	55
51) 4-Methyl-2-Pentanone	9.96	43	2061	0.754	ug/l #	63
59) 2-Hexanone	10.72	43	43	2.979	ug/l #	26
76) 1,2,3-Trichloropropane	12.38	75	66236	29.143	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66236	81.128	ug/l #	12
95) Naphthalene	15.12	128	421	3.859	ug/l #	69

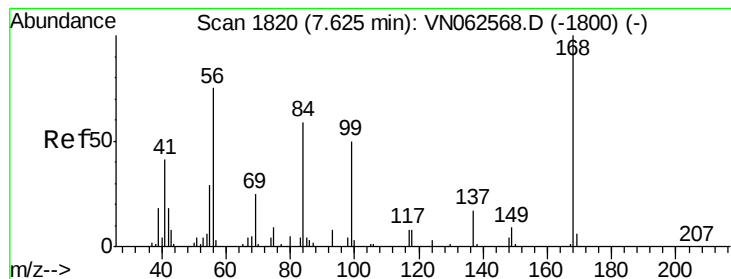
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 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: VN062708.D

Acq: 1 Aug 2020 1:10

Instrument :

MSVOA_N

ClientSampled :

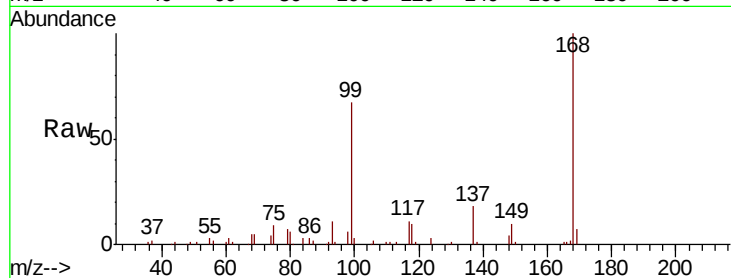
TP-9

Tot Ion:168 Resp: 138010

Ion Ratio Lower Upper

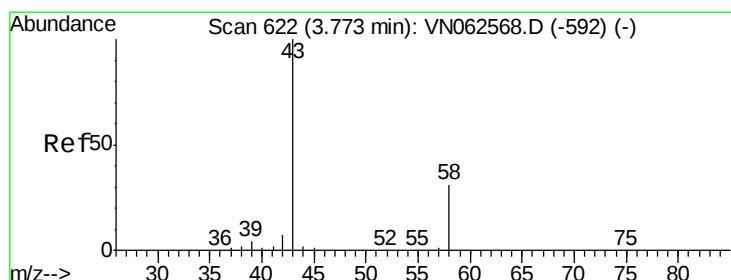
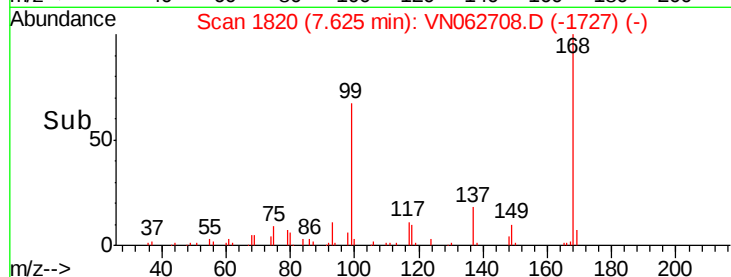
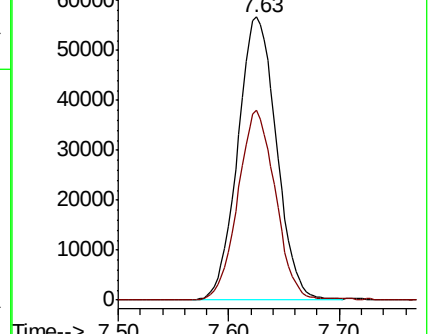
168 100

99 67.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.765 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062708.D

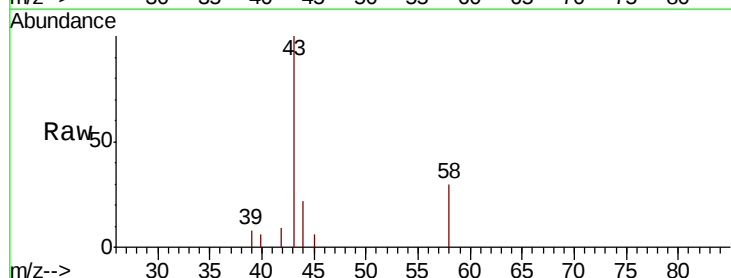
Acq: 1 Aug 2020 1:10

Tgt Ion: 43 Resp: 7071

Ion Ratio Lower Upper

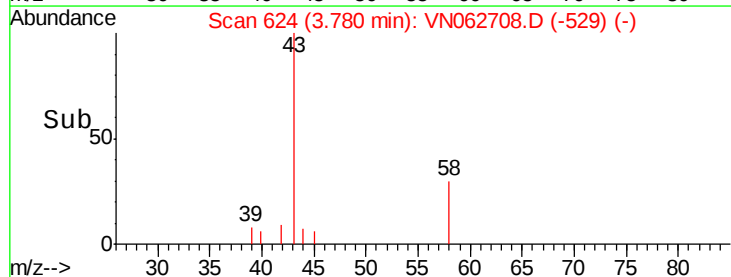
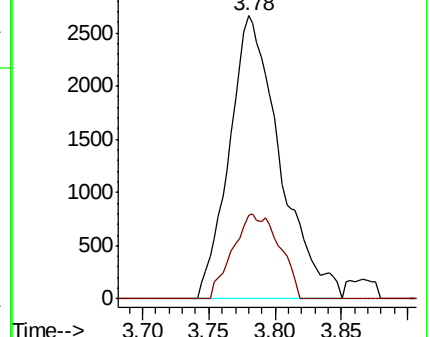
43 100

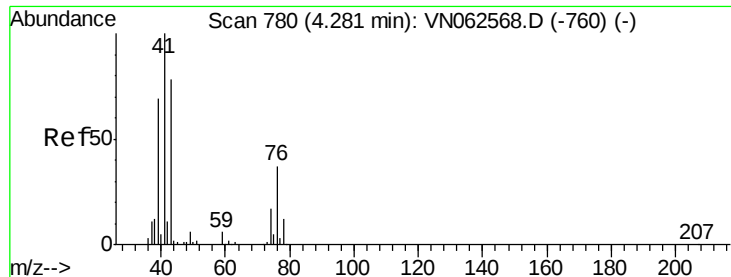
58 29.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

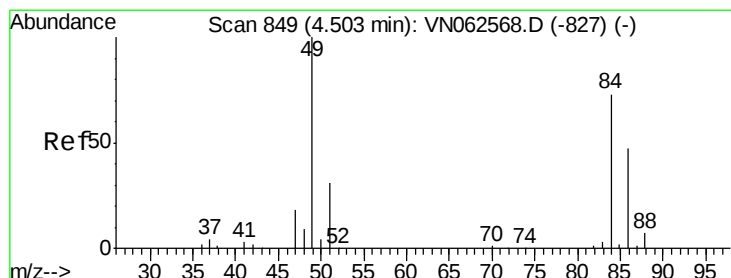
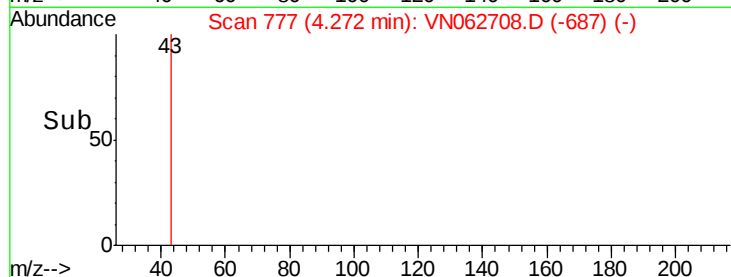
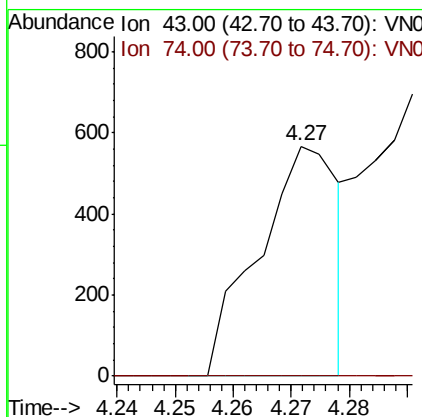
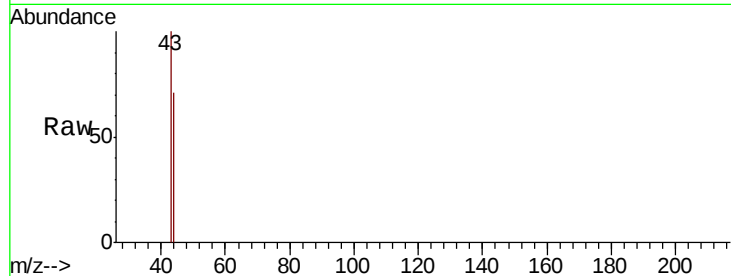




#18
Methvl Acetate
Concen: 0.265 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

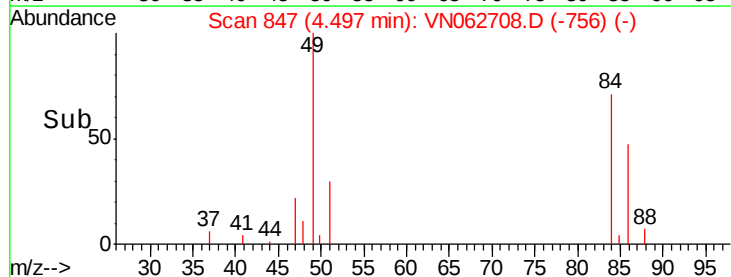
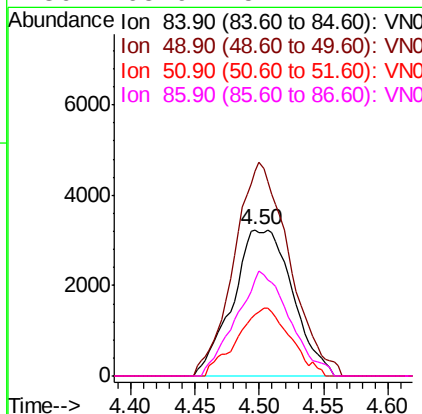
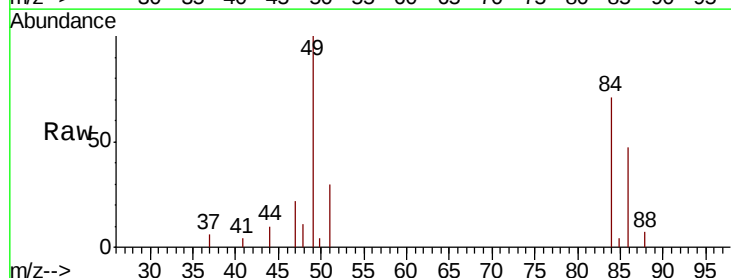
Instrument :
MSVOA_N
ClientSampled :
TP-9

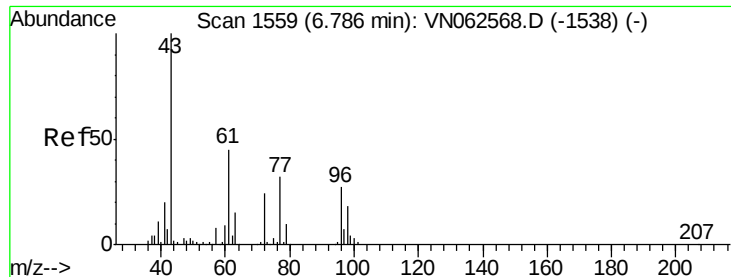
Tot Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 5.385 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

Tgt Ion: 84 Resp: 10419
Ion Ratio Lower Upper
84 100
49 140.4 109.4 164.0
51 42.0 33.6 50.4
86 65.9 51.4 77.2

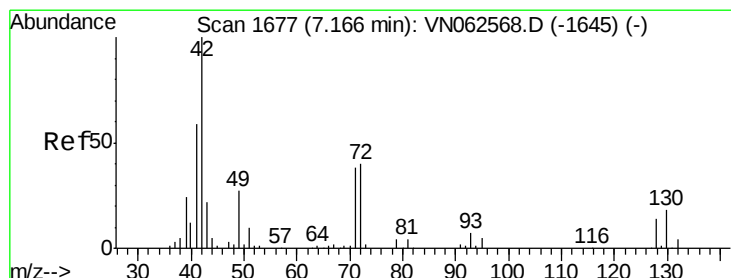
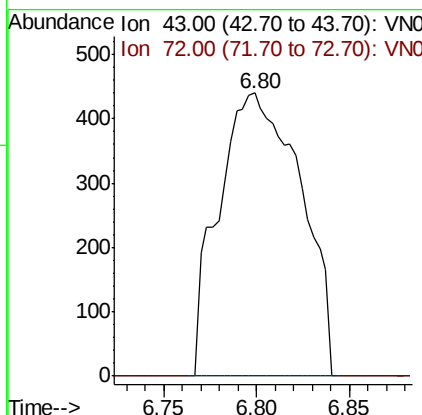
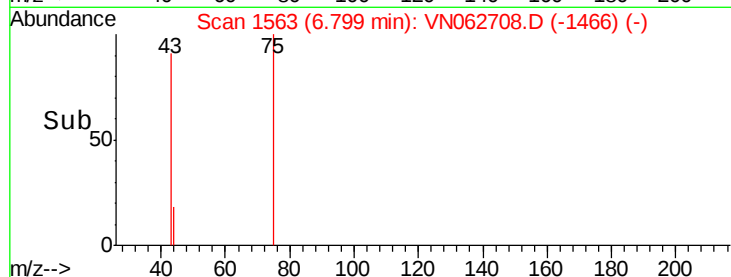
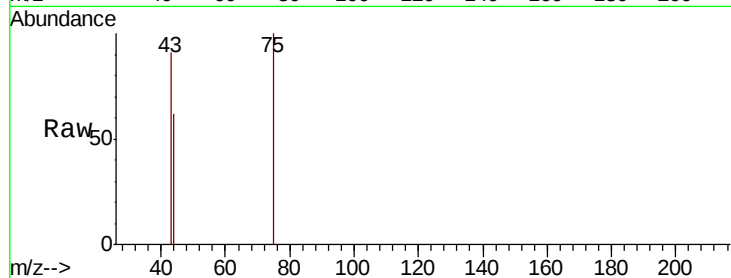




#25
2-Butanone
Concen: 1.102 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

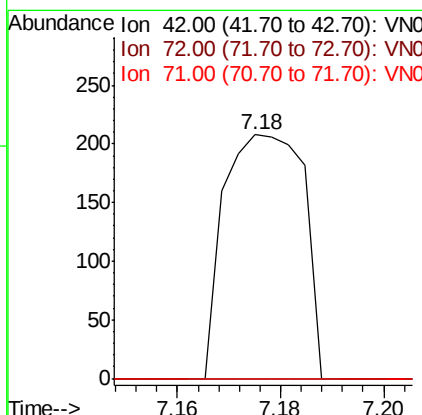
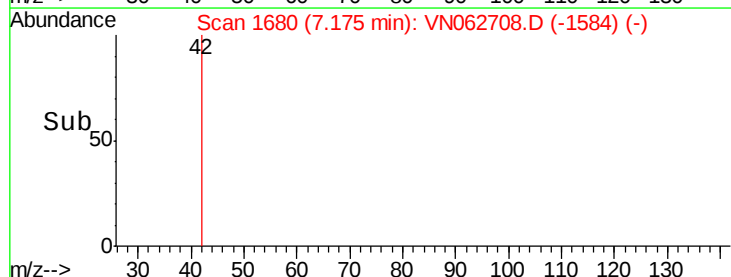
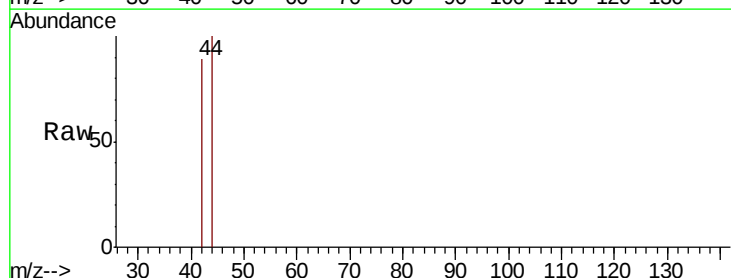
Instrument :
MSVOA_N
ClientSampleId :
TP-9

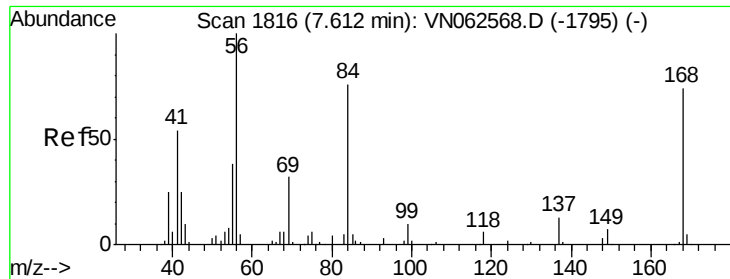
Tot Ion: 43 Resp: 1354
Ion Ratio Lower Upper
43 100
72 0.0 19.0 28.6#



#29
Tetrahydrofuran
Concen: 0.266 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

Tgt Ion: 42 Resp: 221
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 29.1 43.7#

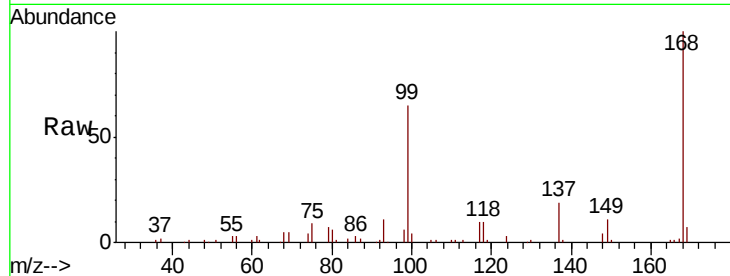




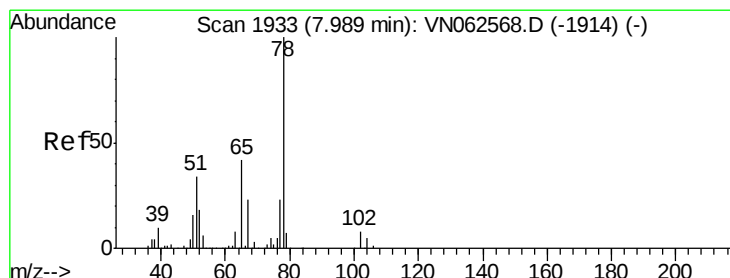
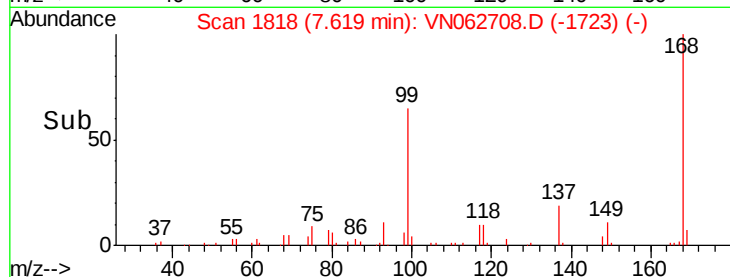
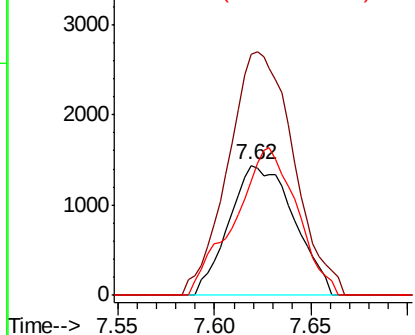
#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.62 min Scan# 1816
Delta R.T. 0.01 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

Instrument :
MSVOA_N
ClientSampled :
TP-9

Tot Ion: 56 Resp: 3358
Ion Ratio Lower Upper
56 100
69 173.6 25.3 37.9#
84 87.9 61.0 91.4

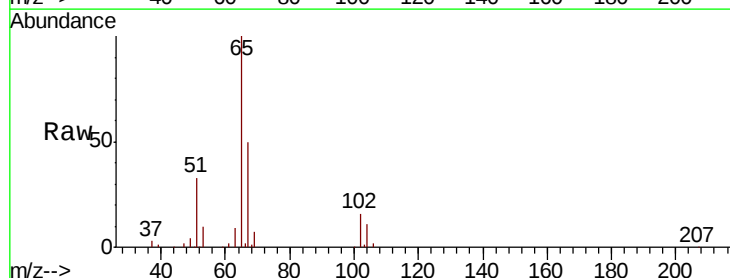


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

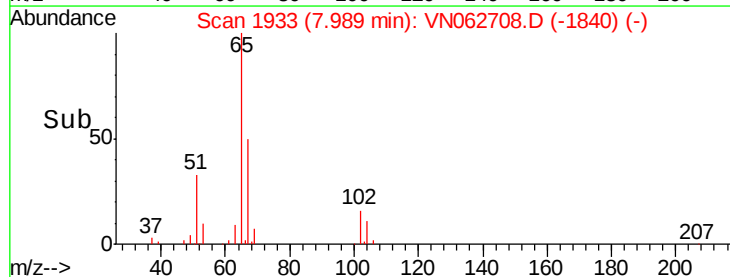
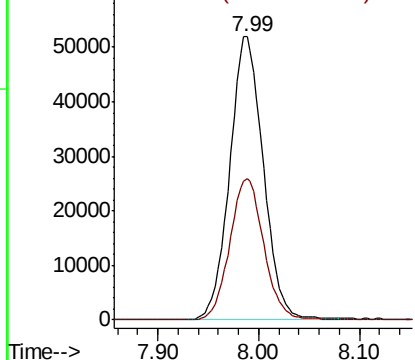


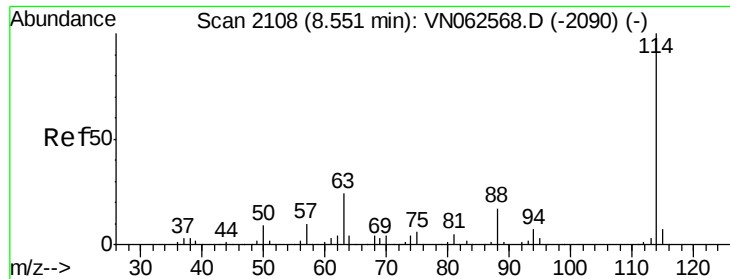
#33
1,2-Dichloroethane-d4
Concen: 56.199 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

Tgt Ion: 65 Resp: 120486
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

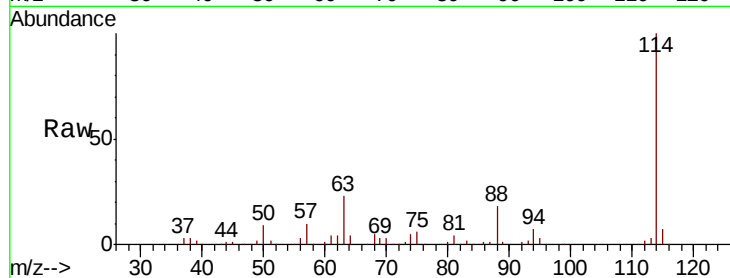




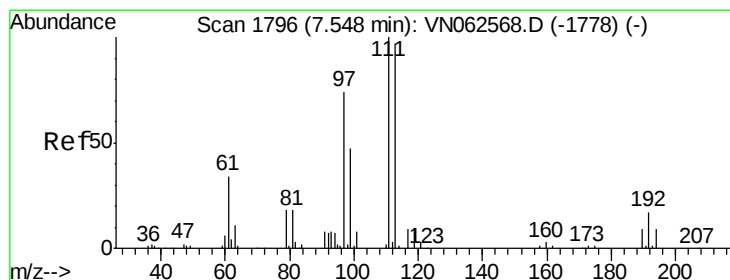
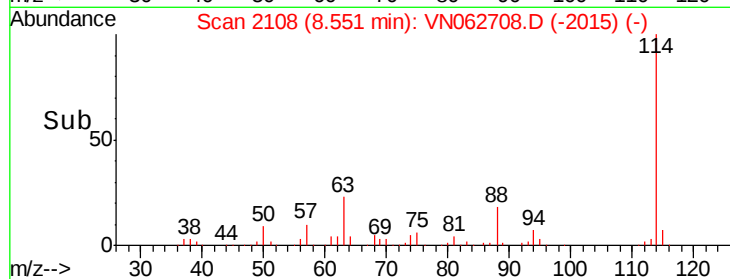
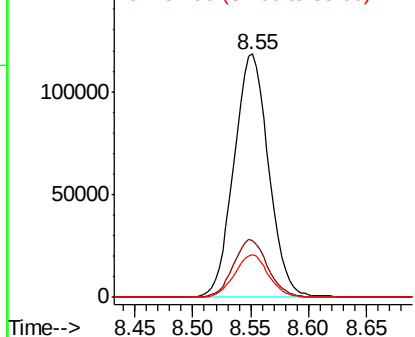
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062708.D
 Acq: 1 Aug 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	48.4
88	17.6	0.0	33.8

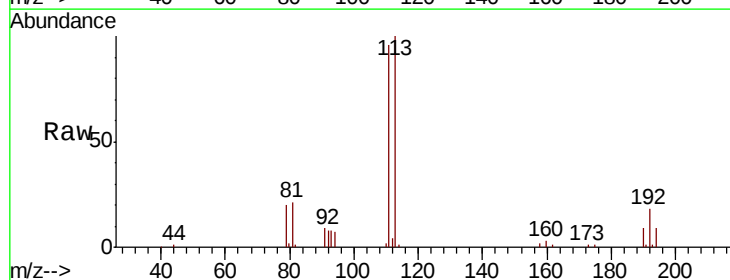


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

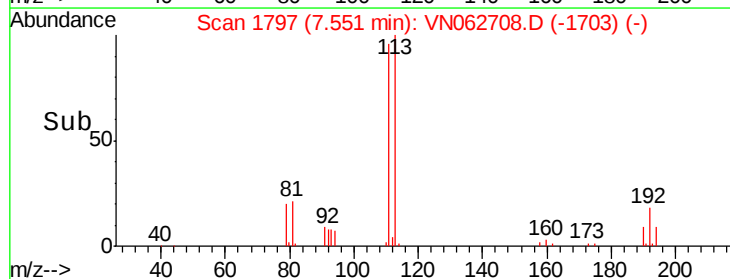
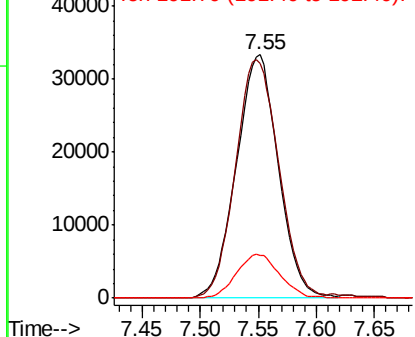


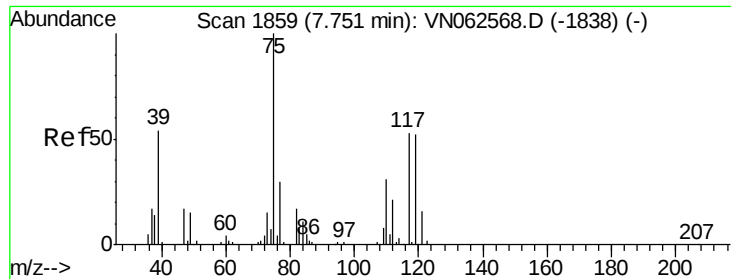
#35
 Dibromofluoromethane
 Concen: 51.888 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062708.D
 Acq: 1 Aug 2020 1:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.7	124.1
192	18.5	14.8	22.2



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

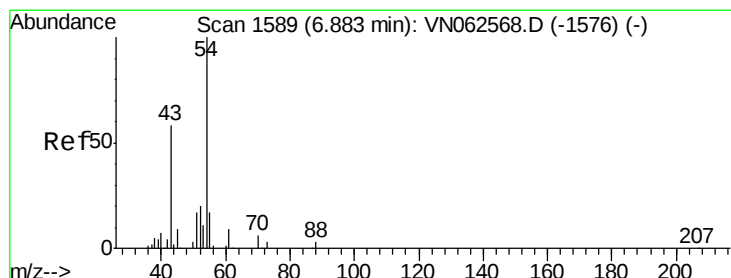
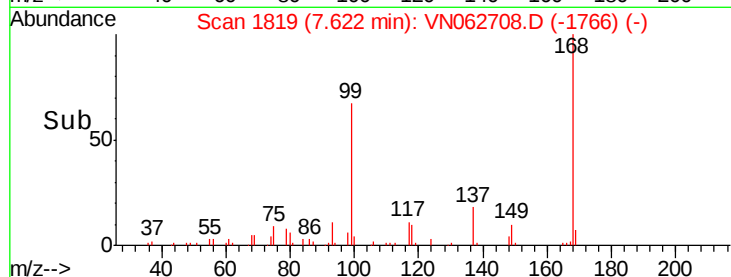
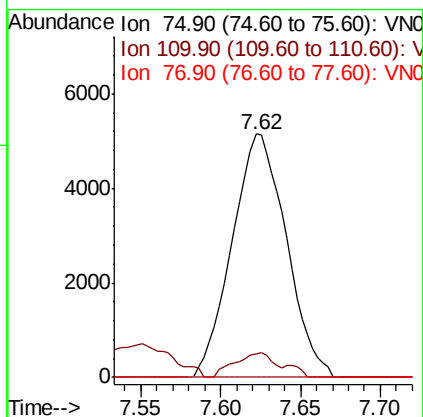
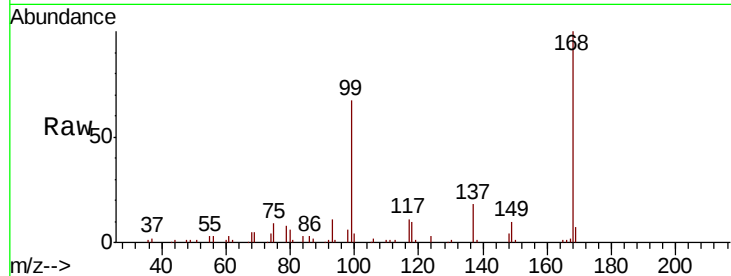




#36
 1,1-Dichloropropene
 Concen: 4.542 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062708.D
 Acq: 1 Aug 2020 1:10

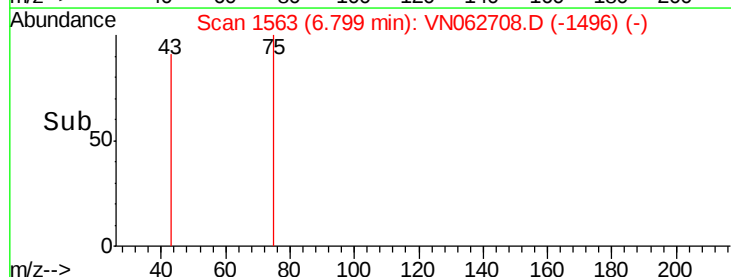
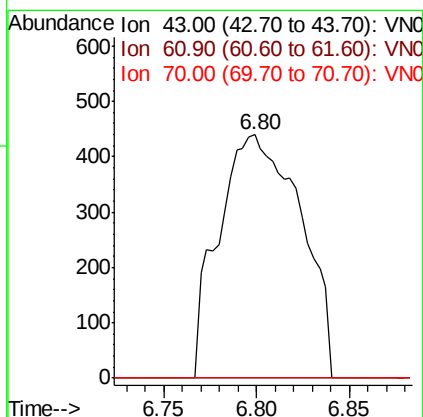
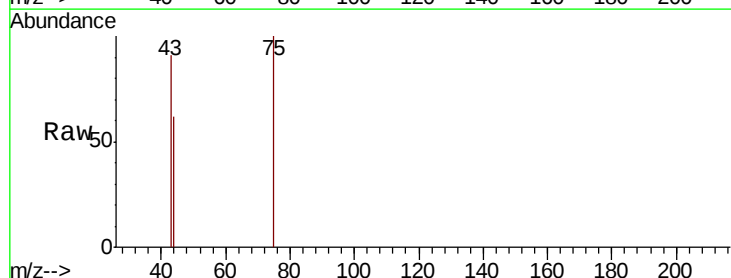
Instrument :
 MSVOA_N
 ClientSampled :
 TP-9

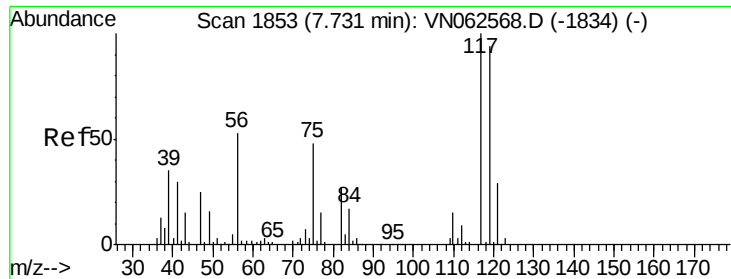
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.2	16.0	48.0#
77	0.0	24.6	36.8#



#37
 Ethyl Acetate
 Concen: 0.478 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.08 min
 Lab File: VN062708.D
 Acq: 1 Aug 2020 1:10

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	0.0	7.7	11.5#





#38

Carbon Tetrachloride

Concen: 5.860 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062708.D

Acq: 1 Aug 2020 1:10

Instrument :

MSVOA_N

ClientSampled :

TP-9

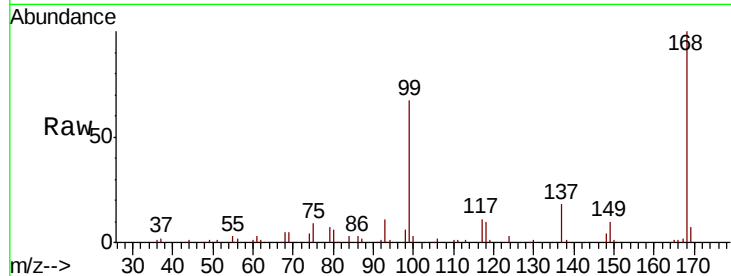
Tot Ion:117 Resp: 14800

Ion Ratio Lower Upper

117 100

119 5.5 74.8 112.2#

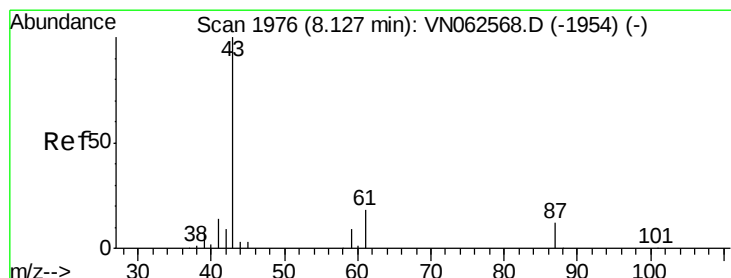
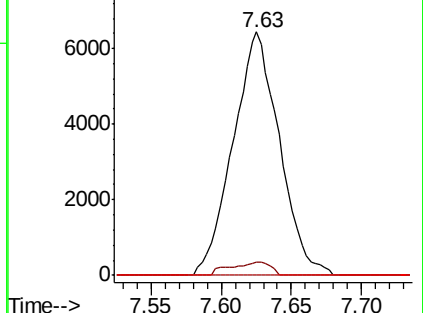
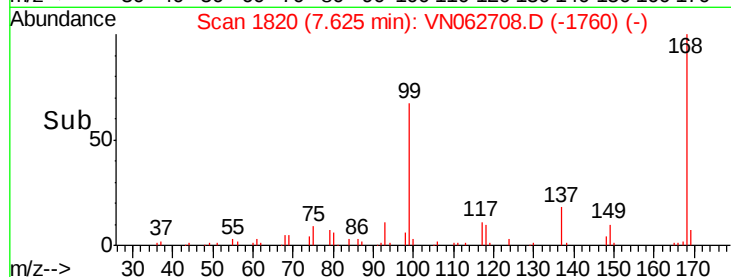
121 0.0 23.0 34.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.332 ug/l

RT: 8.24 min Scan# 2011

Delta R.T. 0.11 min

Lab File: VN062708.D

Acq: 1 Aug 2020 1:10

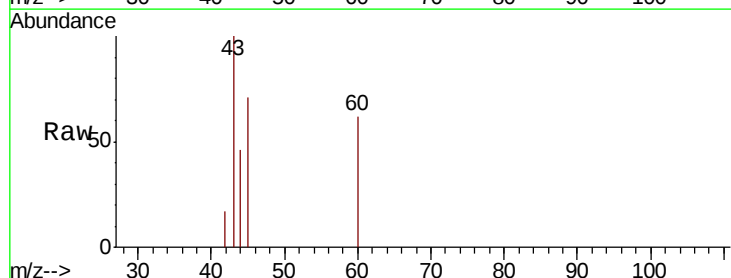
Tgt Ion: 43 Resp: 1518

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

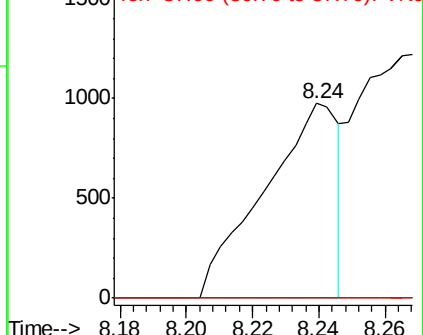
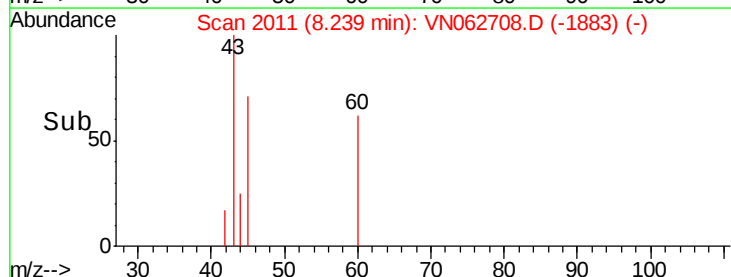
87 0.0 9.2 13.8#

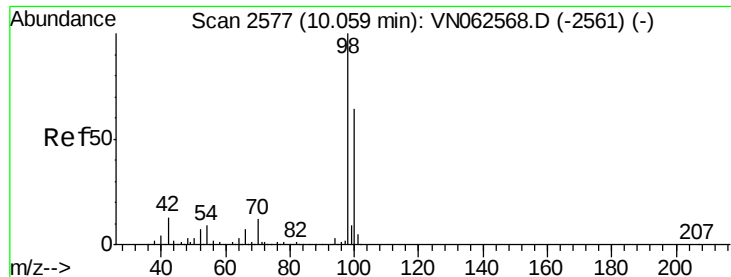


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 49.584 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062708.D

Acq: 1 Aug 2020 1:10

Instrument :

MSVOA_N

ClientSampled :

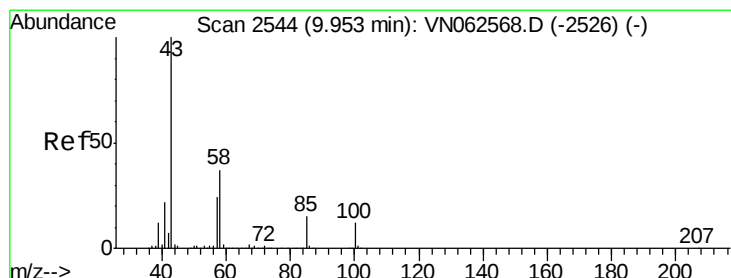
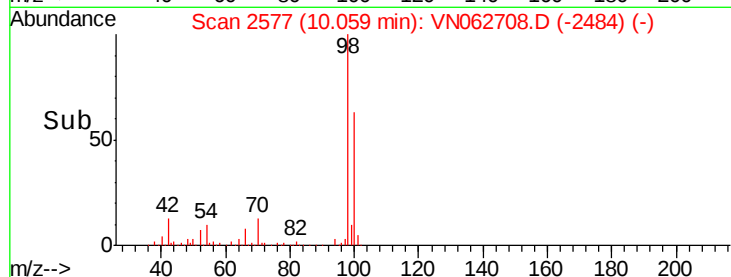
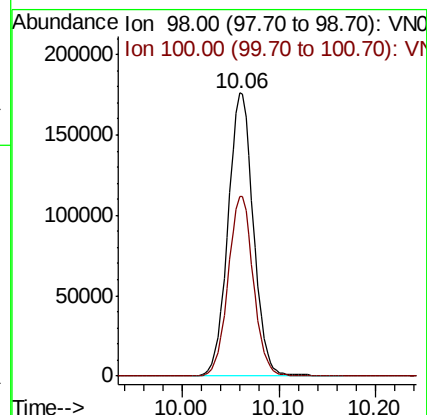
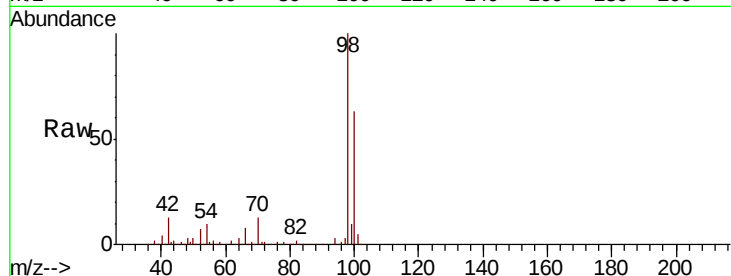
TP-9

Tot Ion: 98 Resp: 320360

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.754 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN062708.D

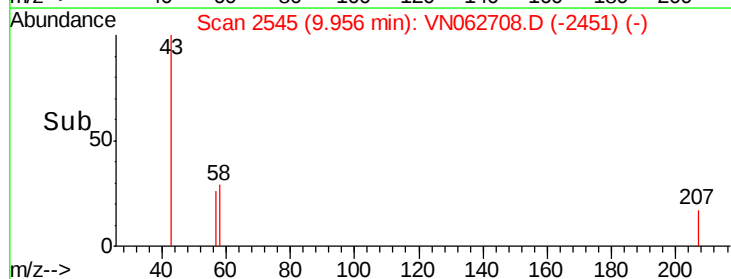
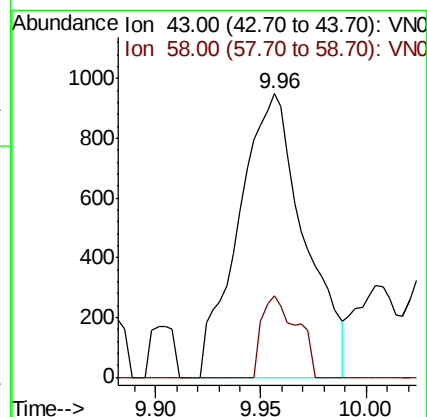
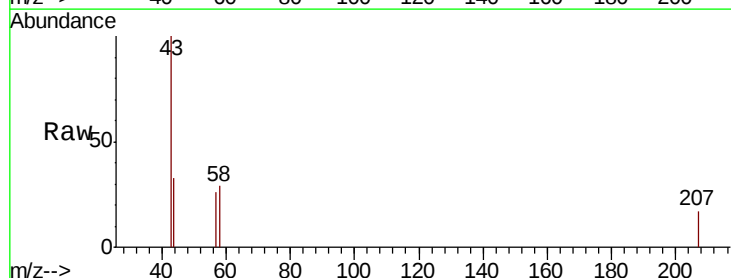
Acq: 1 Aug 2020 1:10

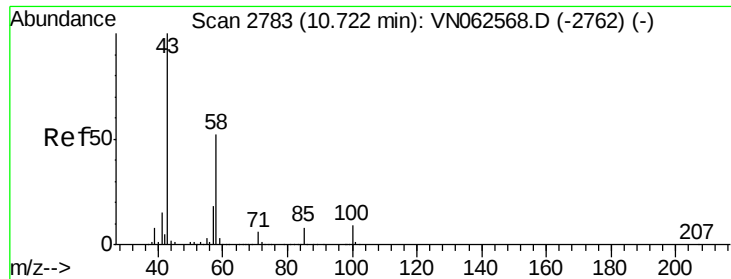
Tgt Ion: 43 Resp: 2061

Ion Ratio Lower Upper

43 100

58 15.3 29.8 44.6#

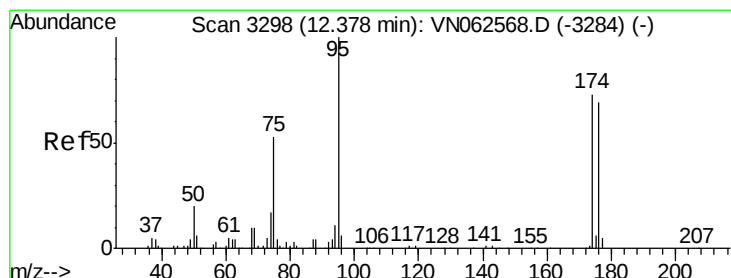
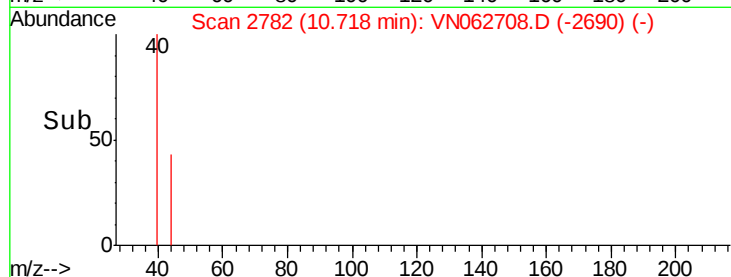
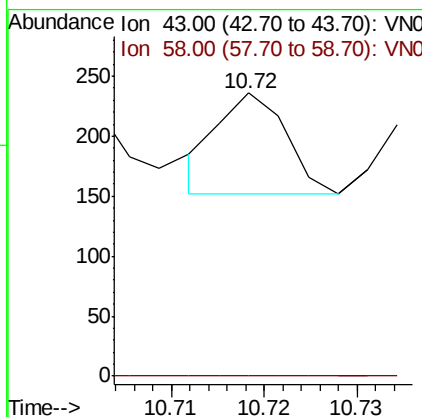
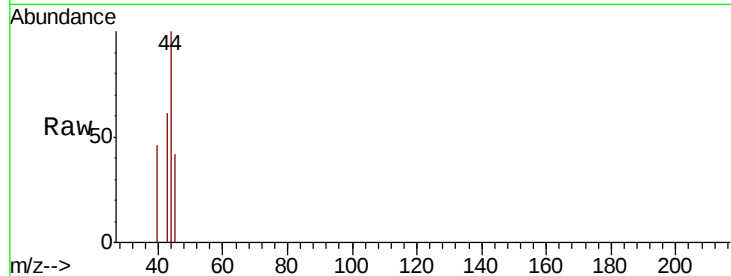




#59
2-Hexanone
Concen: 2.979 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.00 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

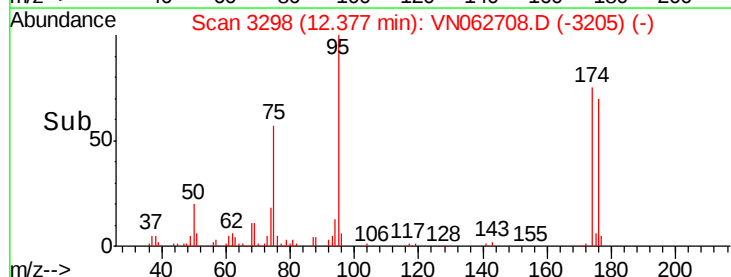
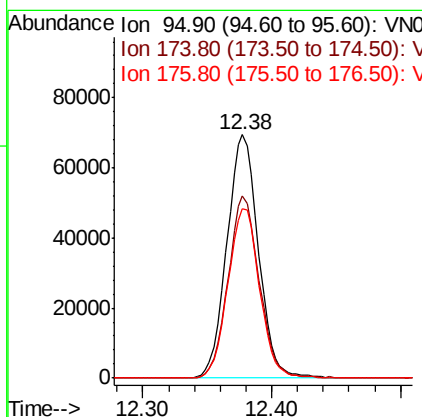
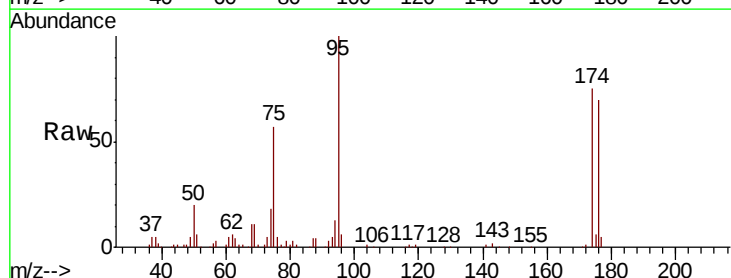
Instrument :
MSVOA_N
ClientSampled :
TP-9

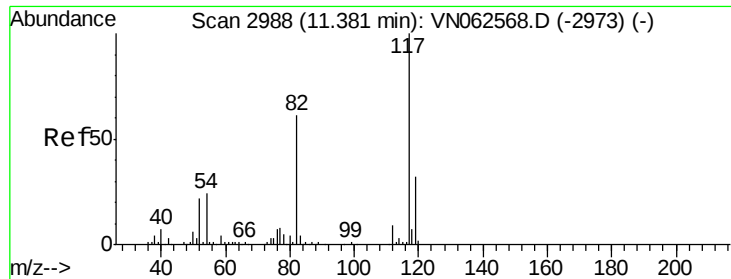
Tot Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
58 0.0 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 49.779 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

Tgt Ion: 95 Resp: 117600
Ion Ratio Lower Upper
95 100
174 74.0 0.0 144.6
176 70.4 0.0 139.4

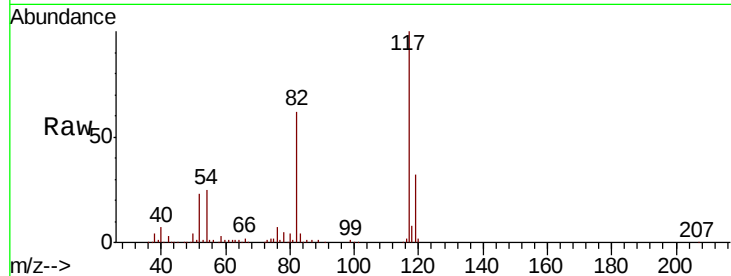




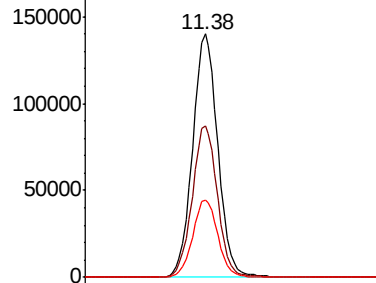
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
TP-9

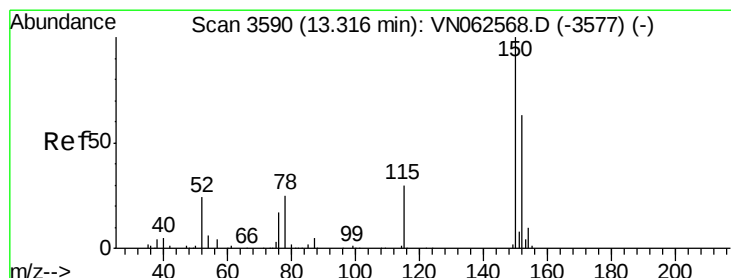
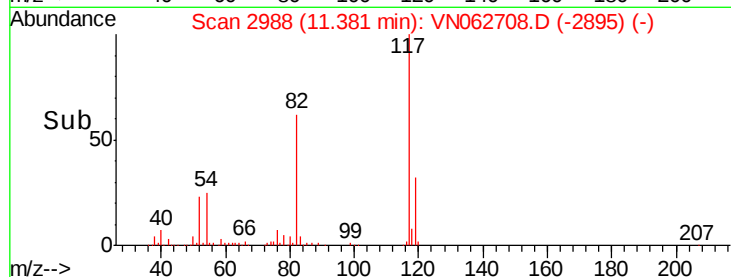
Tot Ion:117 Resp: 244964
Ion Ratio Lower Upper
117 100
82 62.4 49.0 73.6
119 31.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

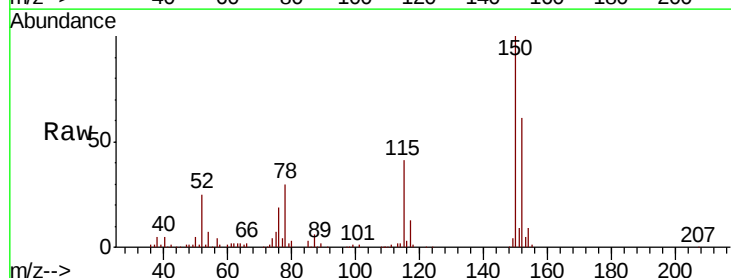


Time-->

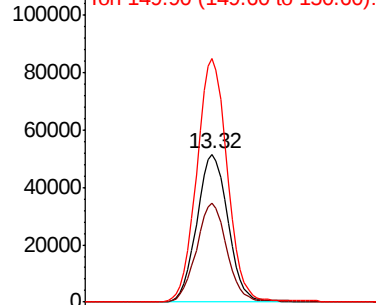


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062708.D
Acq: 1 Aug 2020 1:10

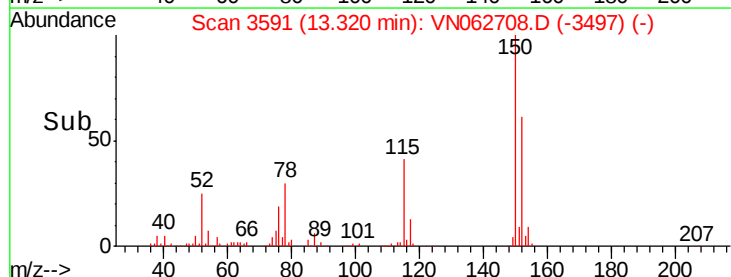
Tgt Ion:152 Resp: 89291
Ion Ratio Lower Upper
152 100
115 64.6 31.8 95.4
150 161.3 0.0 351.4

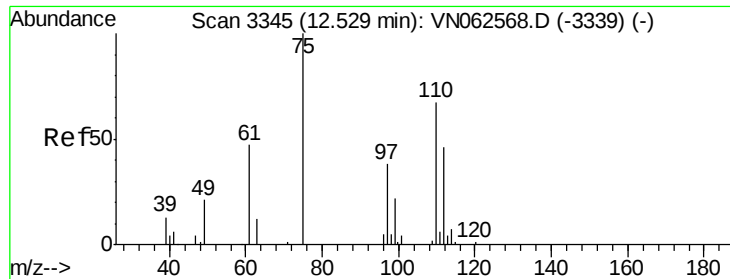


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->

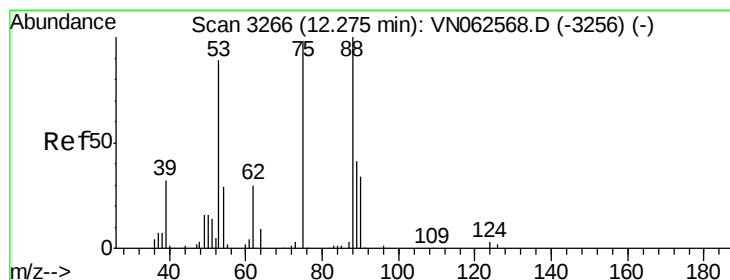
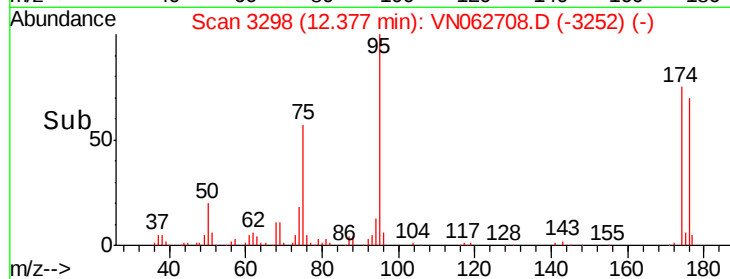
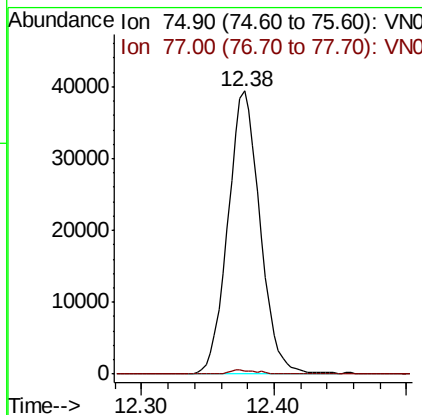
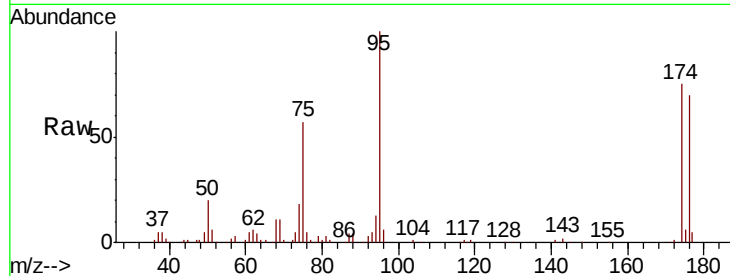




#76
 1,2,3-Trichloropropane
 Concen: 29.143 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062708.D
 Acq: 1 Aug 2020 1:10

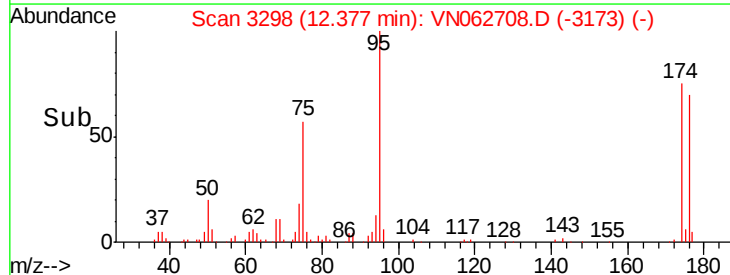
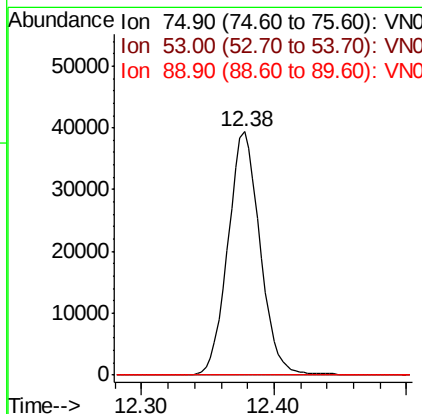
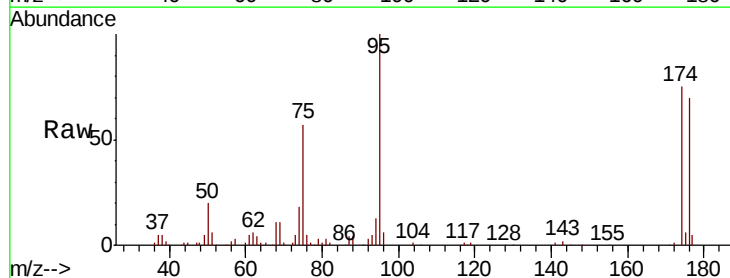
Instrument :
 MSVOA_N
 ClientSampled :
 TP-9

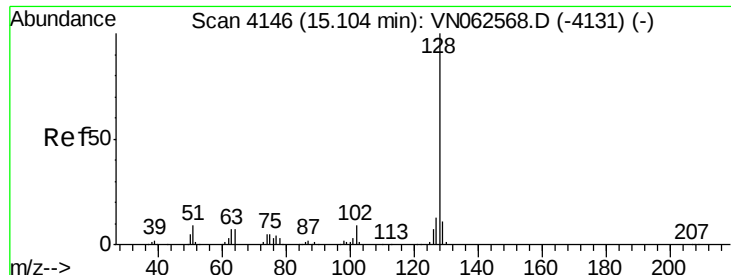
Tot Ion: 75 Resp: 66236
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.128 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062708.D
 Acq: 1 Aug 2020 1:10

Tgt Ion: 75 Resp: 66236
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 34.5 51.7#





#95

Naphthalene

Concen: 3.859 ug/l

RT: 15.12 min Scan# 4150

Delta R.T. 0.01 min

Lab File: VN062708.D

Acq: 1 Aug 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

TP-9

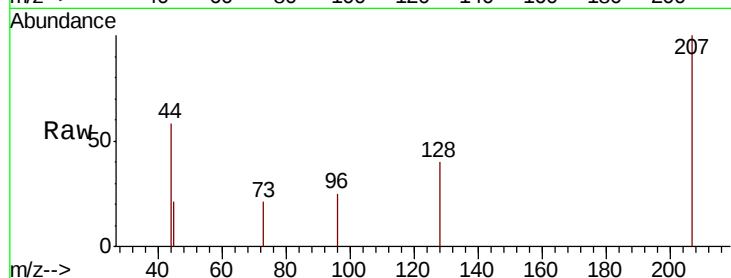
Tot Ion:128 Resp: 421

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

