

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062200.D
 Acq On : 29 Jun 2020 20:08
 Operator : JC/MD
 Sample : L3127-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB03-20200625

Quant Time: Jun 30 04:29:11 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	199561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	378647	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	361828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126754	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	150074	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
35) Dibromofluoromethane	7.55	113	124593	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
50) Toluene-d8	10.06	98	481523	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.38	95	151171	46.08	ug/l	0.00
Spiked Amount			Recovery	=	92.16%	

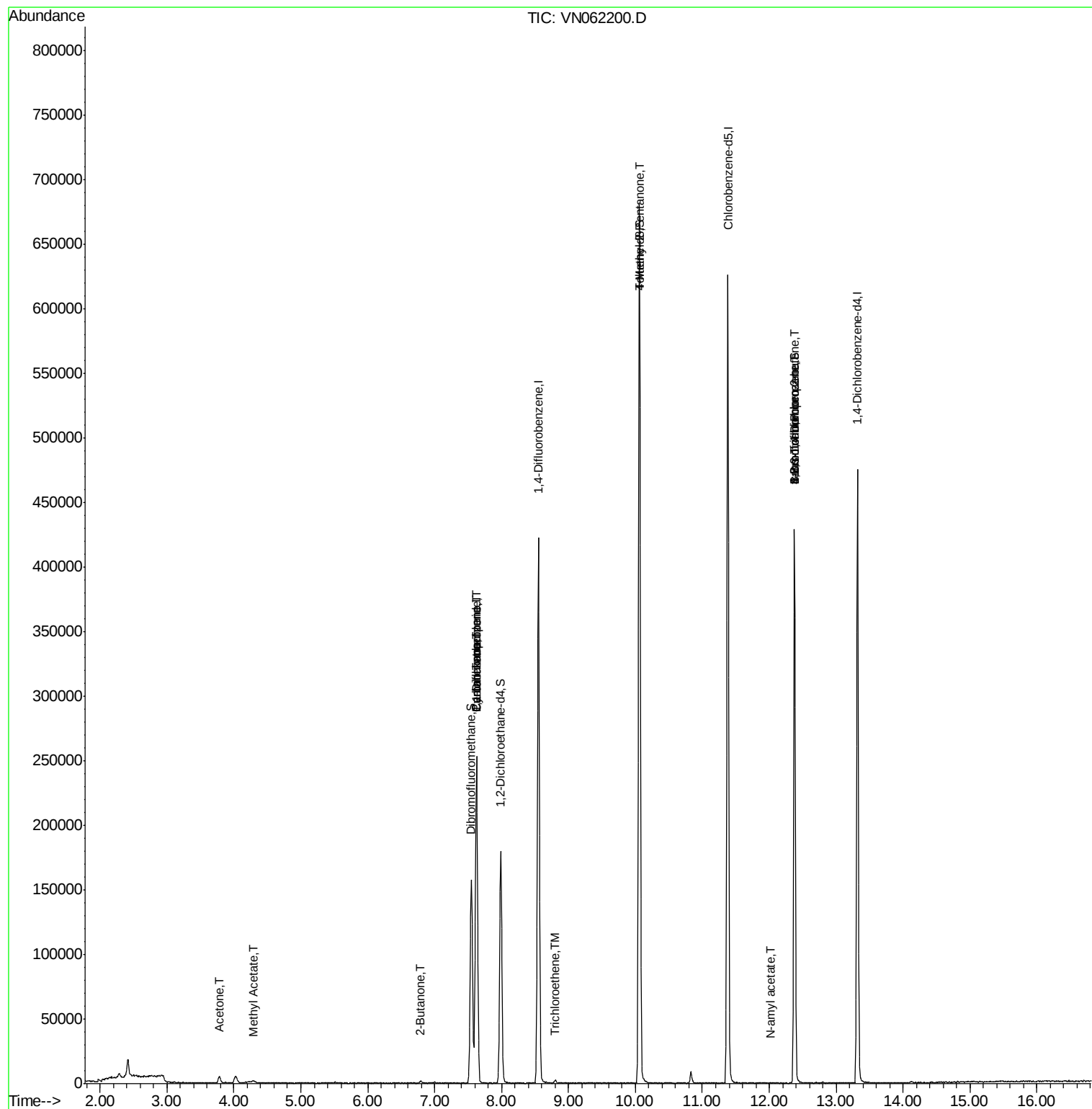
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1061	Below Cal		96
16) Acetone	3.78	43	8225	5.393	ug/l	96
18) Methyl Acetate	4.29	43	684	0.307	ug/l #	46
25) 2-Butanone	6.79	43	477	0.348	ug/l #	85
31) Cyclohexane	7.63	56	4825	1.247	ug/l #	27
36) 1,1-Dichloropropene	7.63	75	16776	4.408	ug/l #	47
38) Carbon Tetrachloride	7.63	117	20469	5.705	ug/l #	15
44) Trichloroethene	8.80	130	987	0.337	ug/l	79
51) 4-Methyl-2-Pentanone	10.06	43	2139	0.713	ug/l #	1
71) Bromoform	12.38	173	1362	0.697	ug/l #	1
74) N-amyl acetate	12.03	43	59	3.358	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	77798	26.073	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	77798	76.142	ug/l #	13

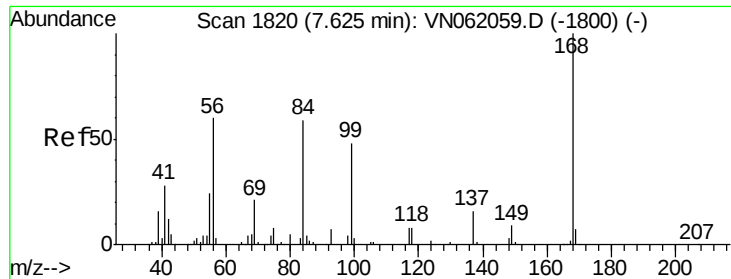
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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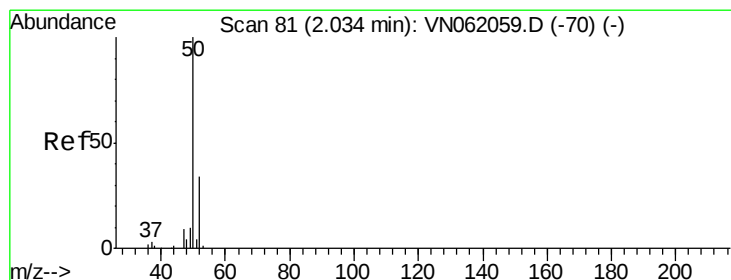
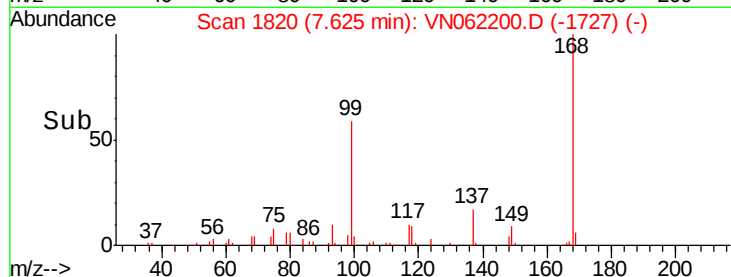
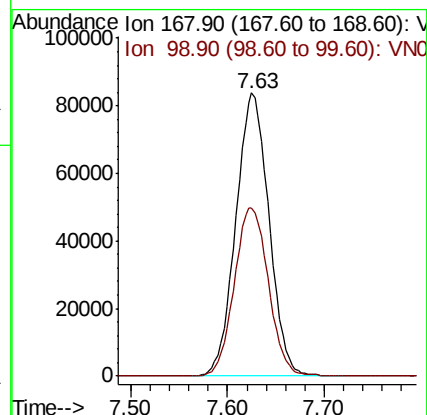
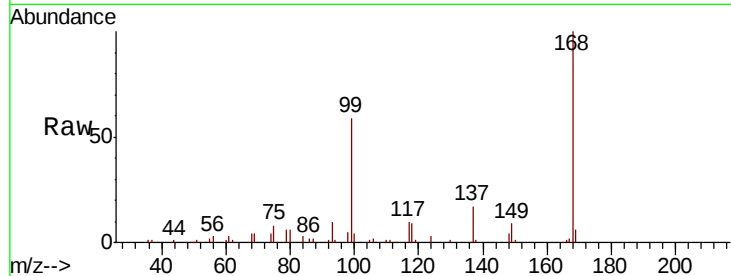




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.00 min
Lab File: VN062200.D
Acq: 29 Jun 2020 20:08

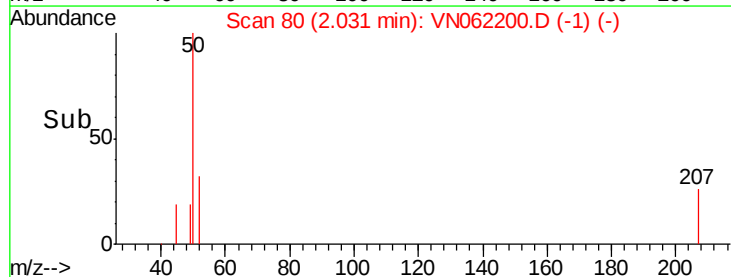
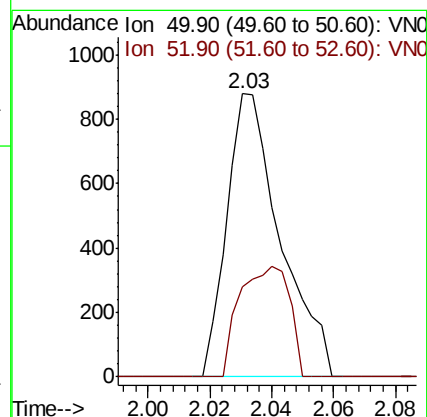
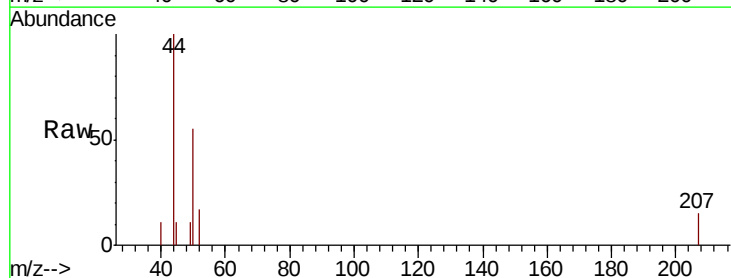
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MSVOA_N
ClientSampleId :
RB03-20200625

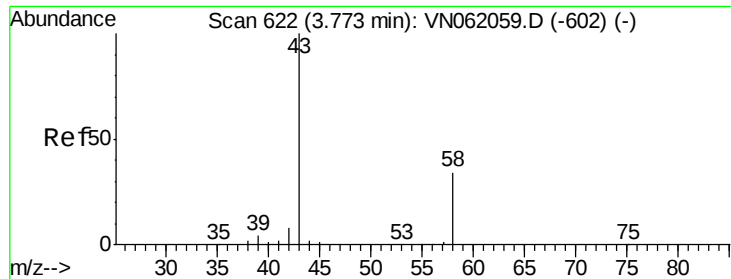
Tot Ion:168 Resp: 199561
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.8



#3
Chloromethane
Concen: Below Cal
RT: 2.03 min Scan# 80
Delta R.T. -0.00 min
Lab File: VN062200.D
Acq: 29 Jun 2020 20:08

Tgt Ion: 50 Resp: 1061
Ion Ratio Lower Upper
50 100
52 31.7 27.0 40.6

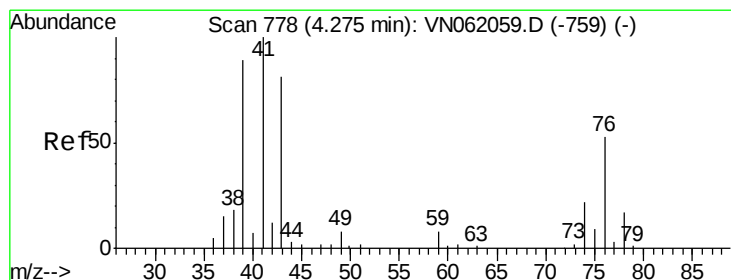
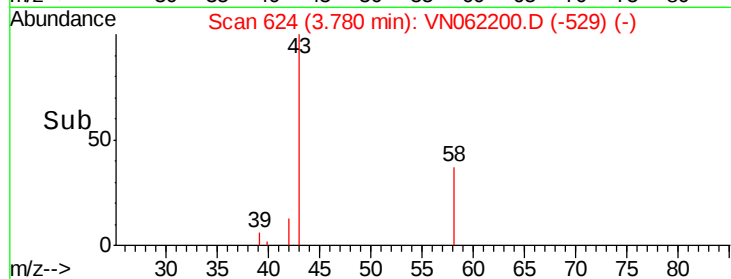
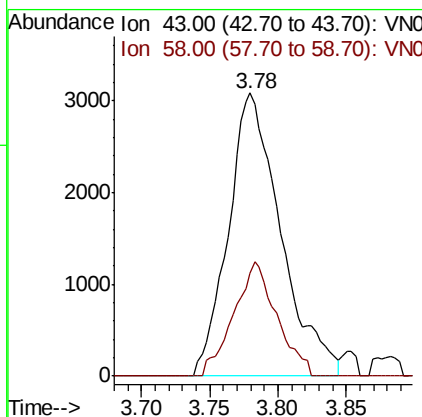
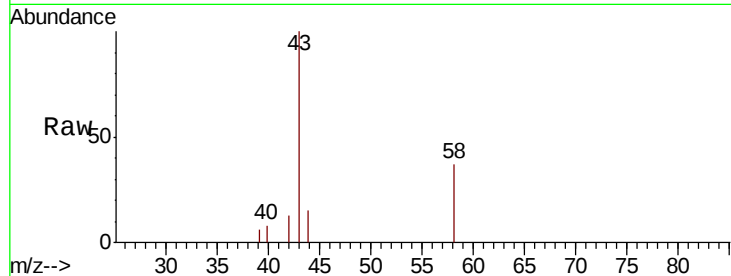




#16
 Acetone
 Concen: 5.393 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: VN062200.D
 Acq: 29 Jun 2020 20:08

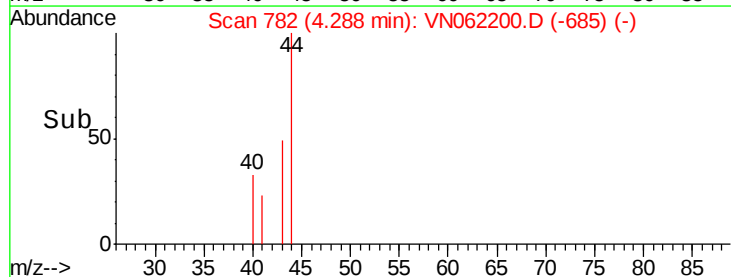
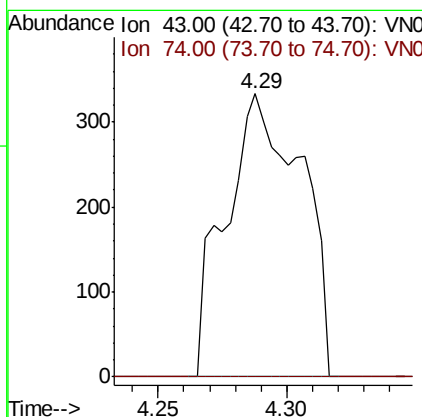
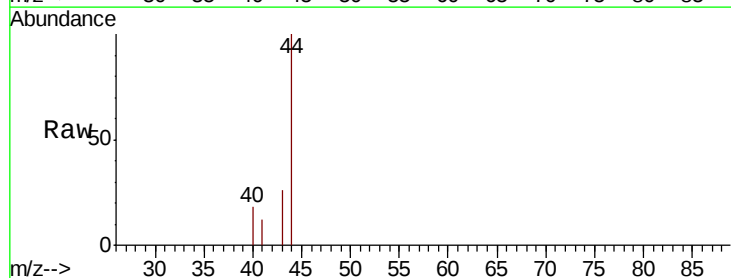
Instrument :
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 ClientSampleId :
 RB03-20200625

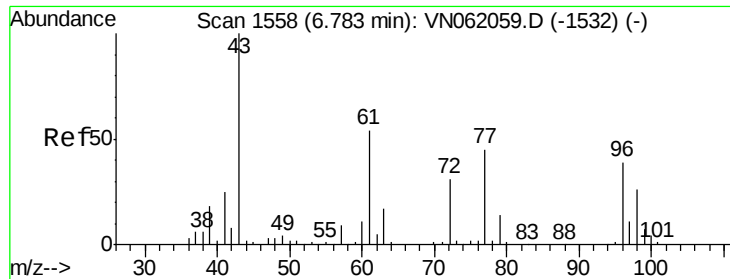
Tot Ion: 43 Resp: 8225
 Ion Ratio Lower Upper
 43 100
 58 36.5 27.5 41.3



#18
 Methyl Acetate
 Concen: 0.307 ug/l
 RT: 4.29 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VN062200.D
 Acq: 29 Jun 2020 20:08

Tgt Ion: 43 Resp: 684
 Ion Ratio Lower Upper
 43 100
 74 0.0 22.9 34.3#

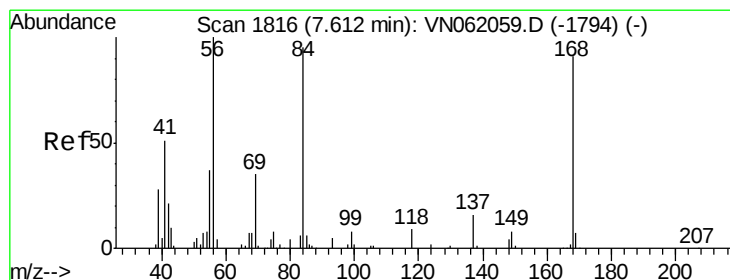
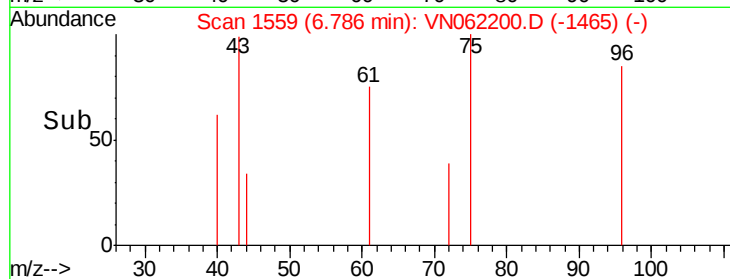
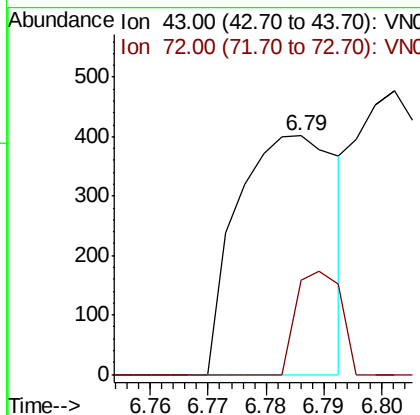
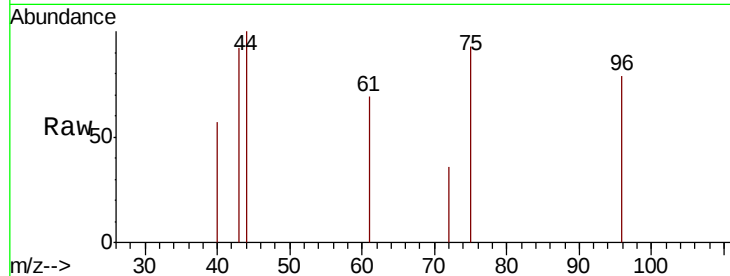




#25
2-Butanone
Concen: 0.348 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062200.D
Acq: 29 Jun 2020 20:08

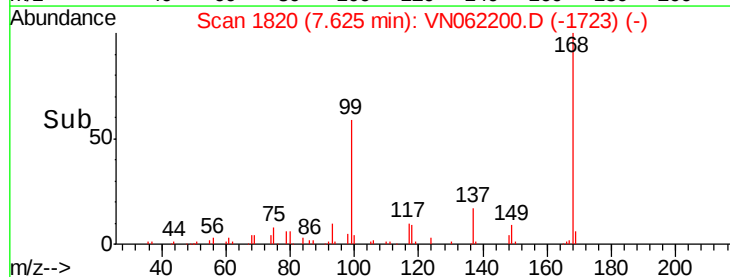
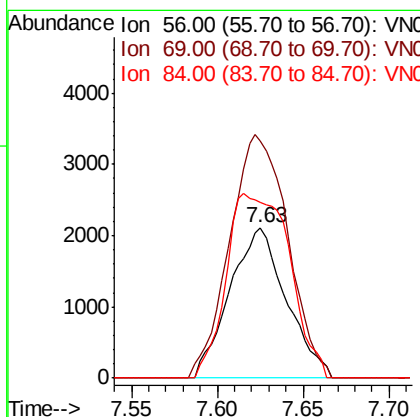
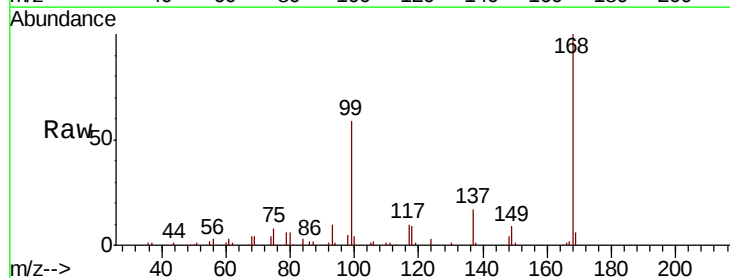
Instrument :
MSVOA_N
ClientSampleId :
RB03-20200625

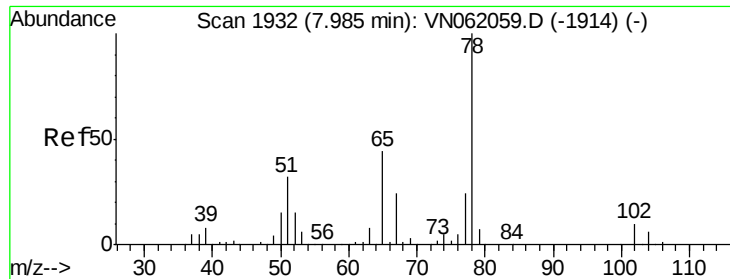
Tot Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
72 39.4 24.8 37.2#



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062200.D
Acq: 29 Jun 2020 20:08

Tgt Ion: 56 Resp: 4825
Ion Ratio Lower Upper
56 100
69 157.8 28.0 42.0#
84 116.7 76.1 114.1#

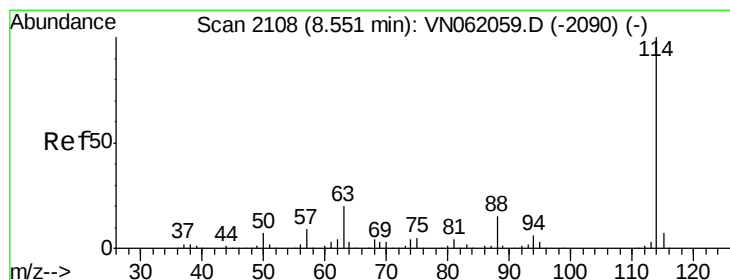
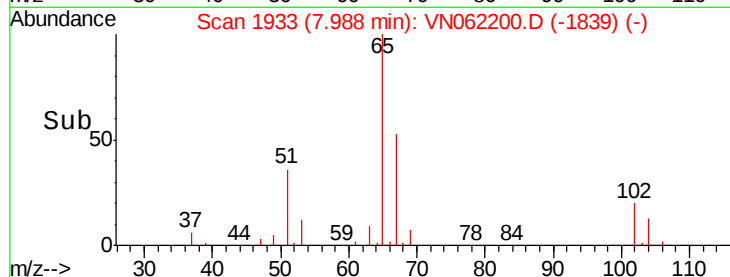
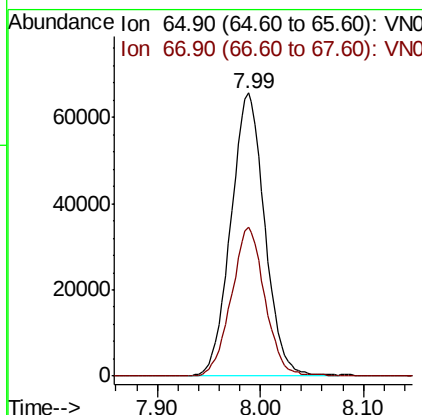
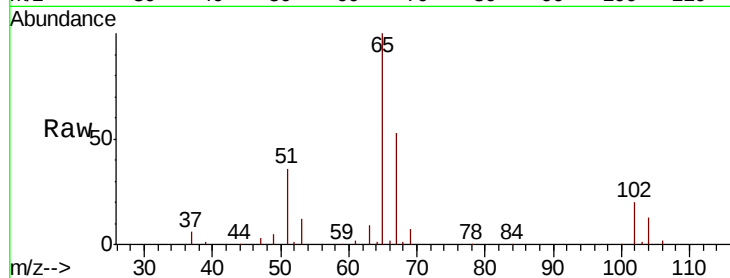




#33
 1,2-Dichloroethane-d4
 Concen: 53.588 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062200.D
 Acq: 29 Jun 2020 20:08

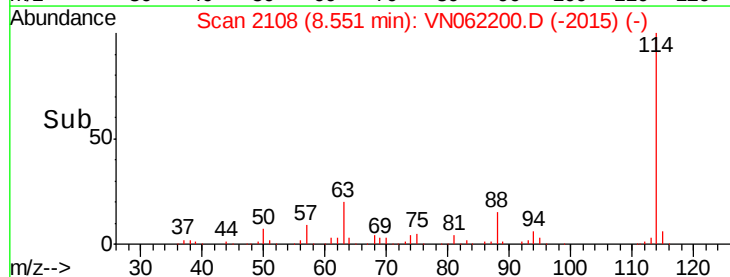
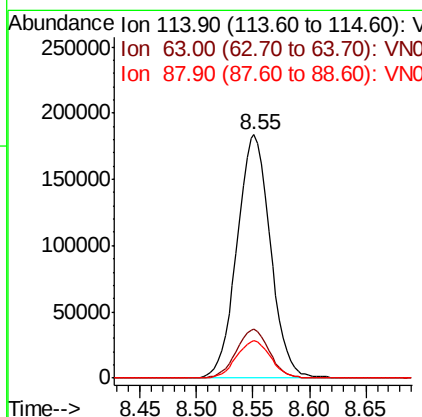
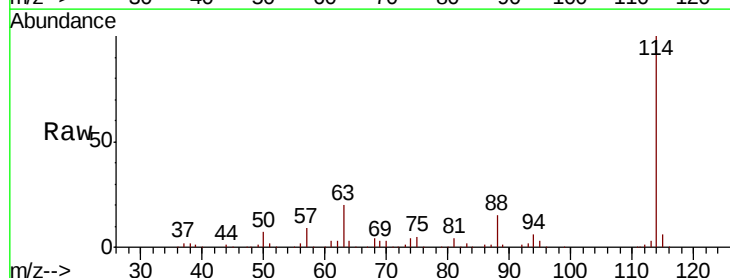
Instrument :
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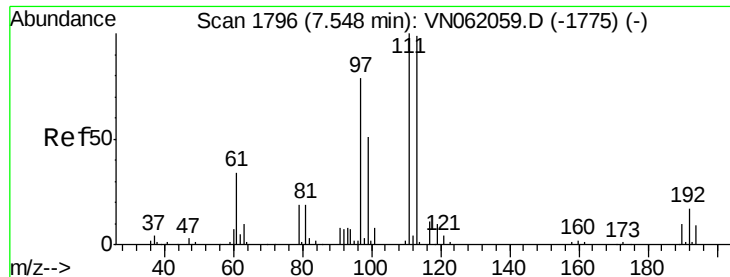
Tot Ion: 65 Resp: 150074
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062200.D
 Acq: 29 Jun 2020 20:08

Tgt Ion: 114 Resp: 378647
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 15.4 0.0 30.8

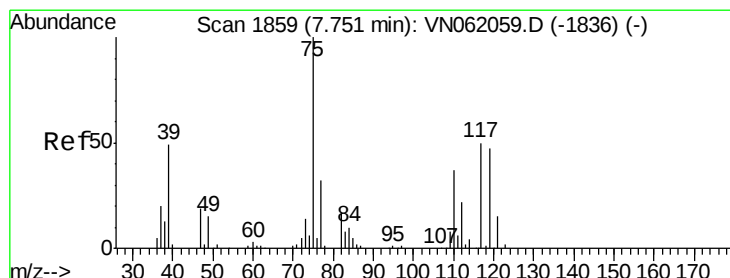
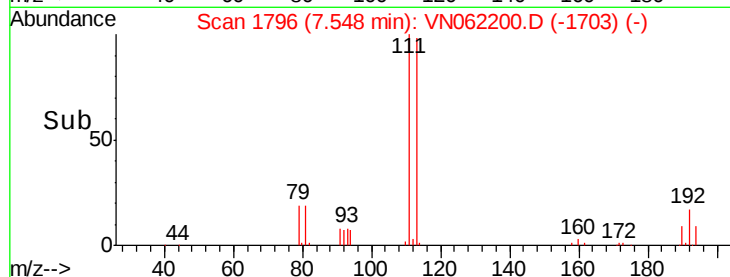
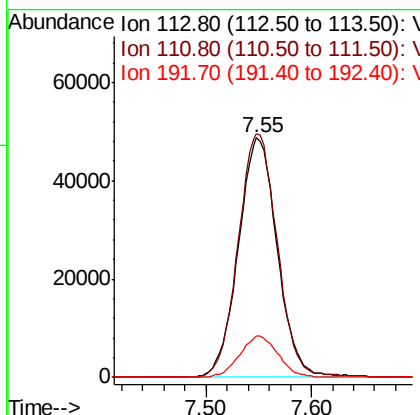
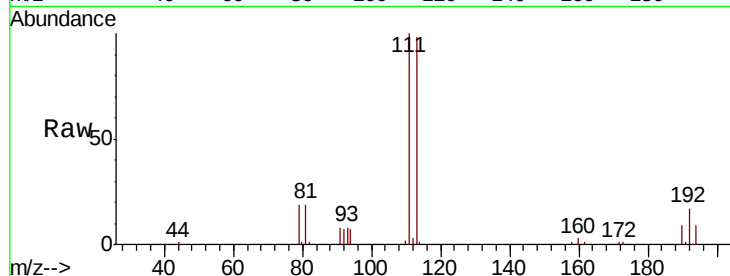




#35
 Dibromofluoromethane
 Concen: 51.290 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062200.D
 Acq: 29 Jun 2020 20:08

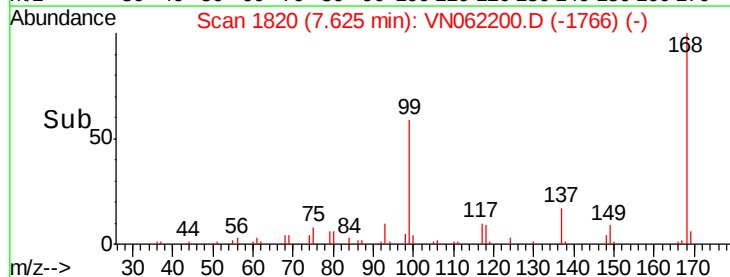
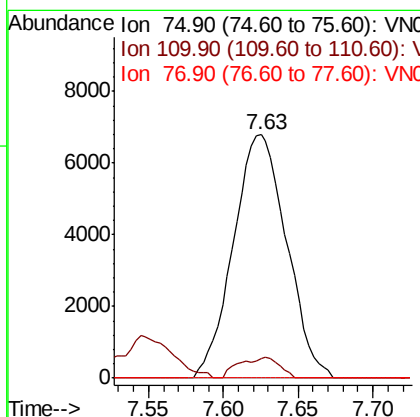
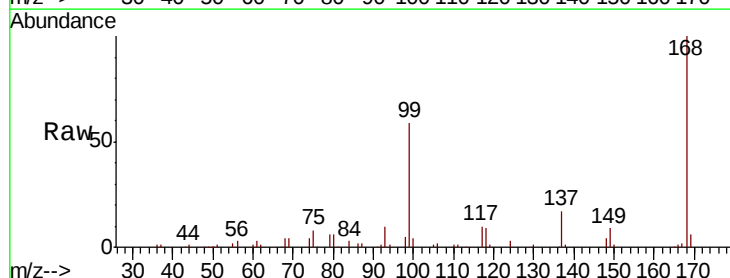
Instrument :
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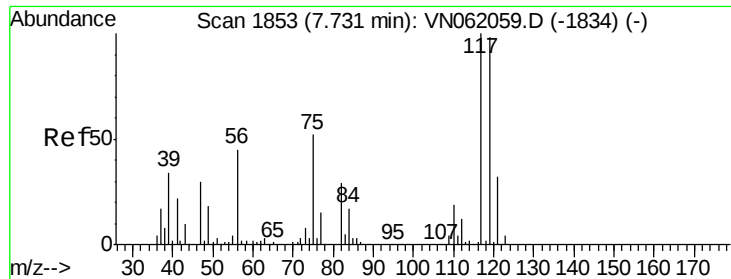
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	17.0	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 4.408 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062200.D
 Acq: 29 Jun 2020 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.5	17.9	53.8#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.705 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062200.D

Acq: 29 Jun 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

RB03-20200625

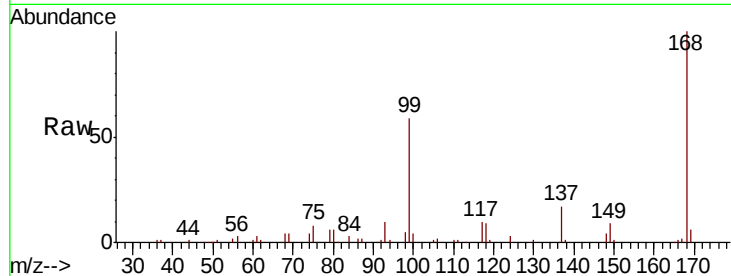
Tot Ion:117 Resp: 20469

Ion Ratio Lower Upper

117 100

119 5.3 78.2 117.2#

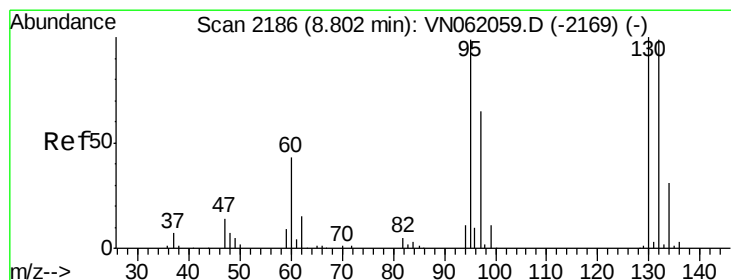
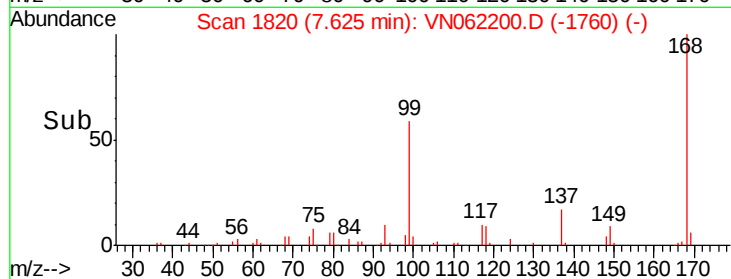
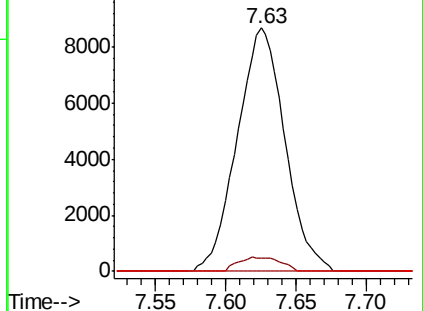
121 0.0 25.8 38.6#



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



#44

Trichloroethene

Concen: 0.337 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062200.D

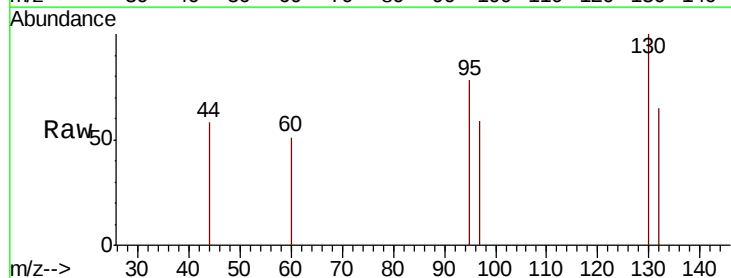
Acq: 29 Jun 2020 20:08

Tgt Ion:130 Resp: 987

Ion Ratio Lower Upper

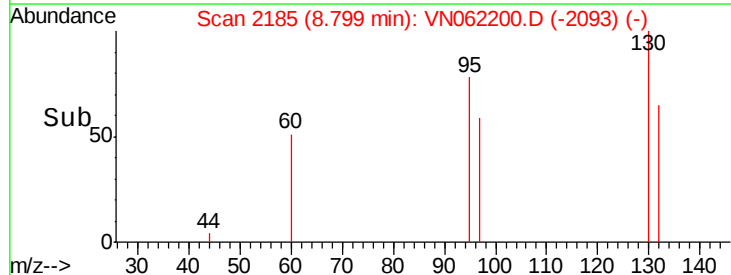
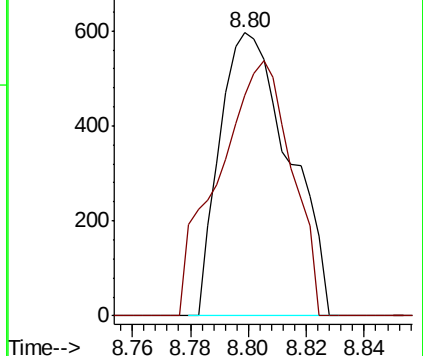
130 100

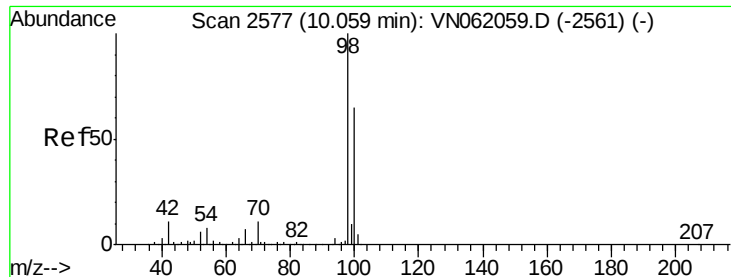
95 78.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.589 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062200.D

Acq: 29 Jun 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

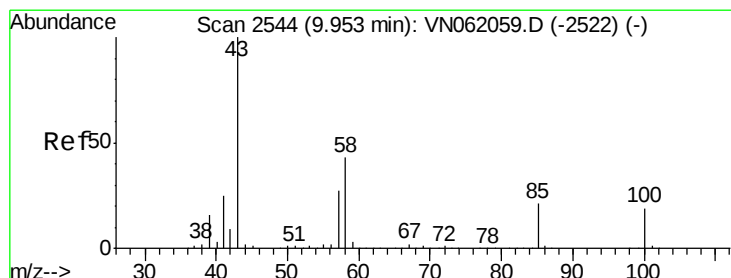
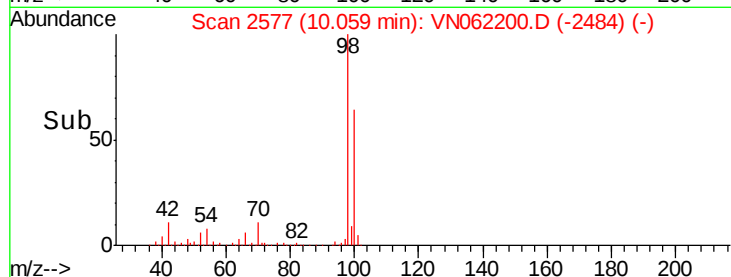
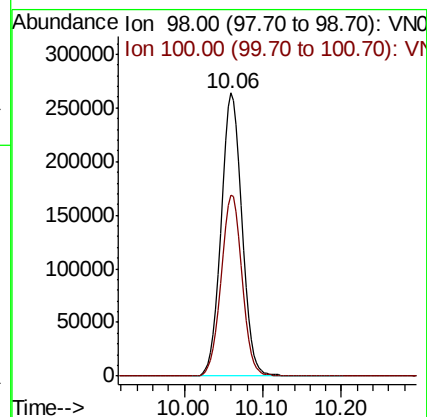
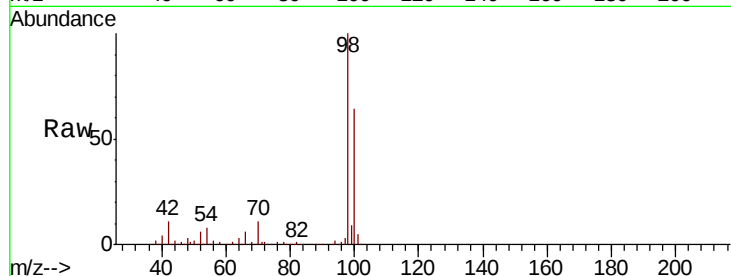
RB03-20200625

Tot Ion: 98 Resp: 481523

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 0.713 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN062200.D

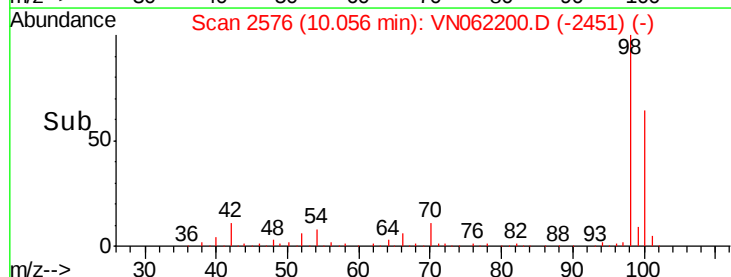
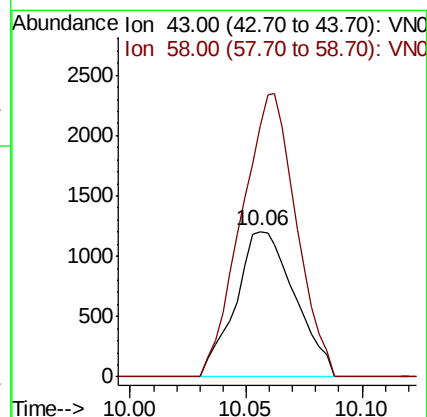
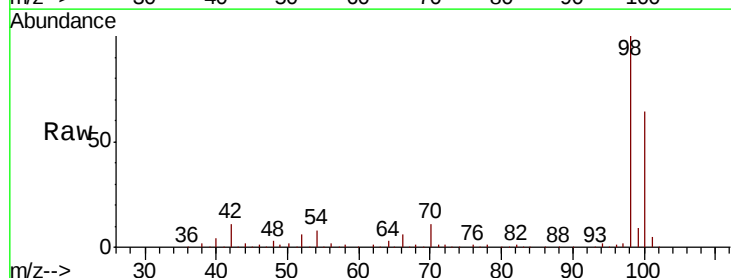
Acq: 29 Jun 2020 20:08

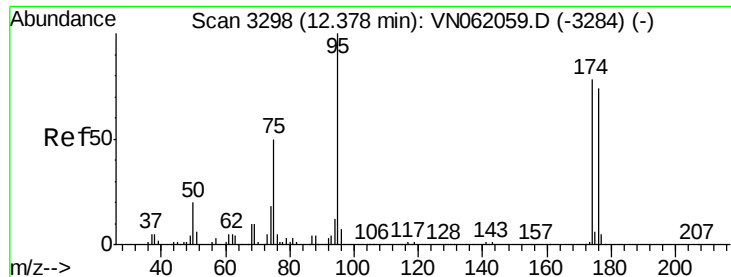
Tgt Ion: 43 Resp: 2139

Ion Ratio Lower Upper

43 100

58 180.7 34.2 51.2#

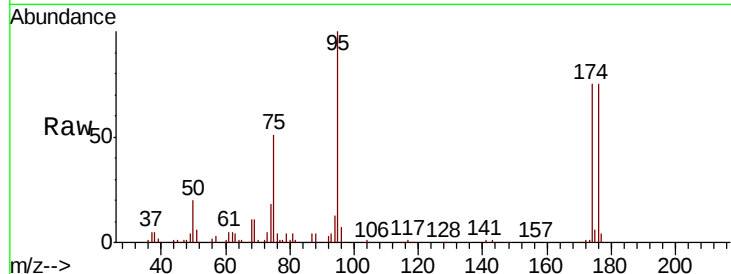




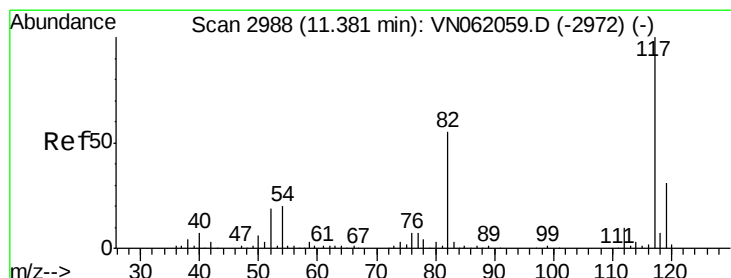
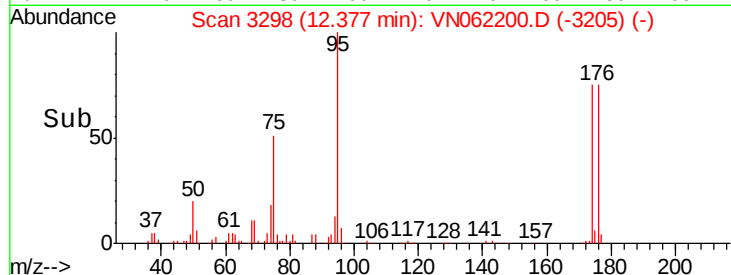
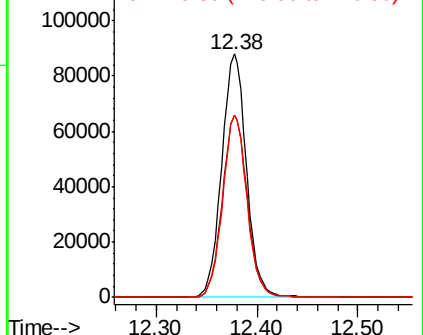
#62
4-Bromofluorobenzene
Concen: 46.079 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062200.D
Acq: 29 Jun 2020 20:08

Instrument :
MSVOA_N
ClientSampleId :
RB03-20200625

Tot Ion: 95 Resp: 151171
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.8
176 73.5 0.0 147.4

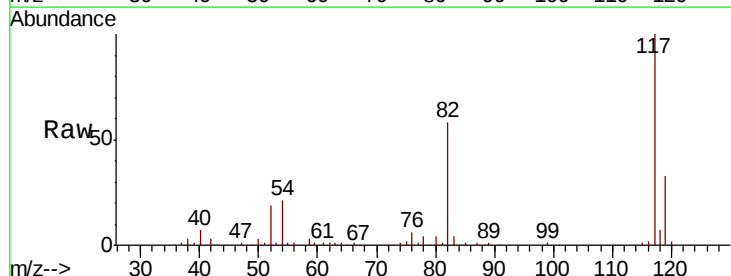


Abundance Ion 94.90 (94.60 to 95.60): VN062200.D (-3205) (-)
Ion 173.80 (173.50 to 174.50): VN062200.D (-3205) (-)
Ion 175.80 (175.50 to 176.50): VN062200.D (-3205) (-)

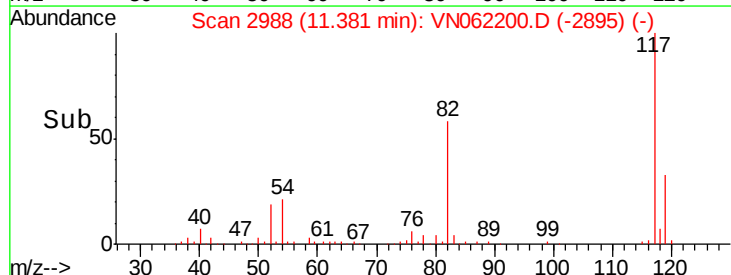
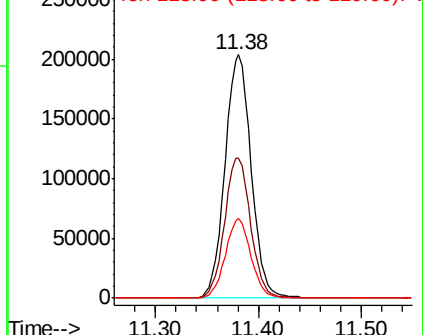


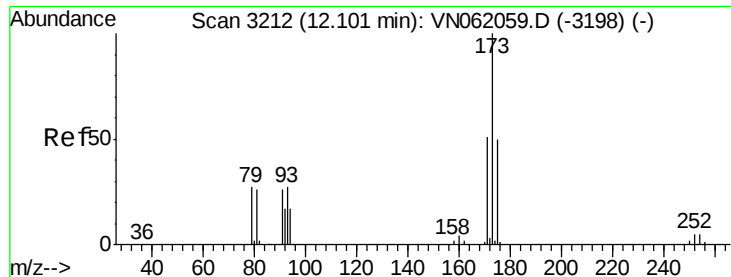
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062200.D
Acq: 29 Jun 2020 20:08

Tgt Ion: 117 Resp: 361828
Ion Ratio Lower Upper
117 100
82 57.6 43.8 65.8
119 32.6 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN062200.D (-2895) (-)
Ion 82.00 (81.70 to 82.70): VN062200.D (-2895) (-)
Ion 118.90 (118.60 to 119.60): VN062200.D (-2895) (-)





#71

Bromoform

Concen: 0.697 ug/l

RT: 12.38 min Scan# 3299

Delta R.T. 0.28 min

Lab File: VN062200.D

Acq: 29 Jun 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

RB03-20200625

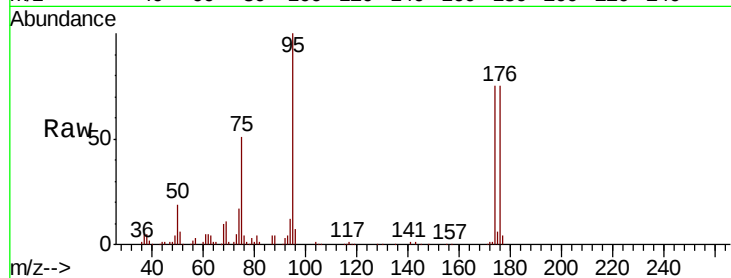
Tot Ion:173 Resp: 1362

Ion Ratio Lower Upper

173 100

175 533.9 24.7 74.1#

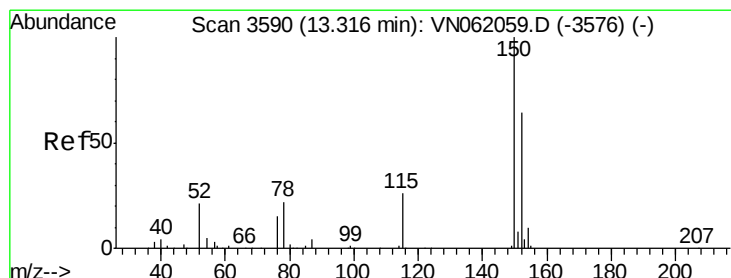
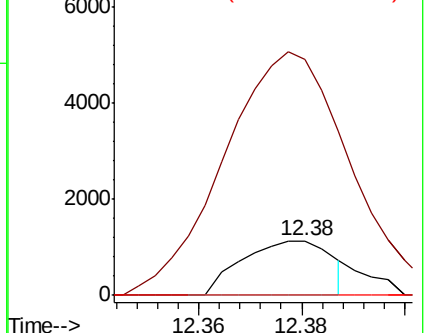
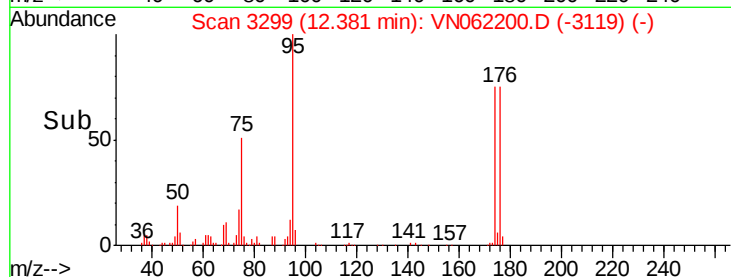
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062200.D

Acq: 29 Jun 2020 20:08

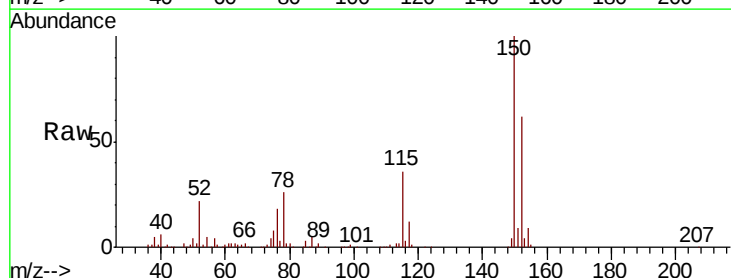
Tgt Ion:152 Resp: 126754

Ion Ratio Lower Upper

152 100

115 60.1 29.5 88.5

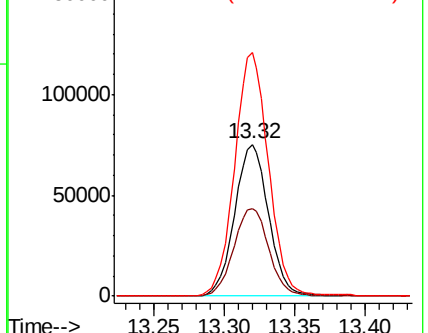
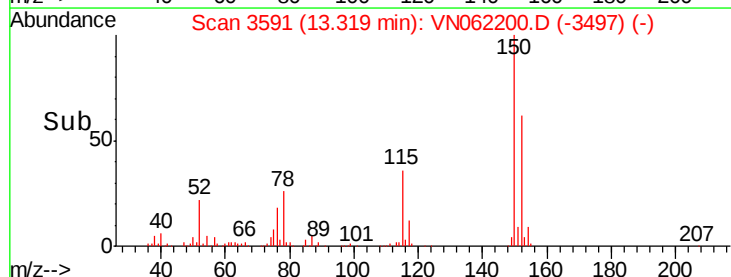
150 160.9 0.0 351.4

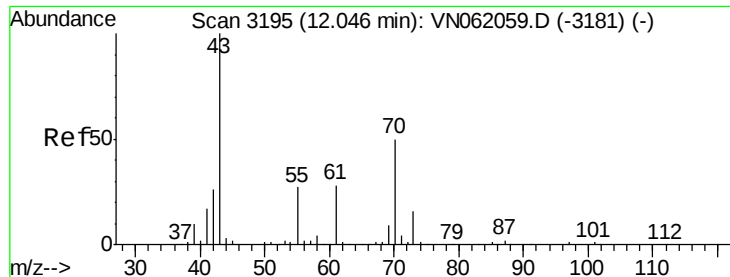


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.358 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.02 min

Lab File: VN062200.D

Acq: 29 Jun 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

RB03-20200625

Tot Ion: 43 Resp: 59

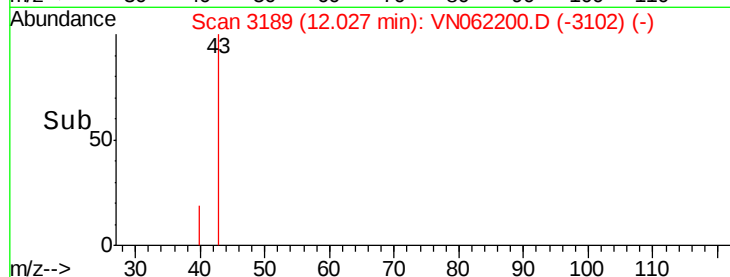
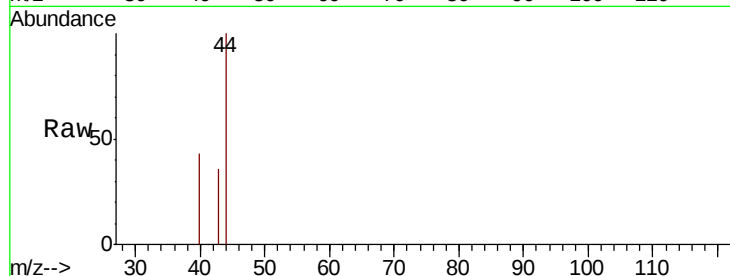
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

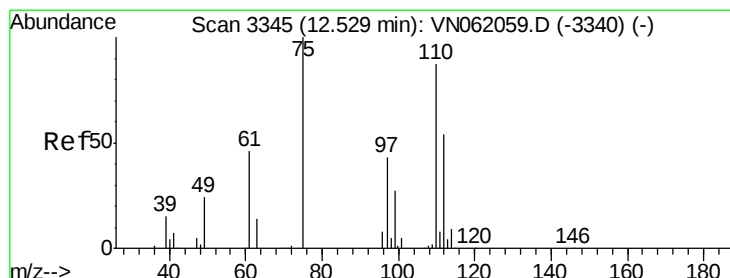
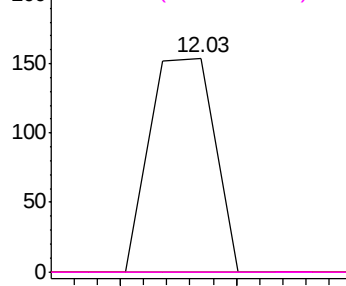


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 26.073 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062200.D

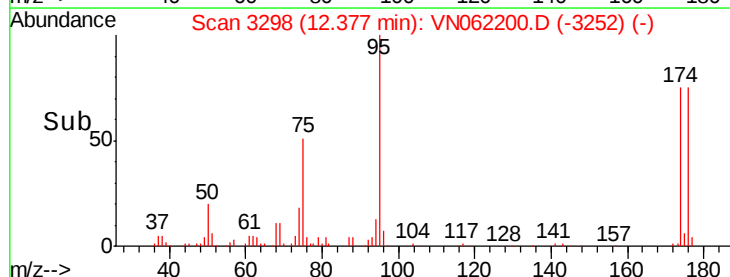
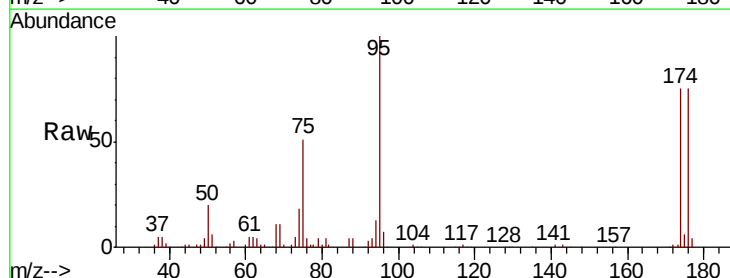
Acq: 29 Jun 2020 20:08

Tgt Ion: 75 Resp: 77798

Ion Ratio Lower Upper

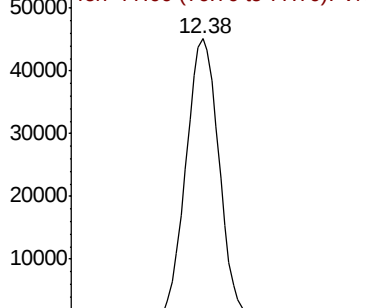
75 100

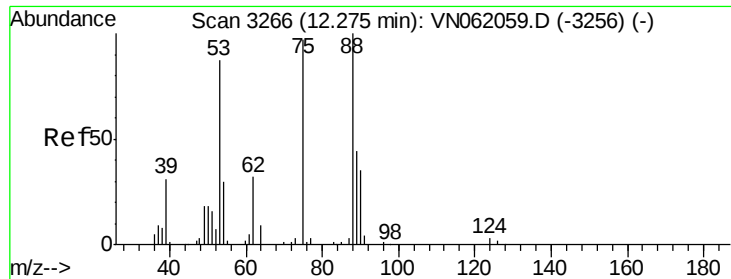
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 76.142 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062200.D

Acq: 29 Jun 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

RB03-20200625

Tot Ion: 75 Resp: 77798

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

89 0.0 36.9 55.3#

