

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062211.D
 Acq On : 30 Jun 2020 1:46
 Operator : JC/MD
 Sample : L2806-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-062620

Quant Time: Jun 30 04:33:13 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	195269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	374691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	361746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130288	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	148333	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	
35) Dibromofluoromethane	7.55	113	123381	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
50) Toluene-d8	10.06	98	479818	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.38	95	152977	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	

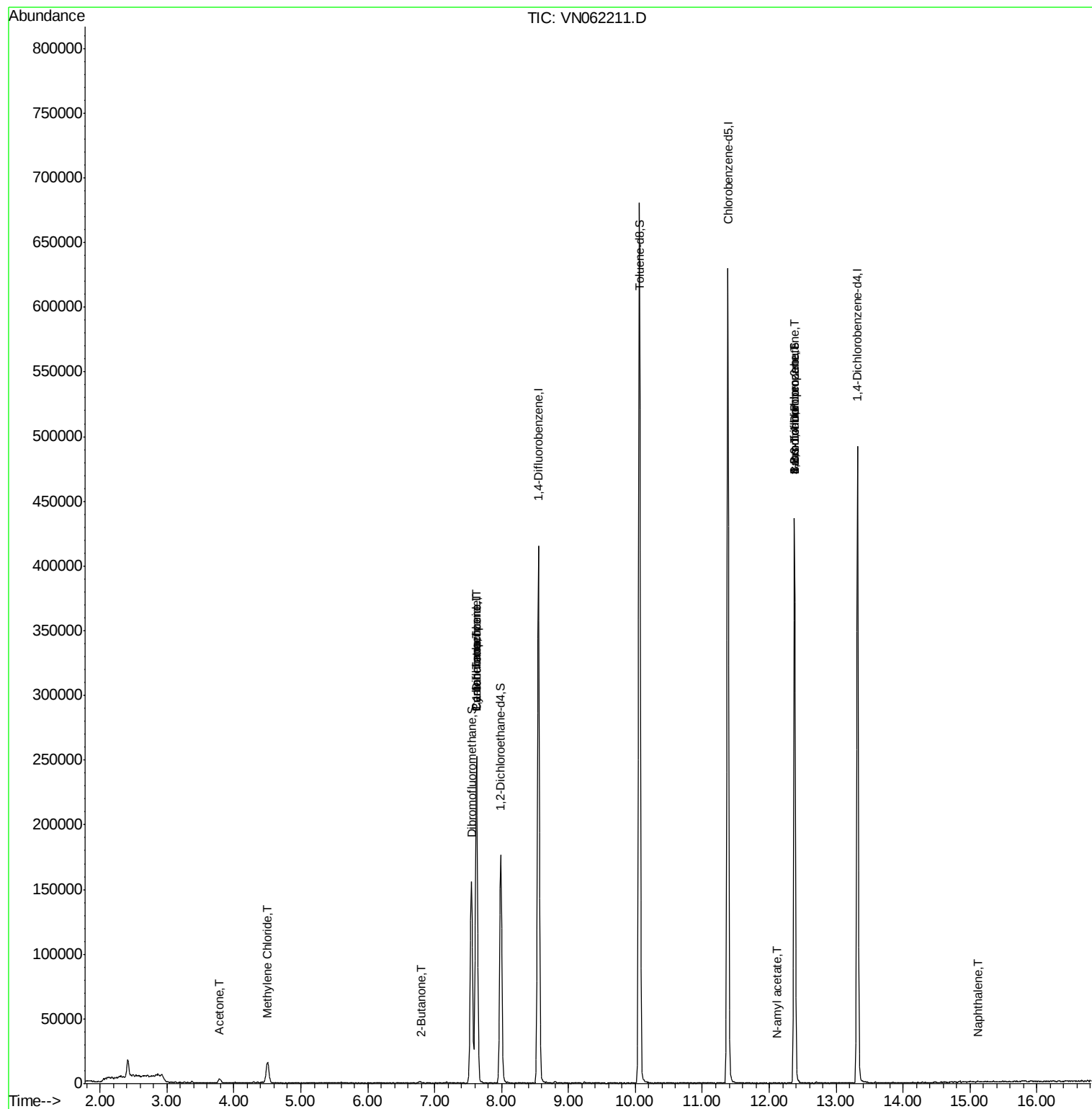
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	245	Below Cal	#	41
16) Acetone	3.78	43	5848	2.793	ug/l	98
20) Methylene Chloride	4.50	84	12539	4.789	ug/l #	93
25) 2-Butanone	6.80	43	593	0.443	ug/l #	44
31) Cyclohexane	7.62	56	4954	1.309	ug/l #	12
36) 1,1-Dichloropropene	7.63	75	17420	4.625	ug/l #	47
38) Carbon Tetrachloride	7.63	117	20247	5.702	ug/l #	15
71) Bromoform	12.38	173	1207	0.618	ug/l #	1
74) N-amyl acetate	12.12	43	62	3.359	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	78909	25.728	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	78909	75.134	ug/l #	13
95) Naphthalene	15.12	128	657	4.092	ug/l #	69

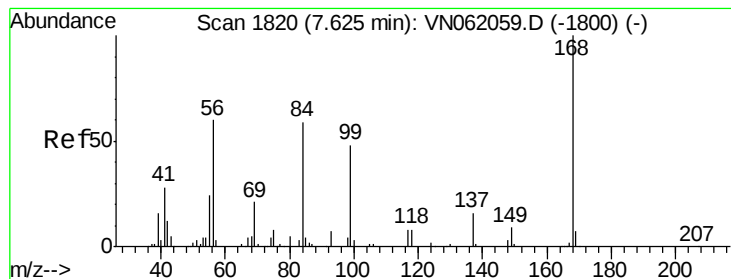
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN062211.D

Acq: 30 Jun 2020 1:46

Instrument :

MSVOA_N

ClientSampleId :

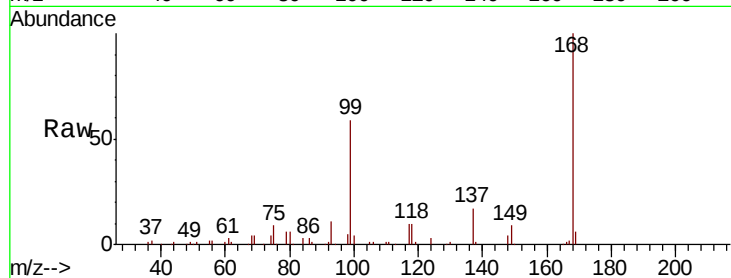
AU-06-062620

Tot Ion:168 Resp: 195269

Ion Ratio Lower Upper

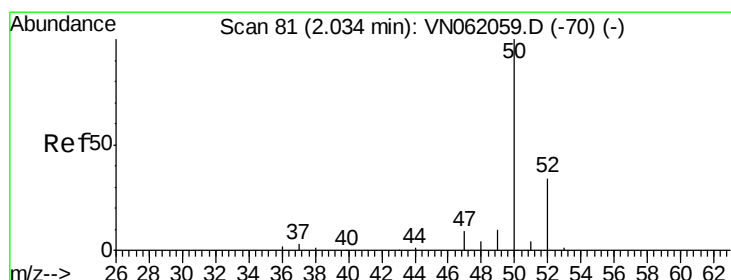
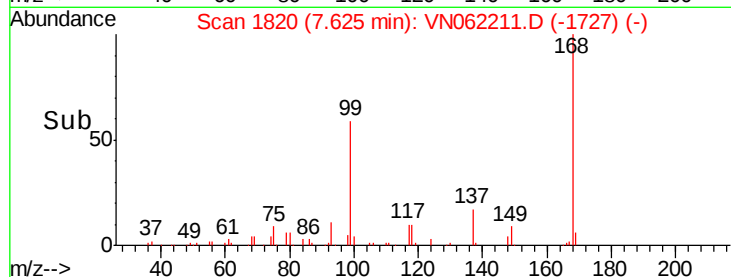
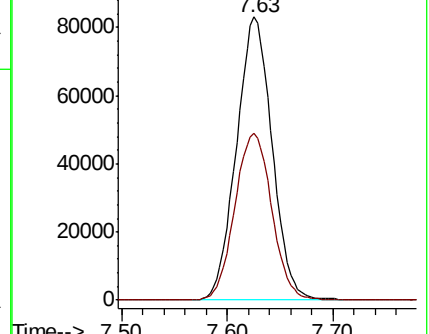
168 100

99 58.9 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062211.D

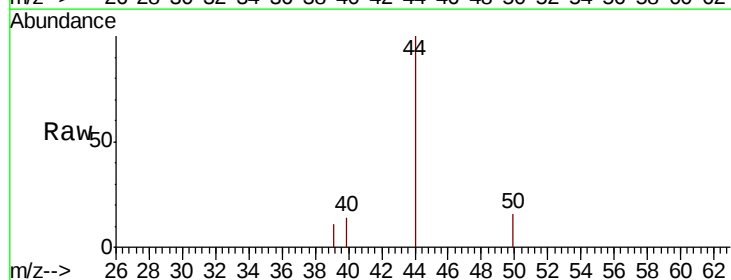
Acq: 30 Jun 2020 1:46

Tgt Ion: 50 Resp: 245

Ion Ratio Lower Upper

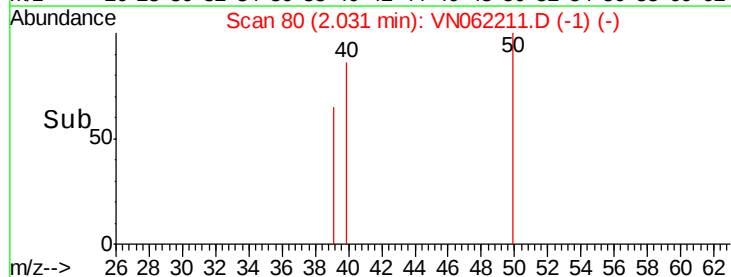
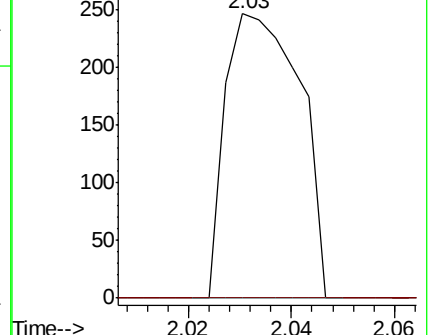
50 100

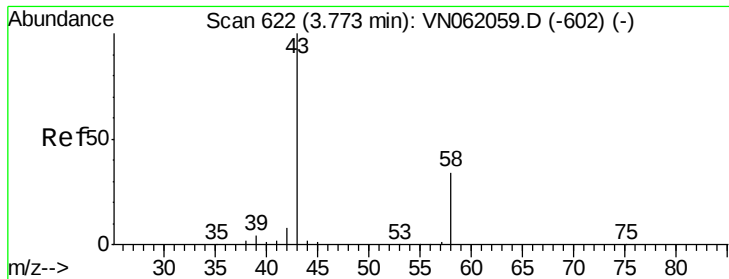
52 0.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#16

Acetone

Concen: 2.793 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062211.D

Acq: 30 Jun 2020 1:46

Instrument :

MSVOA_N

ClientSampleId :

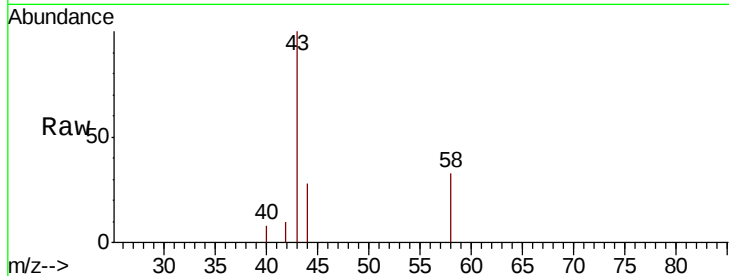
AU-06-062620

Tot Ion: 43 Resp: 5848

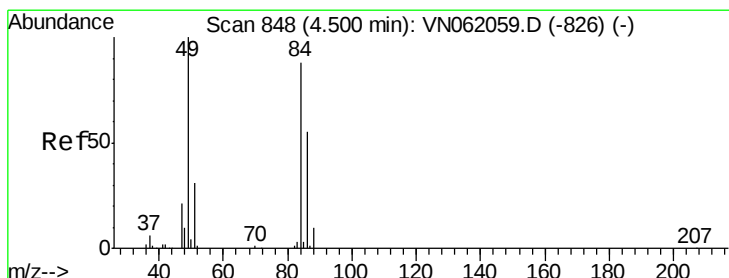
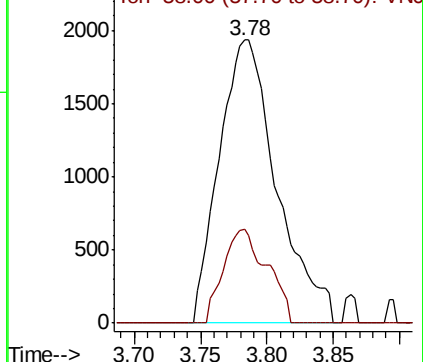
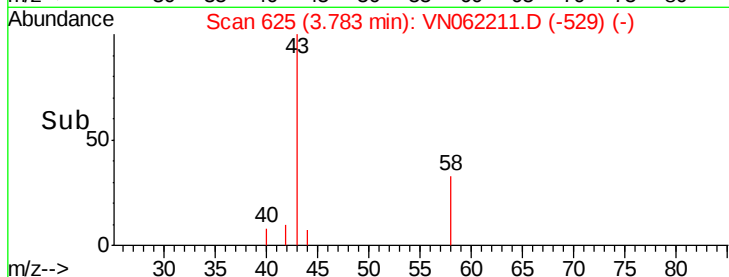
Ion Ratio Lower Upper

43 100

58 33.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062211.D (-529) (-)



#20

Methylene Chloride

Concen: 4.789 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062211.D

Acq: 30 Jun 2020 1:46

Tgt Ion: 84 Resp: 12539

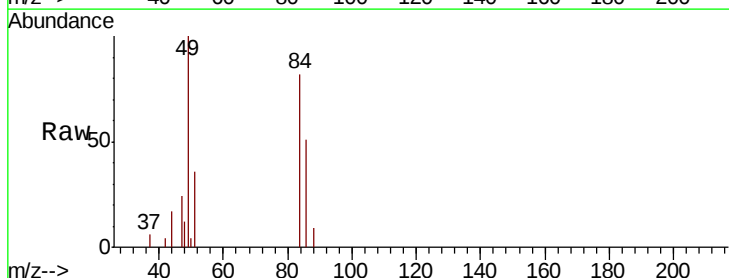
Ion Ratio Lower Upper

84 100

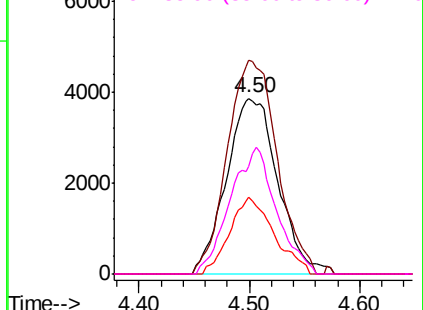
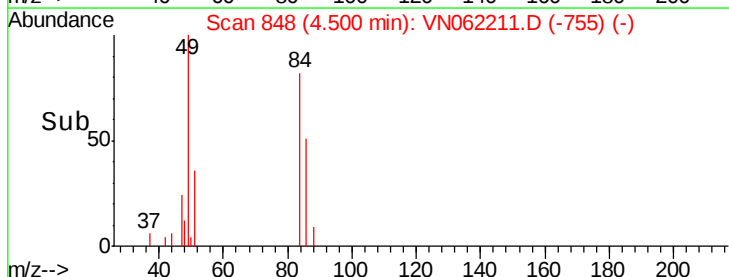
49 121.4 90.6 136.0

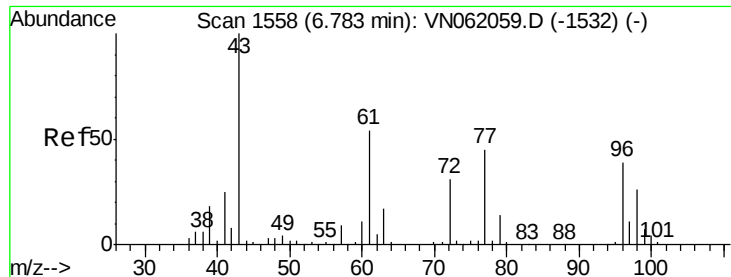
51 43.4 27.8 41.8#

86 61.4 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VN062211.D (-755) (-)

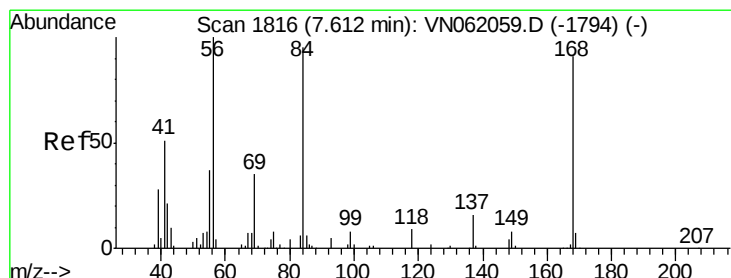
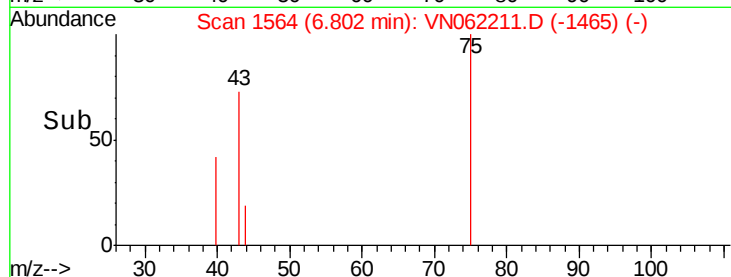
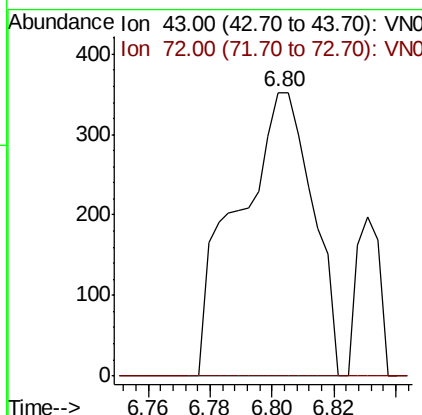
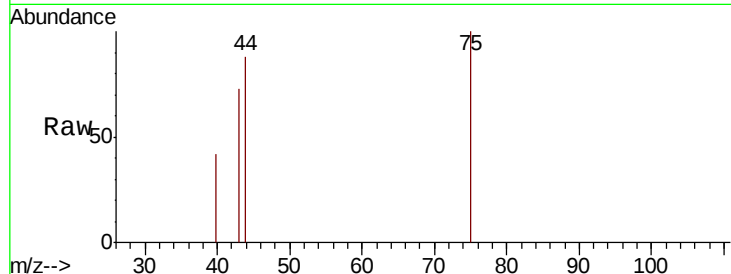




#25
2-Butanone
Concen: 0.443 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.02 min
Lab File: VN062211.D
Acq: 30 Jun 2020 1:46

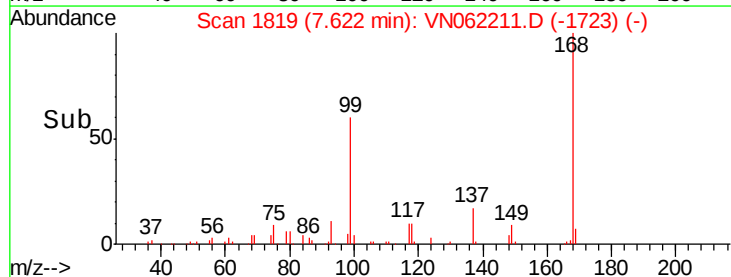
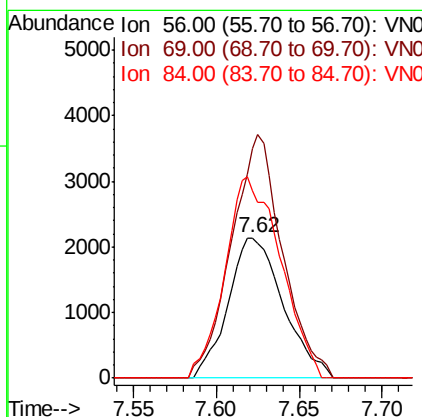
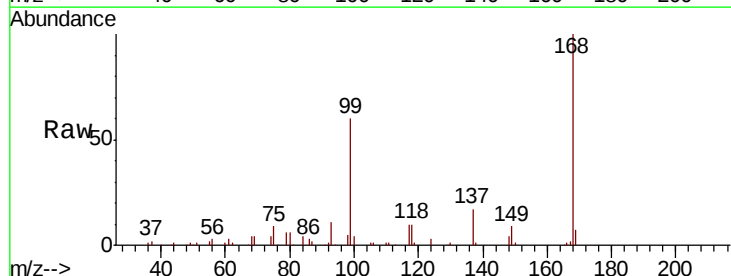
Instrument :
MSVOA_N
ClientSampleId :
AU-06-062620

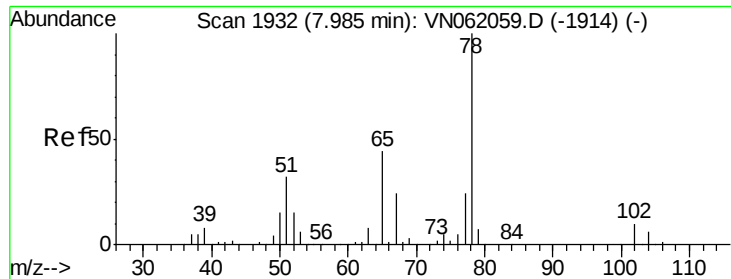
Tot Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
72 0.0 24.8 37.2#



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062211.D
Acq: 30 Jun 2020 1:46

Tgt Ion: 56 Resp: 4954
Ion Ratio Lower Upper
56 100
69 163.1 28.0 42.0#
84 133.4 76.1 114.1#

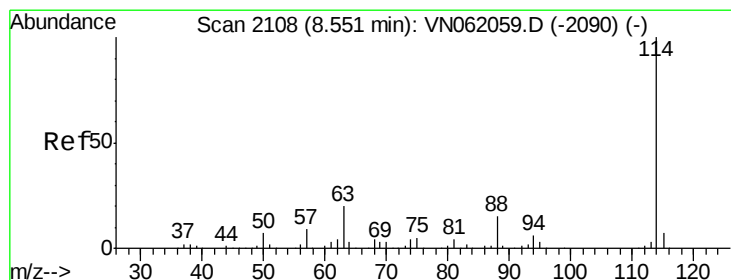
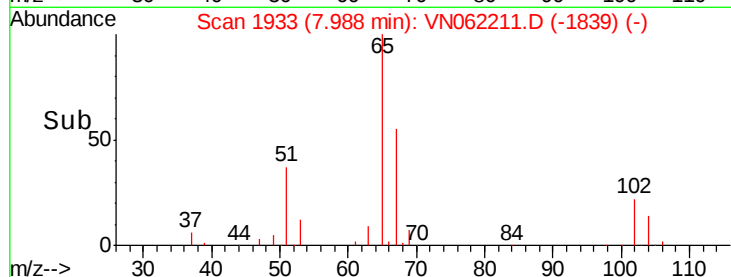
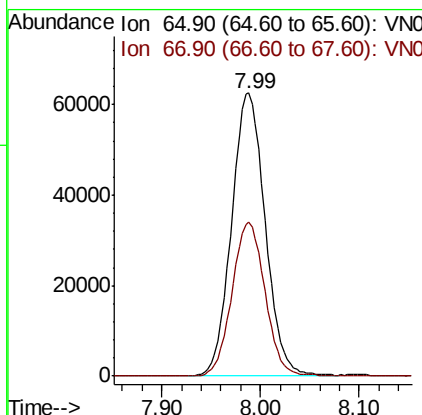
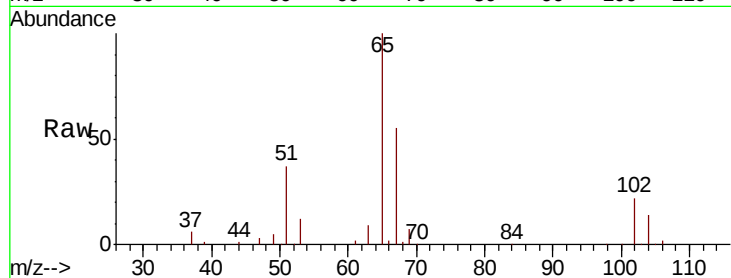




#33
 1,2-Dichloroethane-d4
 Concen: 54.131 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062211.D
 Acq: 30 Jun 2020 1:46

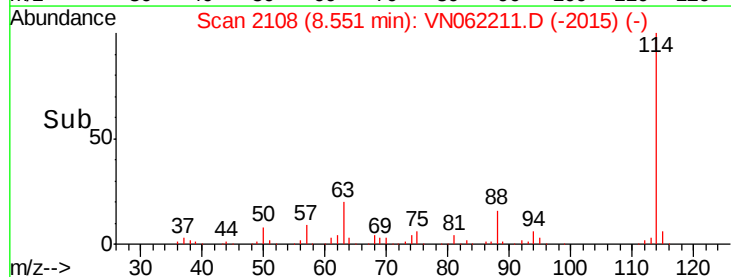
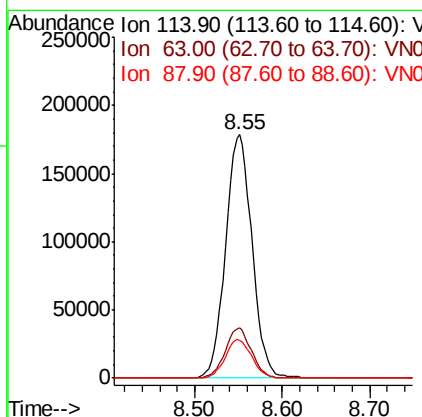
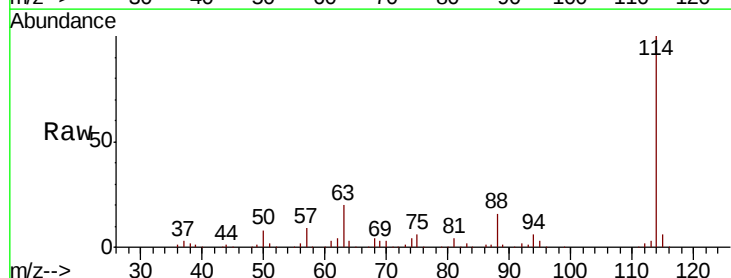
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-062620

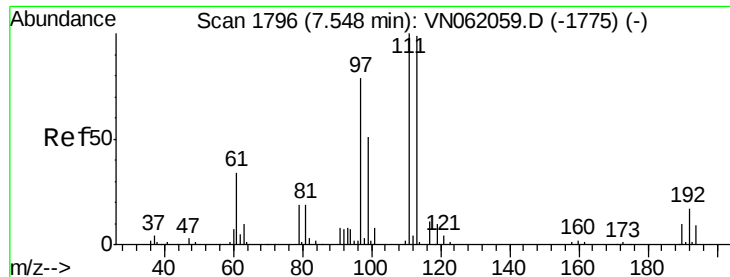
Tot Ion: 65 Resp: 148333
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062211.D
 Acq: 30 Jun 2020 1:46

Tgt Ion: 114 Resp: 374691
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.6 0.0 30.8

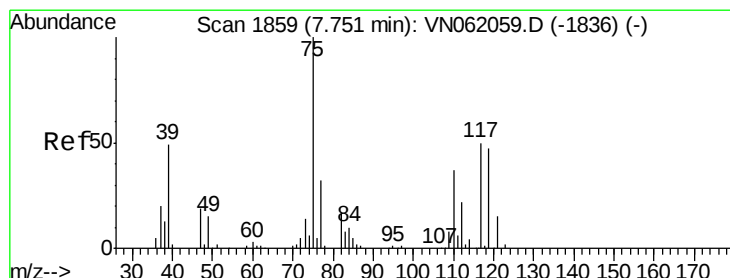
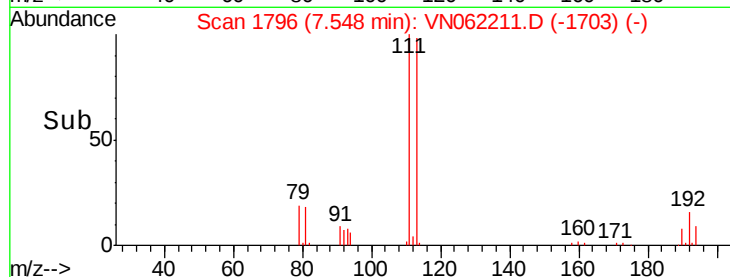
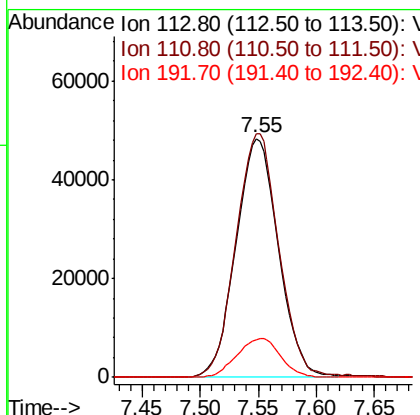
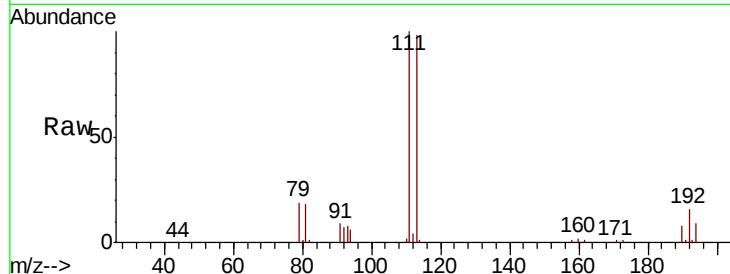




#35
 Dibromofluoromethane
 Concen: 51.327 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062211.D
 Acq: 30 Jun 2020 1:46

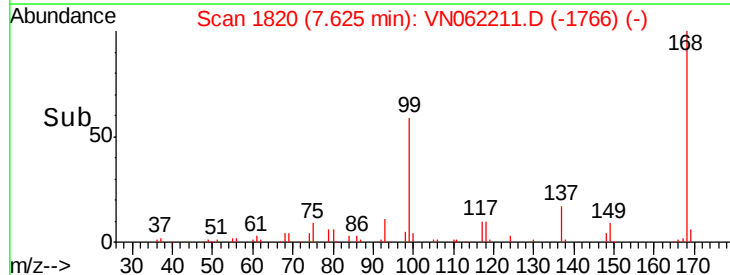
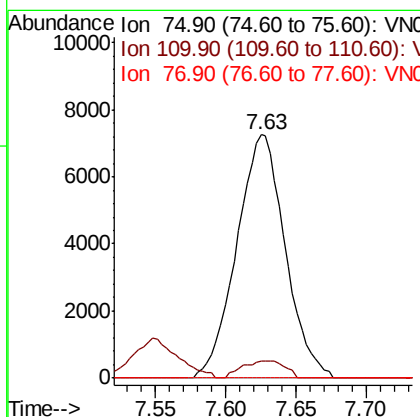
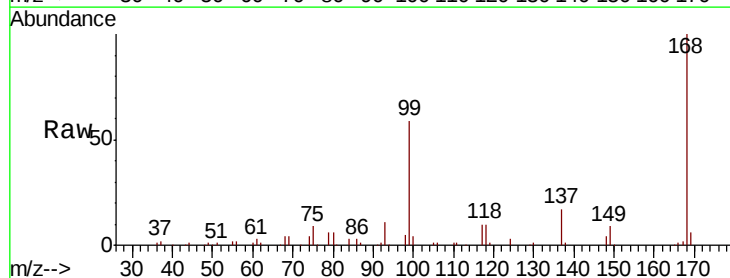
Instrument :
 MSVOA_N
 ClientSampleId :
 AU-06-062620

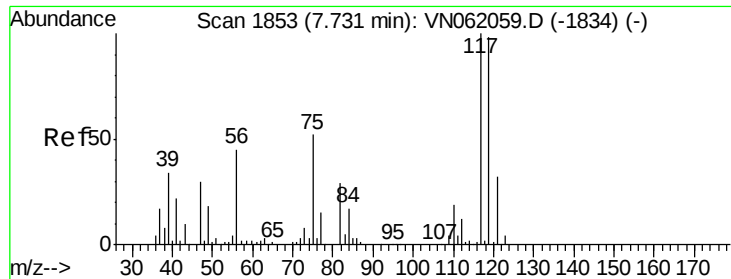
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	16.6	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 4.625 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062211.D
 Acq: 30 Jun 2020 1:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.3	17.9	53.8#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.702 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.10 min

Lab File: VN062211.D

Acq: 30 Jun 2020 1:46

Instrument :

MSVOA_N

ClientSampleId :

AU-06-062620

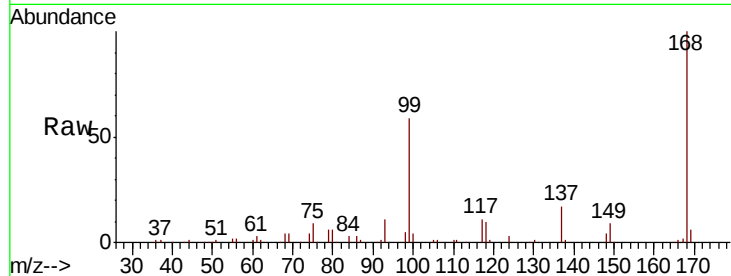
Tot Ion:117 Resp: 20247

Ion Ratio Lower Upper

117 100

119 4.9 78.2 117.2#

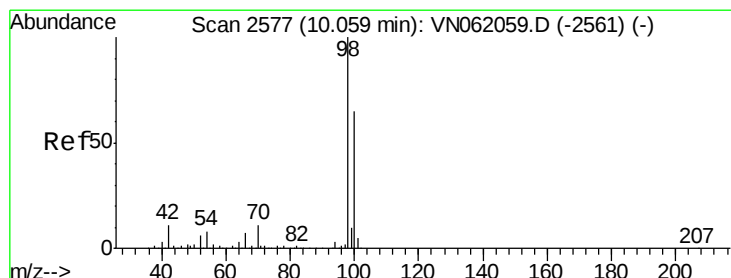
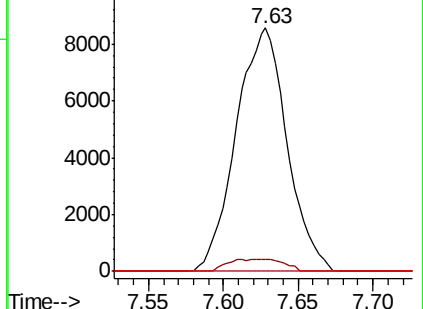
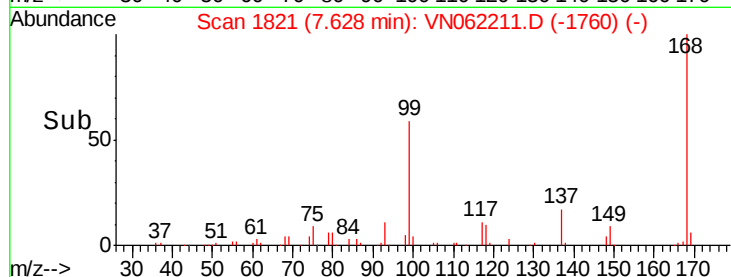
121 0.0 25.8 38.6#



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



#50

Toluene-d8

Concen: 49.935 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062211.D

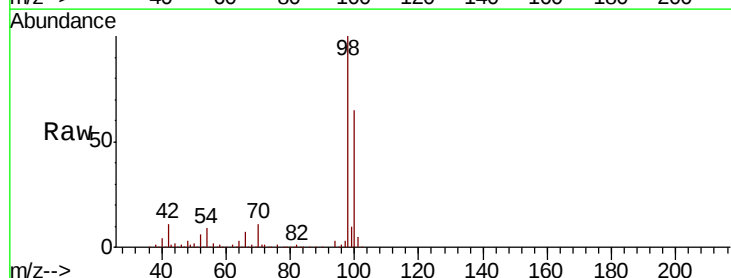
Acq: 30 Jun 2020 1:46

Tgt Ion: 98 Resp: 479818

Ion Ratio Lower Upper

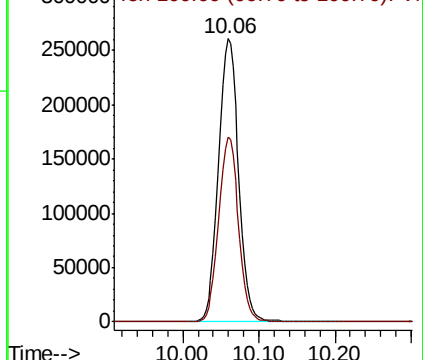
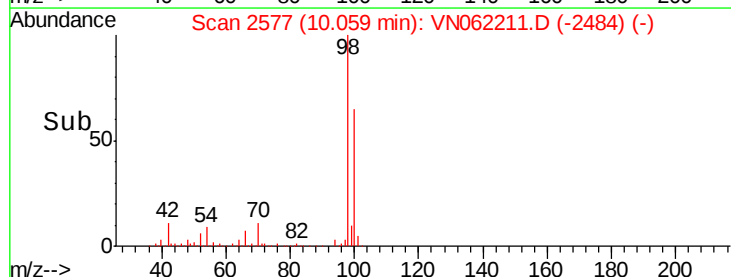
98 100

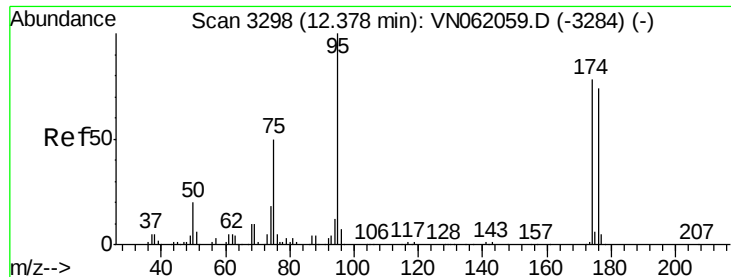
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

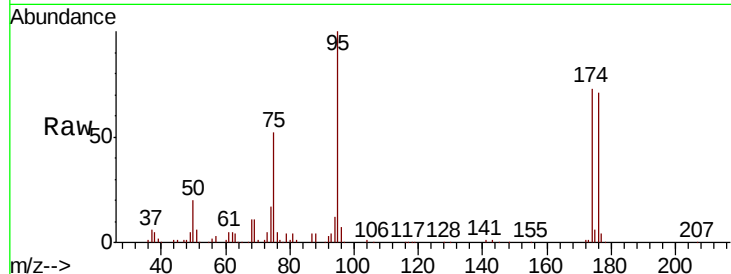




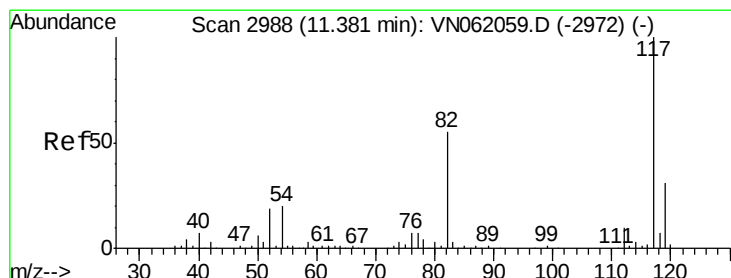
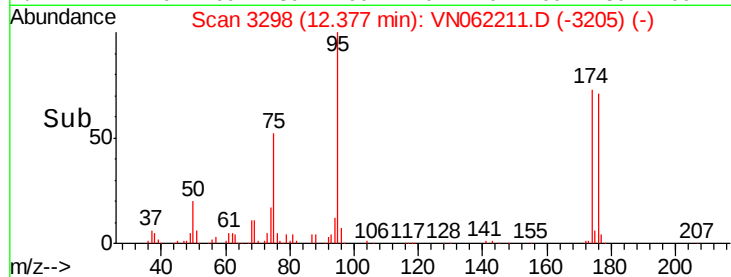
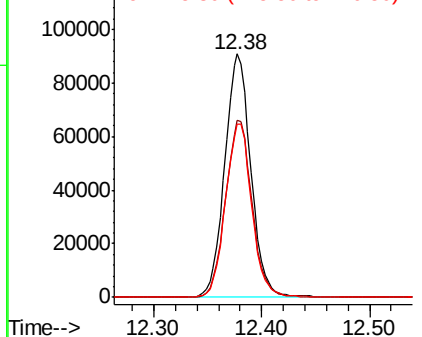
#62
4-Bromofluorobenzene
Concen: 47.122 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062211.D
Acq: 30 Jun 2020 1:46

Instrument :
MSVOA_N
ClientSampleId :
AU-06-062620

Tot Ion: 95 Resp: 152977
Ion Ratio Lower Upper
95 100
174 74.0 0.0 154.8
176 71.9 0.0 147.4

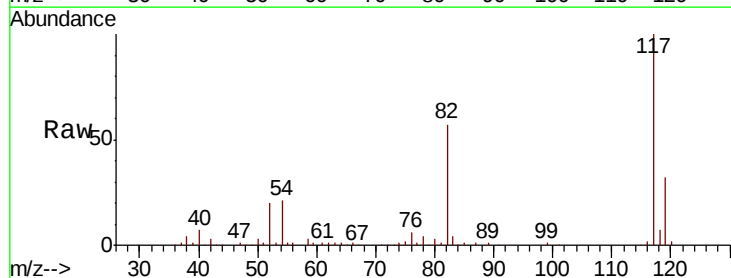


Abundance Ion 94.90 (94.60 to 95.60): VN062211.D (-3205) (-)
Ion 173.80 (173.50 to 174.50): VN062211.D (-3205) (-)
Ion 175.80 (175.50 to 176.50): VN062211.D (-3205) (-)

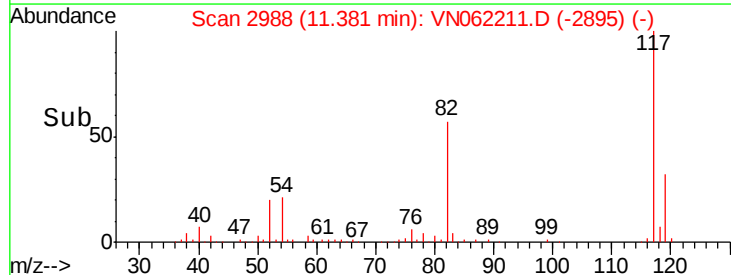
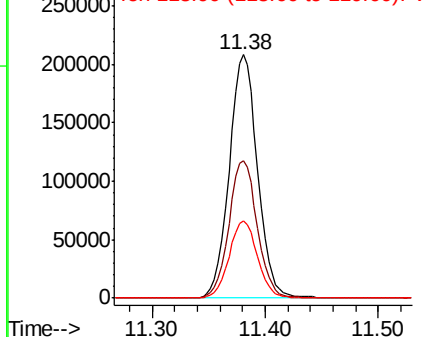


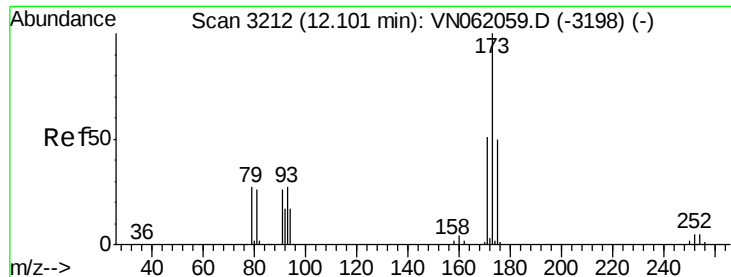
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062211.D
Acq: 30 Jun 2020 1:46

Tgt Ion: 117 Resp: 361746
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.8
119 31.5 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VN062211.D (-2895) (-)
Ion 82.00 (81.70 to 82.70): VN062211.D (-2895) (-)
Ion 118.90 (118.60 to 119.60): VN062211.D (-2895) (-)





#71

Bromoform

Concen: 0.618 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062211.D

Acq: 30 Jun 2020 1:46

Instrument :

MSVOA_N

ClientSampleId :

AU-06-062620

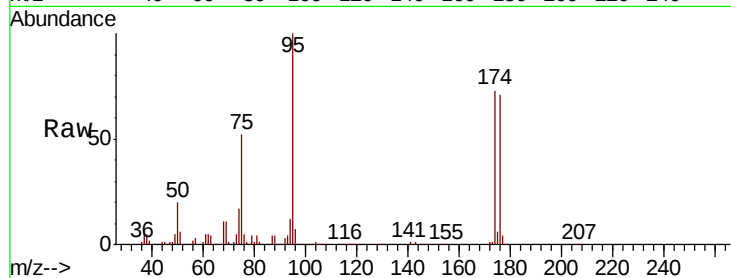
Tot Ion:173 Resp: 1207

Ion Ratio Lower Upper

173 100

175 592.0 24.7 74.1#

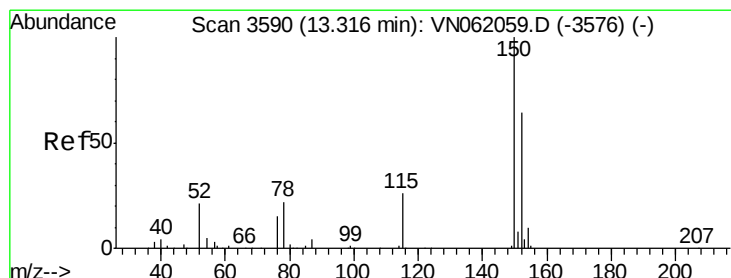
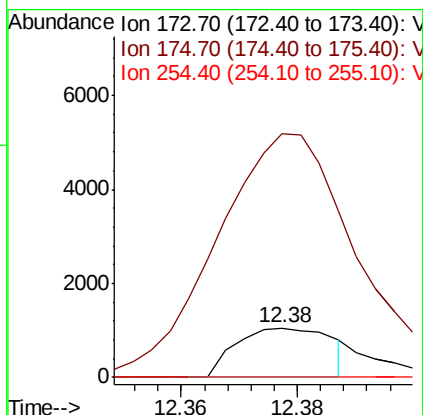
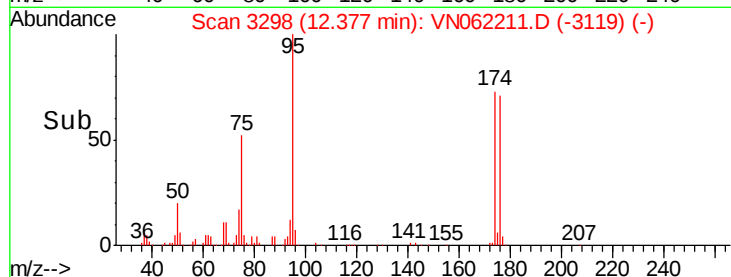
254 0.0 0.0 0.0



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: VN062211.D

Acq: 30 Jun 2020 1:46

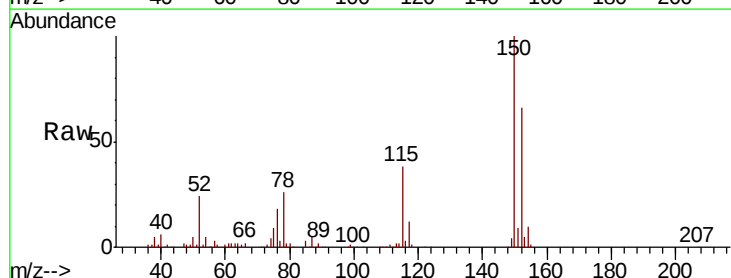
Tgt Ion:152 Resp: 130288

Ion Ratio Lower Upper

152 100

115 59.9 29.5 88.5

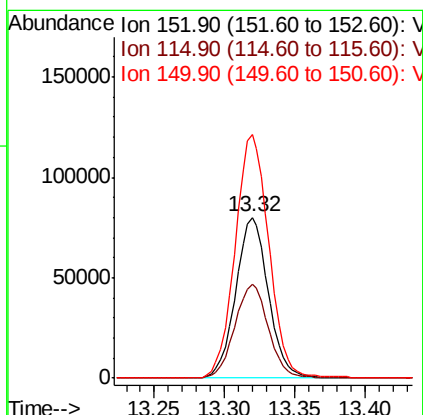
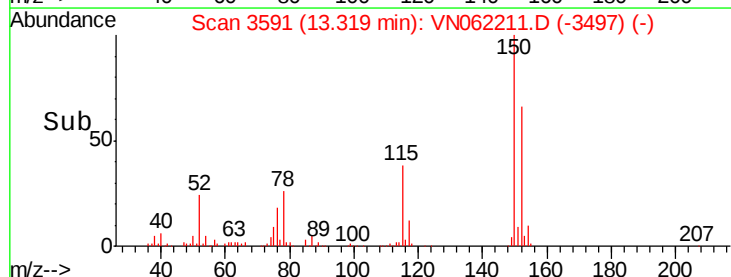
150 156.8 0.0 351.4

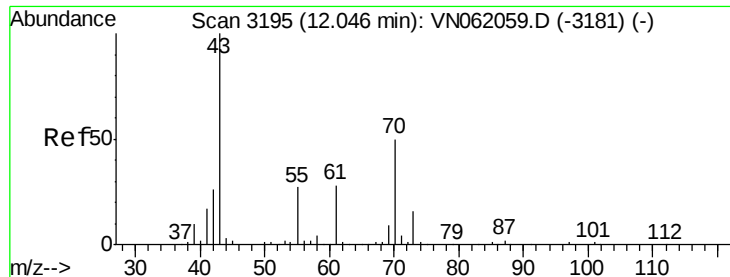


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.359 ug/l

RT: 12.12 min Scan# 3217

Delta R.T. 0.07 min

Lab File: VN062211.D

Acq: 30 Jun 2020 1:46

Instrument :

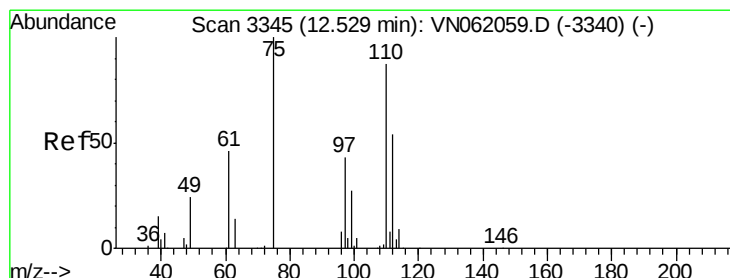
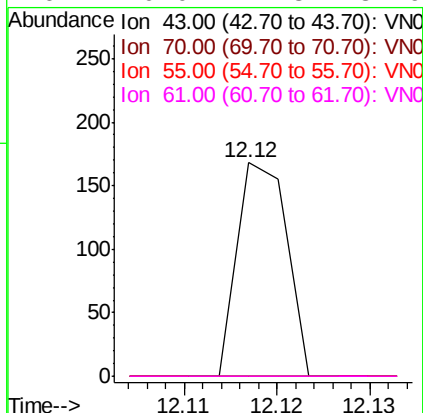
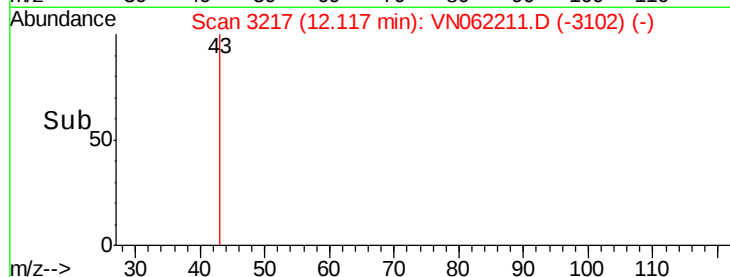
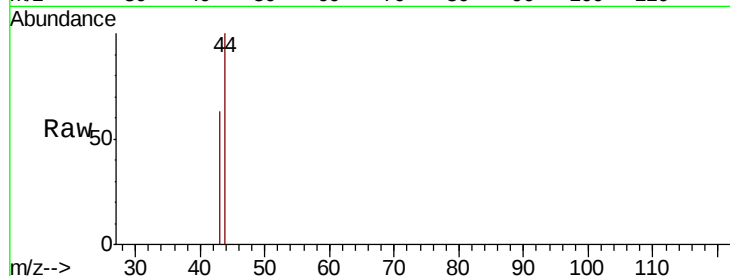
MSVOA_N

ClientSampleId :

AU-06-062620

Tot Ion: 43 Resp: 62

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#



#76

1,2,3-Trichloropropane

Concen: 25.728 ug/l

RT: 12.38 min Scan# 3298

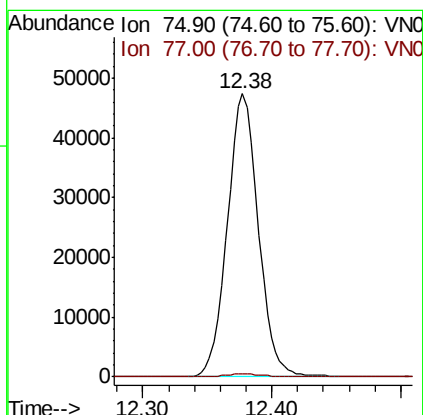
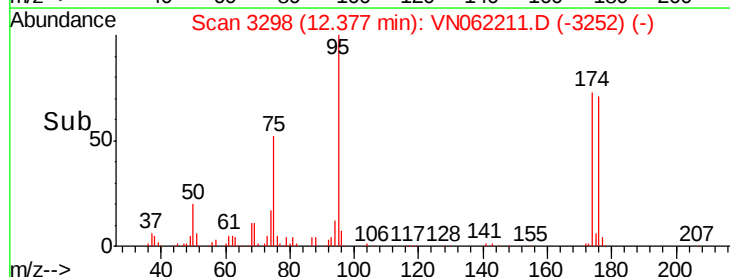
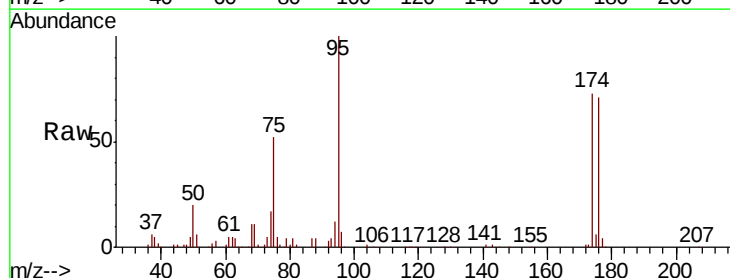
Delta R.T. -0.15 min

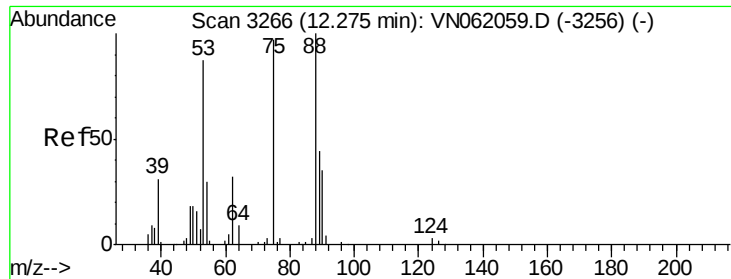
Lab File: VN062211.D

Acq: 30 Jun 2020 1:46

Tgt Ion: 75 Resp: 78909

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 75.134 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062211.D

Acq: 30 Jun 2020 1:46

Instrument :

MSVOA_N

ClientSampleId :

AU-06-062620

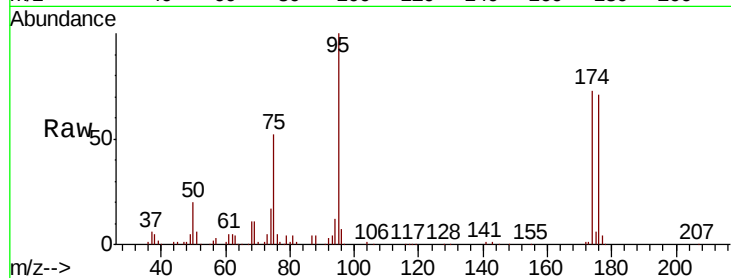
Tot Ion: 75 Resp: 78909

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

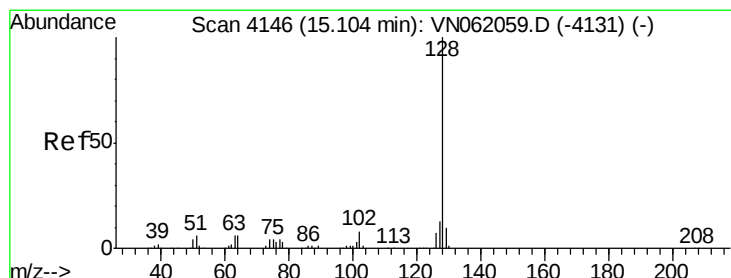
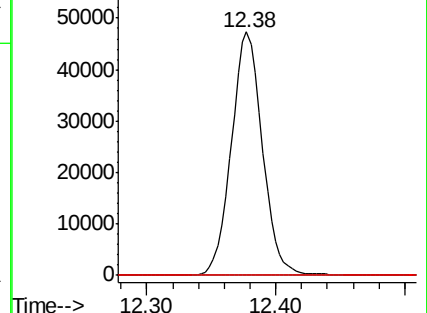
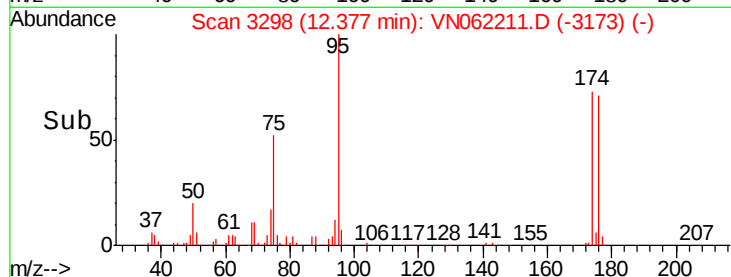
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062211.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062211.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062211.D (-3173) (-)



#95

Naphthalene

Concen: 4.092 ug/l

RT: 15.12 min Scan# 4150

Delta R.T. 0.01 min

Lab File: VN062211.D

Acq: 30 Jun 2020 1:46

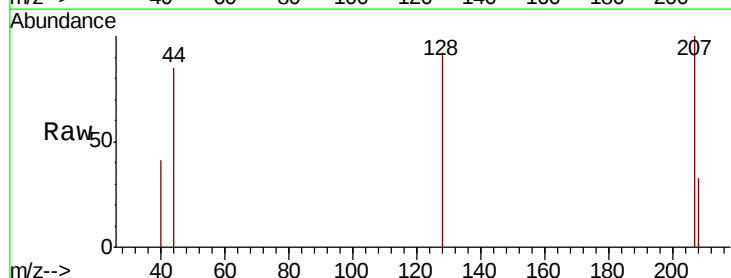
Tgt Ion: 128 Resp: 657

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN062211.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN062211.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN062211.D (-4053) (-)

