

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062498.D
 Acq On : 10 Jul 2020 17:32
 Operator : JC/MD
 Sample : L3273-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 02:09:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	187186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	333209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	321638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117474	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	144824	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	7.55	113	107006	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
50) Toluene-d8	10.06	98	430754	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.38	95	151938	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	

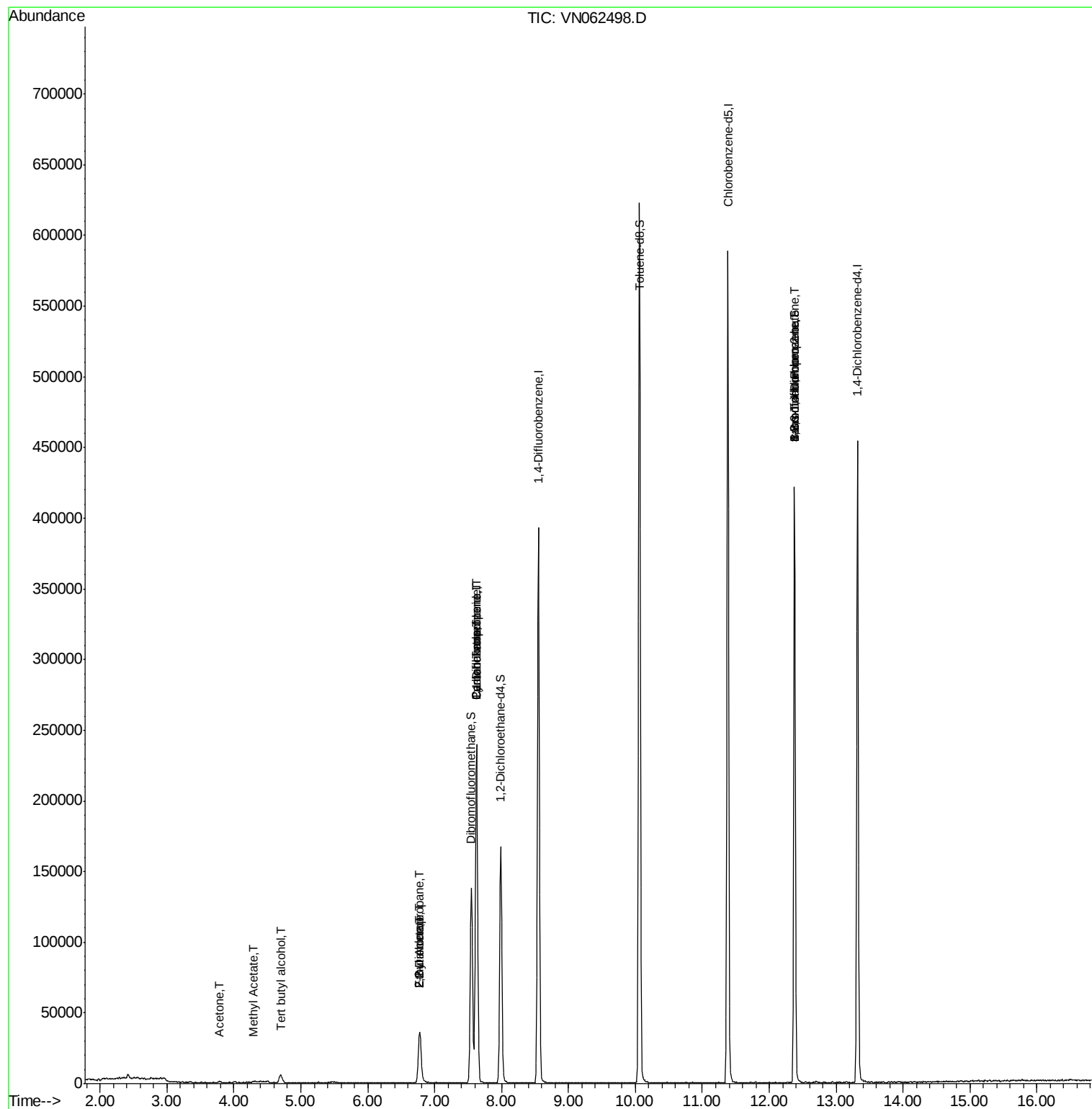
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.70	59	5710	11.956	ug/l #	74
16) Acetone	3.78	43	1440	1.178	ug/l #	45
18) Methyl Acetate	4.29	43	642	0.210	ug/l #	56
25) 2-Butanone	6.78	43	2252	1.261	ug/l #	53
26) 2,2-Dichloropropane	6.77	77	1432	0.405	ug/l #	54
31) Cyclohexane	7.62	56	4614	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	16800	5.004	ug/l #	51
37) Ethyl Acetate	6.78	43	2252	0.574	ug/l #	50
38) Carbon Tetrachloride	7.63	117	18818	6.235	ug/l #	15
71) Bromoform	12.38	173	823	0.487	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	80758	28.017	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	80758	74.991	ug/l #	10
95) Naphthalene	15.11	128	302	Below Cal	#	70

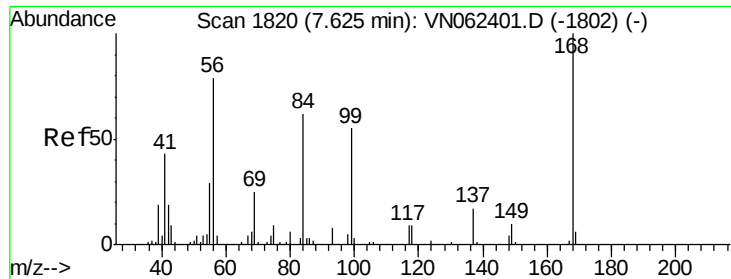
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071020\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 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: VN062498.D

Acq: 10 Jul 2020 17:32

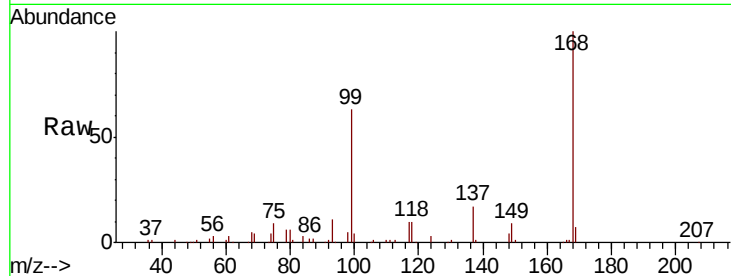
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 187186

Ion Ratio Lower Upper

168 100

99 63.1 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

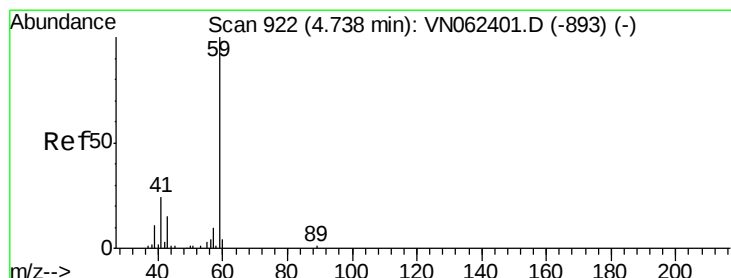
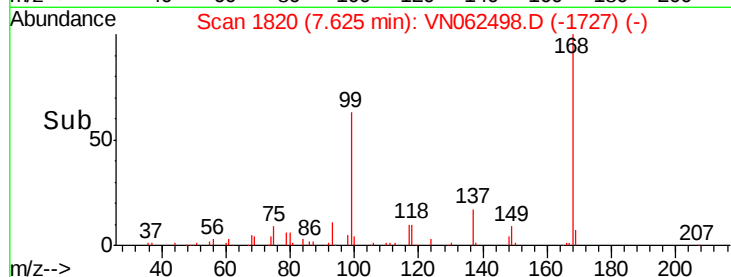
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 11.956 ug/l

RT: 4.70 min Scan# 909

Delta R.T. -0.04 min

Lab File: VN062498.D

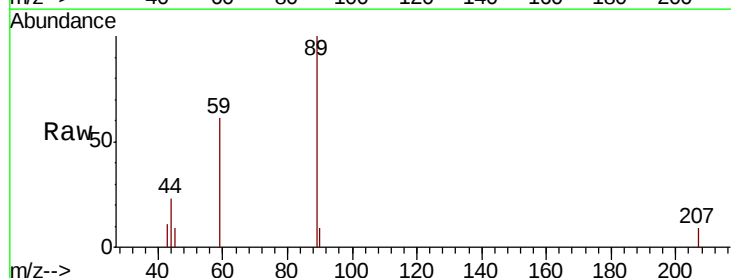
Acq: 10 Jul 2020 17:32

Tgt Ion: 59 Resp: 5710

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.70

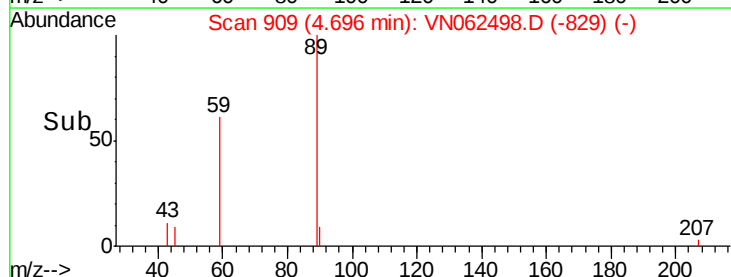
1500

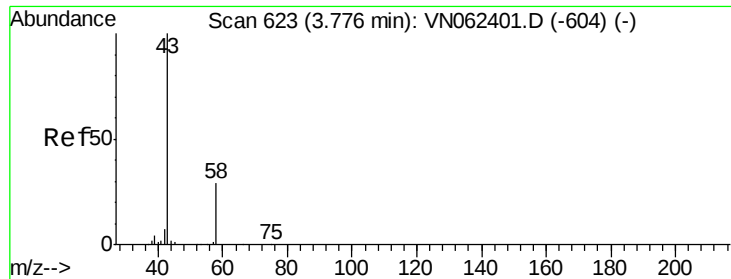
1000

500

0

Time--> 4.60 4.65 4.70 4.75 4.80

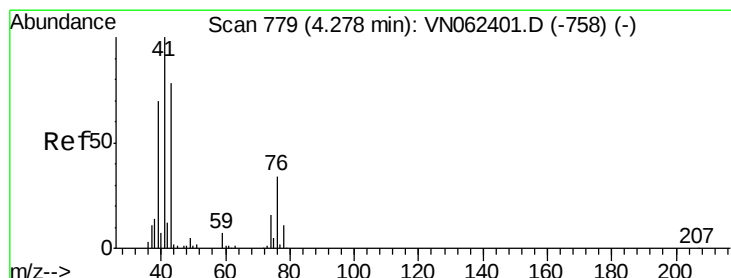
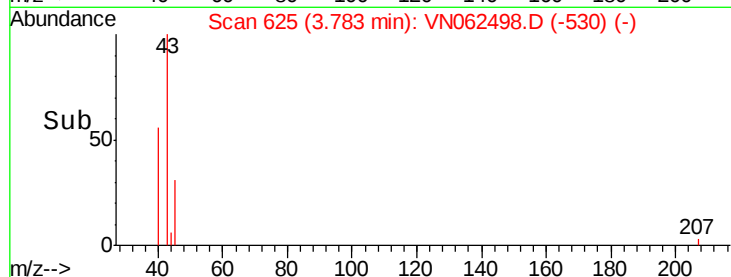
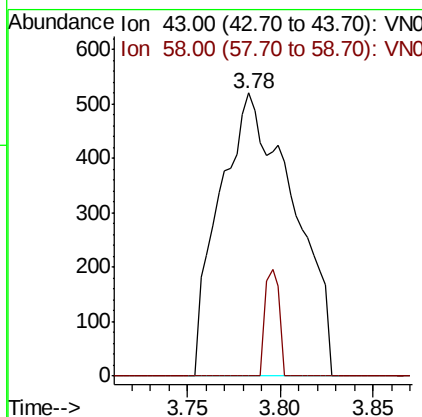
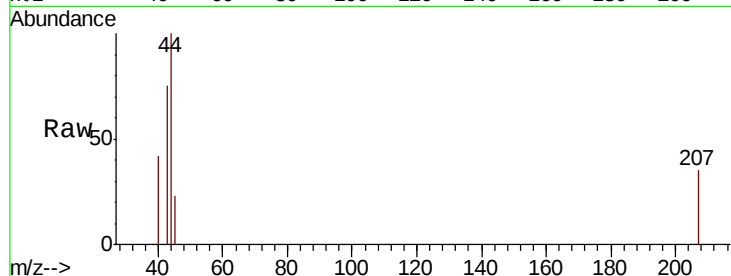




#16
Acetone
Concen: 1.178 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN062498.D
Acq: 10 Jul 2020 17:32

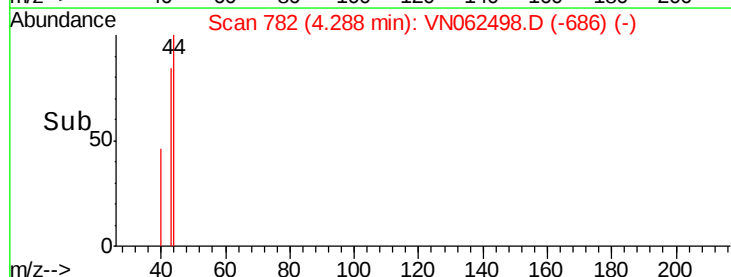
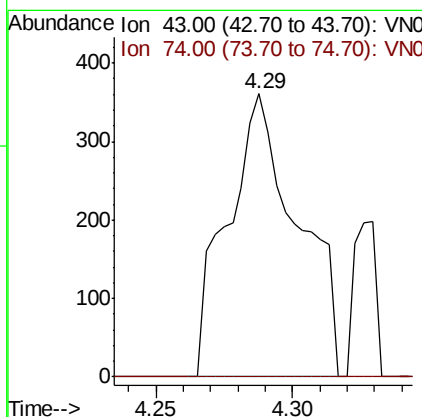
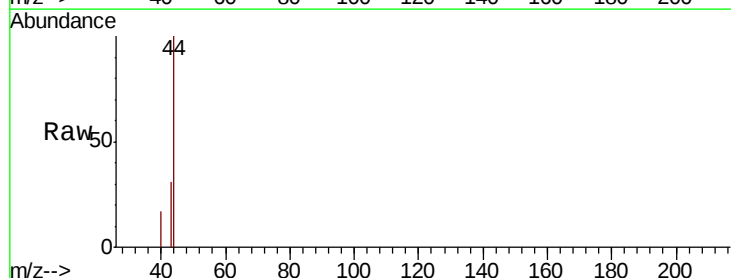
Instrument :
MSVOA_N
ClientSampleId :

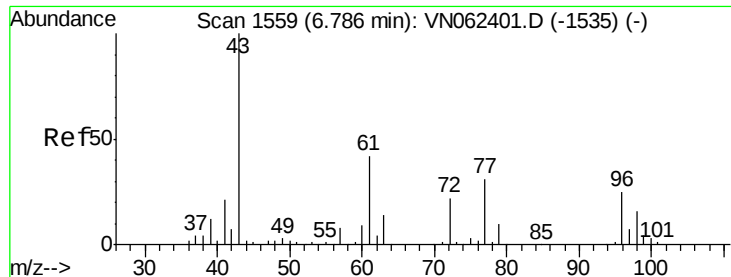
Tot Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 0.0 23.5 35.3#



#18
Methyl Acetate
Concen: 0.210 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062498.D
Acq: 10 Jul 2020 17:32

Tgt Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
74 0.0 16.0 24.0#

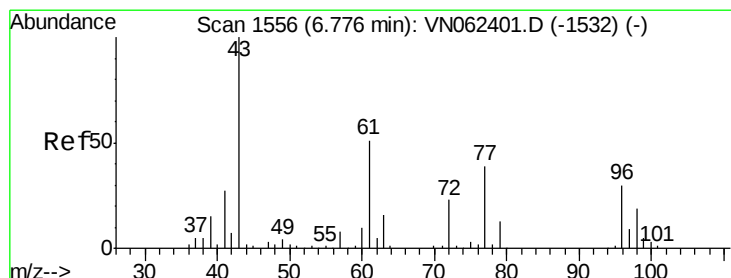
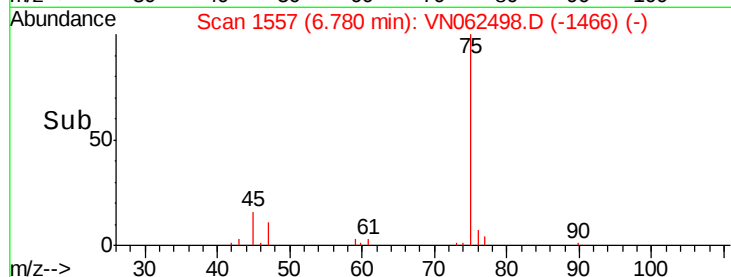
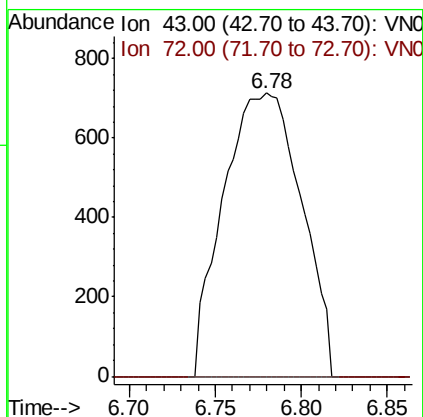
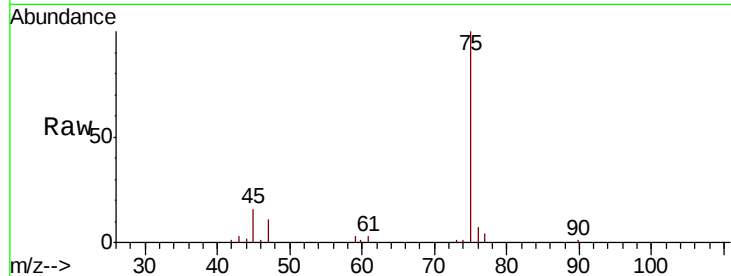




#25
2-Butanone
Concen: 1.261 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN062498.D
Acq: 10 Jul 2020 17:32

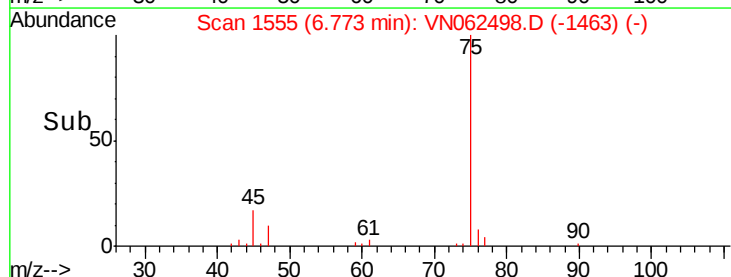
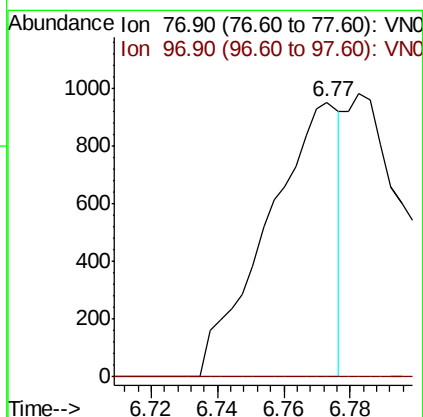
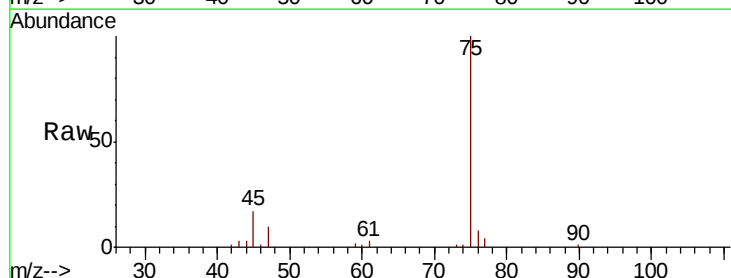
Instrument :
MSVOA_N
ClientSampled :

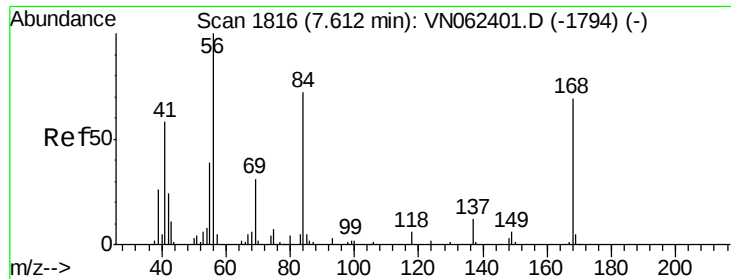
Tot Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
72 0.0 17.9 26.9#



#26
2,2-Dichloropropane
Concen: 0.405 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062498.D
Acq: 10 Jul 2020 17:32

Tgt Ion: 77 Resp: 1432
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#

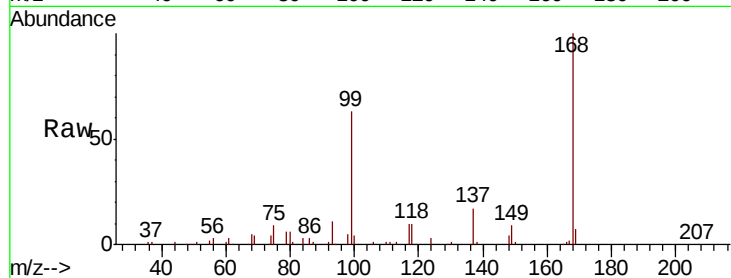




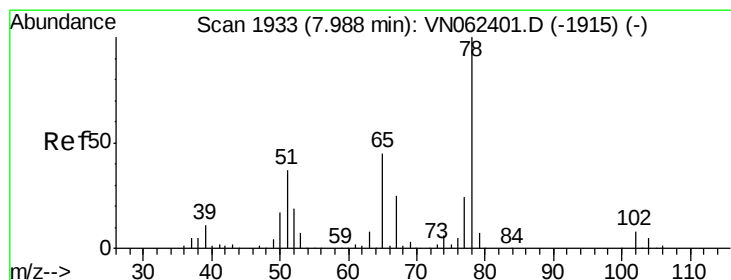
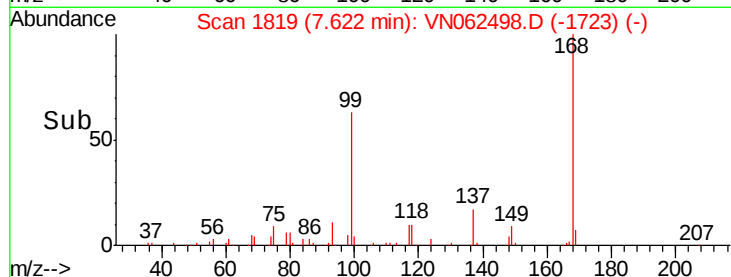
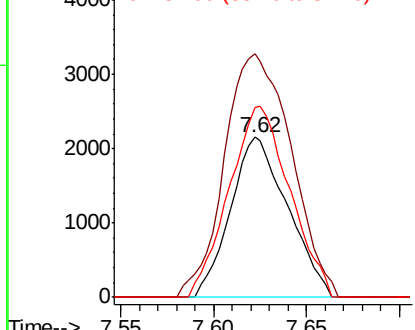
#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062498.D
Acq: 10 Jul 2020 17:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 4614
Ion Ratio Lower Upper
56 100
69 152.0 24.5 36.7#
84 118.4 57.4 86.2#

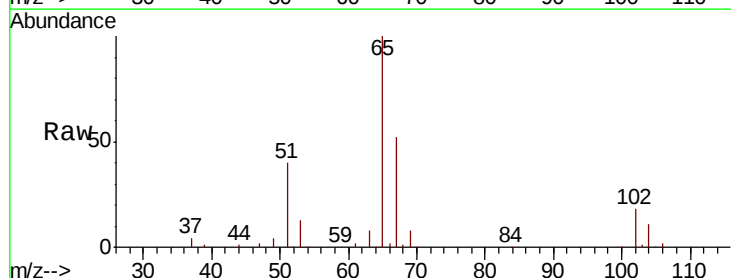


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

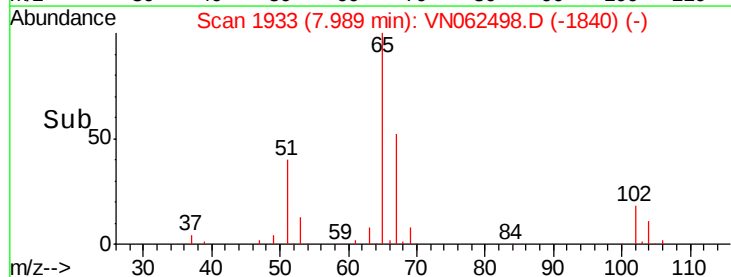
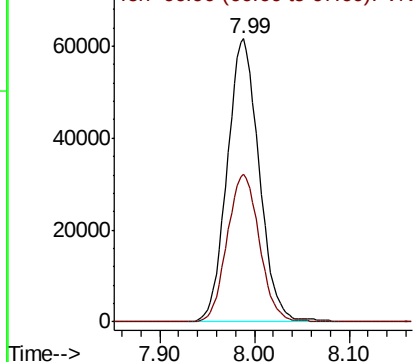


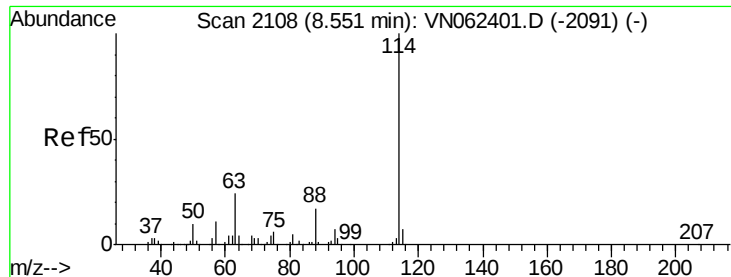
#33
1,2-Dichloroethane-d4
Concen: 50.301 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062498.D
Acq: 10 Jul 2020 17:32

Tgt Ion: 65 Resp: 144824
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.6



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

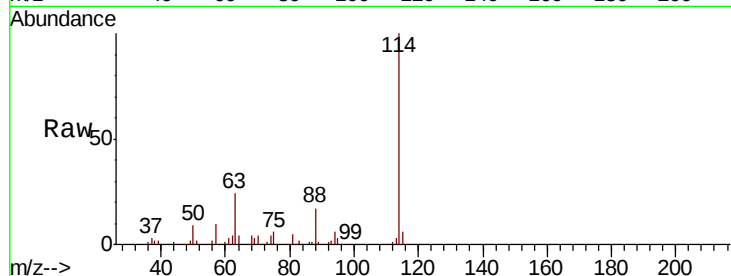




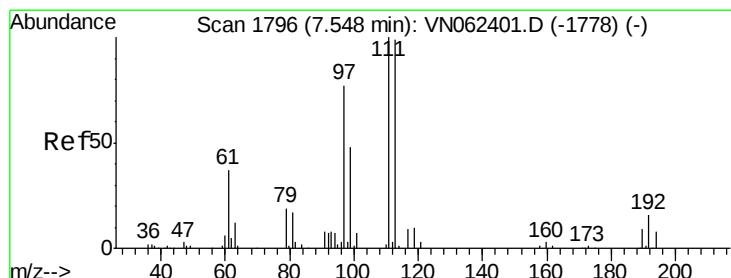
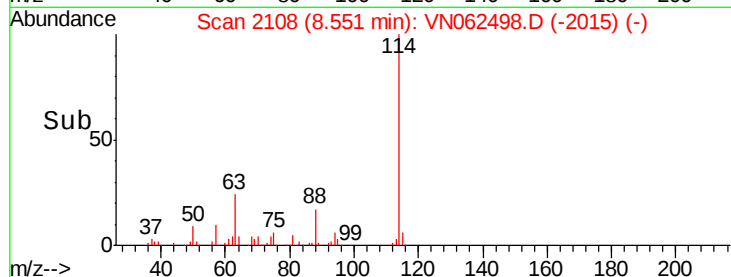
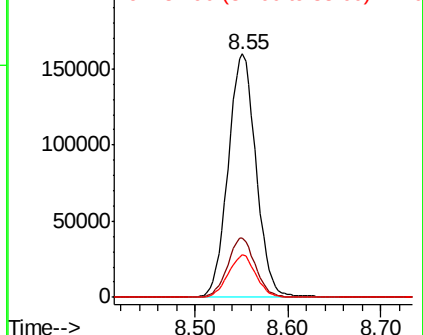
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062498.D
 Acq: 10 Jul 2020 17:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.4
88	17.4	0.0	33.8

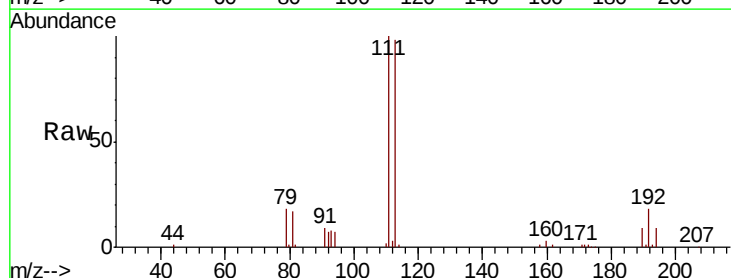


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

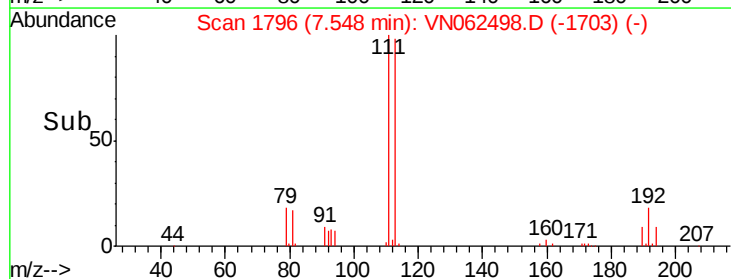
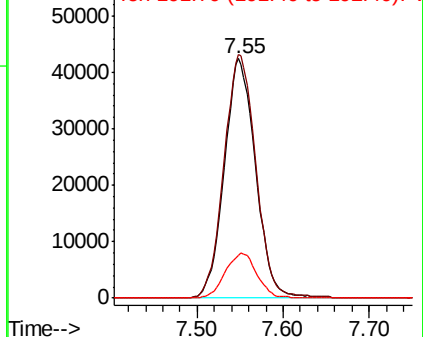


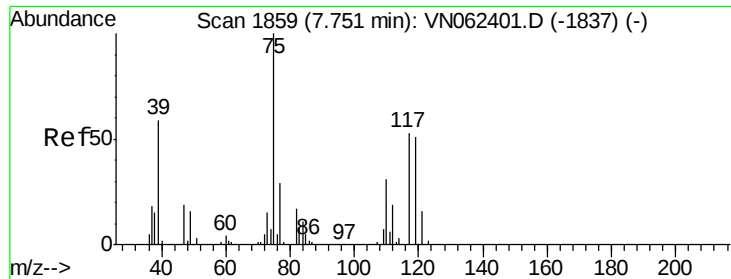
#35
 Dibromofluoromethane
 Concen: 51.953 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062498.D
 Acq: 10 Jul 2020 17:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	19.0	14.1	21.1



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

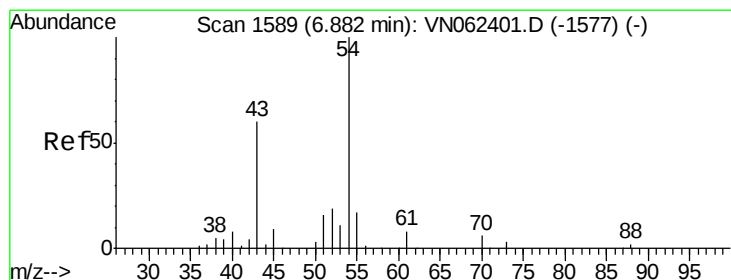
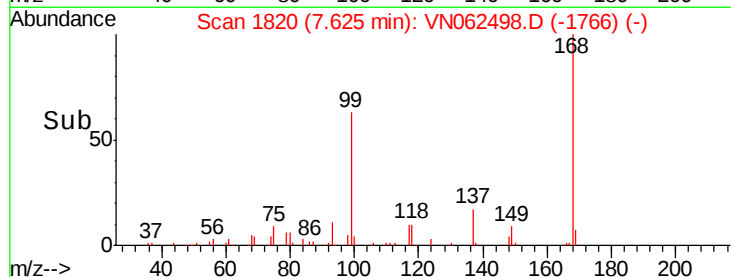
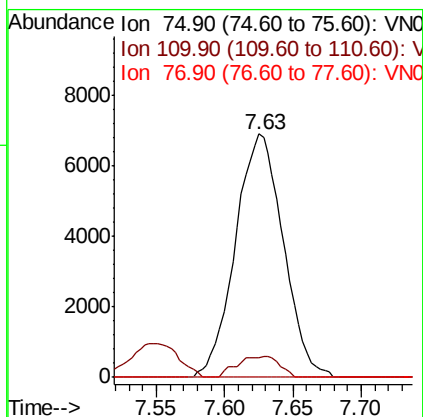
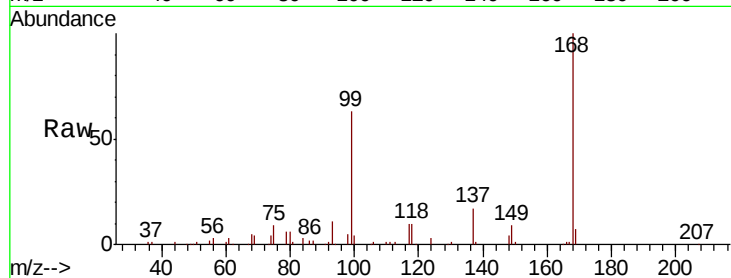




#36
 1,1-Dichloropropene
 Concen: 5.004 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062498.D
 Acq: 10 Jul 2020 17:32

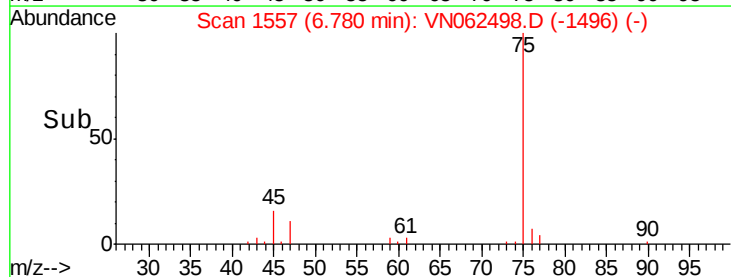
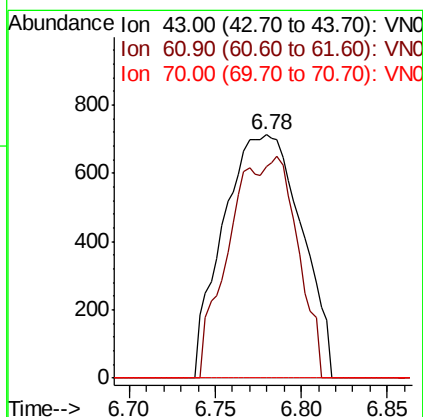
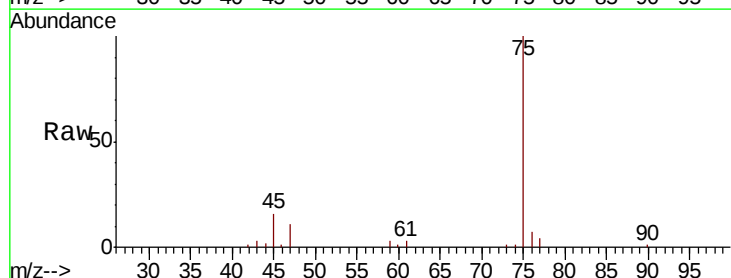
Instrument :
 MSVOA_N
 ClientSampleId :

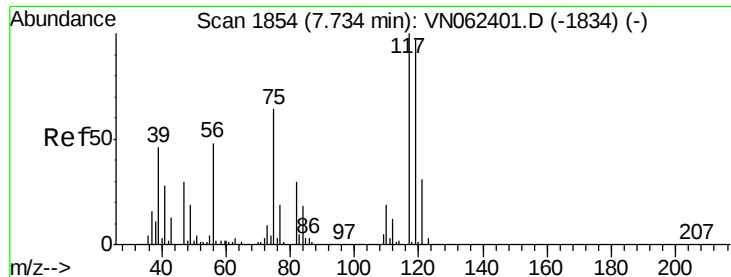
Tot Ion: 75 Resp: 16800
 Ion Ratio Lower Upper
 75 100
 110 7.6 15.4 46.2#
 77 0.0 24.1 36.1#



#37
 Ethyl Acetate
 Concen: 0.574 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VN062498.D
 Acq: 10 Jul 2020 17:32

Tgt Ion: 43 Resp: 2252
 Ion Ratio Lower Upper
 43 100
 61 40.2 10.7 16.1#
 70 0.0 7.2 10.8#





#38

Carbon Tetrachloride

Concen: 6.235 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN062498.D

Acq: 10 Jul 2020 17:32

Instrument :

MSVOA_N

ClientSampled :

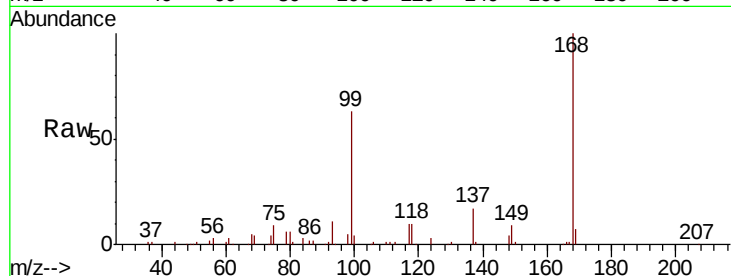
Tot Ion:117 Resp: 18818

Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

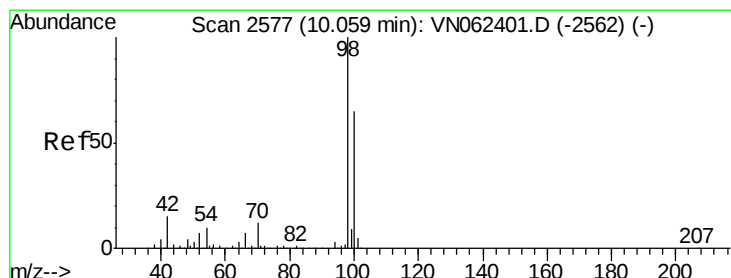
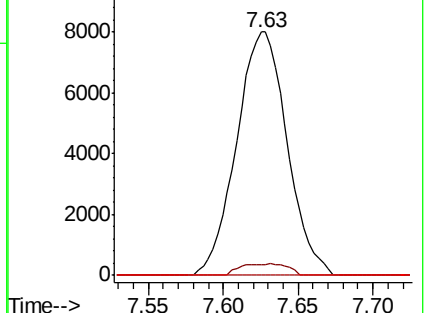
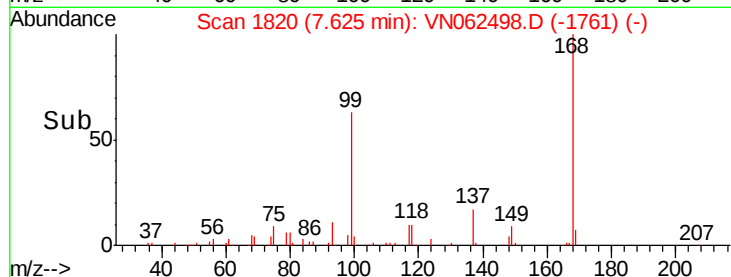
121 0.0 24.8 37.2#



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: 52.977 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062498.D

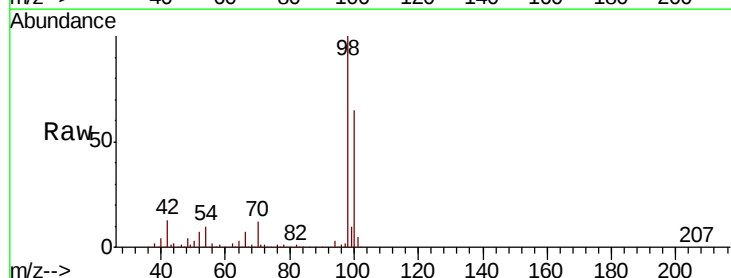
Acq: 10 Jul 2020 17:32

Tgt Ion: 98 Resp: 430754

Ion Ratio Lower Upper

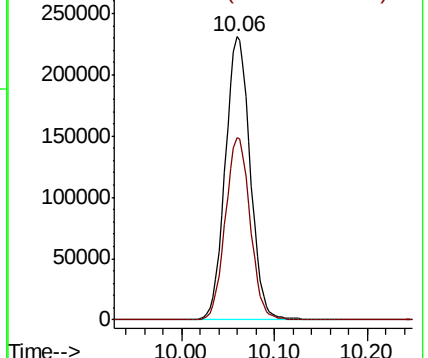
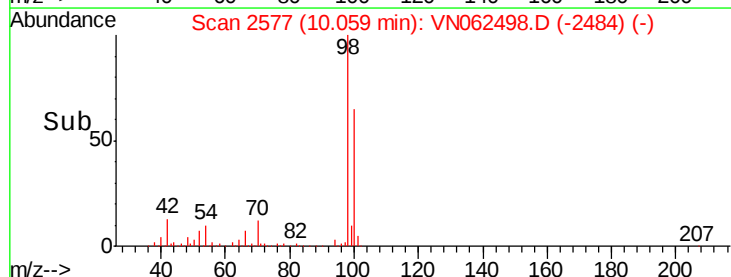
98 100

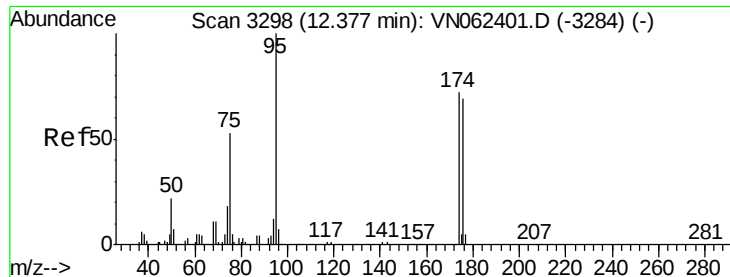
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 51.135 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062498.D

Acq: 10 Jul 2020 17:32

Instrument :

MSVOA_N

ClientSampleId :

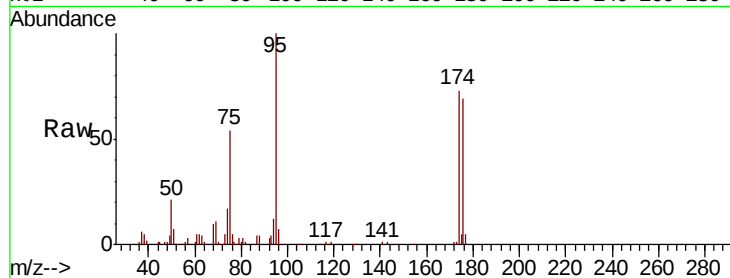
Tot Ion: 95 Resp: 151938

Ion Ratio Lower Upper

95 100

174 72.7 0.0 141.6

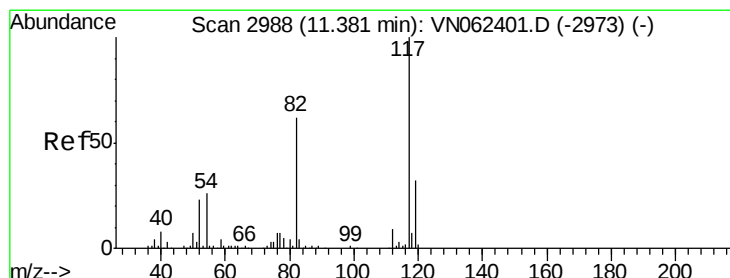
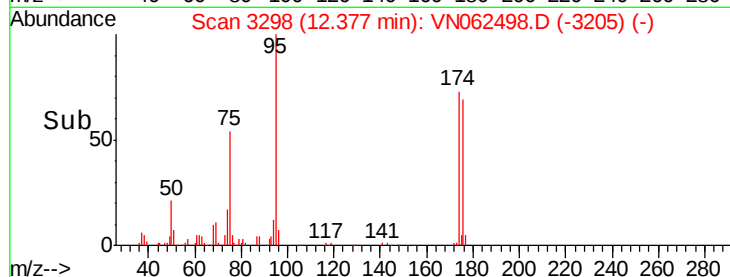
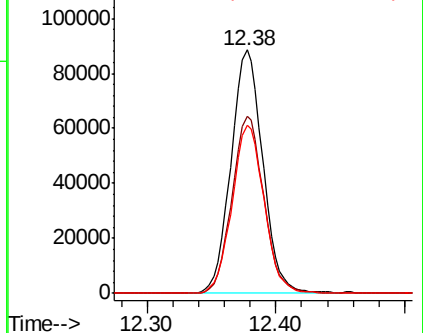
176 69.6 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062401.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062401.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062401.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062498.D

Acq: 10 Jul 2020 17:32

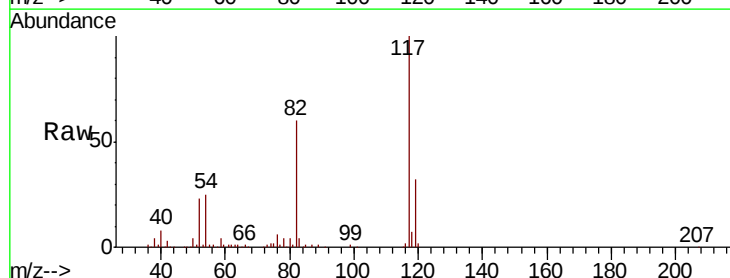
Tgt Ion: 117 Resp: 321638

Ion Ratio Lower Upper

117 100

82 59.8 49.6 74.4

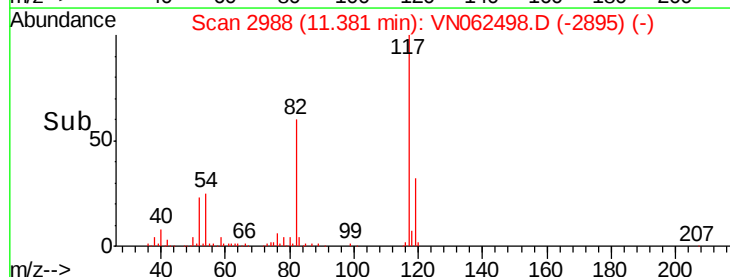
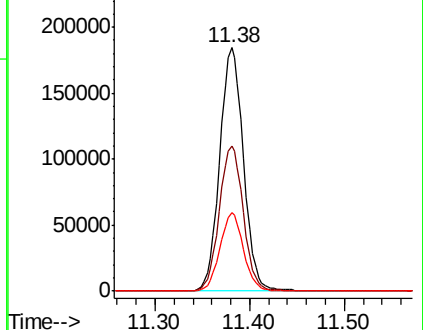
119 32.3 25.4 38.0

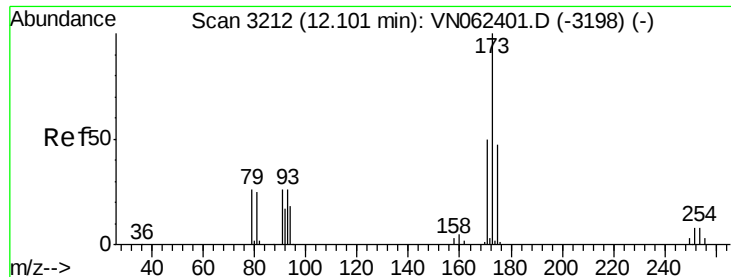


Abundance Ion 116.90 (116.60 to 117.60): VN062401.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN062401.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN062401.D (-2973) (-)





#71

Bromoform

Concen: 0.487 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.28 min

Lab File: VN062498.D

Acq: 10 Jul 2020 17:32

Instrument :

MSVOA_N

ClientSampled :

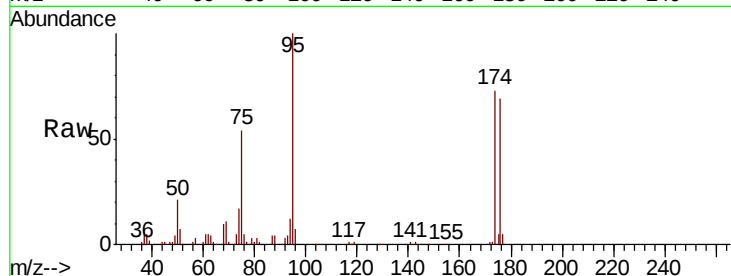
Tot Ion:173 Resp: 823

Ion Ratio Lower Upper

173 100

175 802.8 23.7 71.1#

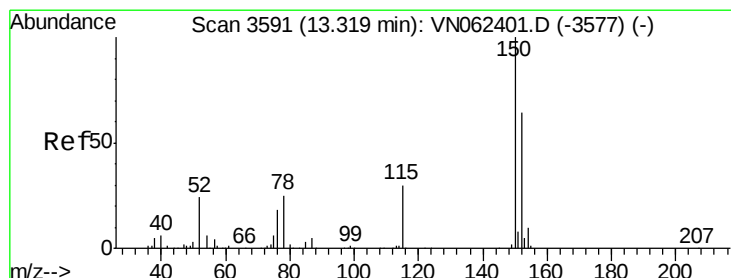
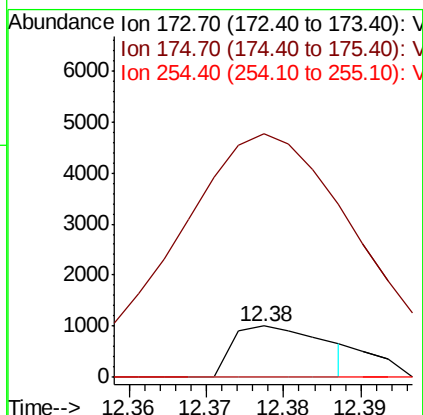
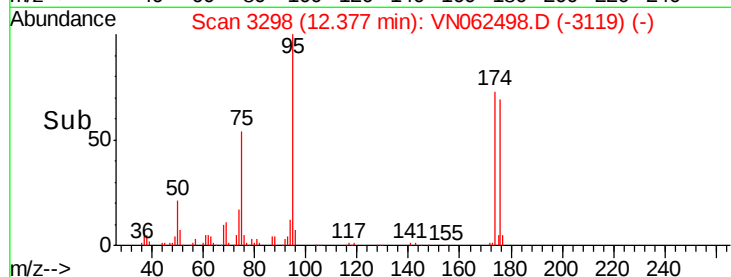
254 0.0 0.0 0.0



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: VN062498.D

Acq: 10 Jul 2020 17:32

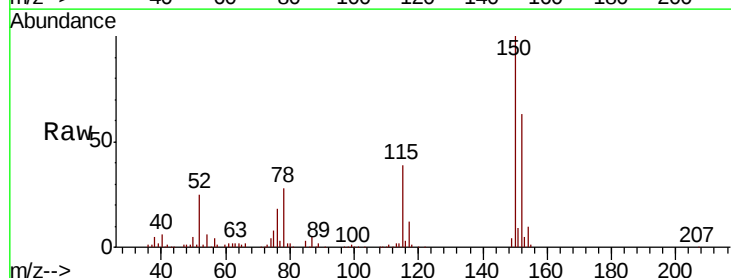
Tgt Ion:152 Resp: 117474

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

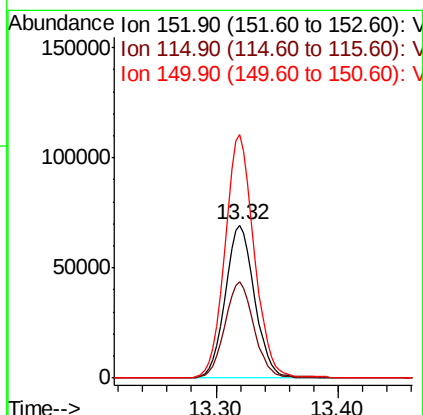
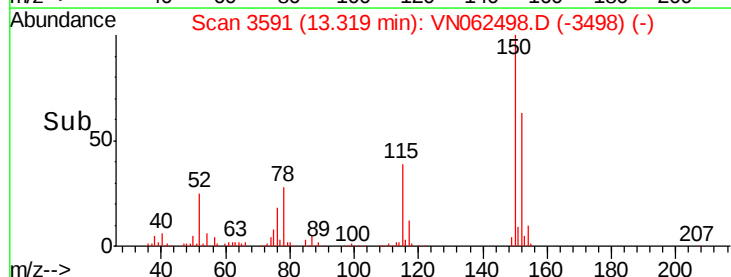
150 157.9 0.0 347.4

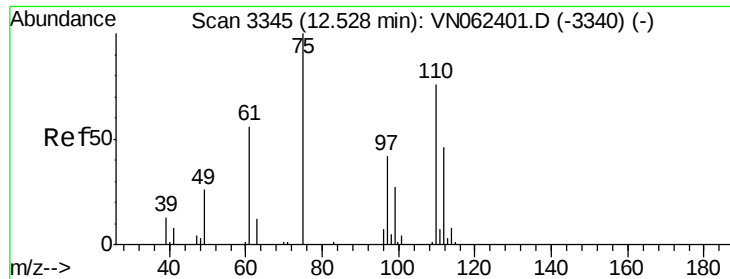


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

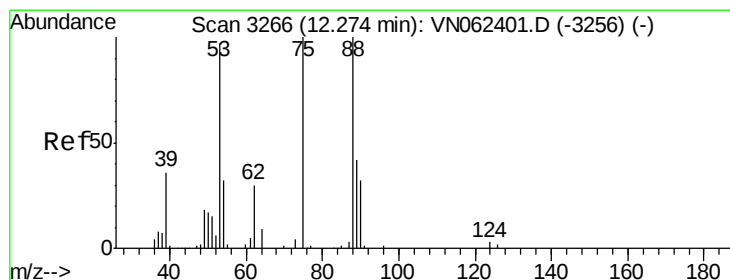
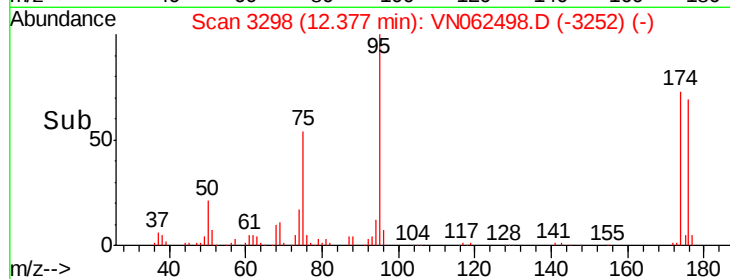
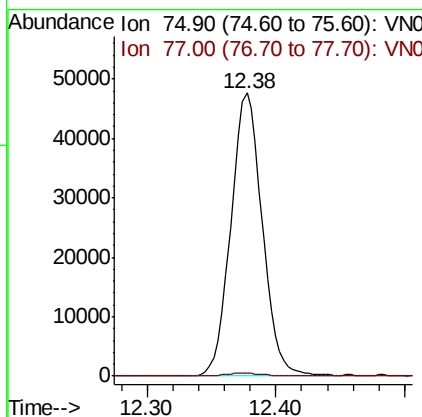
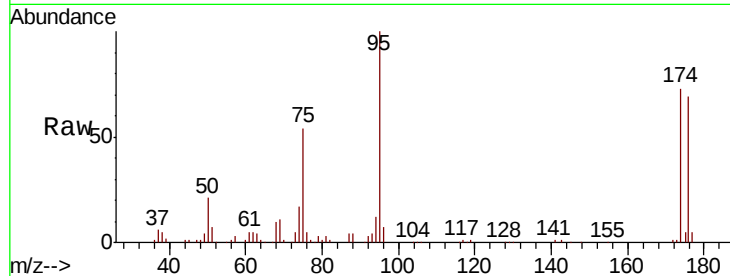




#76
 1,2,3-Trichloropropane
 Concen: 28.017 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062498.D
 Acq: 10 Jul 2020 17:32

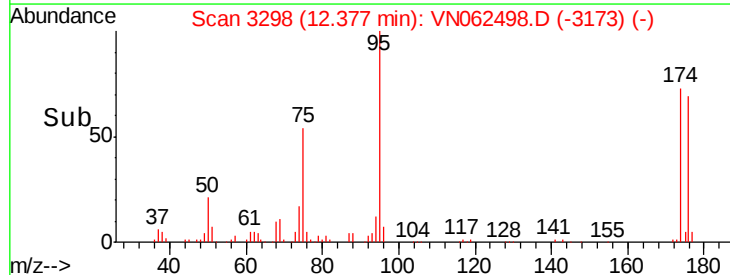
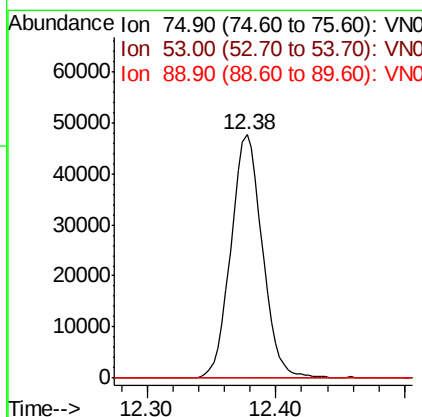
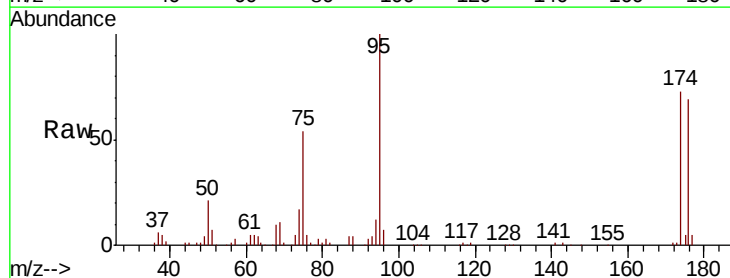
Instrument :
 MSVOA_N
 ClientSampleId :

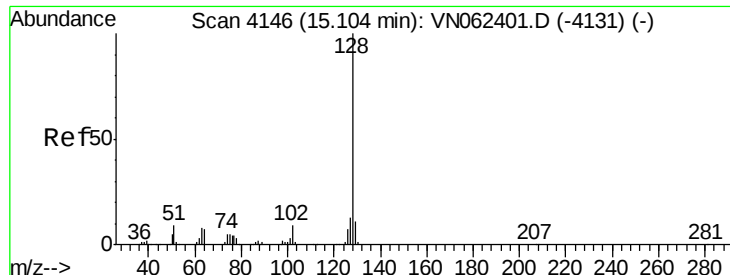
Tot Ion: 75 Resp: 80758
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.991 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062498.D
 Acq: 10 Jul 2020 17:32

Tgt Ion: 75 Resp: 80758
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.0 34.6 52.0#

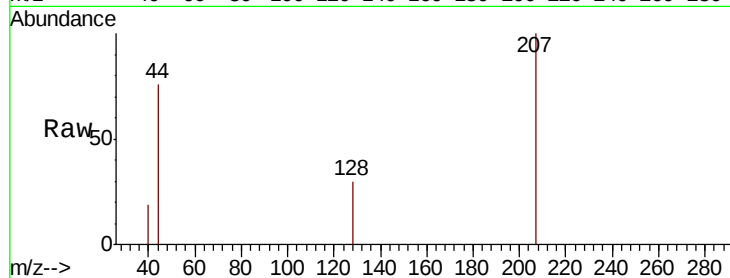




#95
Naphthalene
Concen: Below Cal
RT: 15.11 min Scan# 4149
Delta R.T. 0.01 min
Lab File: VN062498.D
Acq: 10 Jul 2020 17:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#



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

