

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062502.D
 Acq On : 10 Jul 2020 19:09
 Operator : JC/MD
 Sample : L3258-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 02:09:52 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	183332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	330934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	316905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115324	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	143336	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
35) Dibromofluoromethane	7.55	113	106019	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
50) Toluene-d8	10.06	98	426900	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.38	95	149584	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	

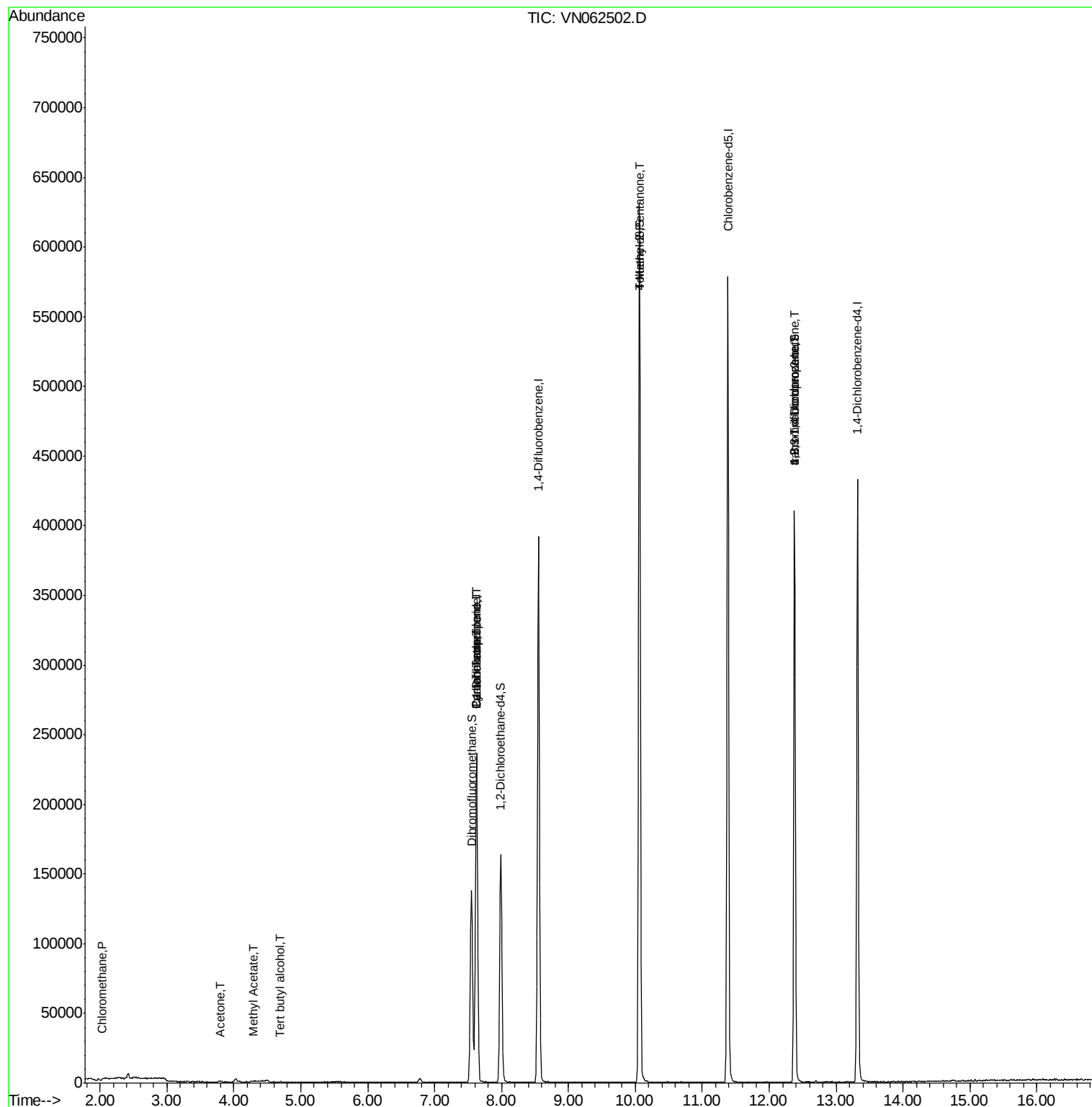
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	955	0.319	ug/l	95
11) Tert butyl alcohol	4.70	59	111	0.237	ug/l #	74
16) Acetone	3.79	43	958	0.800	ug/l #	45
18) Methyl Acetate	4.29	43	901	0.302	ug/l #	56
31) Cyclohexane	7.63	56	4462	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	16144	4.842	ug/l #	51
38) Carbon Tetrachloride	7.63	117	19041	6.352	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	2299	0.625	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	78445	27.722	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	78445	74.201	ug/l #	10
95) Naphthalene	15.12	128	195	Below Cal	#	70

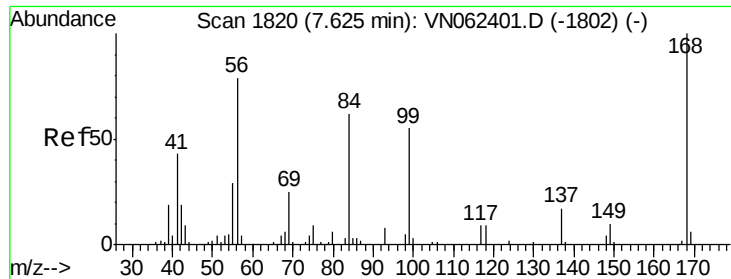
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071020\
Data File : VN062502.D
Acq On : 10 Jul 2020 19:09
Operator : JC/MD
Sample : L3258-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jul 11 02:09:52 2020
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

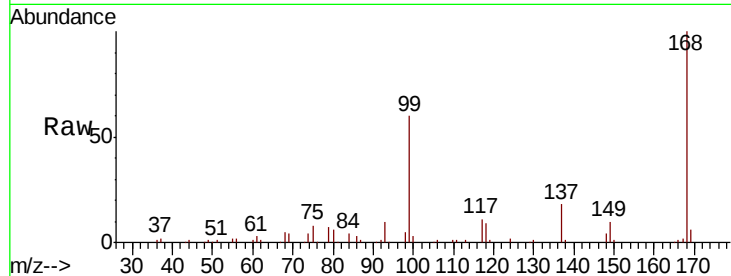




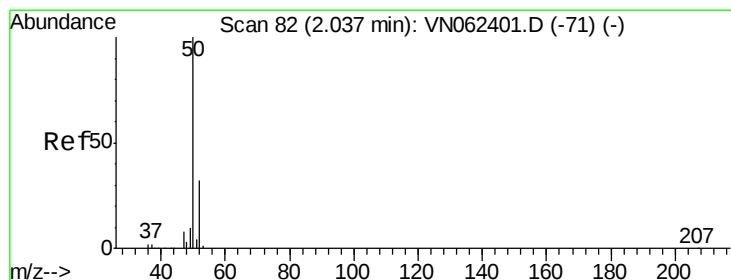
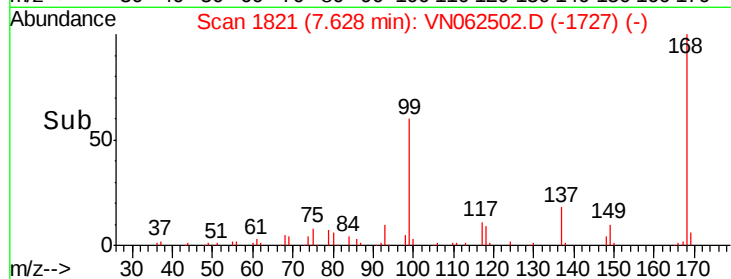
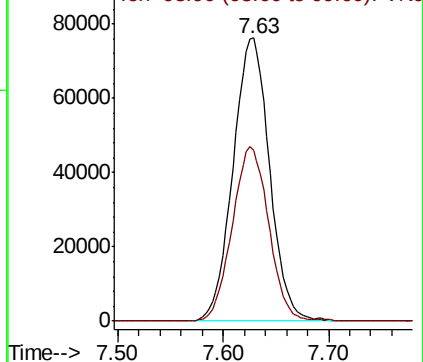
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VN062502.D
Acq: 10 Jul 2020 19:09

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 183332
Ion Ratio Lower Upper
168 100
99 60.4 48.8 73.2

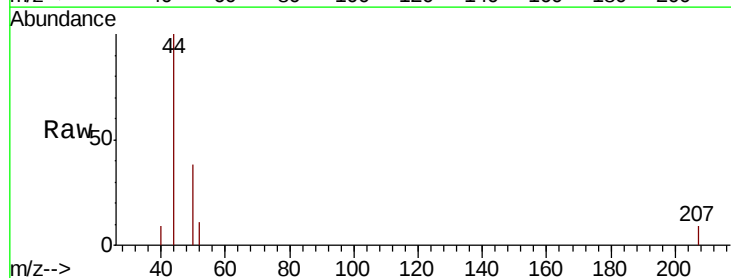


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

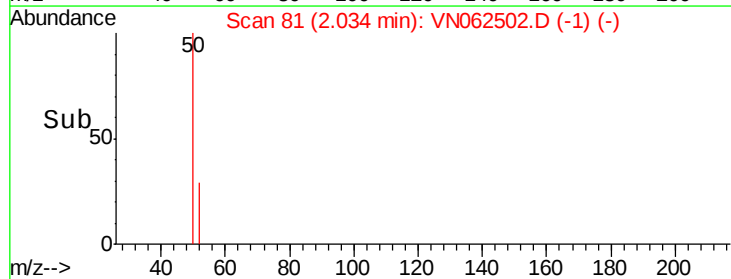
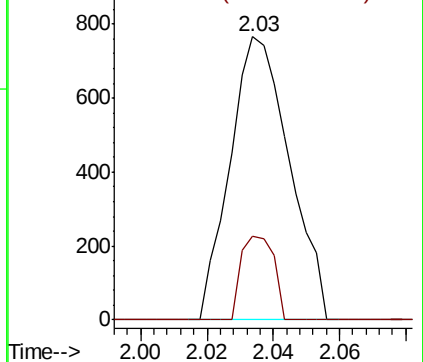


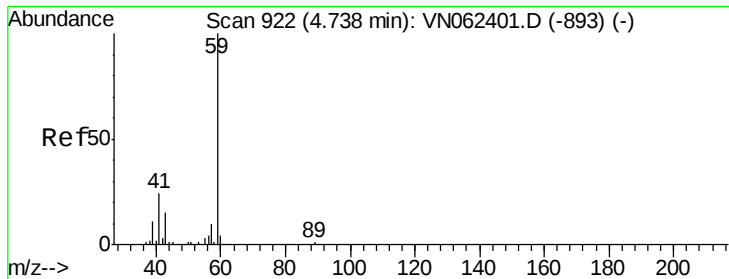
#3
Chloromethane
Concen: 0.319 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062502.D
Acq: 10 Jul 2020 19:09

Tgt Ion: 50 Resp: 955
Ion Ratio Lower Upper
50 100
52 29.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN
Ion 51.90 (51.60 to 52.60): VN



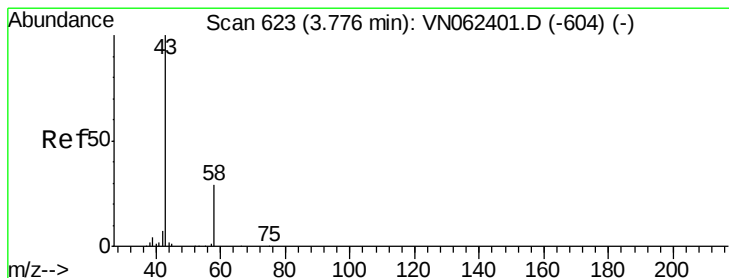
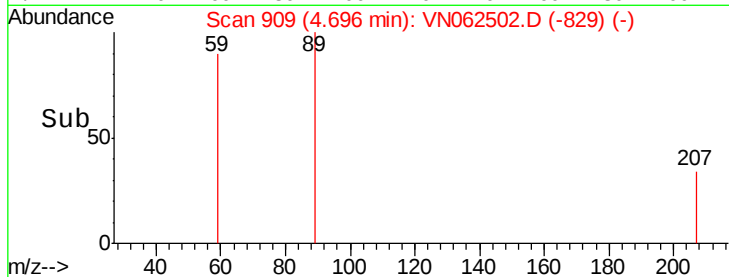
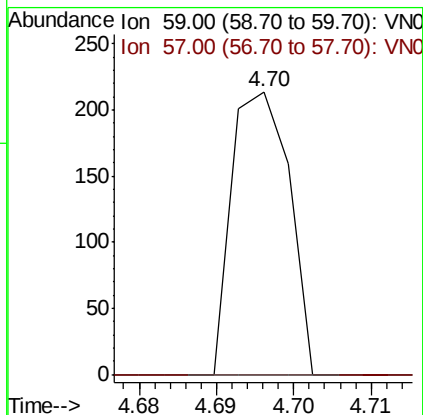
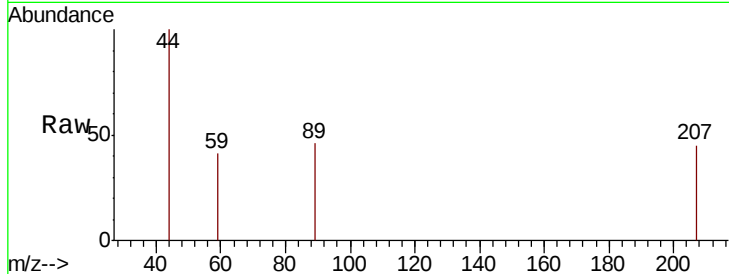


#11

Tert butyl alcohol
 Concen: 0.237 ug/l
 RT: 4.70 min Scan# 909
 Delta R.T. -0.04 min
 Lab File: VN062502.D
 Acq: 10 Jul 2020 19:09

Instrument :
 MSVOA_N
 ClientSampled :

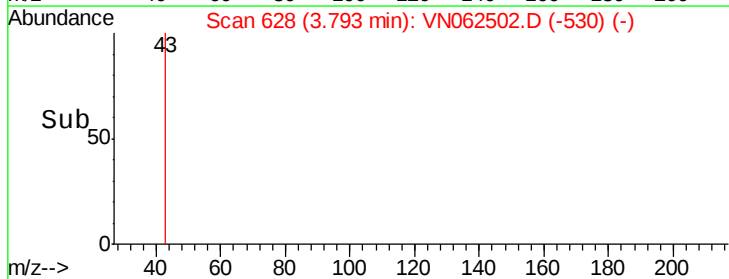
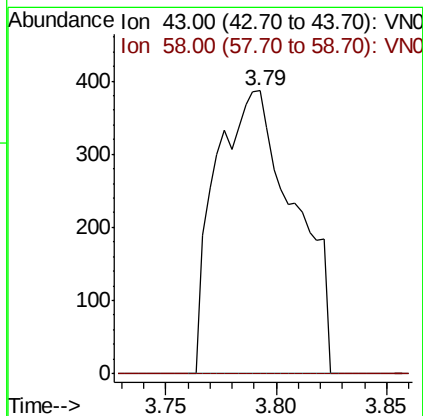
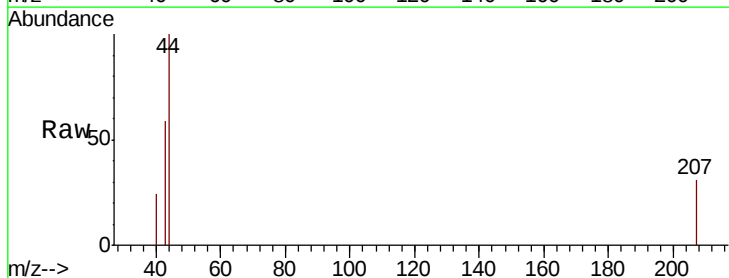
Tot Ion: 59 Resp: 111
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

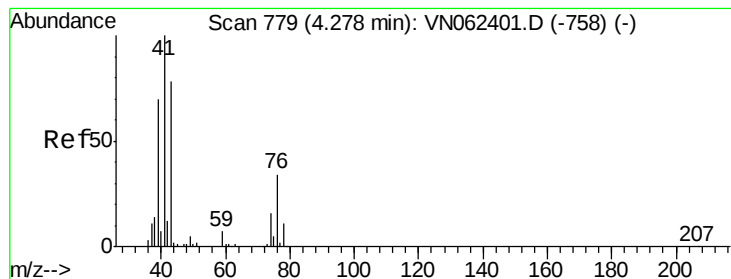


#16

Acetone
 Concen: 0.800 ug/l
 RT: 3.79 min Scan# 628
 Delta R.T. 0.02 min
 Lab File: VN062502.D
 Acq: 10 Jul 2020 19:09

Tgt Ion: 43 Resp: 958
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.5 35.3#





#18

Methyl Acetate

Concen: 0.302 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.01 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

Instrument :

MSVOA_N

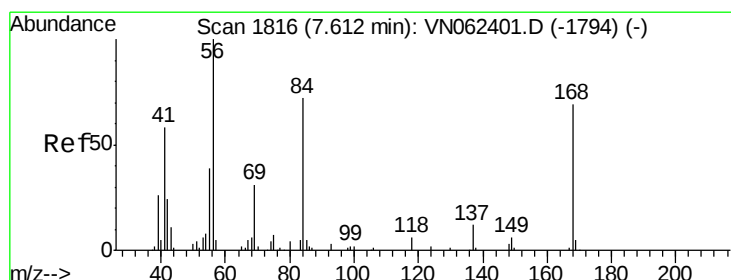
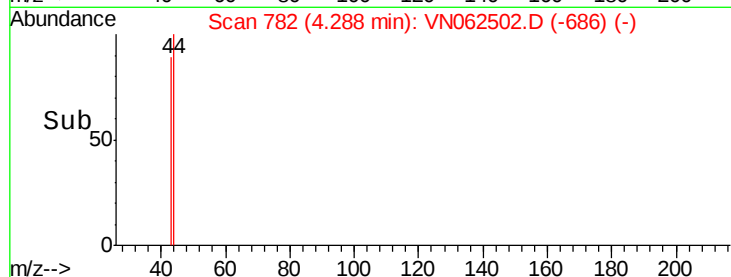
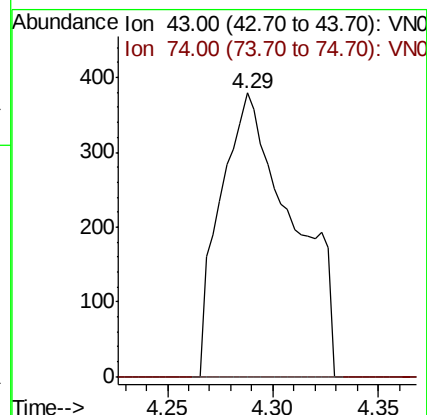
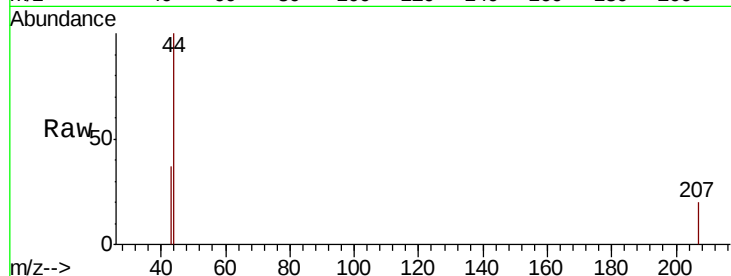
ClientSampleId :

Tot Ion: 43 Resp: 901

Ion Ratio Lower Upper

43 100

74 0.0 16.0 24.0#



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

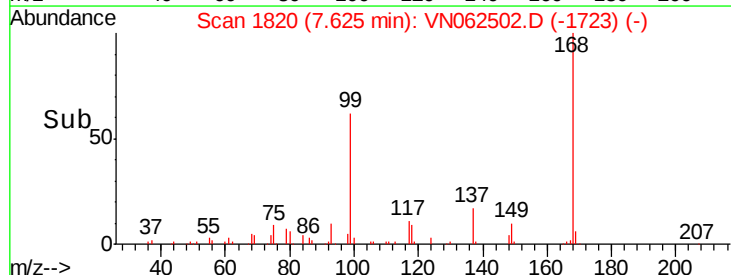
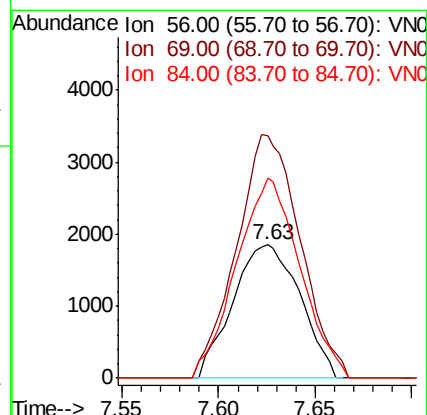
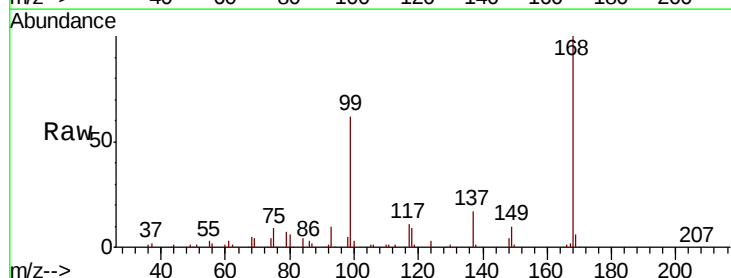
Tgt Ion: 56 Resp: 4462

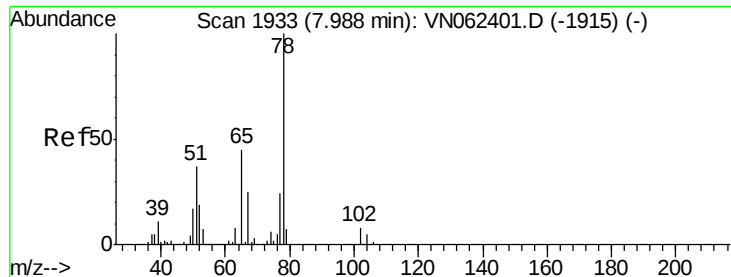
Ion Ratio Lower Upper

56 100

69 181.8 24.5 36.7#

84 149.6 57.4 86.2#

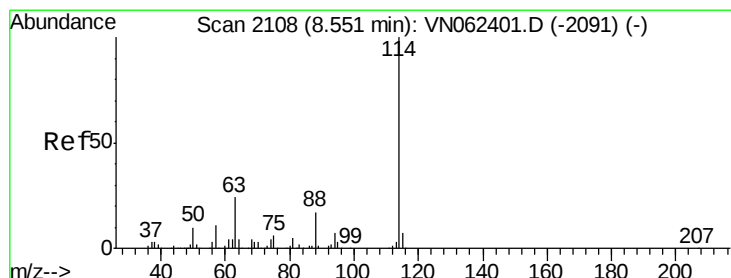
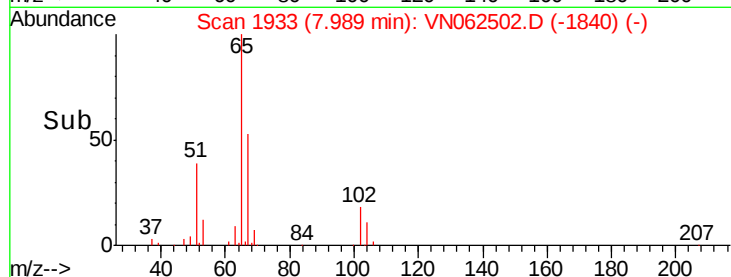
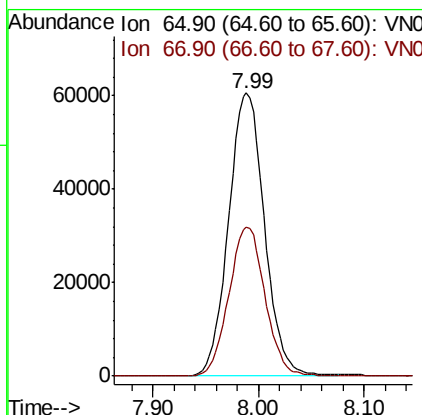
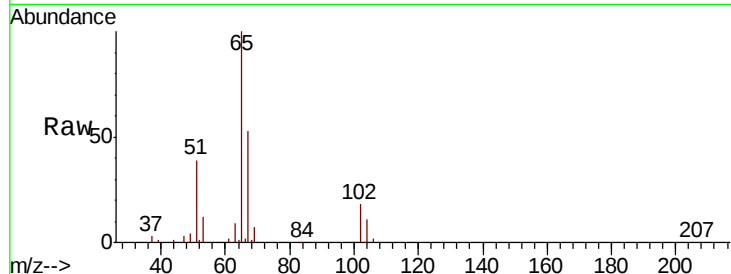




#33
 1,2-Dichloroethane-d4
 Concen: 50.831 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062502.D
 Acq: 10 Jul 2020 19:09

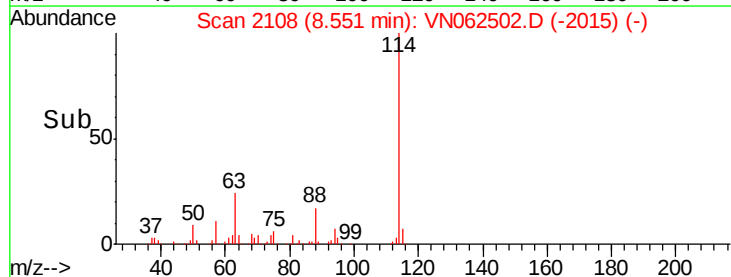
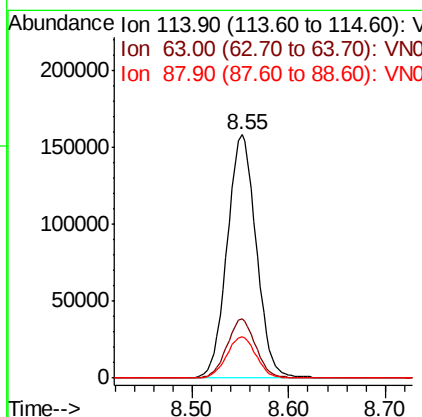
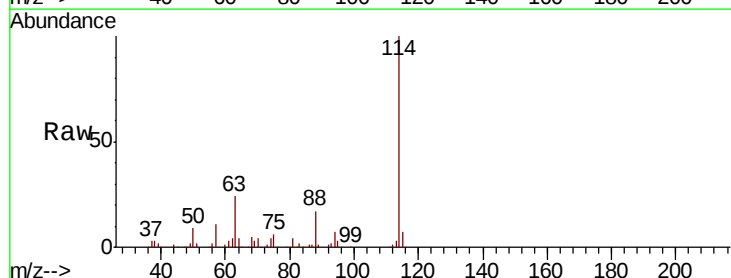
Instrument :
 MSVOA_N
 ClientSampleId :

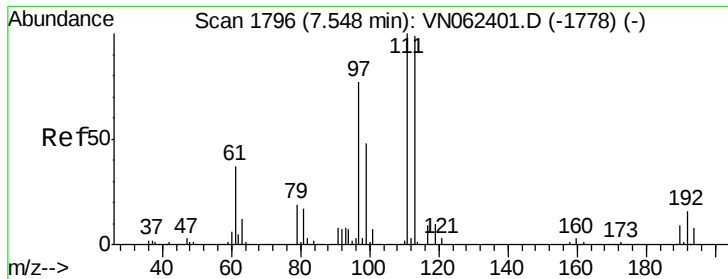
Tot Ion: 65 Resp: 143336
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062502.D
 Acq: 10 Jul 2020 19:09

Tgt Ion: 114 Resp: 330934
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.4
 88 16.8 0.0 33.8

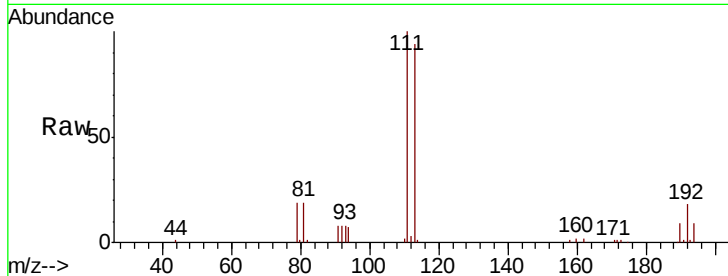




#35
 Dibromofluoromethane
 Concen: 51.827 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062502.D
 Acq: 10 Jul 2020 19:09

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	18.4	14.1	21.1

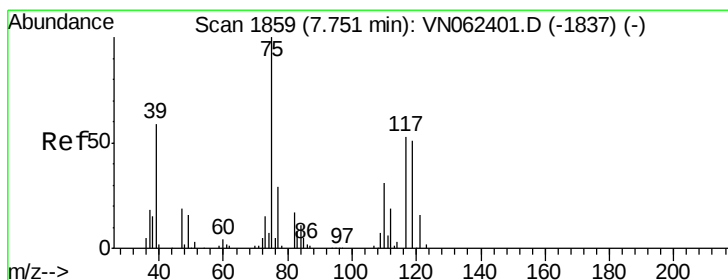
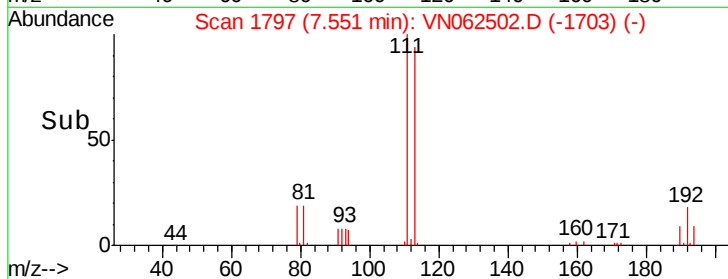
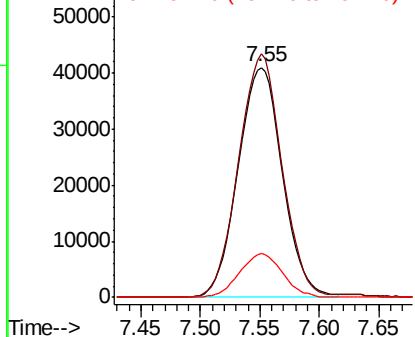


Abundance

Ion 112.80 (112.50 to 113.50): V

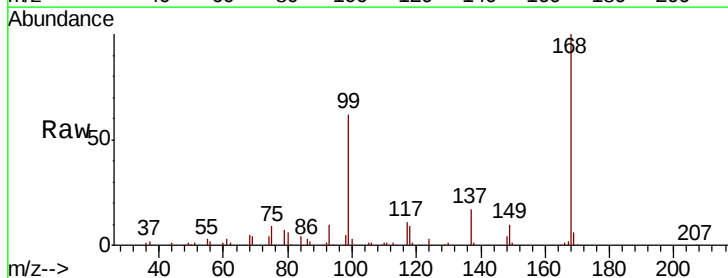
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.842 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062502.D
 Acq: 10 Jul 2020 19:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.4	46.2#
77	0.0	24.1	36.1#

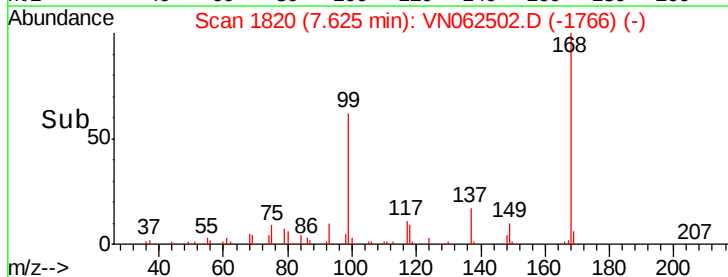
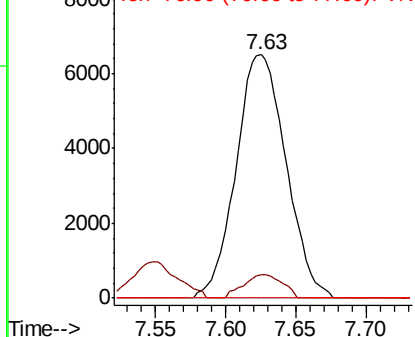


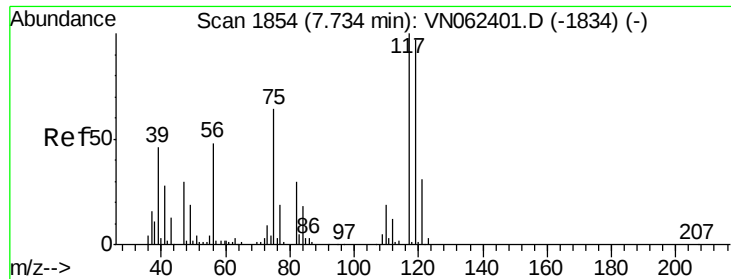
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

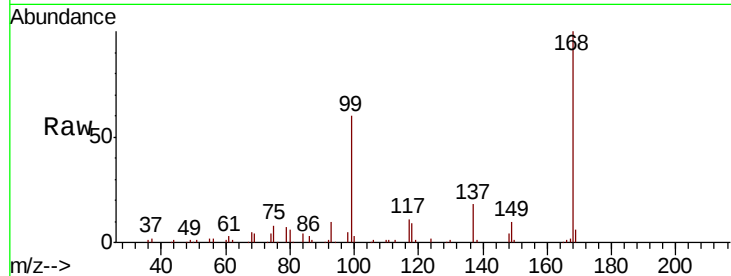




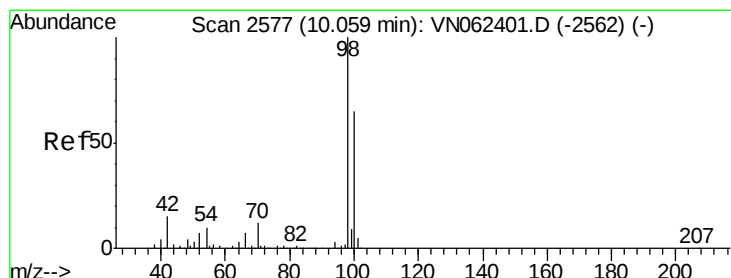
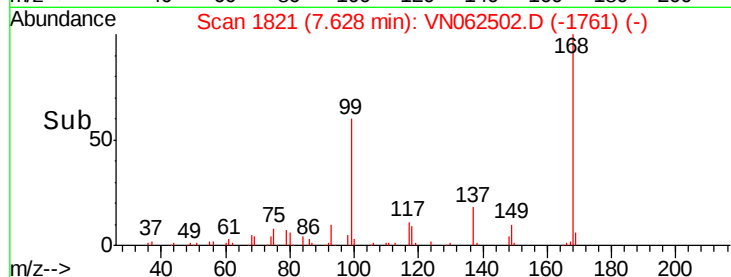
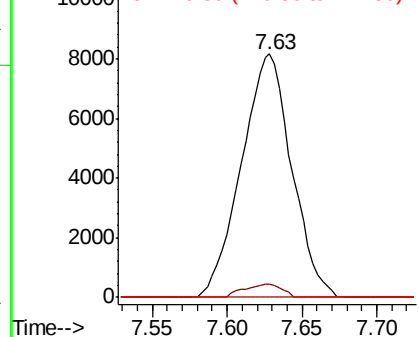
#38
Carbon Tetrachloride
Concen: 6.352 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.11 min
Lab File: VN062502.D
Acq: 10 Jul 2020 19:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 19041
Ion Ratio Lower Upper
117 100
119 5.6 77.2 115.8#
121 0.0 24.8 37.2#

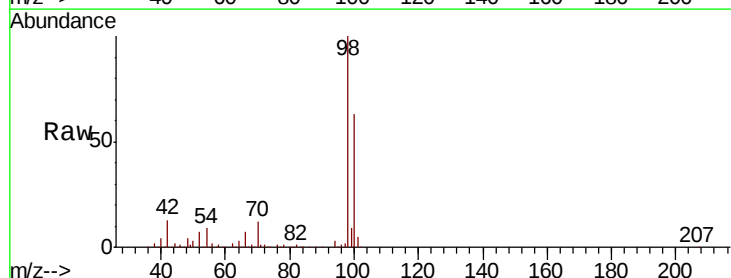


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

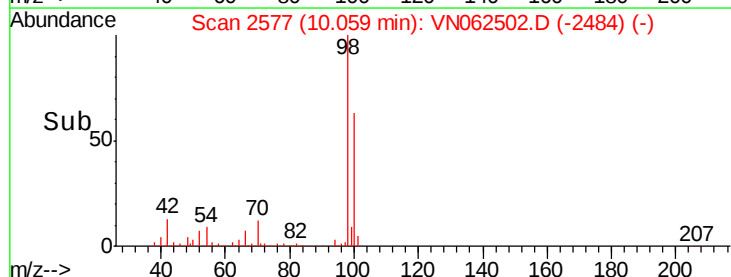
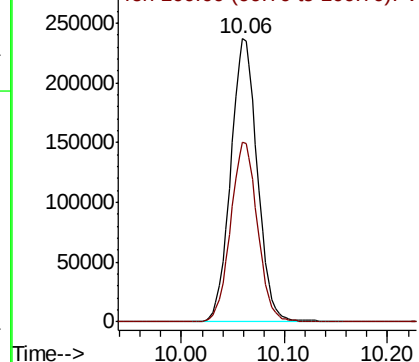


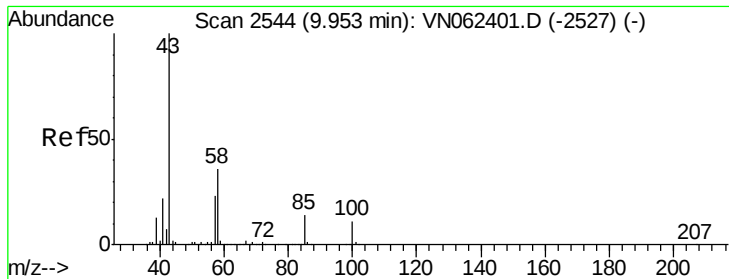
#50
Toluene-d8
Concen: 52.864 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062502.D
Acq: 10 Jul 2020 19:09

Tgt Ion: 98 Resp: 426900
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.625 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. 0.10 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

Instrument :

MSVOA_N

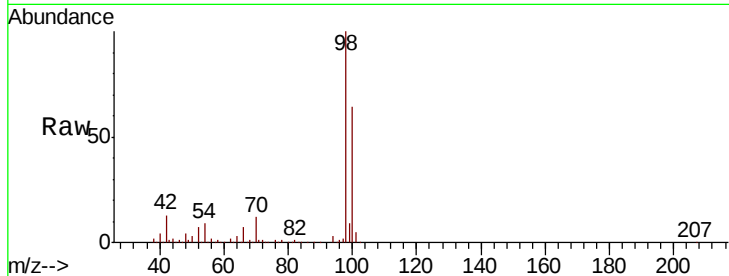
ClientSampleId :

Tot Ion: 43 Resp: 2299

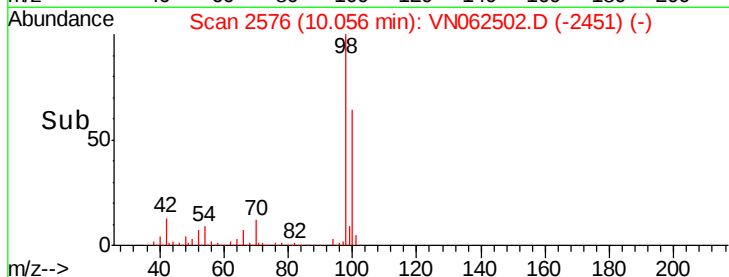
Ion Ratio Lower Upper

43 100

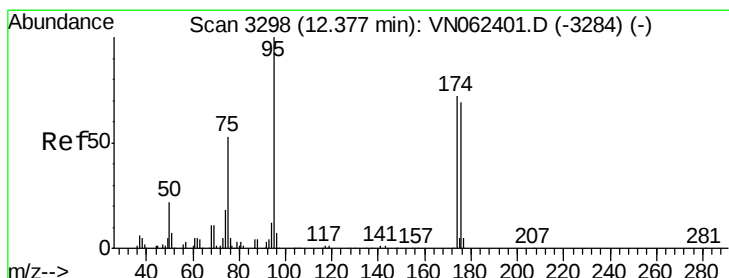
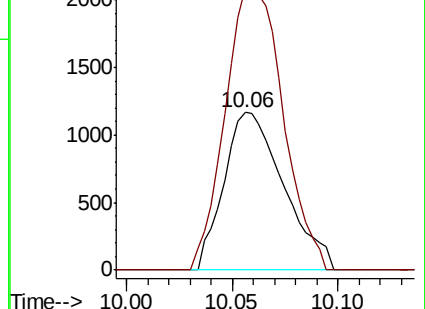
58 173.5 29.0 43.6#



Abundance Ion 43.00 (42.70 to 43.70): VN062502.D (-2527) (-)



Ion 58.00 (57.70 to 58.70): VN062502.D (-2451) (-)



#62

4-Bromofluorobenzene

Concen: 50.688 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

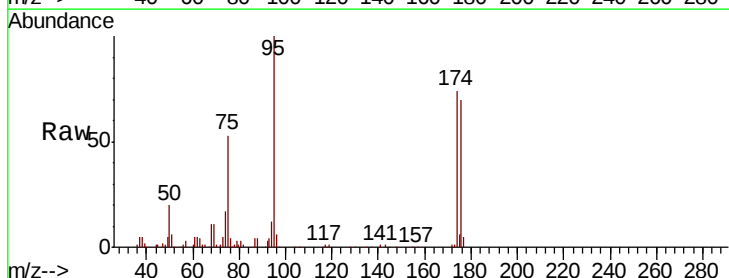
Tgt Ion: 95 Resp: 149584

Ion Ratio Lower Upper

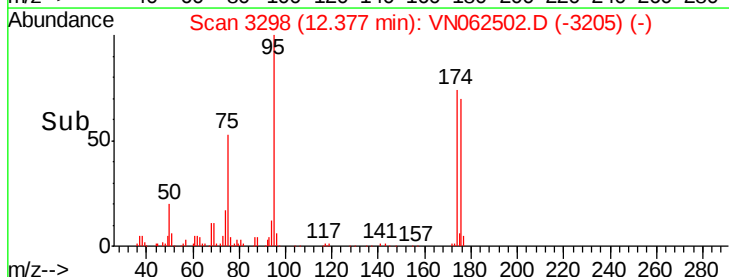
95 100

174 73.5 0.0 141.6

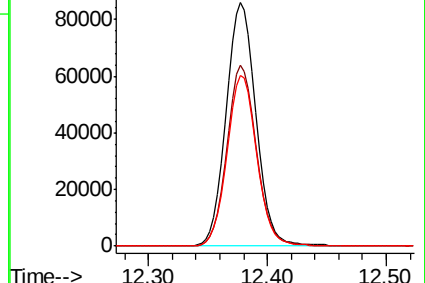
176 69.8 0.0 137.2

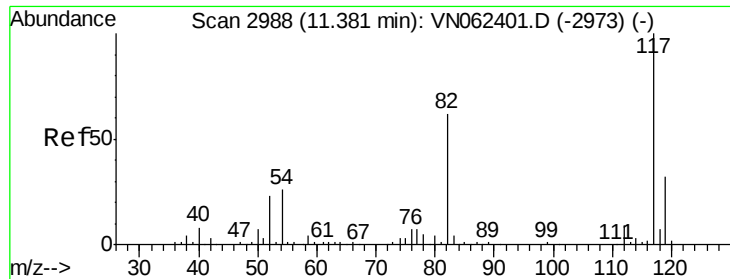


Abundance Ion 94.90 (94.60 to 95.60): VN062502.D (-3284) (-)



Ion 173.80 (173.50 to 174.50): VN062502.D (-3284) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062502.D

Acq: 10 Jul 2020 19:09

Instrument :

MSVOA_N

ClientSampled :

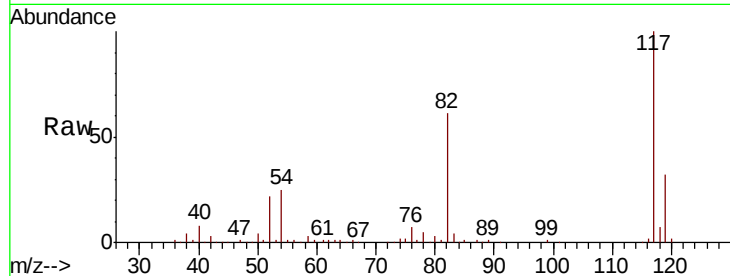
Tot Ion:117 Resp: 316905

Ion Ratio Lower Upper

117 100

82 60.7 49.6 74.4

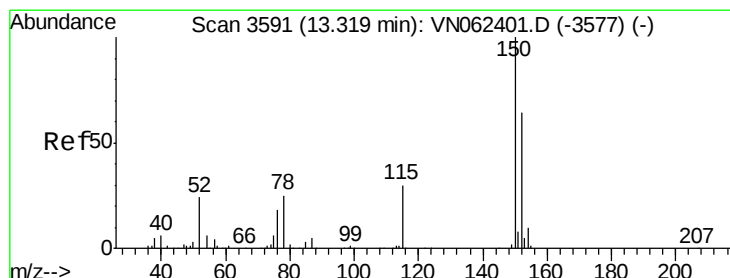
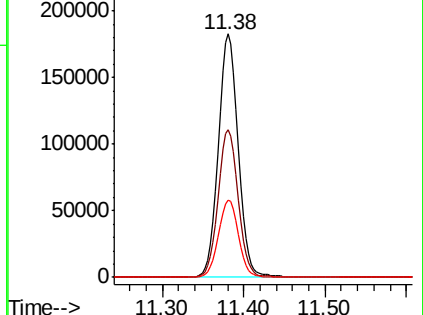
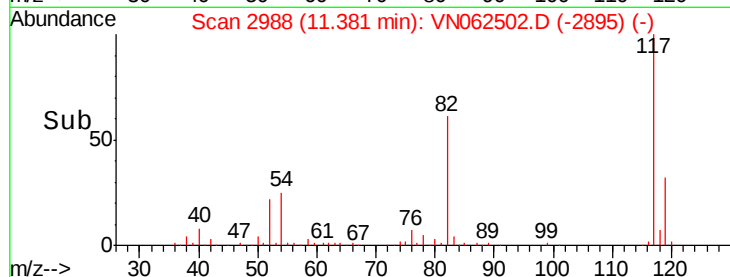
119 31.7 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): 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: VN062502.D

Acq: 10 Jul 2020 19:09

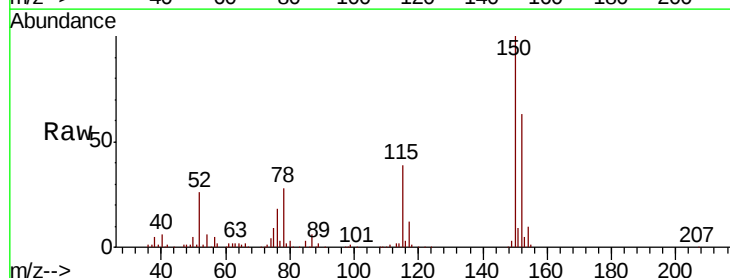
Tgt Ion:152 Resp: 115324

Ion Ratio Lower Upper

152 100

115 61.6 31.4 94.2

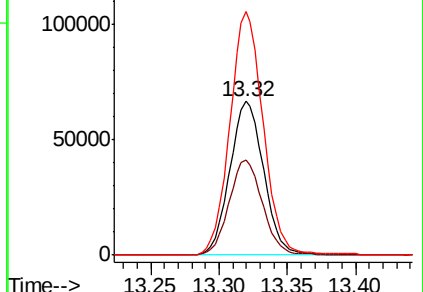
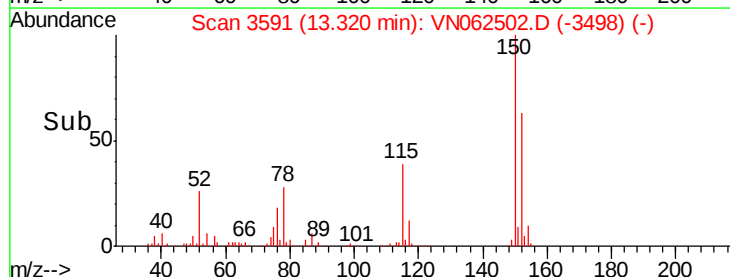
150 154.9 0.0 347.4

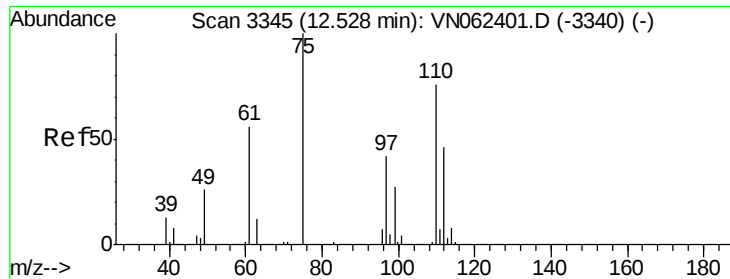


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

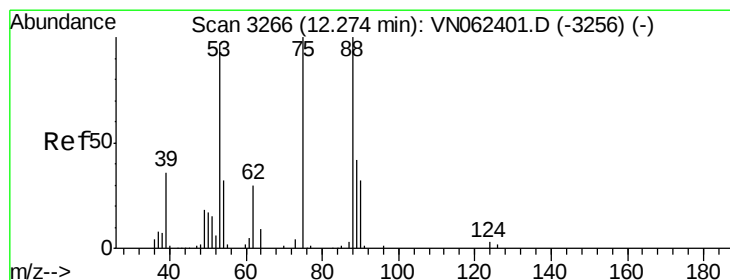
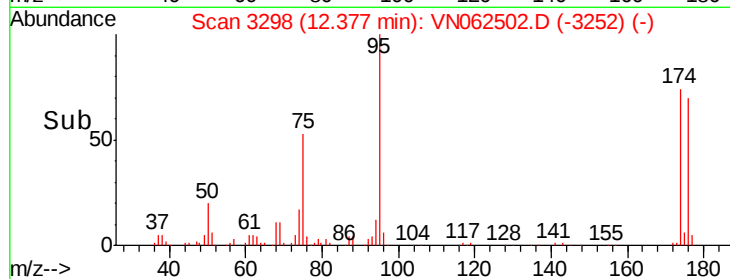
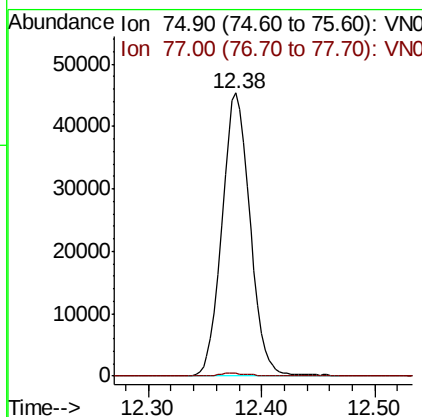
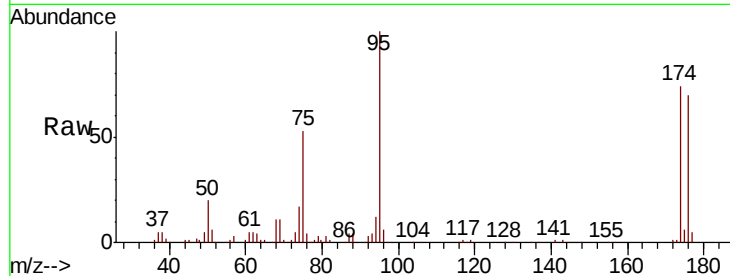




#76
 1,2,3-Trichloropropane
 Concen: 27.722 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062502.D
 Acq: 10 Jul 2020 19:09

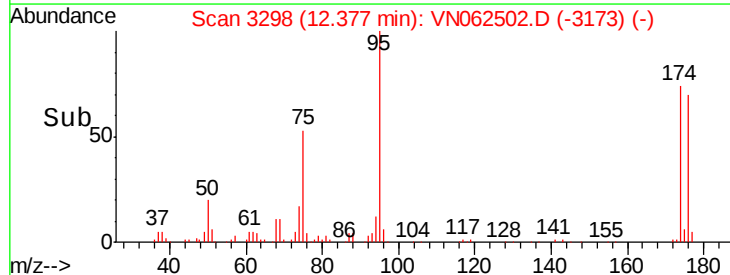
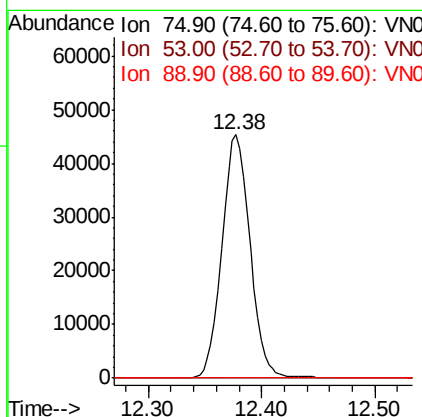
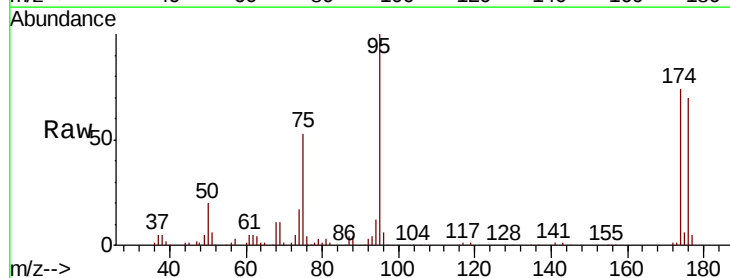
Instrument :
 MSVOA_N
 ClientSampled :

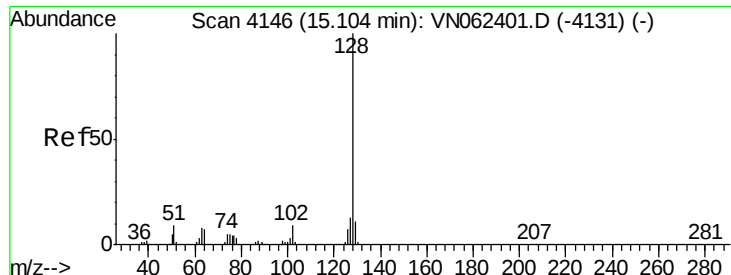
Tot Ion: 75 Resp: 78445
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.201 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062502.D
 Acq: 10 Jul 2020 19:09

Tgt Ion: 75 Resp: 78445
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.0 34.6 52.0#

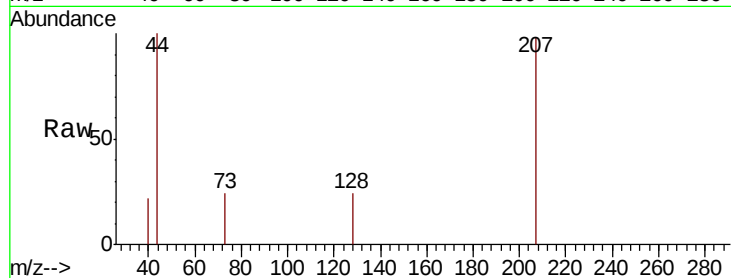




#95
Naphthalene
Concen: Below Cal
RT: 15.12 min Scan# 4152
Delta R.T. 0.02 min
Lab File: VN062502.D
Acq: 10 Jul 2020 19:09

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

