

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070920\
 Data File : VN062448.D
 Acq On : 9 Jul 2020 11:25
 Operator : JC/MD
 Sample : VN0709WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL01

Quant Time: Jul 09 12:37:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	203185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	368054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	342644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126438	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	158475	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	7.55	113	117014	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
50) Toluene-d8	10.06	98	470815	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.38	95	169811	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	

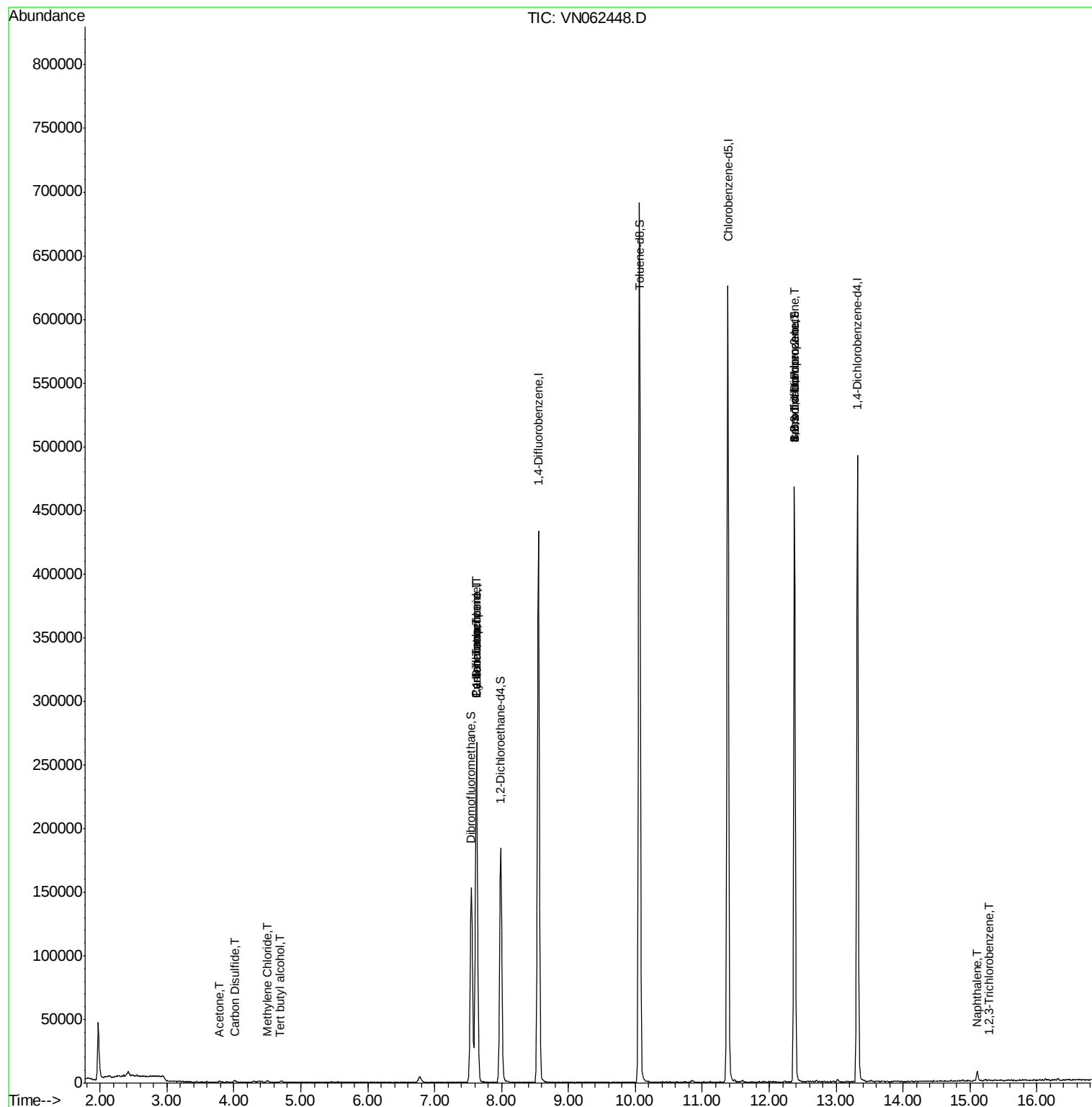
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.69	59	584	1.126	ug/l #	74
16) Acetone	3.78	43	303	0.228	ug/l #	45
17) Carbon Disulfide	4.01	76	2567	0.393	ug/l #	75
20) Methylene Chloride	4.50	84	717	0.253	ug/l #	56
31) Cyclohexane	7.63	56	4826	1.017	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	18690	5.040	ug/l #	51
38) Carbon Tetrachloride	7.63	117	21156	6.346	ug/l #	16
71) Bromoform	12.38	173	508	0.282	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	89899	28.978	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	89899	77.561	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.89	180	236	Below Cal	#	85
95) Naphthalene	15.11	128	7508	0.900	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	216	3.321	ug/l #	78

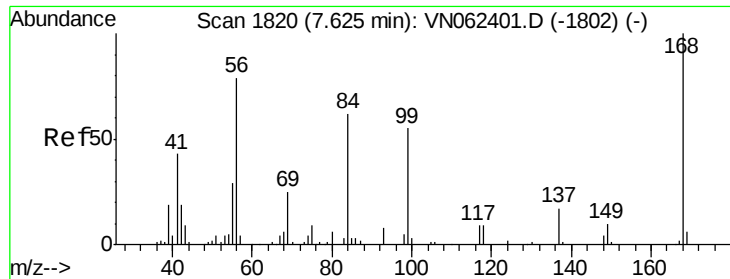
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
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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: VN062448.D

Acq: 9 Jul 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

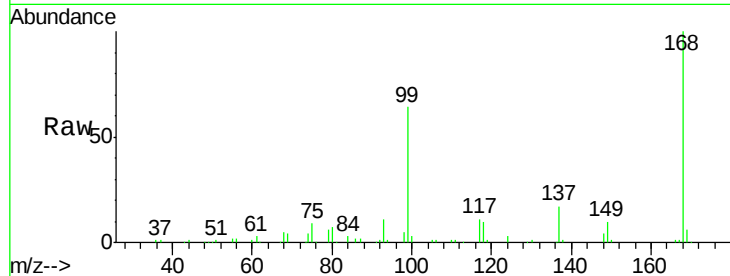
VN0709WBL01

Tgt Ion: 168 Resp: 203185

Ion Ratio Lower Upper

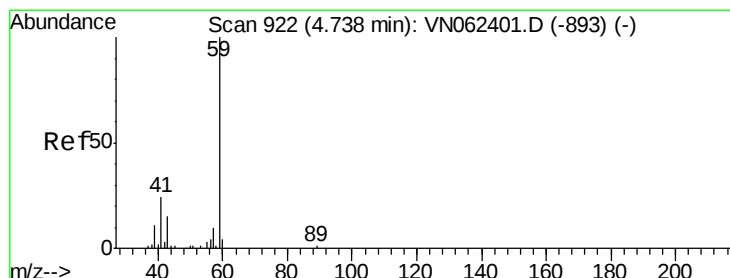
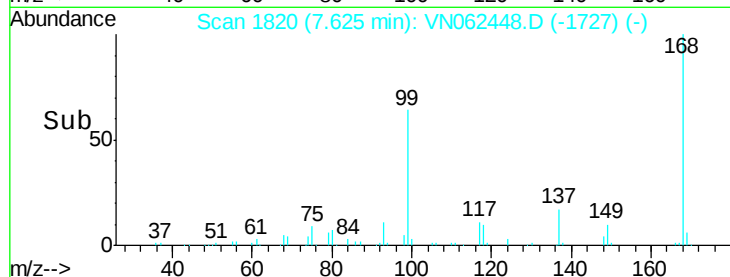
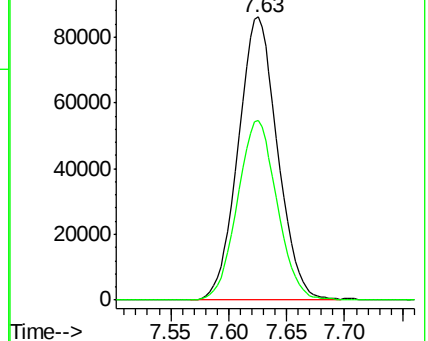
168 100

99 63.6 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 1.126 ug/l

RT: 4.69 min Scan# 906

Delta R.T. -0.05 min

Lab File: VN062448.D

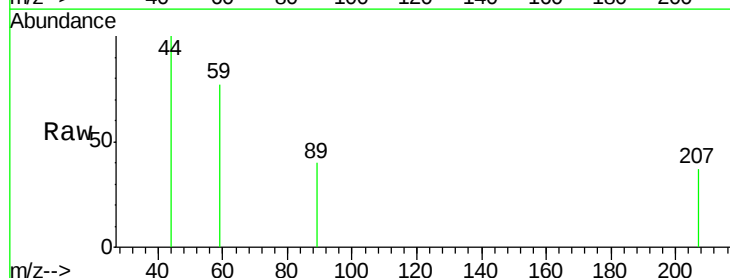
Acq: 9 Jul 2020 11:25

Tgt Ion: 59 Resp: 584

Ion Ratio Lower Upper

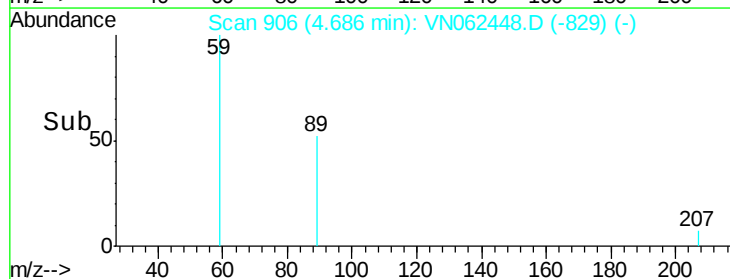
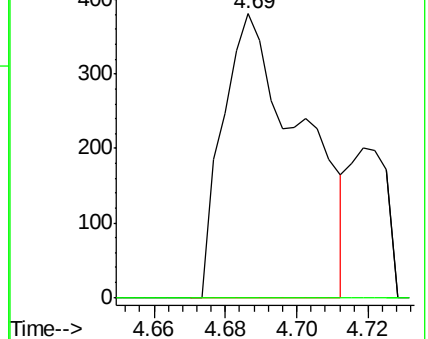
59 100

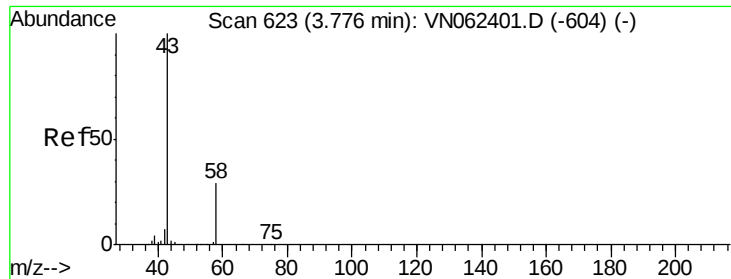
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

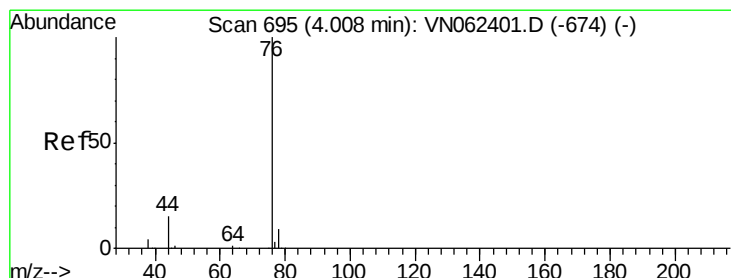
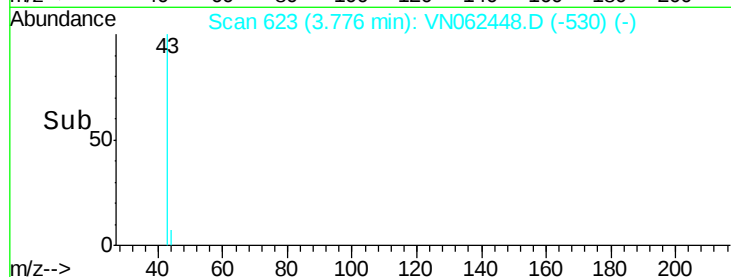
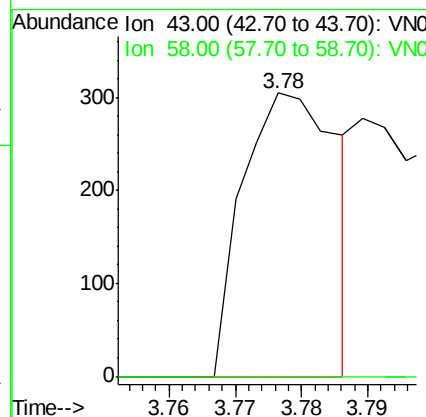
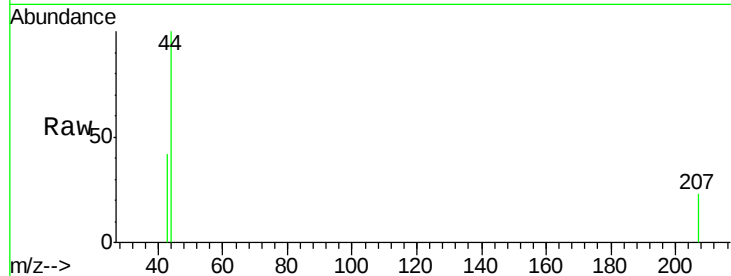




#16
Acetone
Concen: 0.228 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN062448.D
Acq: 9 Jul 2020 11:25

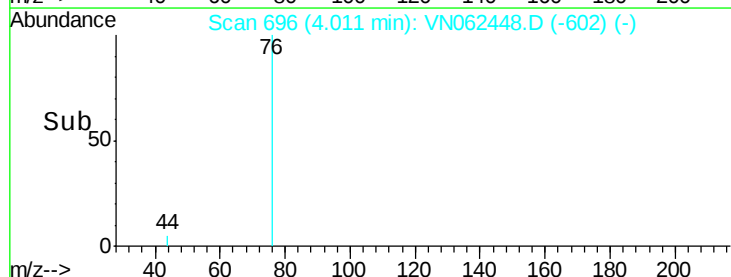
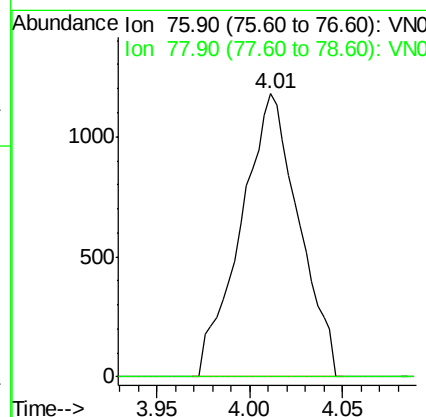
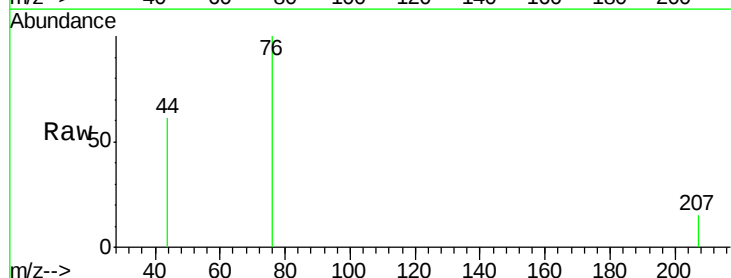
Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

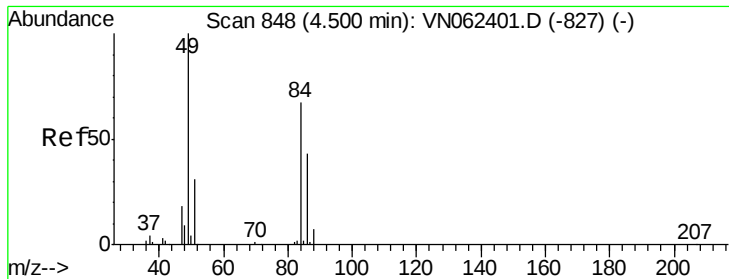
Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
58 0.0 23.5 35.3#



#17
Carbon Disulfide
Concen: 0.393 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062448.D
Acq: 9 Jul 2020 11:25

Tgt Ion: 76 Resp: 2567
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

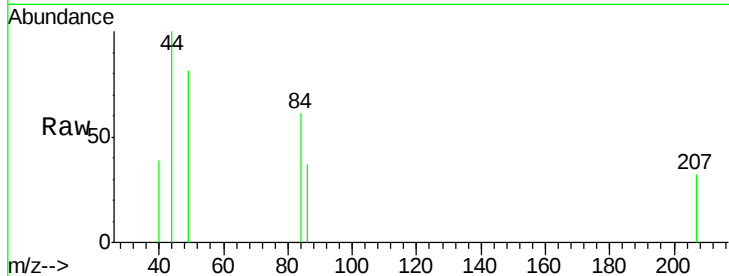




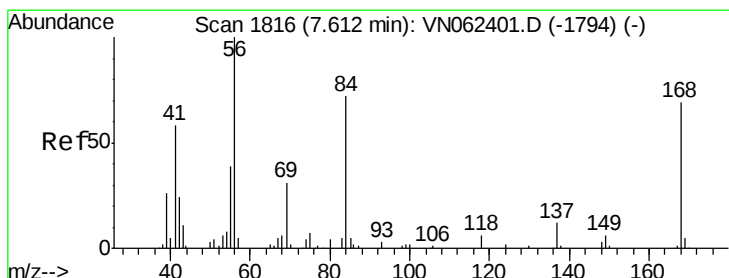
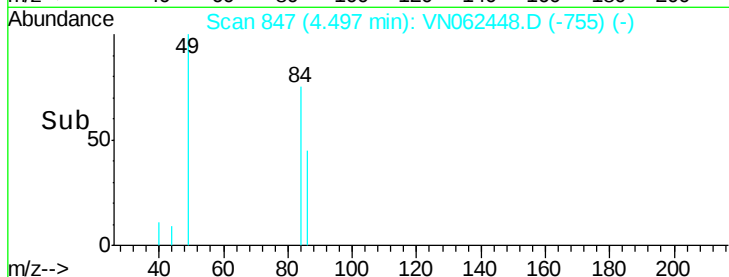
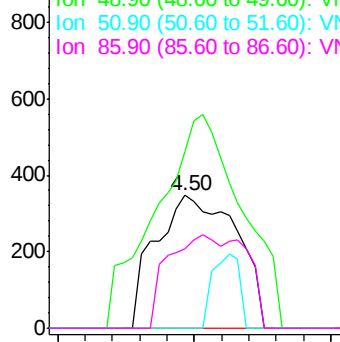
#20
Methylene Chloride
Concen: 0.253 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062448.D
Acq: 9 Jul 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

Tgt Ion:	84	Resp:	717
Ion	Ratio	Lower	Upper
84	100		
49	83.9	120.0	180.0#
51	0.0	37.0	55.6#
86	60.1	51.8	77.6

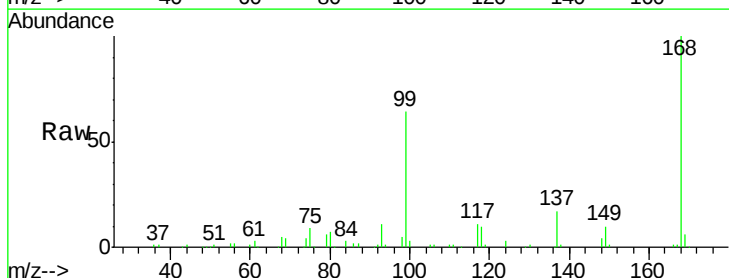


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

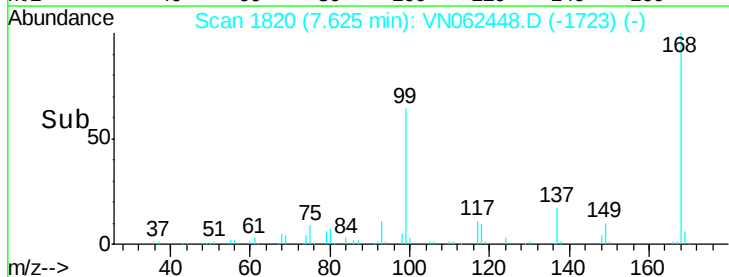
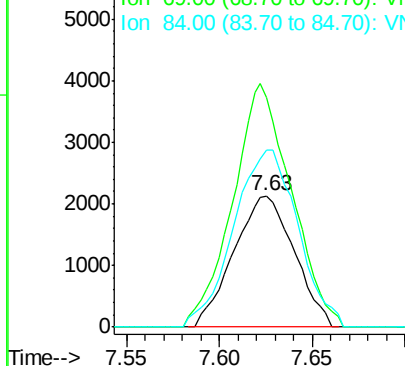


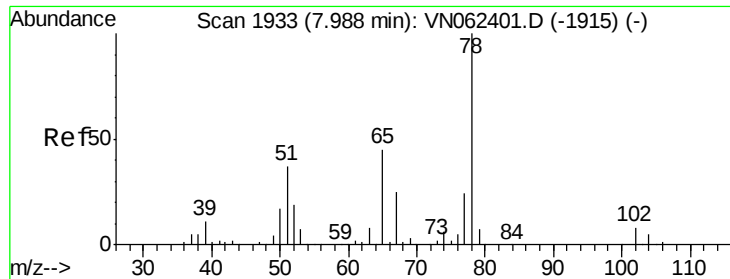
#31
Cyclohexane
Concen: 1.017 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VN062448.D
Acq: 9 Jul 2020 11:25

Tgt Ion:	56	Resp:	4826
Ion	Ratio	Lower	Upper
56	100		
69	166.9	24.5	36.7#
84	127.6	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

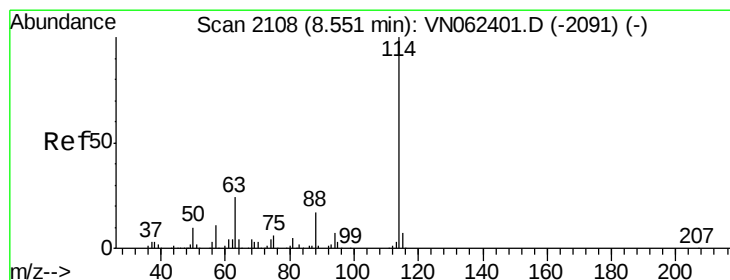
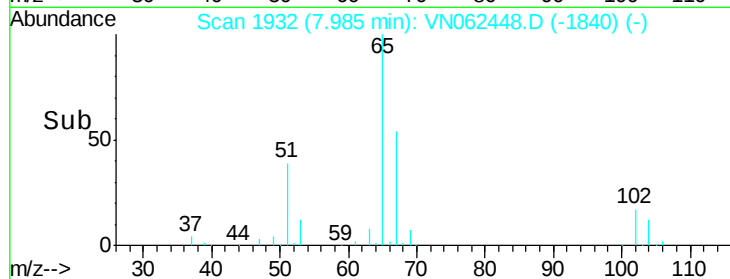
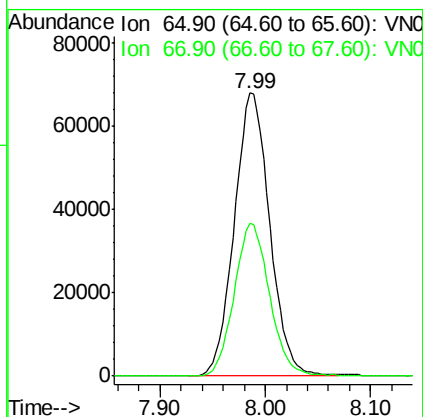
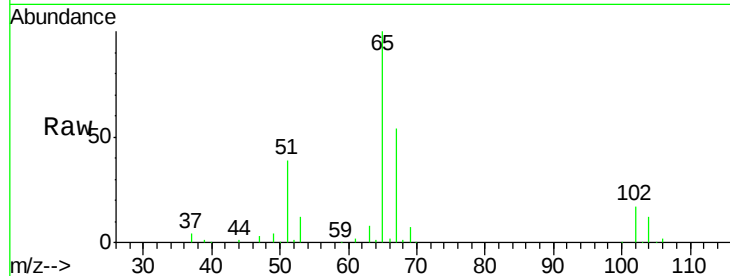




#33
 1,2-Dichloroethane-d4
 Concen: 50.708 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062448.D
 Acq: 9 Jul 2020 11:25

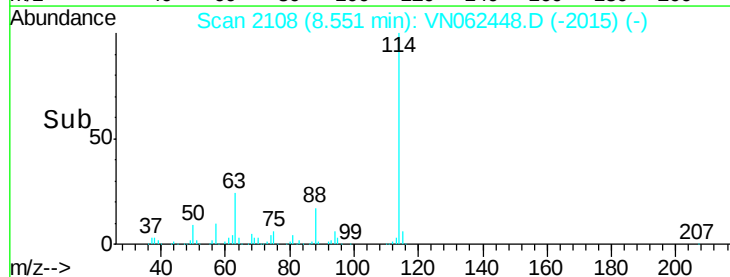
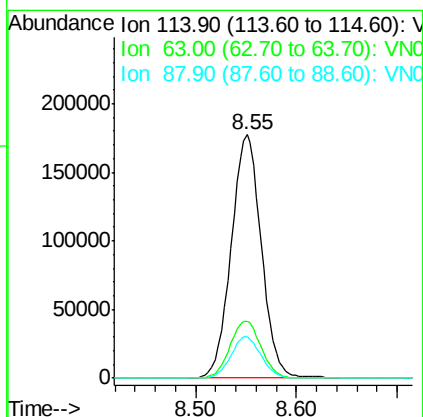
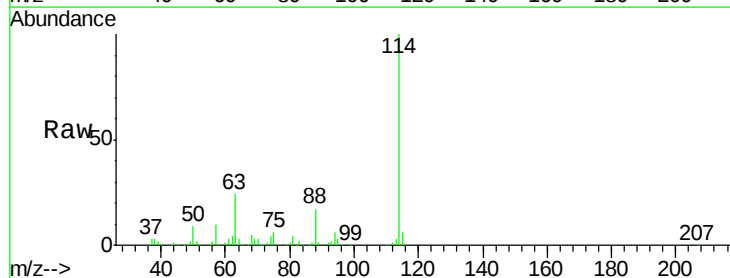
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL01

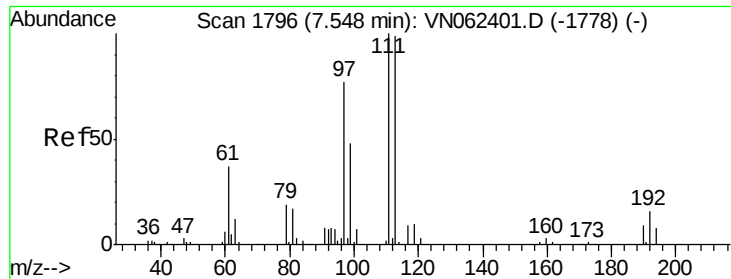
Tgt Ion: 65 Resp: 158475
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062448.D
 Acq: 9 Jul 2020 11:25

Tgt Ion: 114 Resp: 368054
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.4
 88 16.8 0.0 33.8

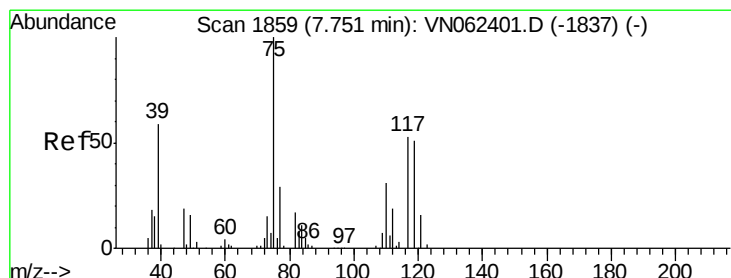
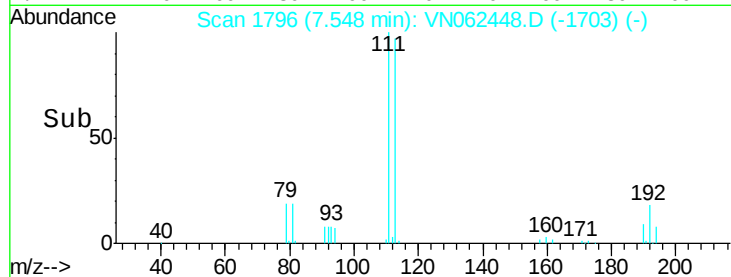
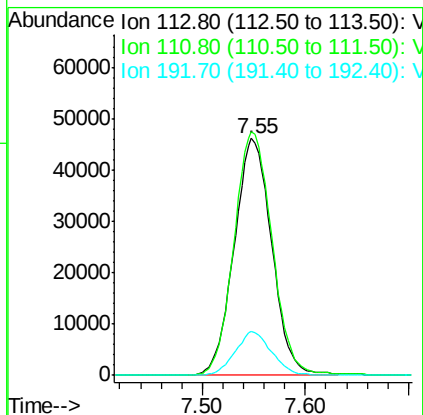
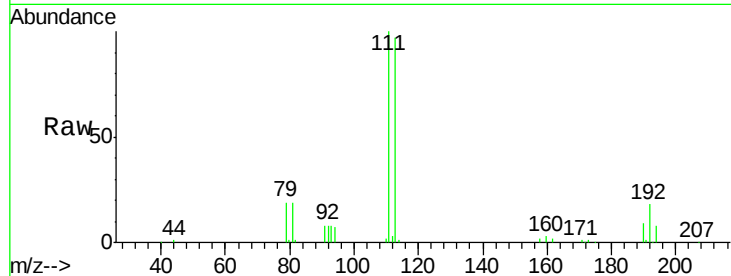




#35
 Dibromofluoromethane
 Concen: 51.433 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062448.D
 Acq: 9 Jul 2020 11:25

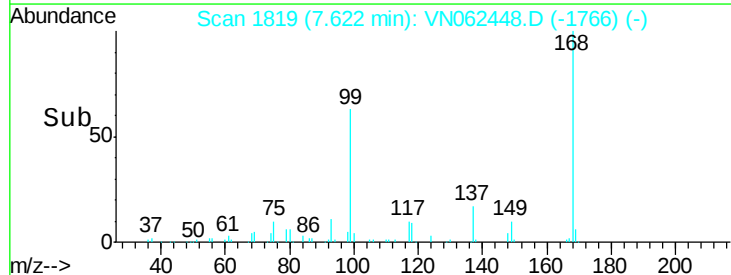
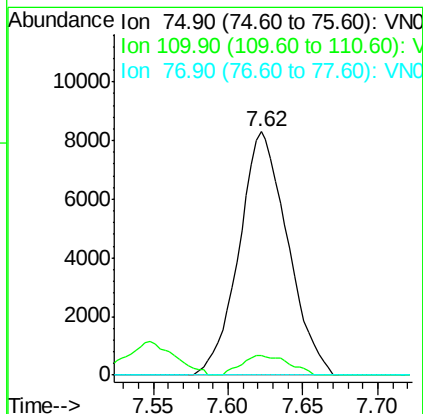
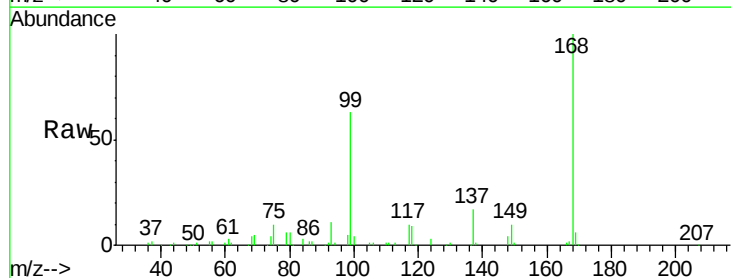
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL01

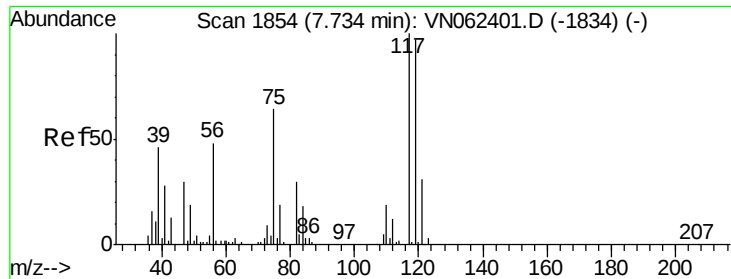
Tgt Ion:113 Resp: 117014
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.1 124.7
 192 17.9 14.1 21.1



#36
 1,1-Dichloropropene
 Concen: 5.040 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062448.D
 Acq: 9 Jul 2020 11:25

Tgt Ion: 75 Resp: 18690
 Ion Ratio Lower Upper
 75 100
 110 7.9 15.4 46.2#
 77 0.0 24.1 36.1#

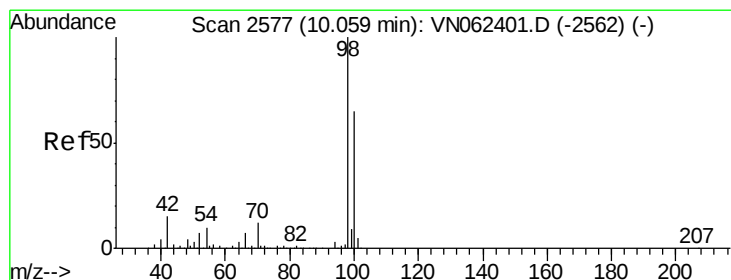
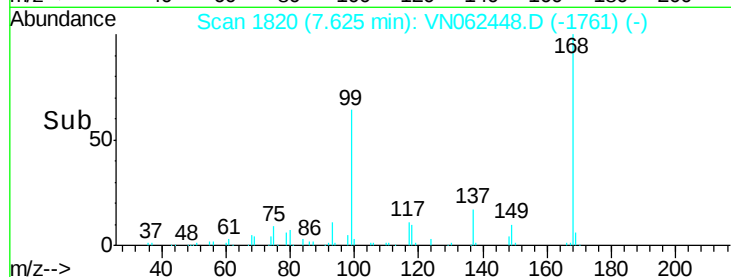
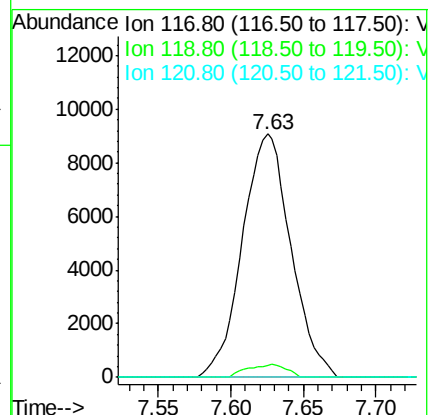
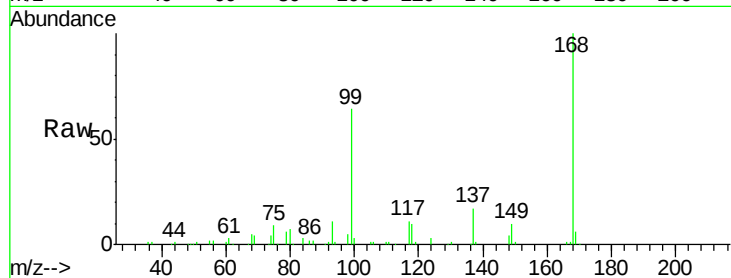




#38
Carbon Tetrachloride
Concen: 6.346 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. -0.11 min
Lab File: VN062448.D
Acq: 9 Jul 2020 11:25

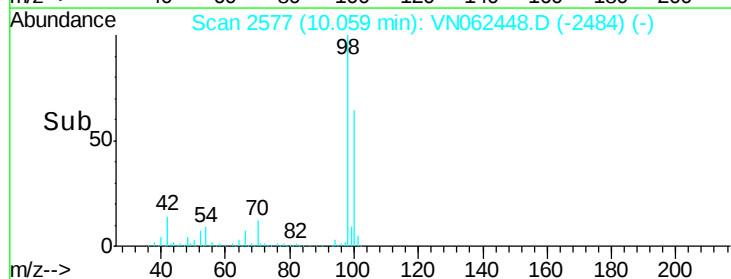
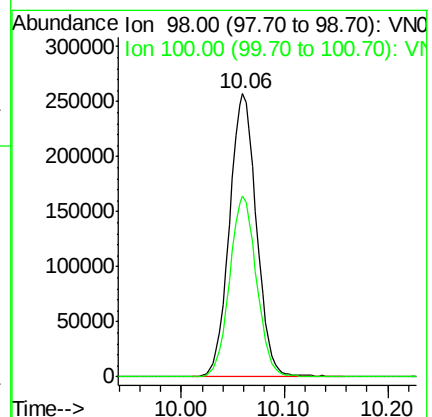
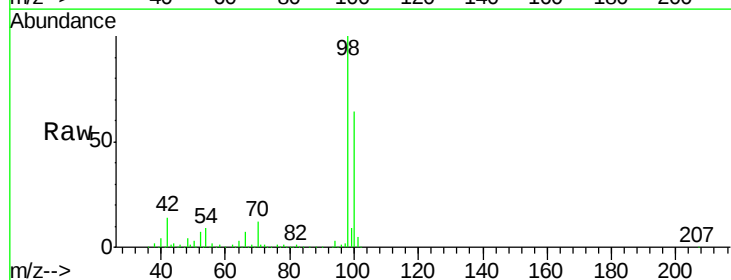
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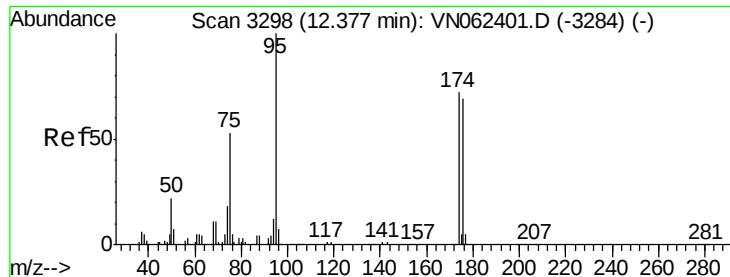
Tgt Ion:117 Resp: 21156
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.422 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062448.D
Acq: 9 Jul 2020 11:25

Tgt Ion: 98 Resp: 470815
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 51.739 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062448.D

Acq: 9 Jul 2020 11:25

Instrument :

MSVOA_N

ClientSampled :

VN0709WBL01

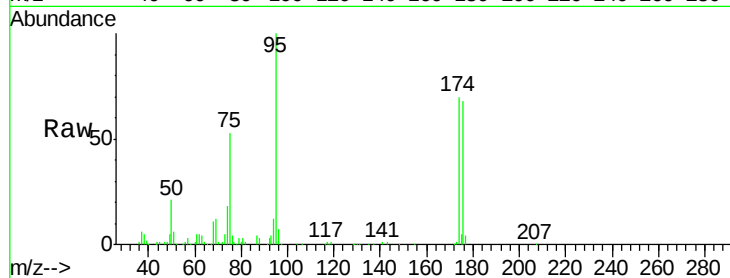
Tgt Ion: 95 Resp: 169811

Ion Ratio Lower Upper

95 100

174 70.5 0.0 141.6

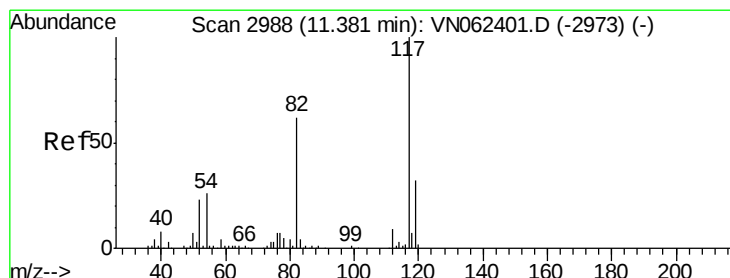
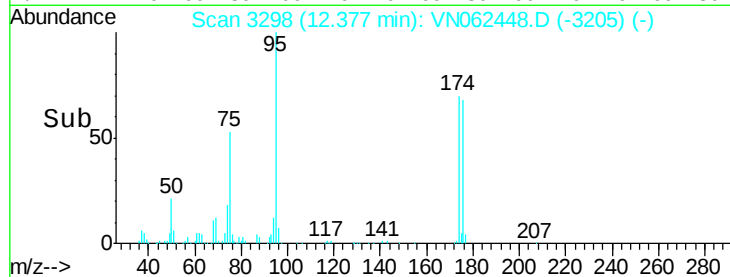
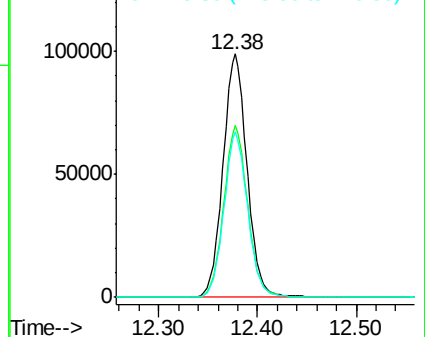
176 66.8 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062448.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062448.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062448.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062448.D

Acq: 9 Jul 2020 11:25

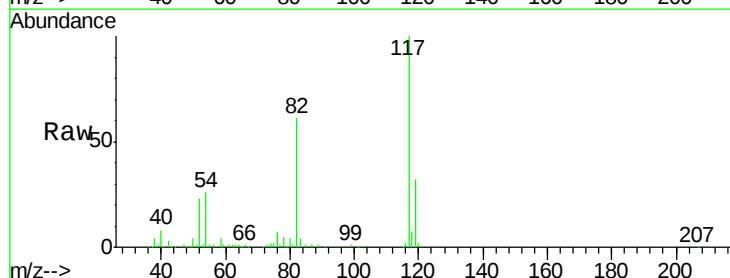
Tgt Ion: 117 Resp: 342644

Ion Ratio Lower Upper

117 100

82 61.3 49.6 74.4

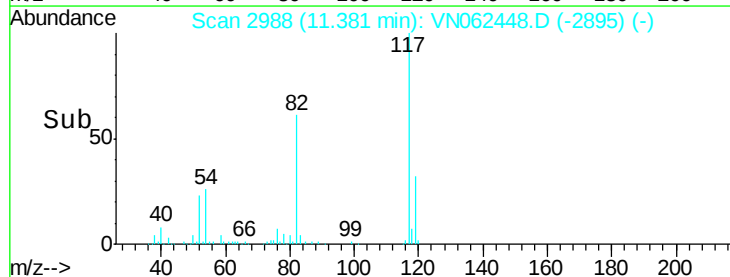
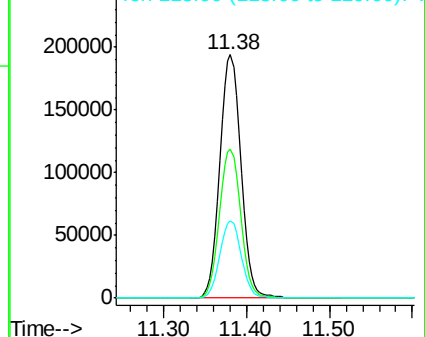
119 31.9 25.4 38.0

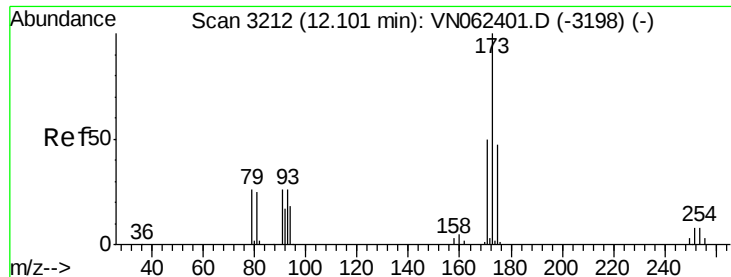


Abundance Ion 116.90 (116.60 to 117.60): VN062448.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062448.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062448.D (-2895) (-)

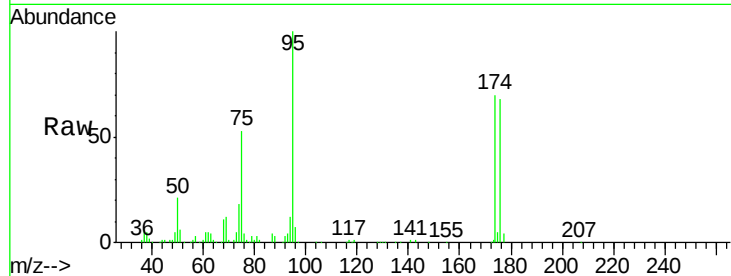




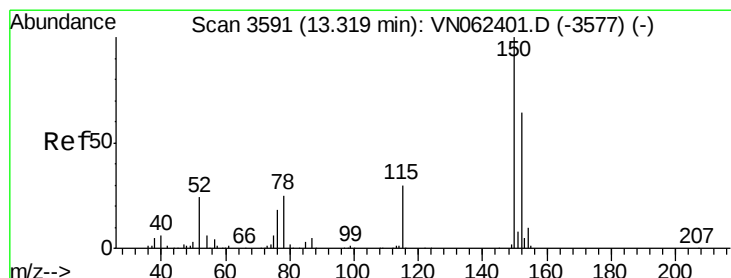
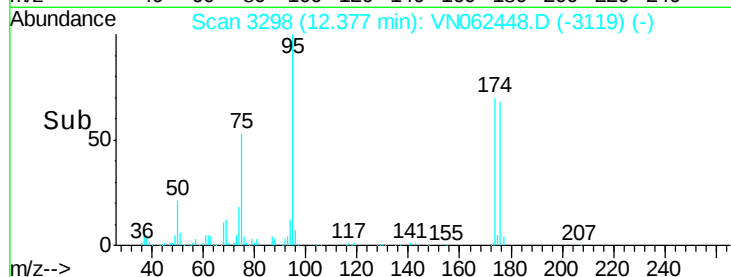
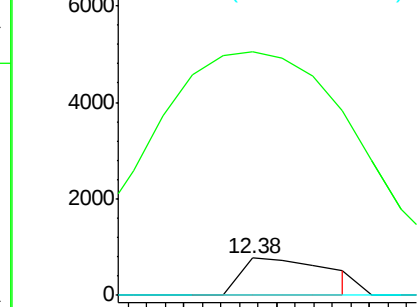
#71
Bromoform
Concen: 0.282 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN062448.D
Acq: 9 Jul 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

Tgt Ion:173 Resp: 508
Ion Ratio Lower Upper
173 100
175 1446.1 23.7 71.1#
254 0.0 0.0 0.0

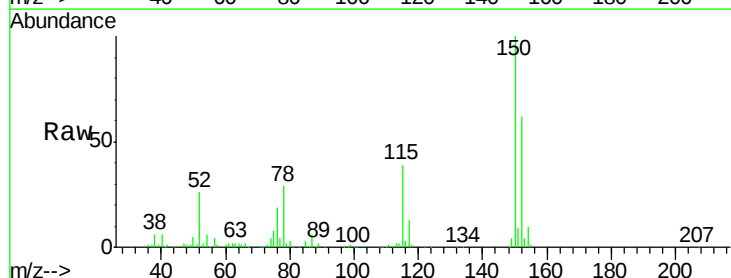


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

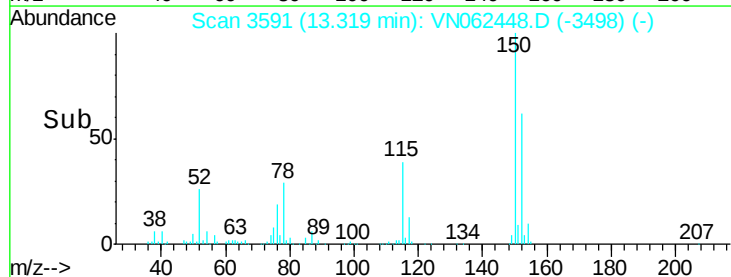
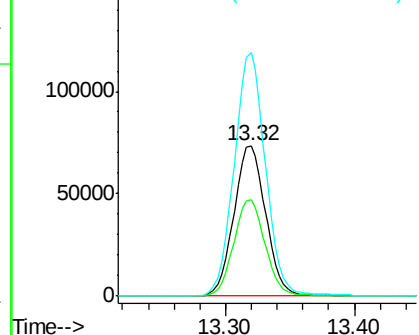


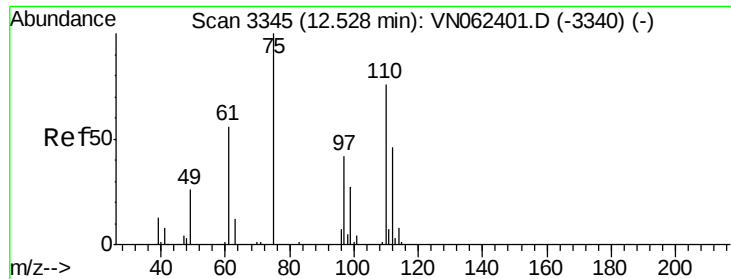
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062448.D
Acq: 9 Jul 2020 11:25

Tgt Ion:152 Resp: 126438
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 158.6 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

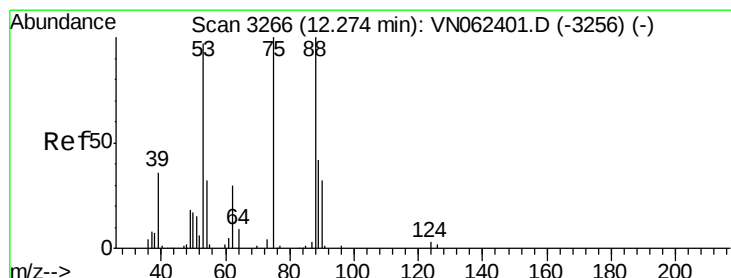
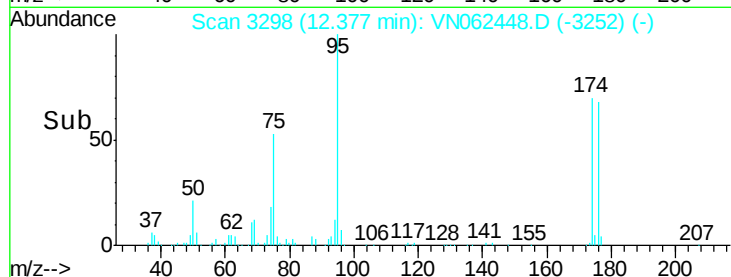
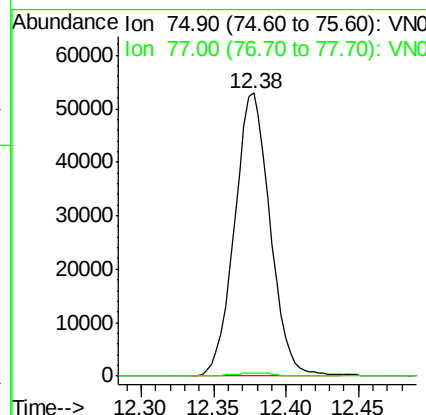
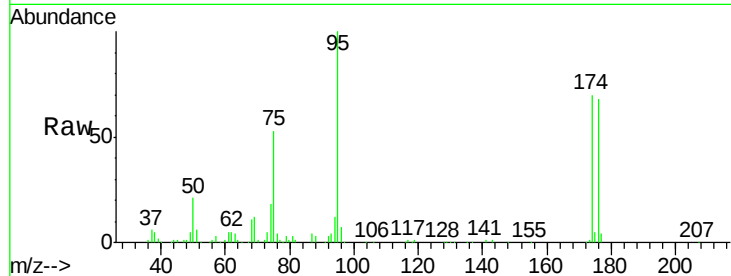




#76
 1,2,3-Trichloropropane
 Concen: 28.978 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062448.D
 Acq: 9 Jul 2020 11:25

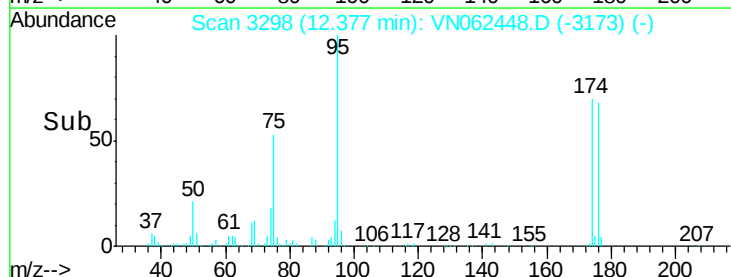
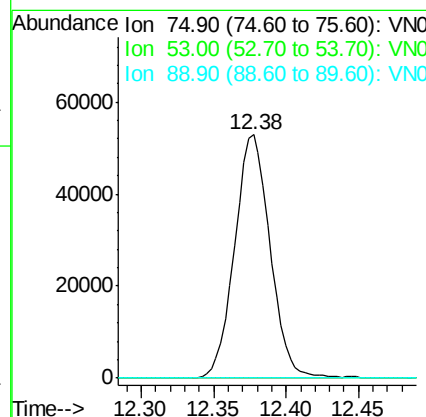
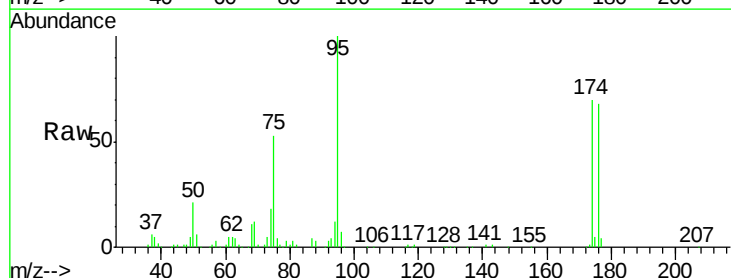
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL01

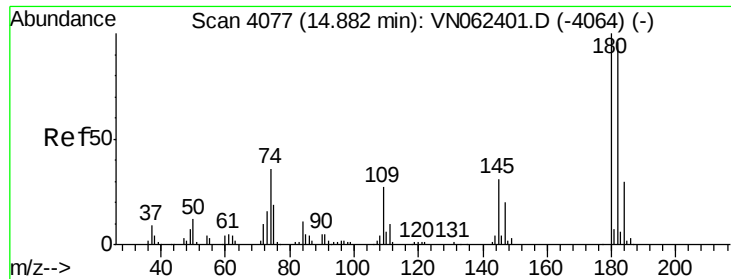
Tgt Ion: 75 Resp: 89899
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.561 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062448.D
 Acq: 9 Jul 2020 11:25

Tgt Ion: 75 Resp: 89899
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.0 34.6 52.0#

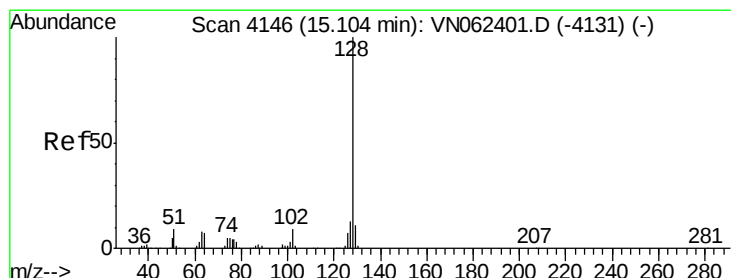
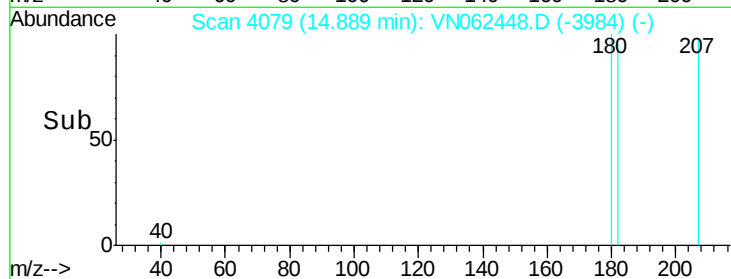
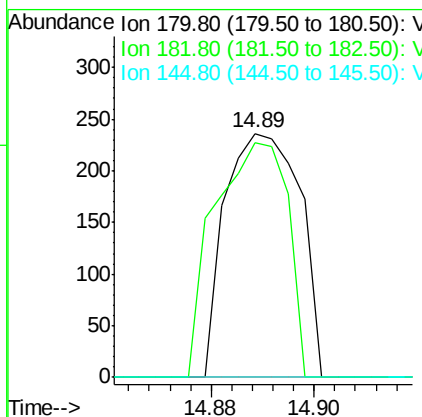
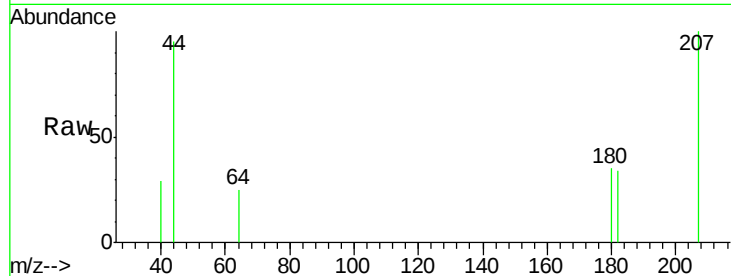




#93
 1,2,4-Trichlorobenzene
 Concen: Below Cal
 RT: 14.89 min Scan# 4079
 Delta R.T. 0.01 min
 Lab File: VN062448.D
 Acq: 9 Jul 2020 11:25

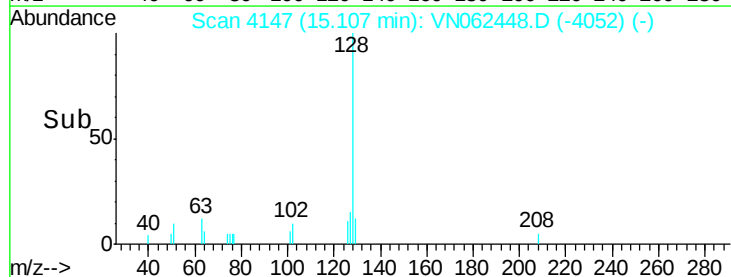
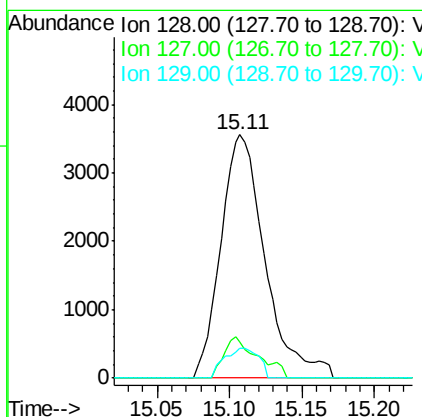
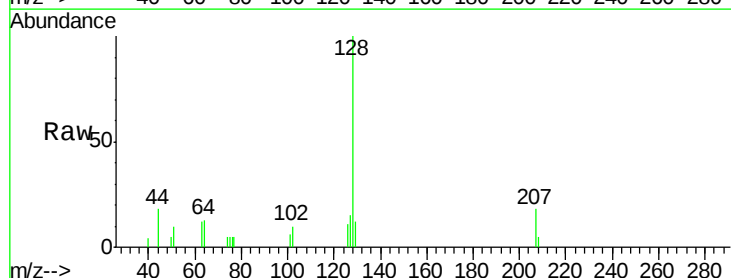
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL01

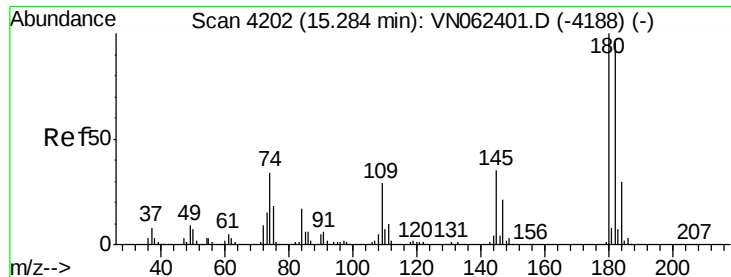
Tgt Ion:180 Resp: 236
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.4 145.2
 145 0.0 15.5 46.5#



#95
 Naphthalene
 Concen: 0.900 ug/l
 RT: 15.11 min Scan# 4147
 Delta R.T. 0.00 min
 Lab File: VN062448.D
 Acq: 9 Jul 2020 11:25

Tgt Ion:128 Resp: 7508
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 9.5 8.6 12.8

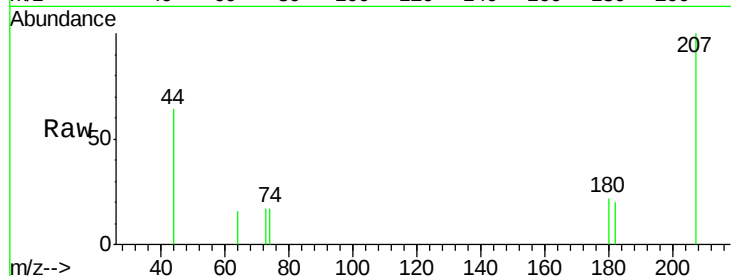




#96
 1,2,3-Trichlorobenzene
 Concen: 3.321 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. 0.01 min
 Lab File: VN062448.D
 Acq: 9 Jul 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0709WBL01

Tgt Ion:180 Resp: 216
 Ion Ratio Lower Upper
 180 100
 182 104.6 47.8 143.4
 145 0.0 17.0 50.9#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

