

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
 Data File : VN062283.D
 Acq On : 1 Jul 2020 11:21
 Operator : JC/MD
 Sample : VN0701MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBL01

Quant Time: Jul 01 15:48:13 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	7.62	168	182258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	363318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	337649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111771	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	148129	57.92	ug/l	0.00
Spiked Amount			Recovery	=	115.84%	
35) Dibromofluoromethane	7.54	113	120676	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
50) Toluene-d8	10.06	98	468686	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.37	95	138722	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	

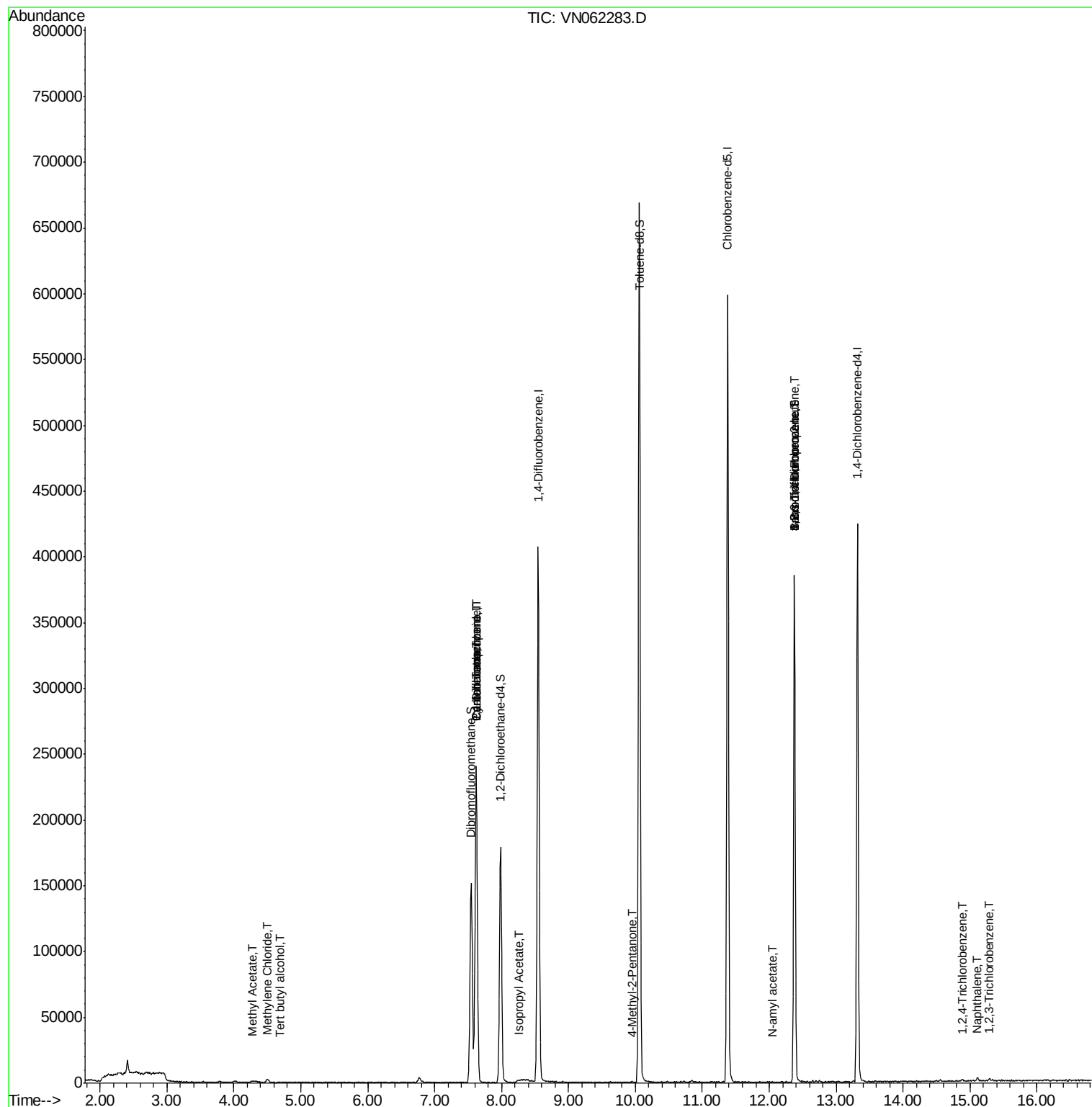
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	438	Below Cal	#	38
11) Tert butyl alcohol	4.69	59	145	0.395	ug/l #	72
16) Acetone	3.78	43	617	Below Cal	#	40
18) Methyl Acetate	4.27	43	847	0.417	ug/l #	86
20) Methylene Chloride	4.49	84	1356	0.362	ug/l	93
31) Cyclohexane	7.62	56	4661	1.319	ug/l #	10
36) 1,1-Dichloropropene	7.62	75	16195	4.435	ug/l #	48
38) Carbon Tetrachloride	7.62	117	19913	5.784	ug/l #	15
43) Isopropyl Acetate	8.26	43	1255	0.255	ug/l #	58
51) 4-Methyl-2-Pentanone	9.95	43	767	0.266	ug/l #	33
71) Bromoform	12.37	173	825	0.453	ug/l #	1
74) N-amyl acetate	12.04	43	177	3.395	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	74567	28.340	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	74567	82.763	ug/l #	13
93) 1,2,4-Trichlorobenzene	14.89	180	434	0.272	ug/l	77
95) Naphthalene	15.11	128	3612	4.619	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.29	180	1028	0.629	ug/l	92

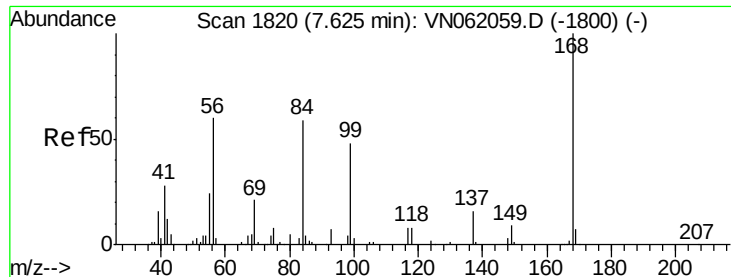
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN070120\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062283.D

Acq: 1 Jul 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

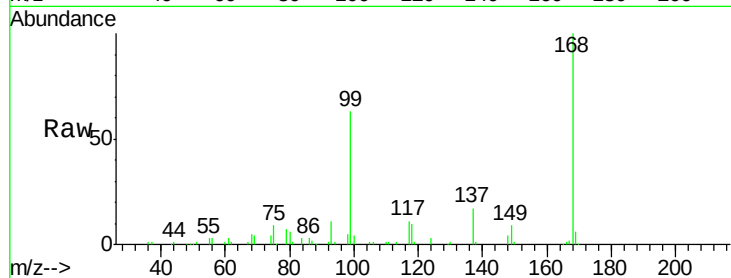
VN0701MBL01

Tgt Ion: 168 Resp: 182258

Ion Ratio Lower Upper

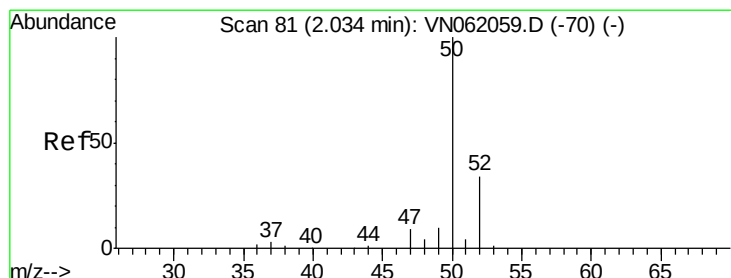
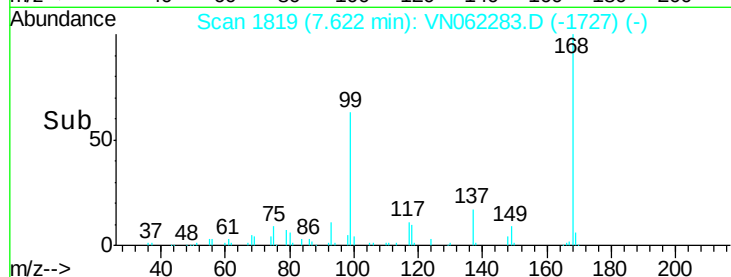
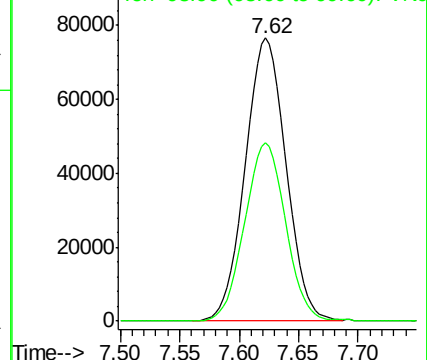
168 100

99 63.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062283.D

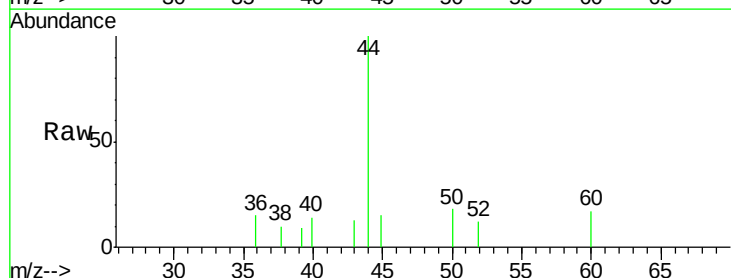
Acq: 1 Jul 2020 11:21

Tgt Ion: 50 Resp: 438

Ion Ratio Lower Upper

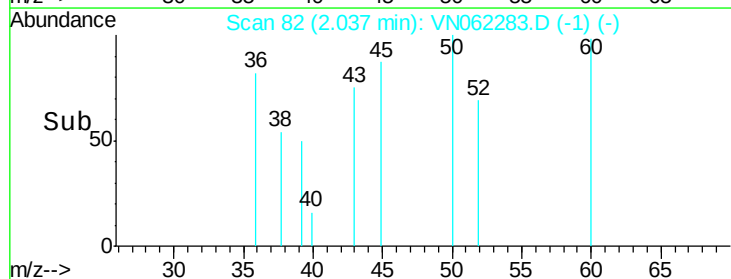
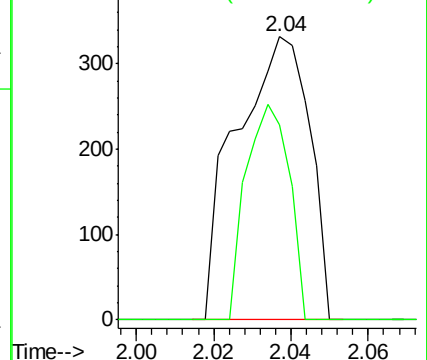
50 100

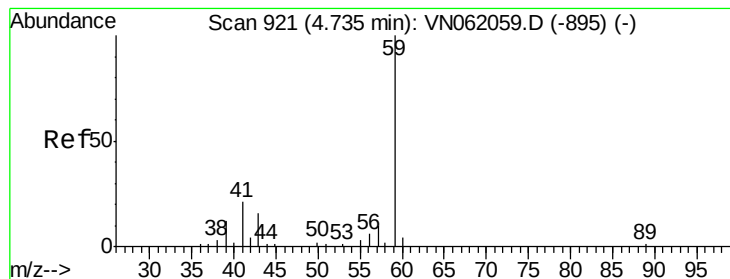
52 69.0 27.0 40.6#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



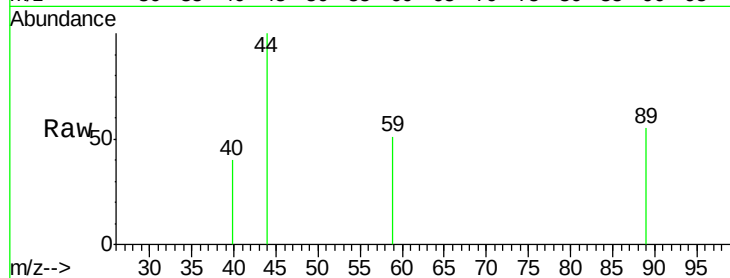


#11

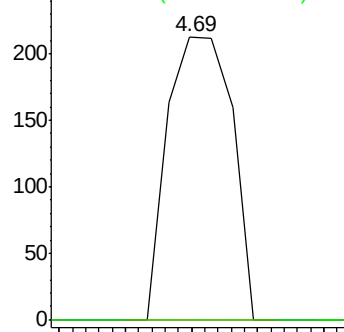
Tert butyl alcohol
 Concen: 0.395 ug/l
 RT: 4.69 min Scan# 907
 Delta R.T. -0.05 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBL01

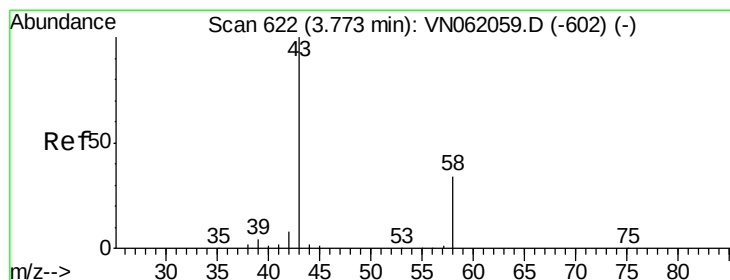
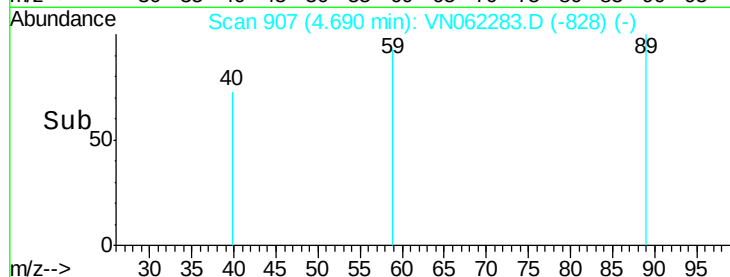
Tgt Ion: 59 Resp: 145
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



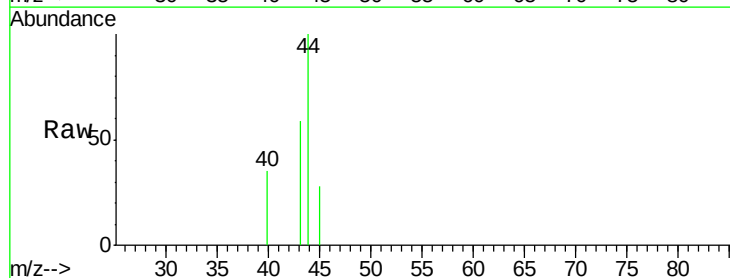
Time--> 4.67 4.68 4.69 4.70 4.71



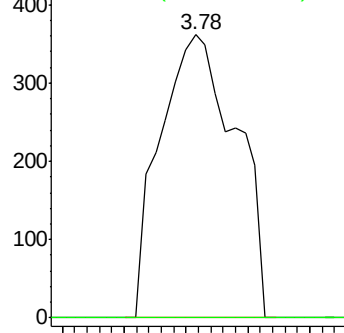
#16

Acetone
 Concen: Below Cal
 RT: 3.78 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

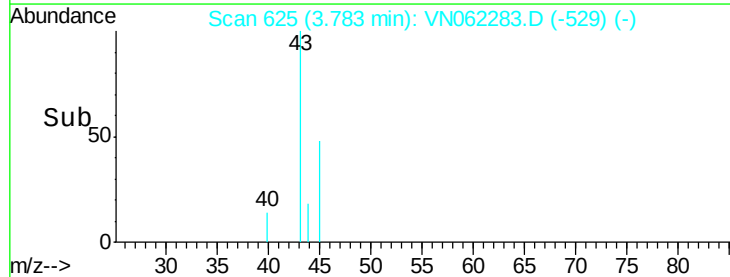
Tgt Ion: 43 Resp: 617
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.5 41.3#

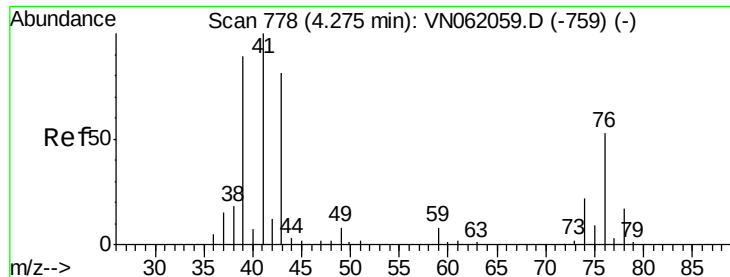


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0



Time--> 3.74 3.76 3.78 3.80 3.82

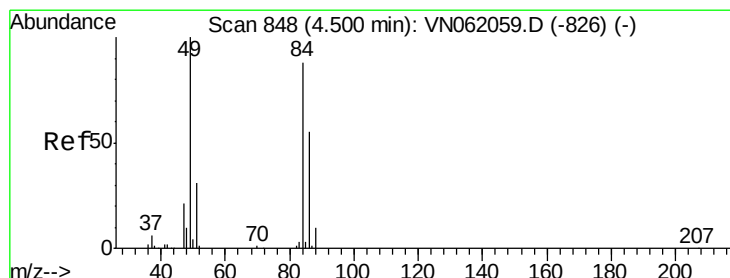
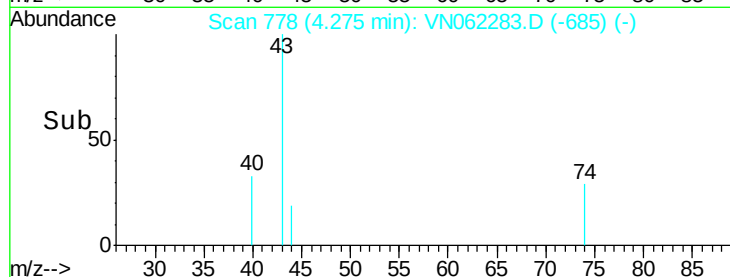
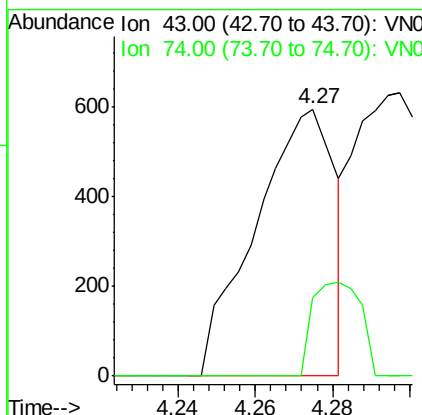
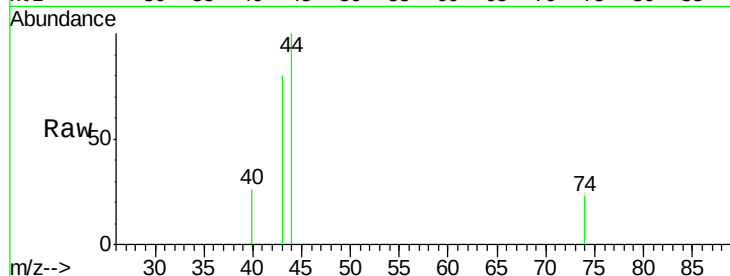




#18
Methyl Acetate
Concen: 0.417 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062283.D
Acq: 1 Jul 2020 11:21

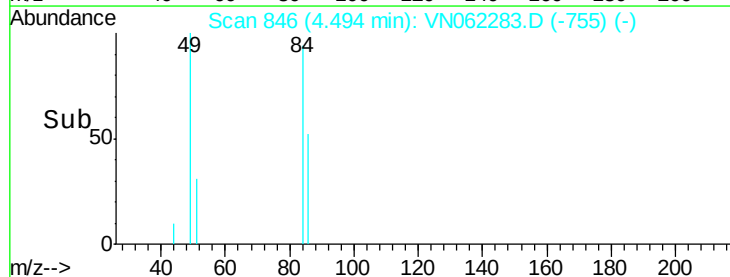
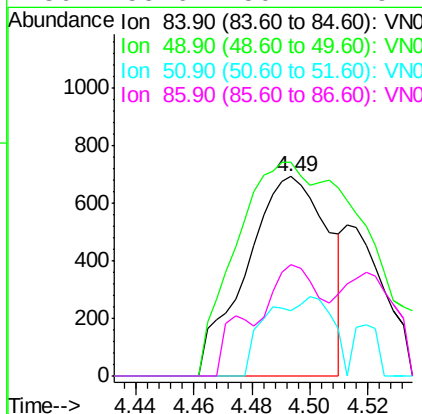
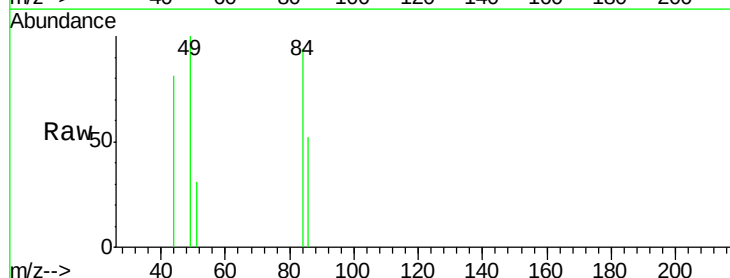
Instrument :
MSVOA_N
ClientSampleId :
VN0701MBL01

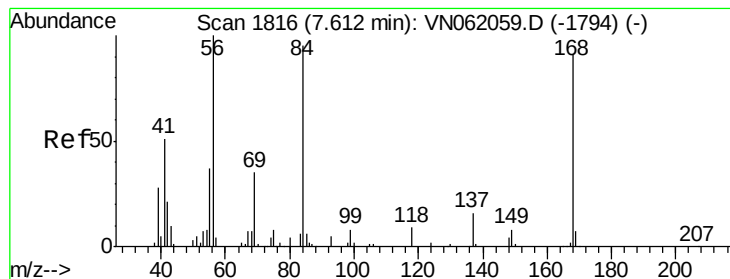
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
74 21.4 22.9 34.3#



#20
Methylene Chloride
Concen: 0.362 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN062283.D
Acq: 1 Jul 2020 11:21

Tgt Ion: 84 Resp: 1356
Ion Ratio Lower Upper
84 100
49 106.8 90.6 136.0
51 32.9 27.8 41.8
86 55.6 50.1 75.1





#31

Cyclohexane

Concen: 1.319 ug/l

RT: 7.62 min Scan# 1816

Delta R.T. 0.01 min

Lab File: VN062283.D

Acq: 1 Jul 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBL01

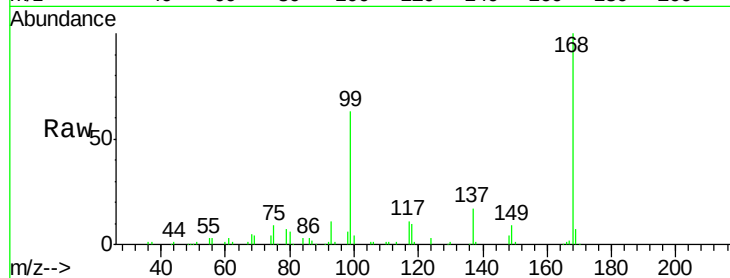
Tgt Ion: 56 Resp: 4661

Ion Ratio Lower Upper

56 100

69 169.2 28.0 42.0#

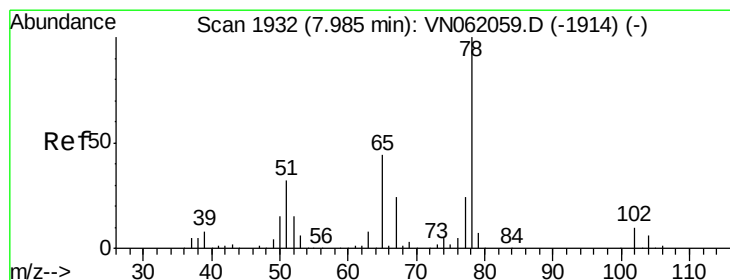
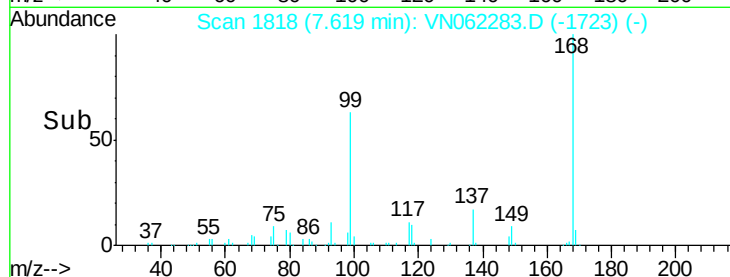
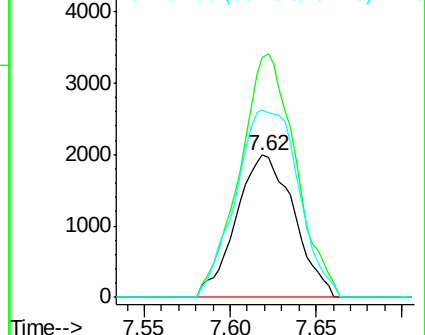
84 131.7 76.1 114.1#



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062059.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062059.D (-1794) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.915 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062283.D

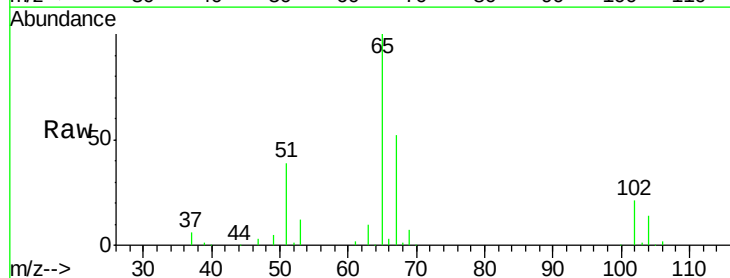
Acq: 1 Jul 2020 11:21

Tgt Ion: 65 Resp: 148129

Ion Ratio Lower Upper

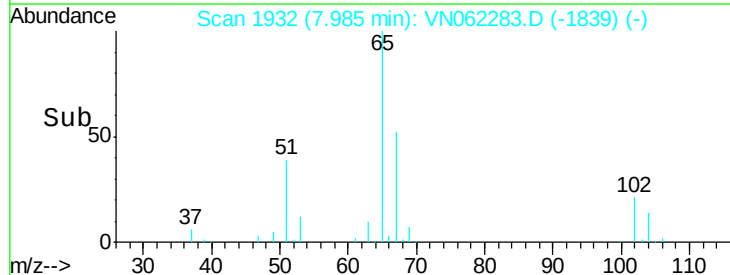
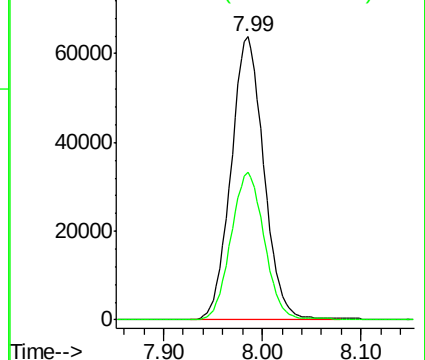
65 100

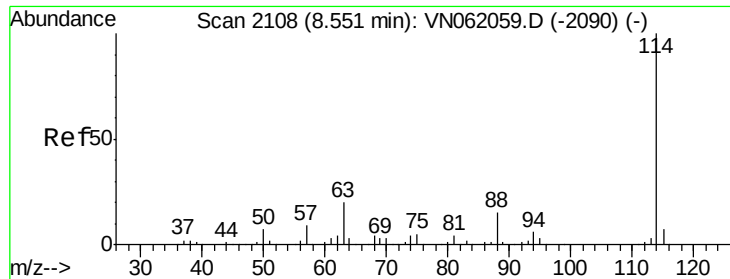
67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

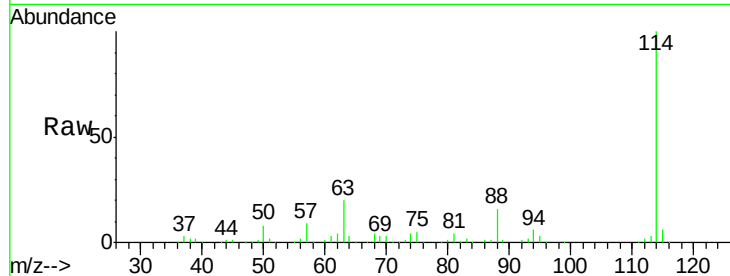




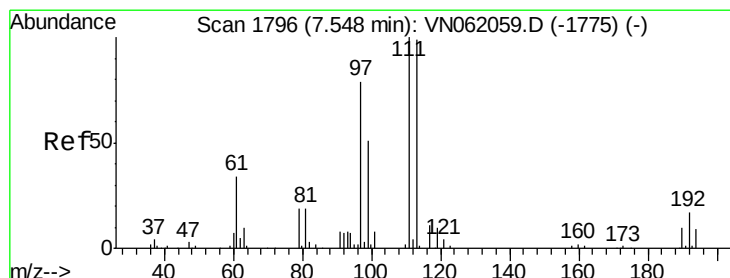
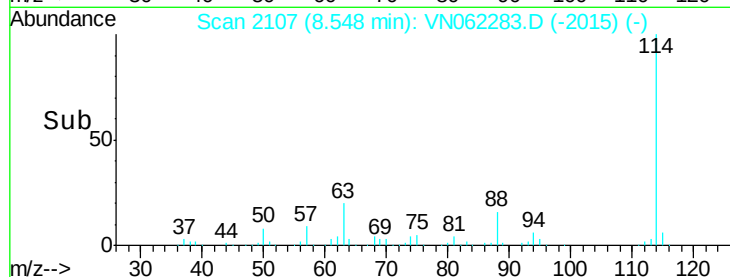
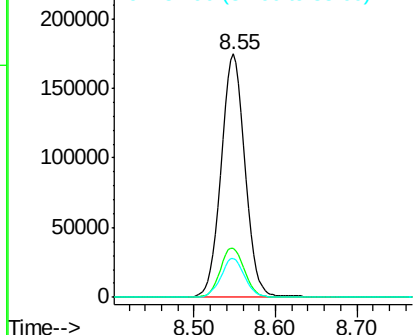
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2107
Delta R.T. -0.00 min
Lab File: VN062283.D
Acq: 1 Jul 2020 11:21

Instrument :
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VN0701MBL01

Tgt Ion:114 Resp: 363318
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.2
88 15.9 0.0 30.8

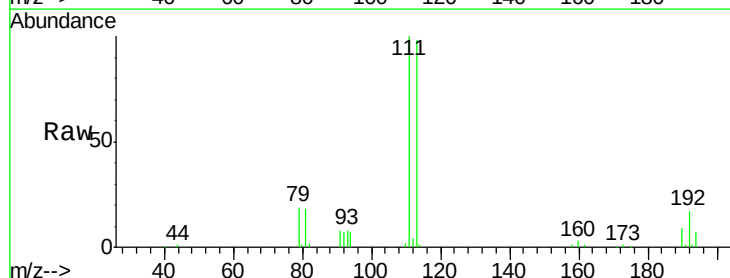


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

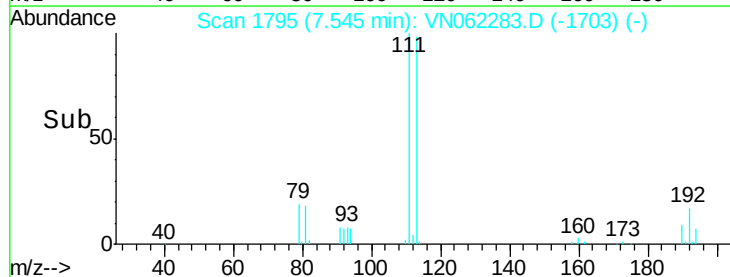
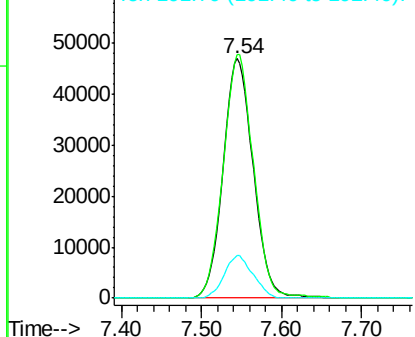


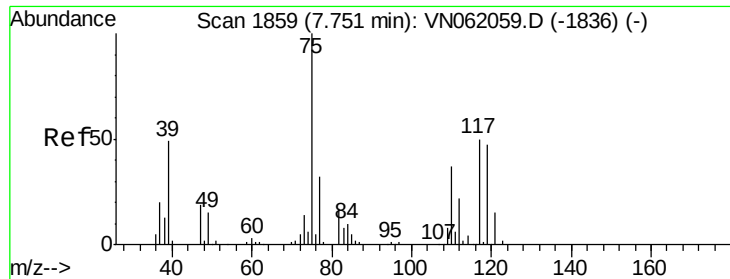
#35
Dibromofluoromethane
Concen: 51.773 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN062283.D
Acq: 1 Jul 2020 11:21

Tgt Ion:113 Resp: 120676
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 17.1 14.0 21.0



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

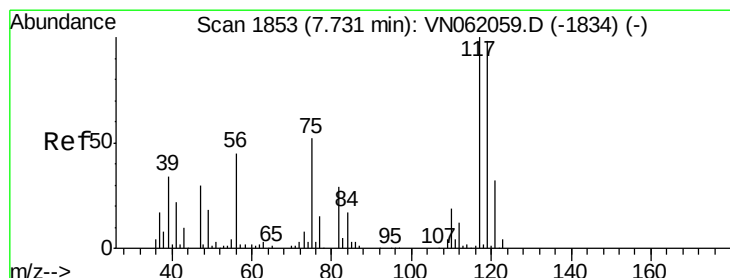
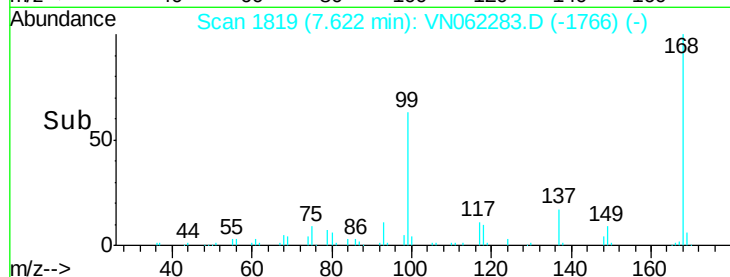
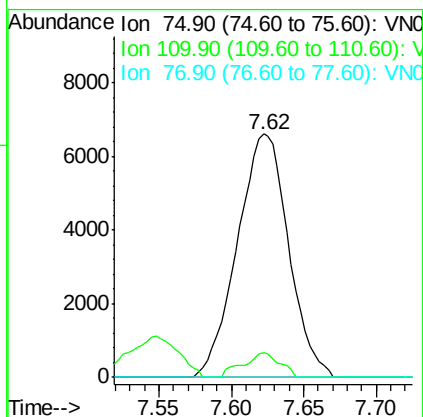
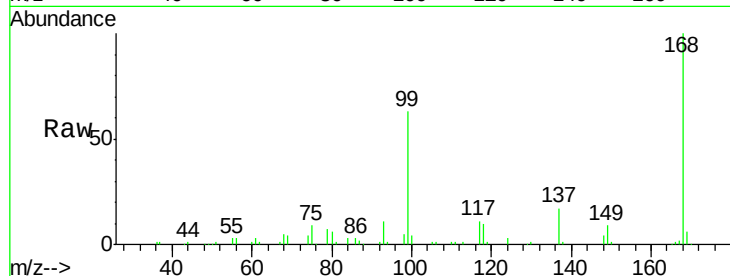




#36
 1,1-Dichloropropene
 Concen: 4.435 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

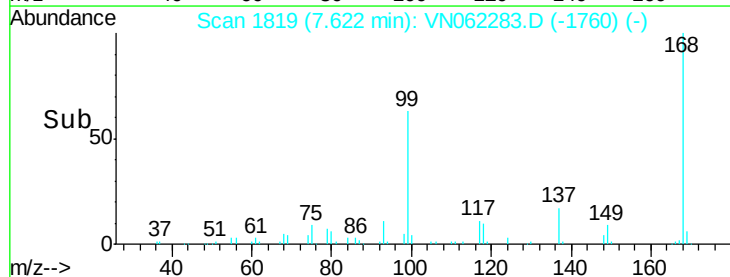
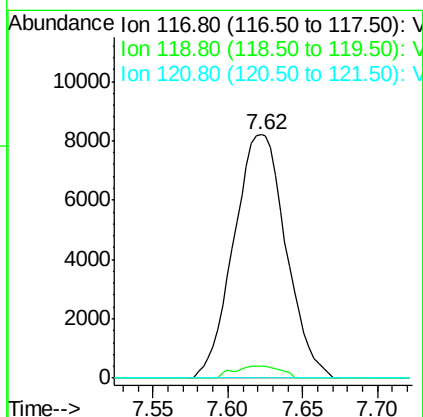
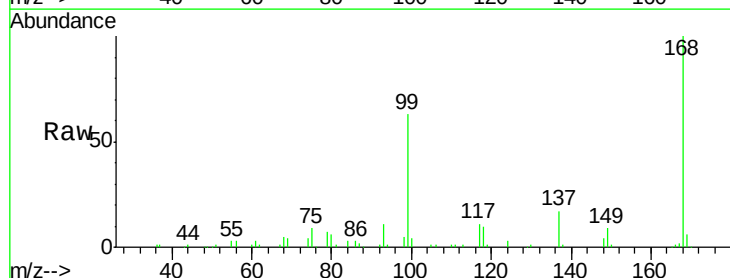
Instrument :
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 VN0701MBL01

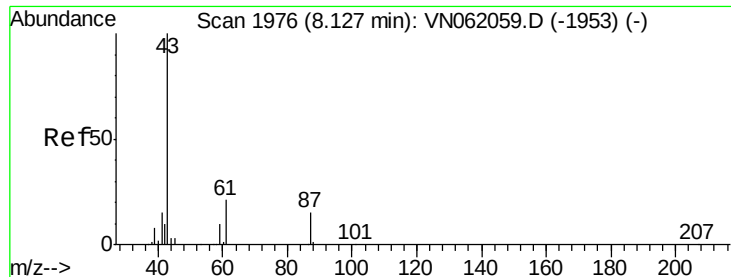
Tgt Ion: 75 Resp: 16195
 Ion Ratio Lower Upper
 75 100
 110 7.3 17.9 53.8#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.784 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.11 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

Tgt Ion: 117 Resp: 19913
 Ion Ratio Lower Upper
 117 100
 119 5.2 78.2 117.2#
 121 0.0 25.8 38.6#





#43

Isopropyl Acetate

Concen: 0.255 ug/l

RT: 8.26 min Scan# 2016

Delta R.T. 0.13 min

Lab File: VN062283.D

Acq: 1 Jul 2020 11:21

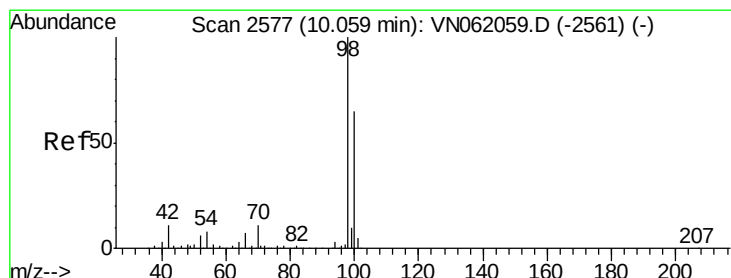
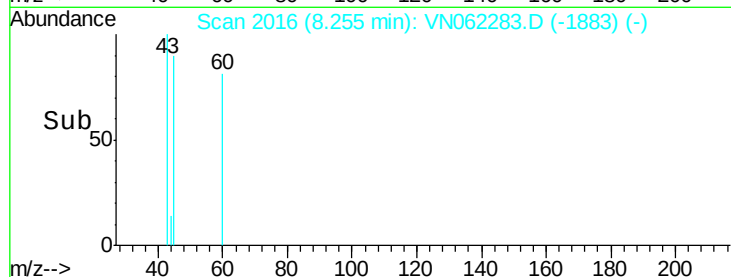
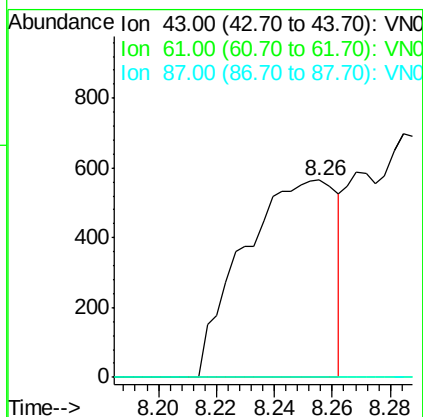
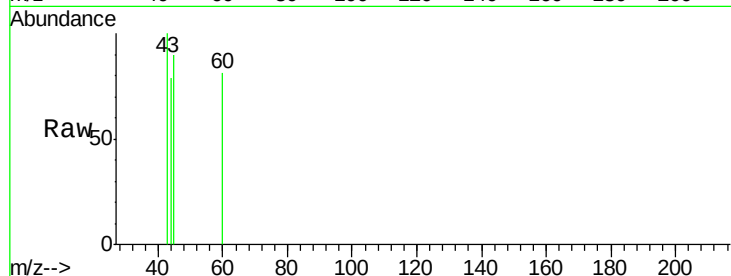
Instrument :

MSVOA_N

ClientSampleId :

VN0701MBL01

Tgt Ion:	43	Resp:	1255
Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.2	25.8#
87	0.0	12.1	18.1#



#50

Toluene-d8

Concen: 50.303 ug/l

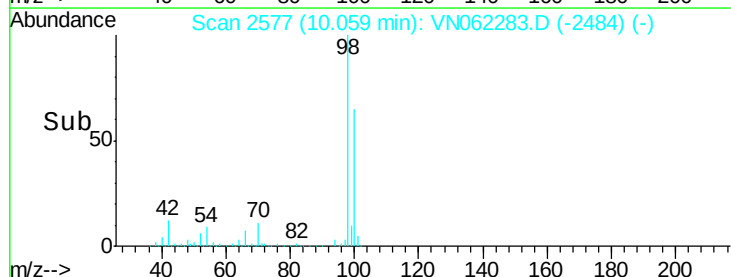
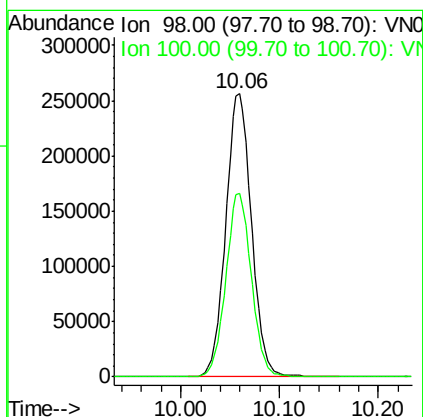
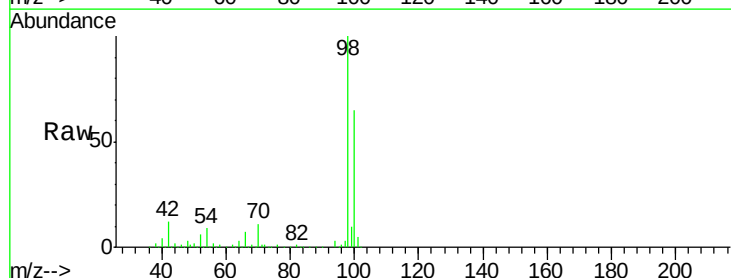
RT: 10.06 min Scan# 2577

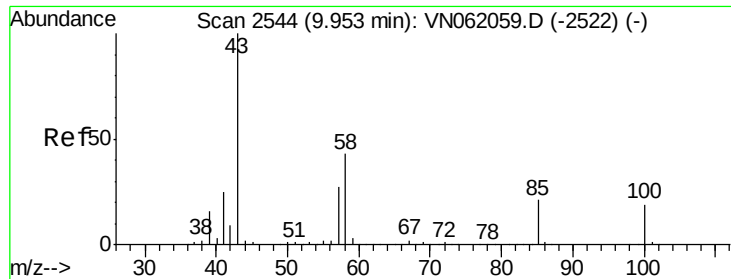
Delta R.T. -0.00 min

Lab File: VN062283.D

Acq: 1 Jul 2020 11:21

Tgt Ion:	98	Resp:	468686
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8

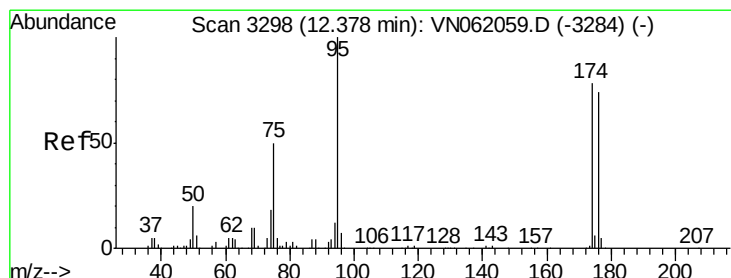
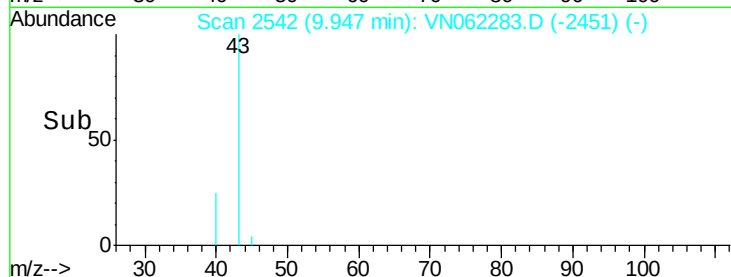
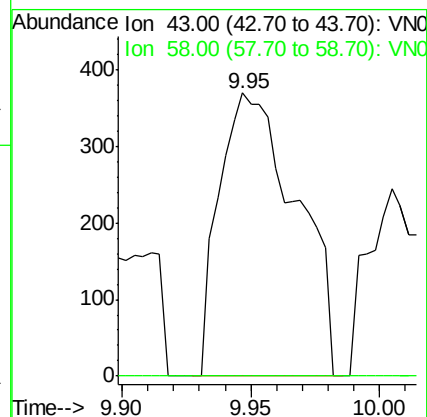
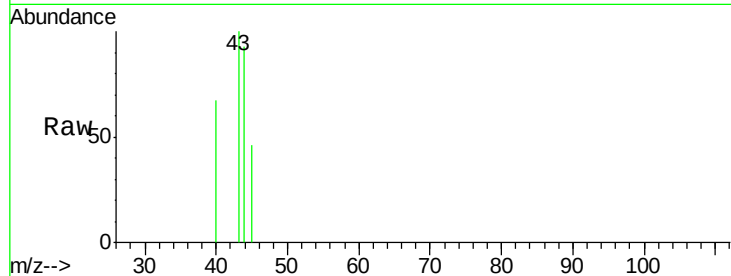




#51
 4-Methyl-2-Pentanone
 Concen: 0.266 ug/l
 RT: 9.95 min Scan# 2542
 Delta R.T. -0.01 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

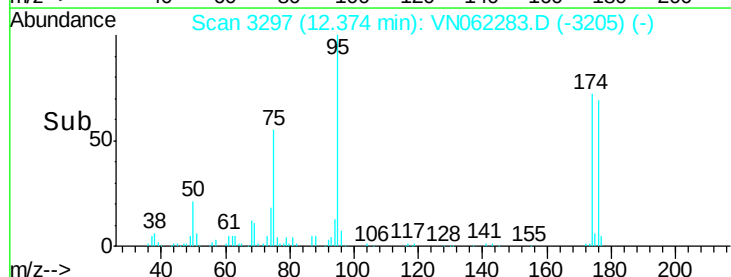
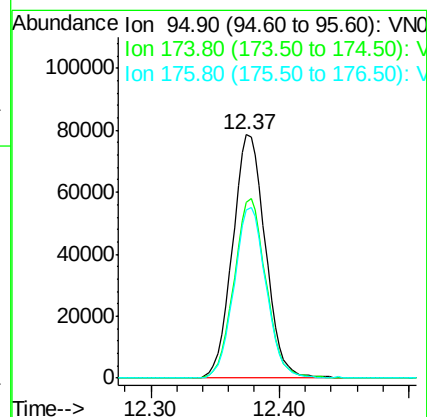
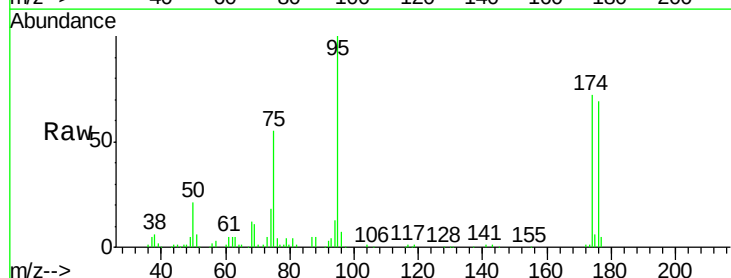
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBL01

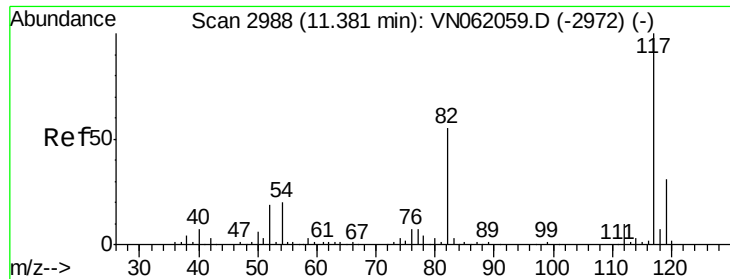
Tgt Ion: 43 Resp: 767
 Ion Ratio Lower Upper
 43 100
 58 0.0 34.2 51.2#



#62
 4-Bromofluorobenzene
 Concen: 44.068 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

Tgt Ion: 95 Resp: 138722
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 154.8
 176 68.5 0.0 147.4

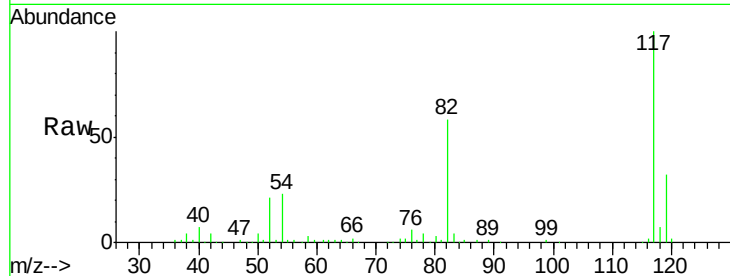




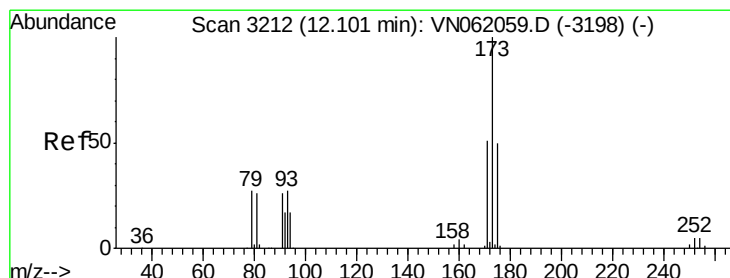
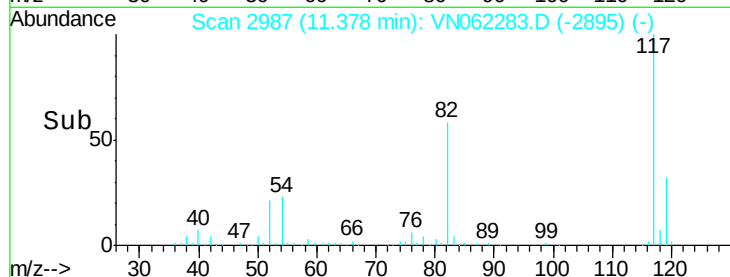
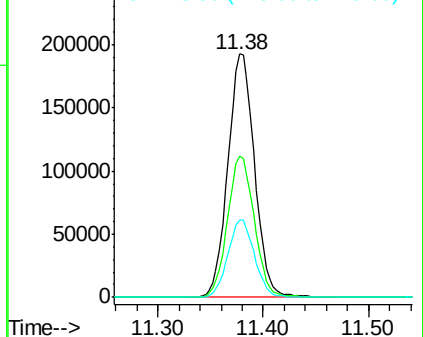
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062283.D
Acq: 1 Jul 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0701MBL01

Tgt Ion:117 Resp: 337649
Ion Ratio Lower Upper
117 100
82 58.3 43.8 65.8
119 31.9 25.2 37.8

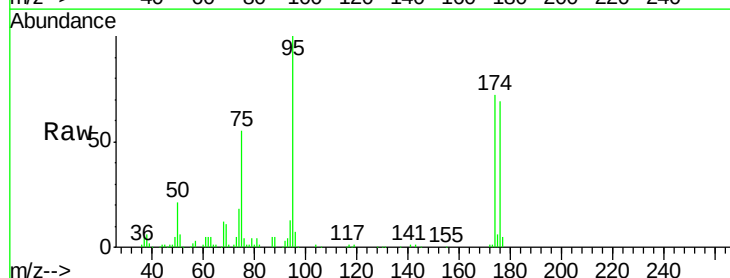


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

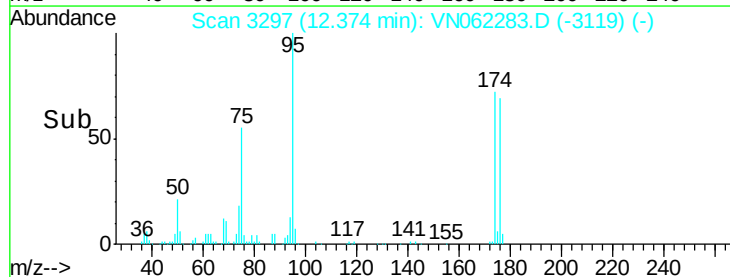
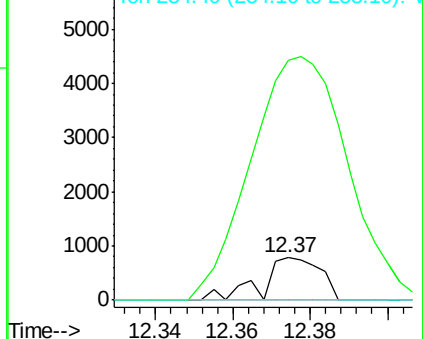


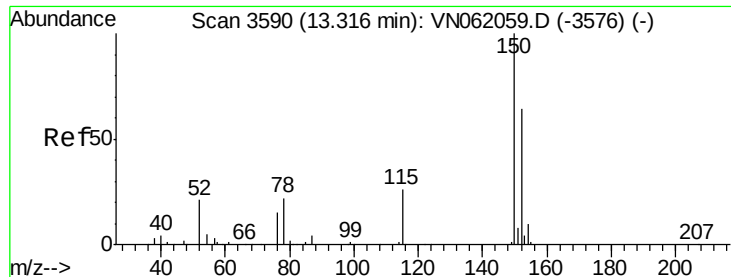
#71
Bromoform
Concen: 0.453 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.27 min
Lab File: VN062283.D
Acq: 1 Jul 2020 11:21

Tgt Ion:173 Resp: 825
Ion Ratio Lower Upper
173 100
175 804.0 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: VN062283.D

Acq: 1 Jul 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0701MBL01

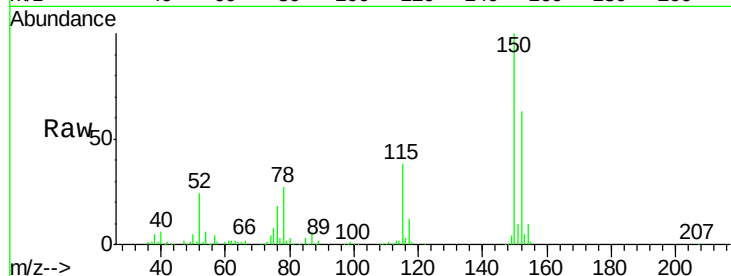
Tgt Ion:152 Resp: 111771

Ion Ratio Lower Upper

152 100

115 60.4 29.5 88.5

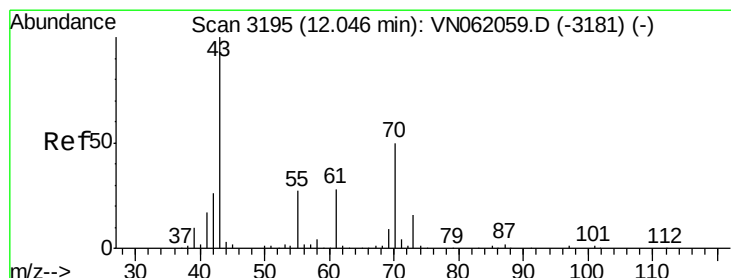
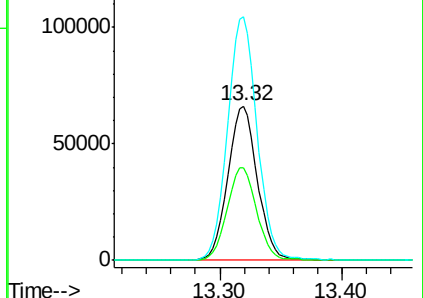
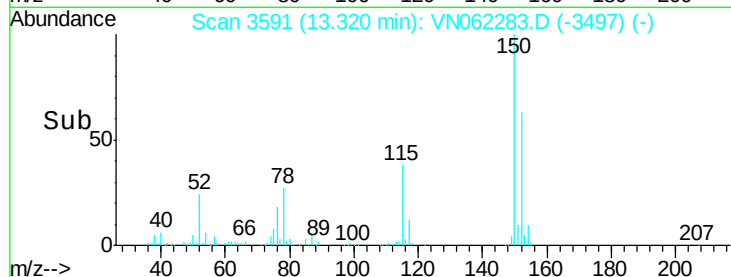
150 158.7 0.0 351.4



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-ethyl acetate

Concen: 3.395 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.01 min

Lab File: VN062283.D

Acq: 1 Jul 2020 11:21

Tgt Ion: 43 Resp: 177

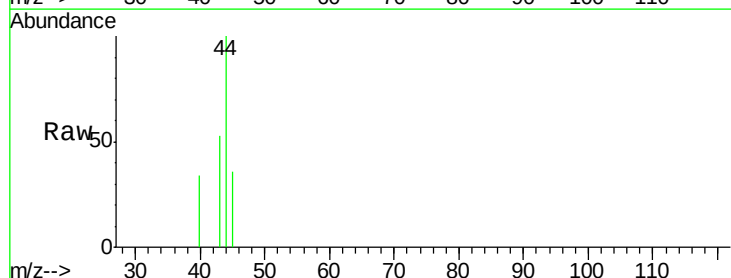
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

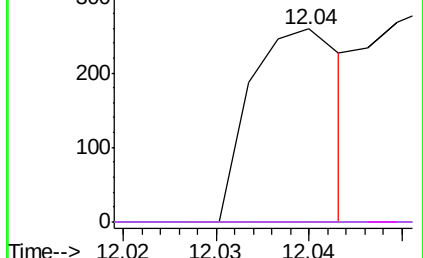
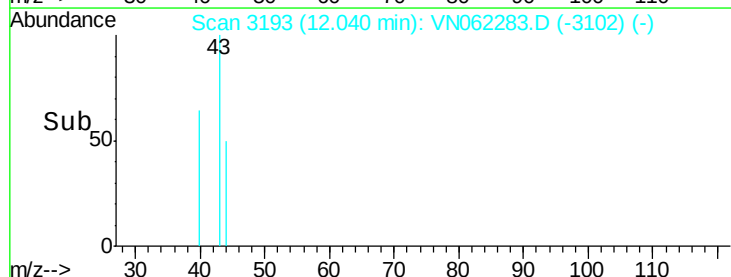


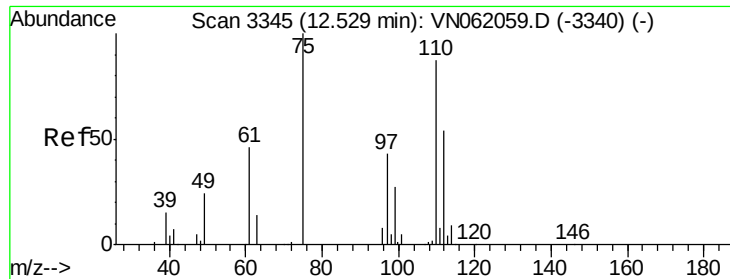
Abundance Ion 43.00 (42.70 to 43.70): VN0

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

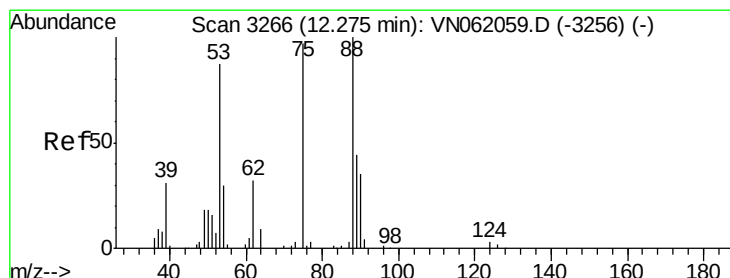
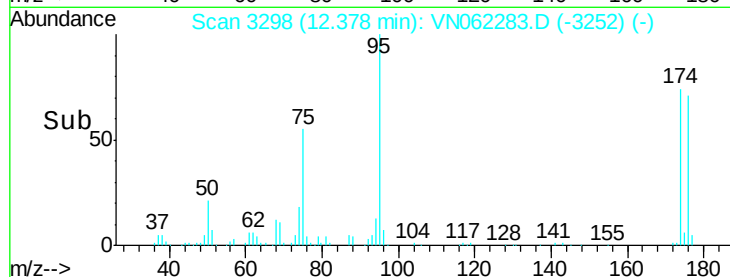
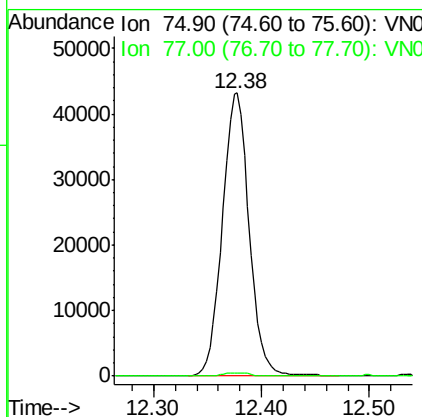
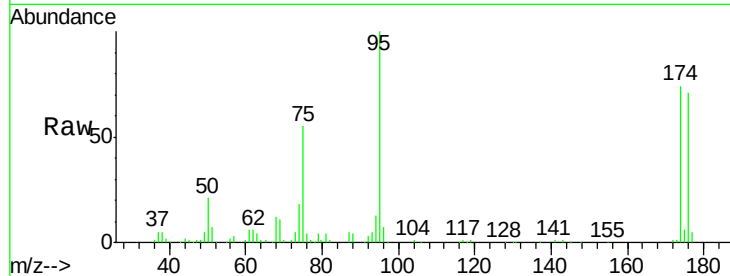




#76
 1,2,3-Trichloropropane
 Concen: 28.340 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

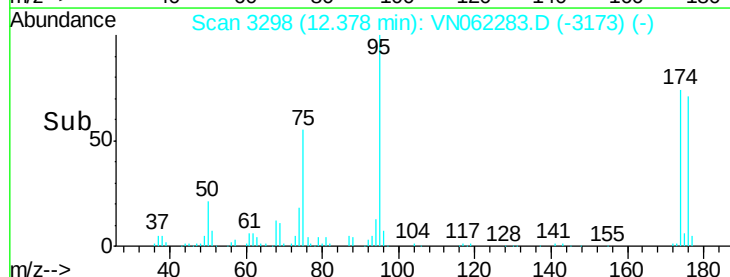
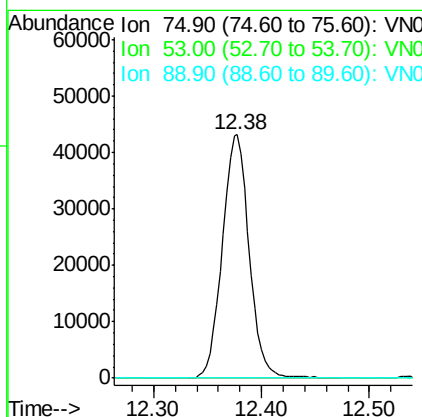
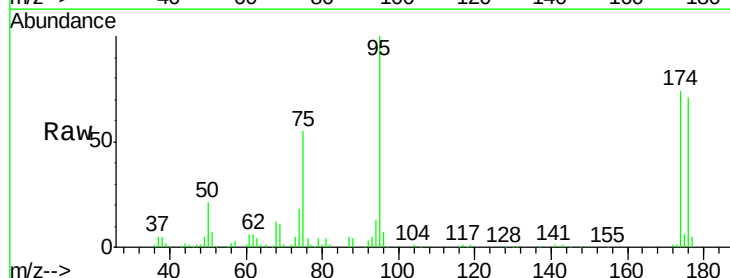
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBL01

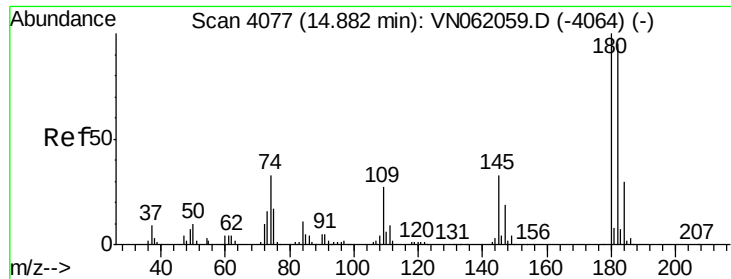
Tgt Ion: 75 Resp: 74567
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.763 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

Tgt Ion: 75 Resp: 74567
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.0 108.0#
 89 0.0 36.9 55.3#

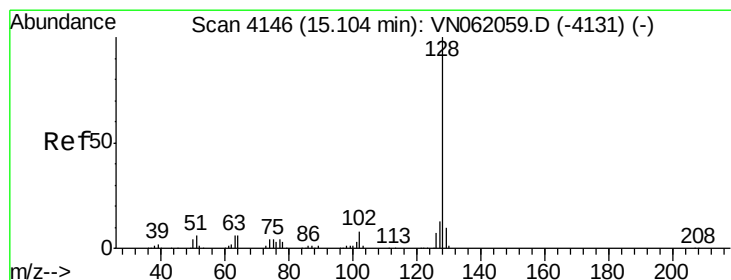
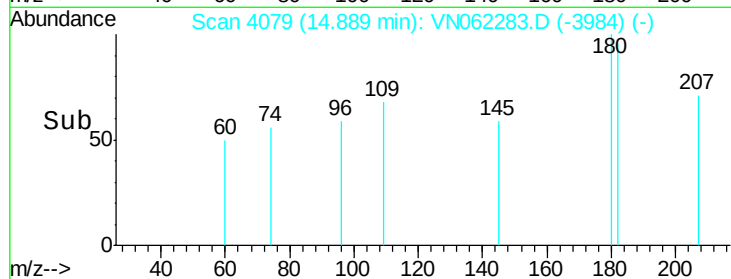
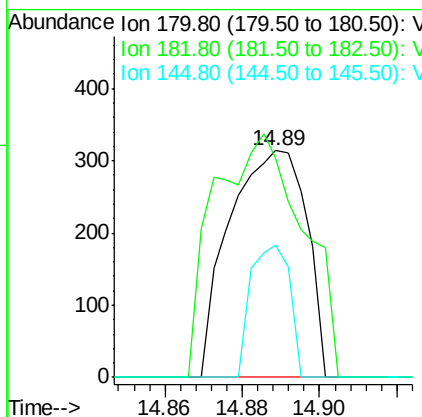
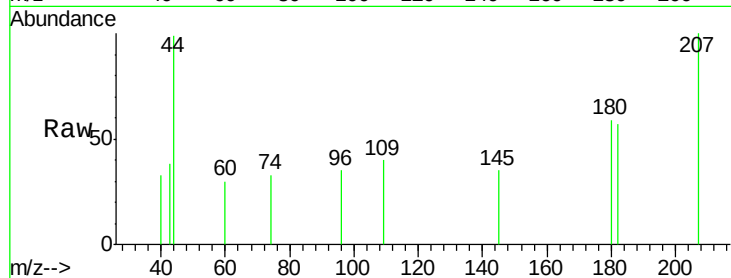




#93
 1,2,4-Trichlorobenzene
 Concen: 0.272 ug/l
 RT: 14.89 min Scan# 4079
 Delta R.T. 0.01 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

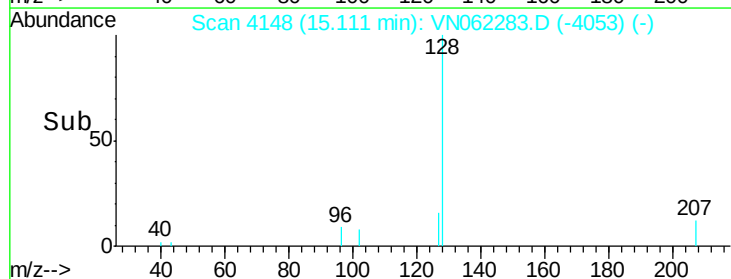
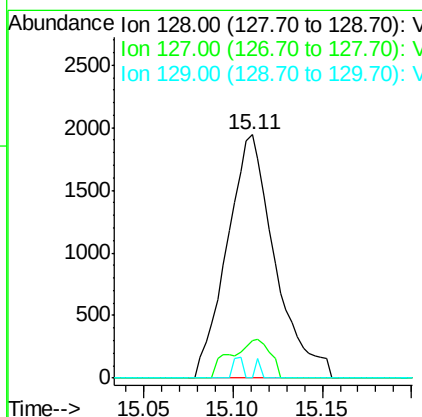
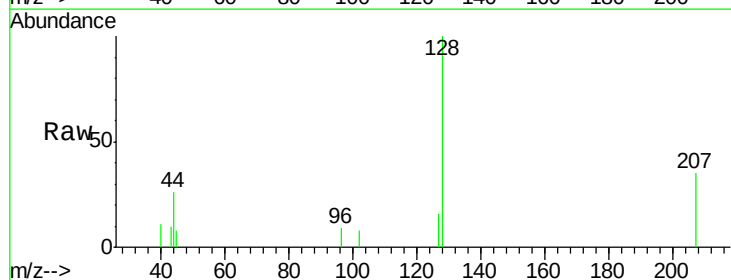
Instrument :
 MSVOA_N
 ClientSampled :
 VN0701MBL01

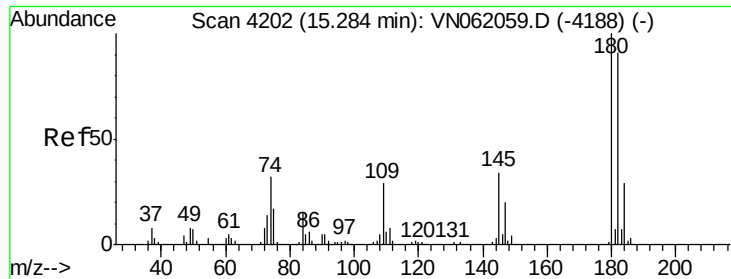
Tgt Ion:180 Resp: 434
 Ion Ratio Lower Upper
 180 100
 182 124.0 48.0 144.2
 145 29.3 16.0 48.0



#95
 Naphthalene
 Concen: 4.619 ug/l
 RT: 15.11 min Scan# 4148
 Delta R.T. 0.01 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

Tgt Ion:128 Resp: 3612
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.5 15.7
 129 0.8 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.629 ug/l
 RT: 15.29 min Scan# 4203
 Delta R.T. 0.00 min
 Lab File: VN062283.D
 Acq: 1 Jul 2020 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701MBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.0	46.8	140.4
145	23.7	16.4	49.2

