

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062072.D
 Acq On : 24 Jun 2020 19:01
 Operator : JC/MD
 Sample : L3033-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW003-200616

Manual Integrations
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 6/25/2020 6:10:29 PM

Quant Time: Jun 25 05:11:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	201540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	381953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	145536	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	7.55	113	124160	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.06	98	476726	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.38	95	152042	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
Target Compounds						
4) Vinyl Chloride	2.16	62	31126	8.676	ug/l	96
8) Diethyl Ether	3.37	74	3407	2.207	ug/l	99
22) Diisopropyl ether	5.90	45	4501	0.627	ug/l #	82
24) 1,1-Dichloroethane	5.80	63	9029	1.955	ug/l #	93
27) cis-1,2-Dichloroethene	6.79	96	4938	1.665	ug/l	96
29) Tetrahydrofuran	7.18	42	2564m	2.831	ug/l	
49) 1,4-Dioxane	9.17	88	7355	142.734	ug/l	98
65) Chlorobenzene	11.40	112	65646	8.163	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	10612	2.387	ug/l	83
91) 1,2-Dichlorobenzene	13.63	146	16469	3.937	ug/l	100

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

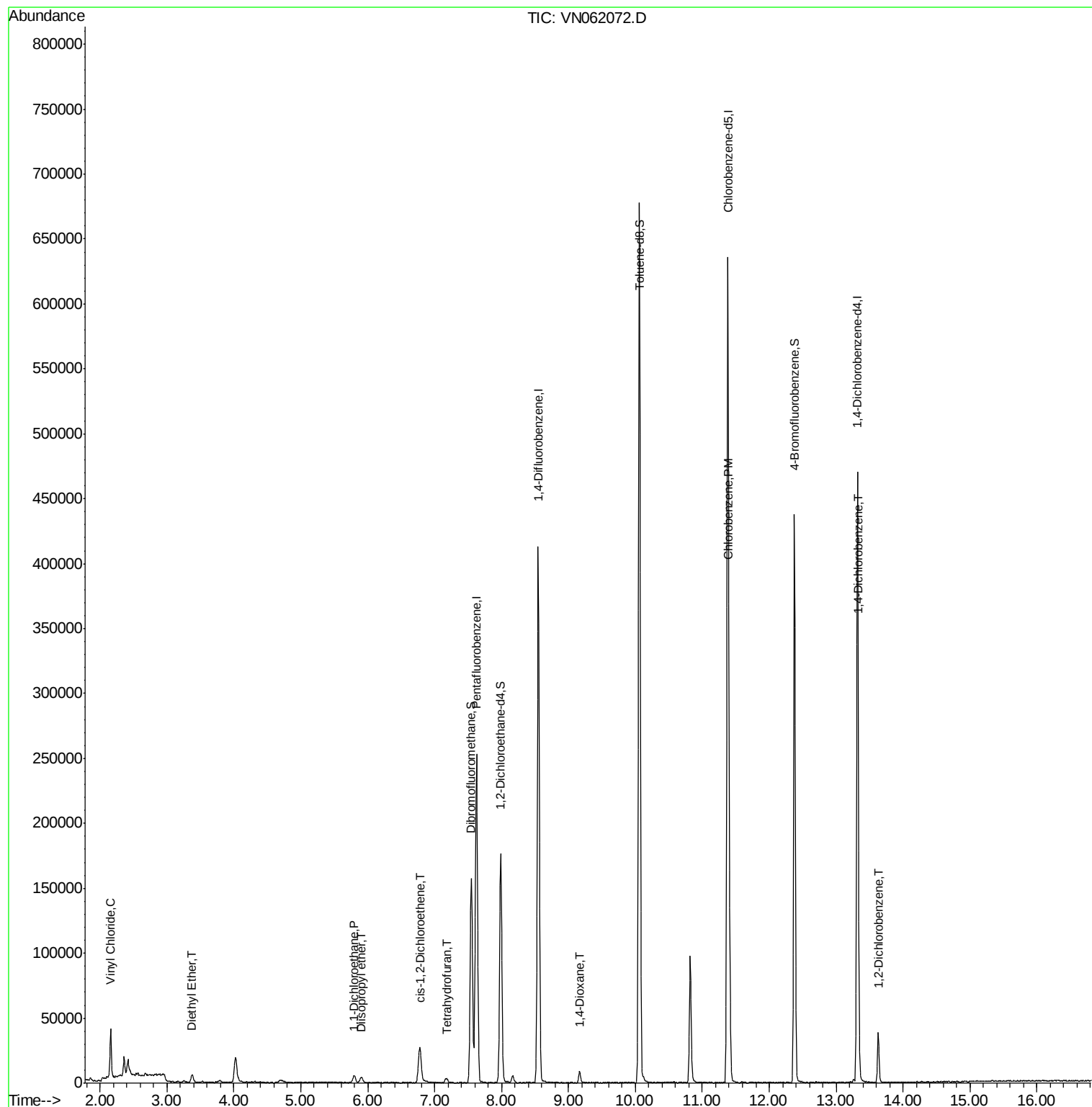
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062420\
Data File : VN062072.D
Acq On : 24 Jun 2020 19:01
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Quant Time: Jun 25 05:11:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062072.D

Acq: 24 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

LF001MW003-200616

Tot Ion:168 Resp: 201540

Ion Ratio Lower Upper

168 100

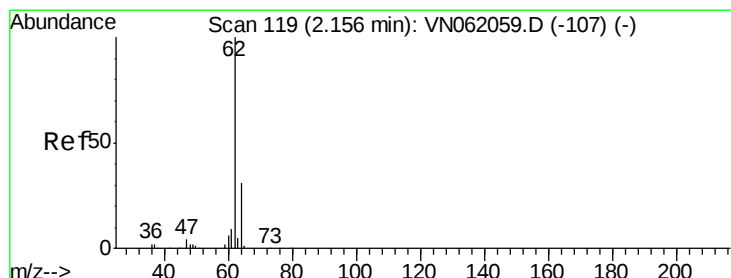
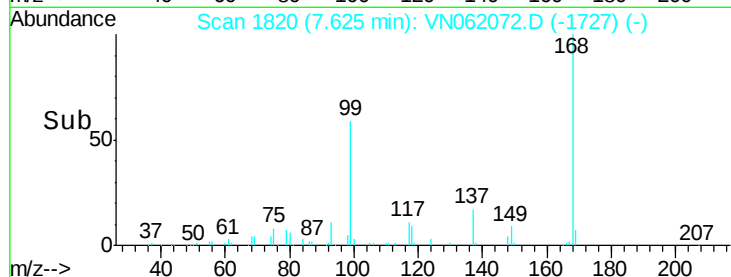
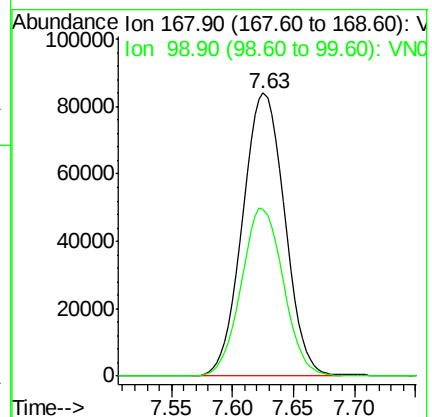
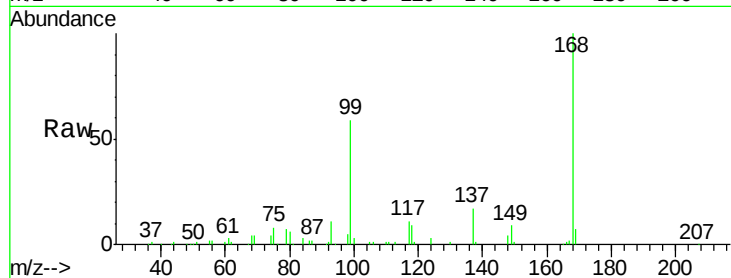
99 59.1 45.8 68.8

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#4

Vinyl Chloride

Concen: 8.676 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062072.D

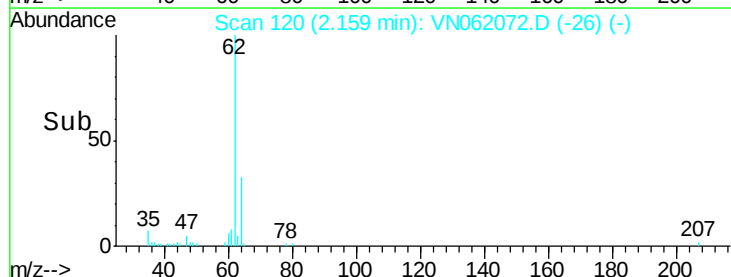
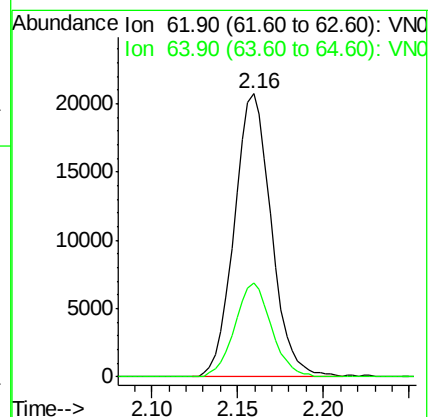
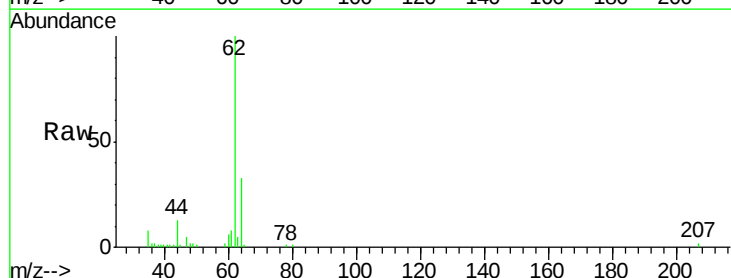
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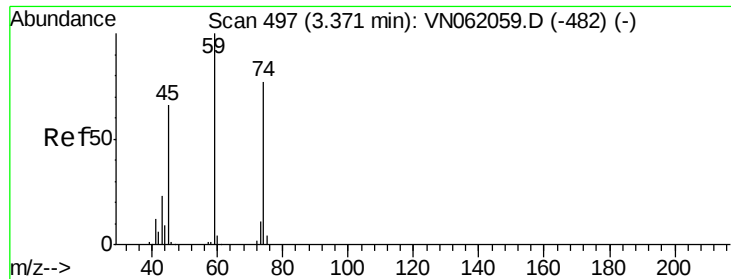
Tgt Ion: 62 Resp: 31126

Ion Ratio Lower Upper

62 100

64 33.4 25.1 37.7





#8

Diethyl Ether

Concen: 2.207 ug/l

RT: 3.37 min Scan# 498

Delta R.T. 0.00 min

Lab File: VN062072.D

Acq: 24 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

LF001MW003-200616

Tot Ion: 74 Resp: 3407

Ion Ratio Lower Upper

74 100

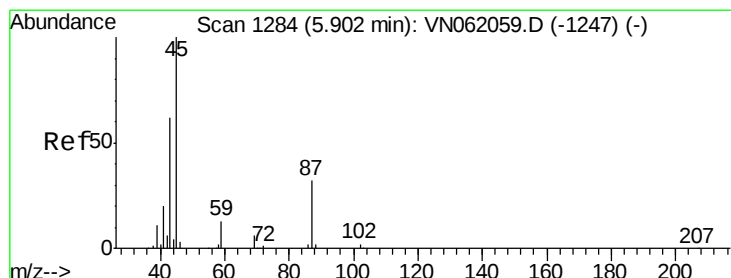
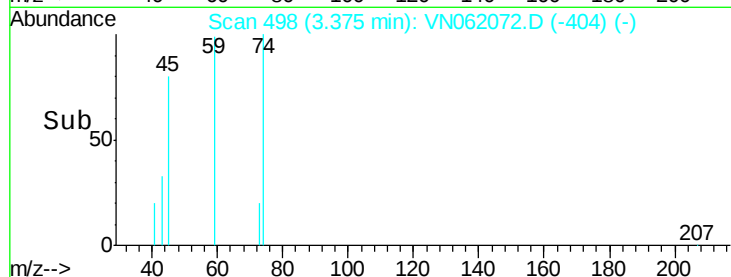
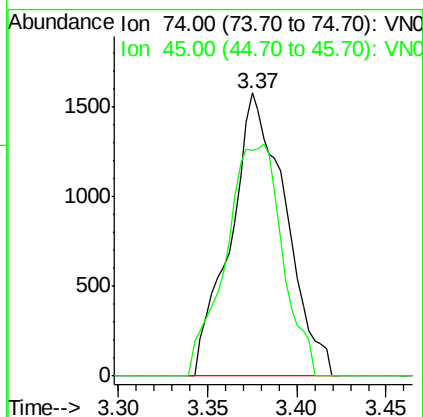
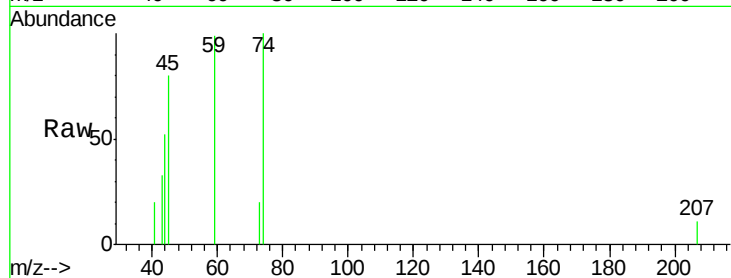
45 84.4 42.5 127.5

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#22

Diisopropyl ether

Concen: 0.627 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062072.D

Acq: 24 Jun 2020 19:01

Tgt Ion: 45 Resp: 4501

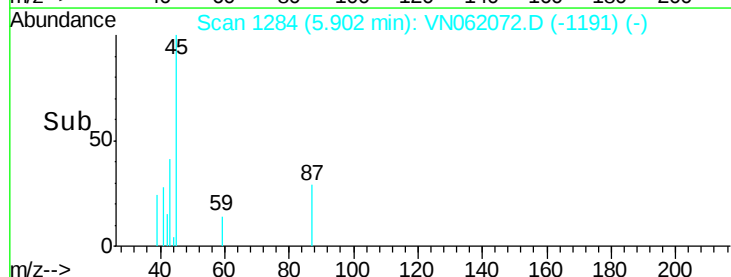
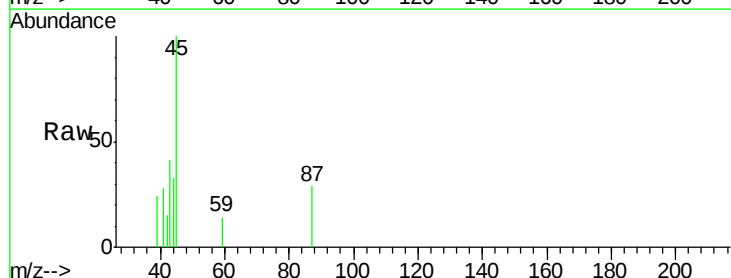
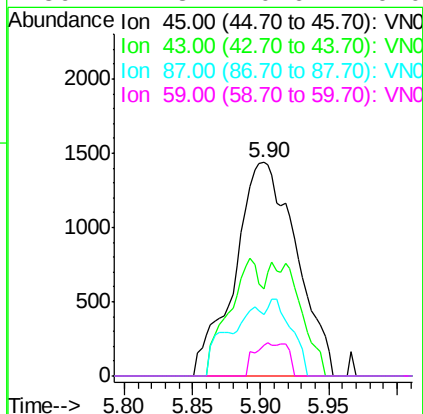
Ion Ratio Lower Upper

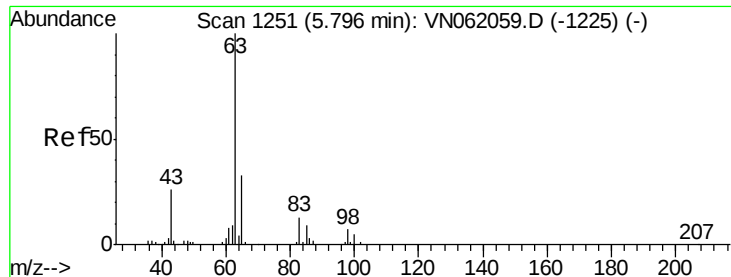
45 100

43 40.7 49.7 74.5#

87 29.1 25.9 38.9

59 14.3 10.6 16.0





#24

1,1-Dichloroethane

Concen: 1.955 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062072.D

Acq: 24 Jun 2020 19:01

Instrument :

MSVOA_N

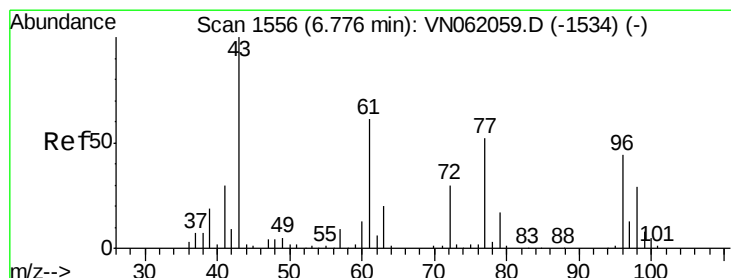
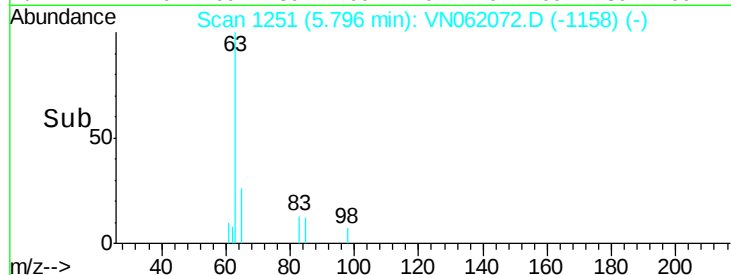
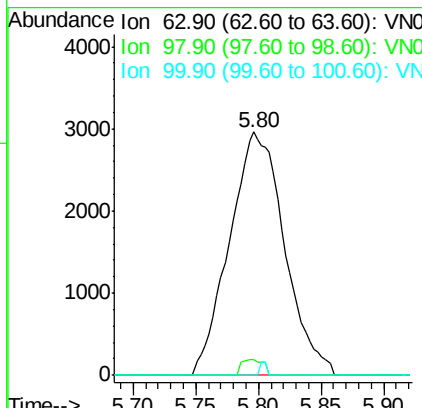
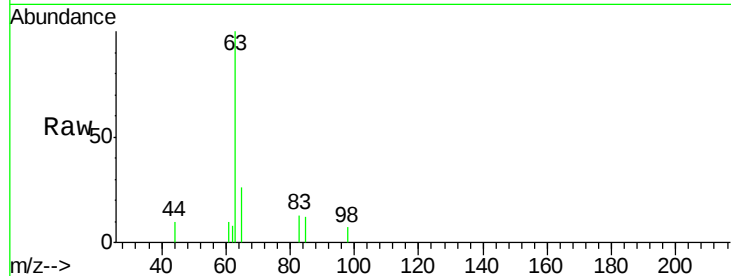
ClientSampleId :

LF001MW003-200616

Tot Ion:	63	Resp:	9029
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.6	10.9
100	0.0	2.4	7.1#

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#27

cis-1,2-Dichloroethene

Concen: 1.665 ug/l

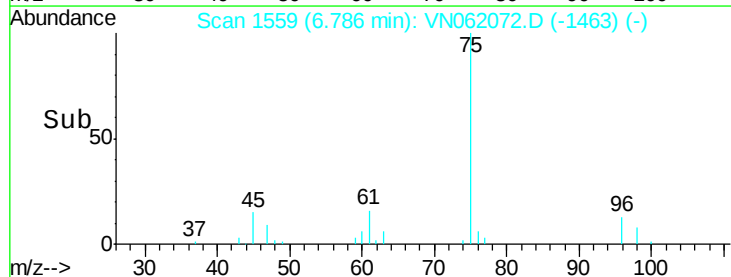
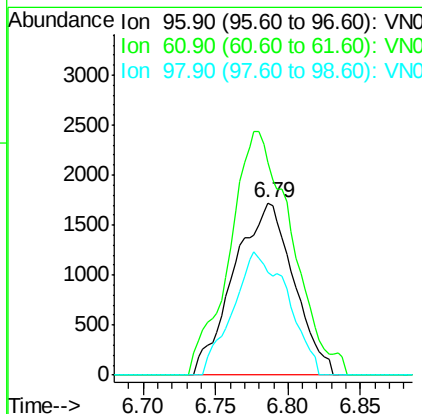
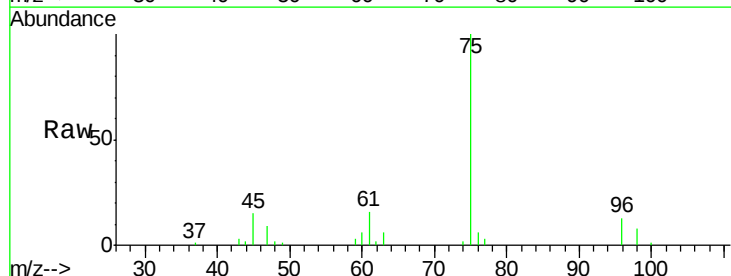
RT: 6.79 min Scan# 1559

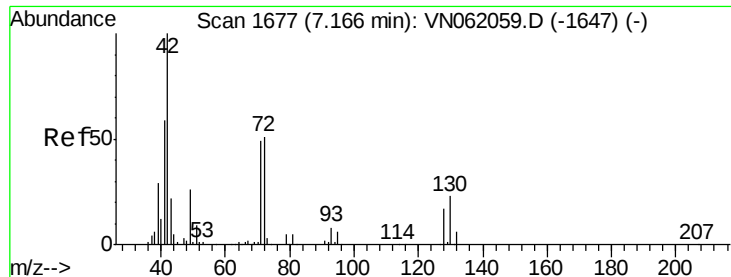
Delta R.T. 0.01 min

Lab File: VN062072.D

Acq: 24 Jun 2020 19:01

Tgt Ion:	96	Resp:	4938
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	280.4
98	65.7	0.0	129.4





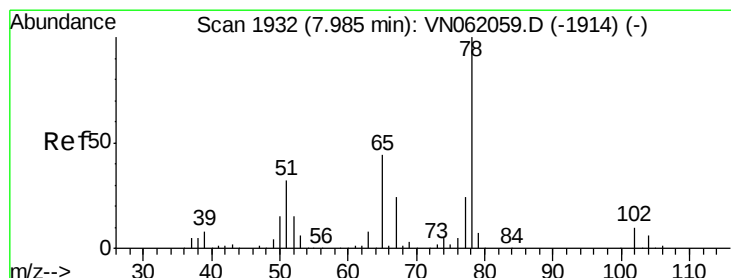
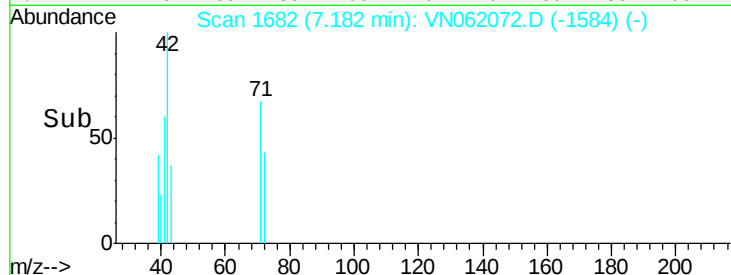
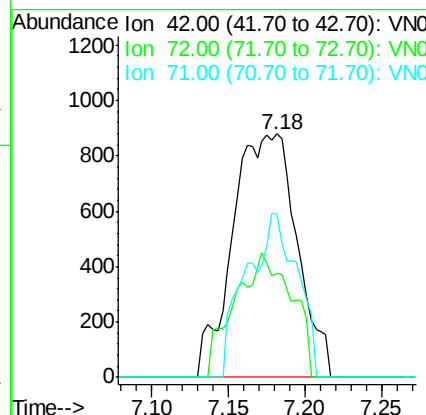
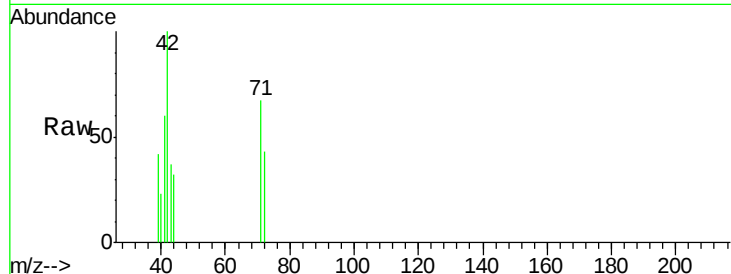
#29
Tetrahydrofuran
Concen: 2.831 ug/l m
RT: 7.18 min Scan# 1682
Delta R.T. 0.02 min
Lab File: VN062072.D
Acq: 24 Jun 2020 19:01

Instrument :
MSVOA_N
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LF001MW003-200616

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.1	61.7#
71	18.1	38.2	57.4#

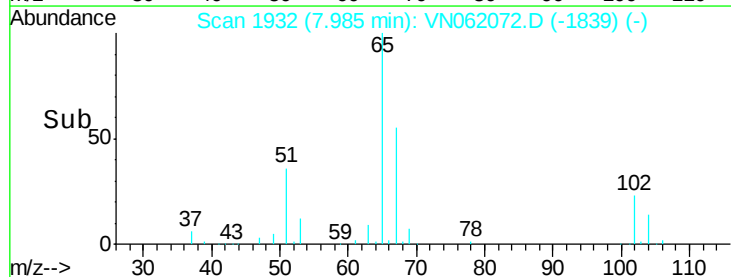
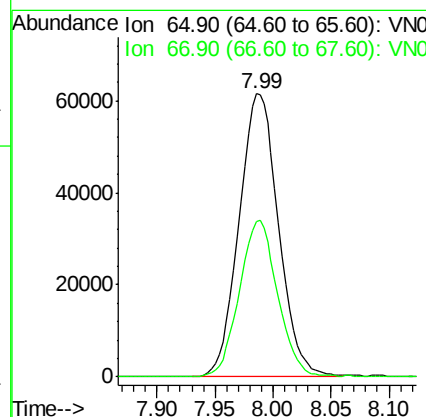
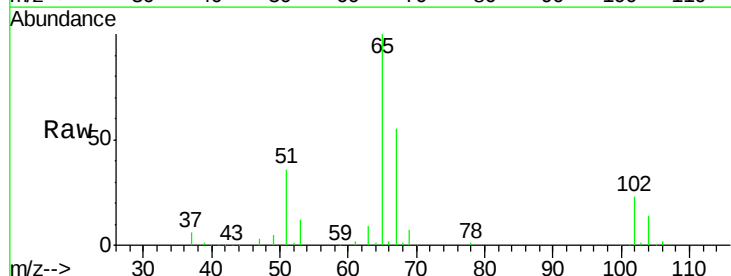
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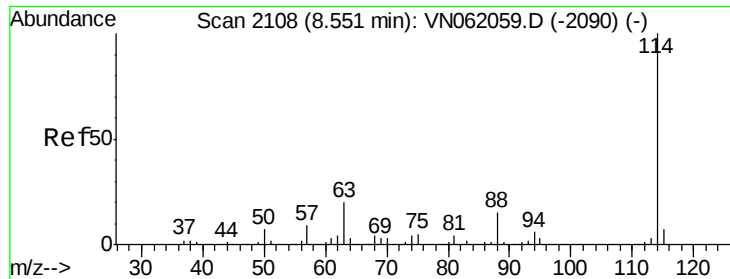
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#33
1,2-Dichloroethane-d4
Concen: 51.457 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. 0.00 min
Lab File: VN062072.D
Acq: 24 Jun 2020 19:01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.2





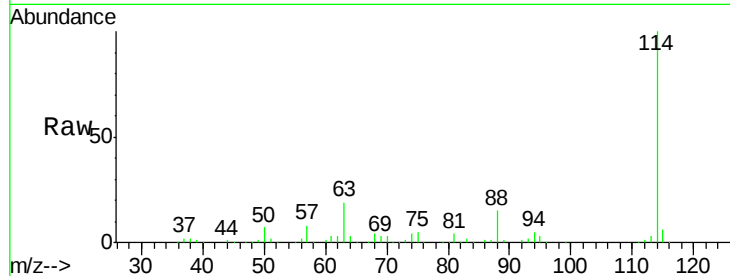
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062072.D
Acq: 24 Jun 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
LF001MW003-200616

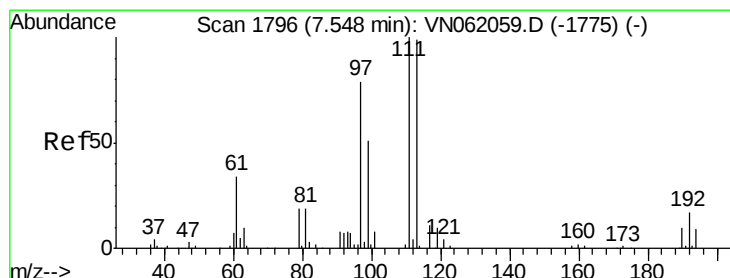
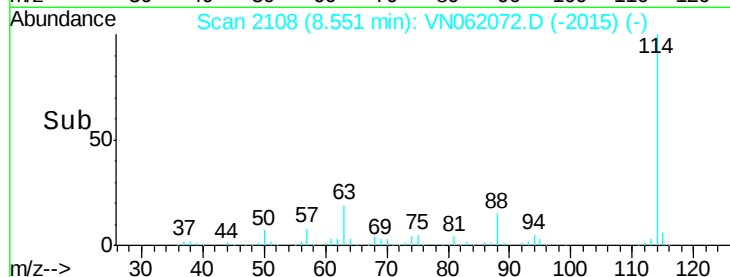
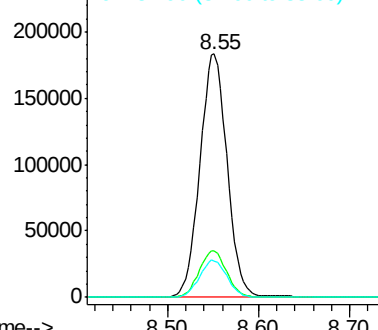
Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.2	0.0	39.2
88	15.1	0.0	30.8

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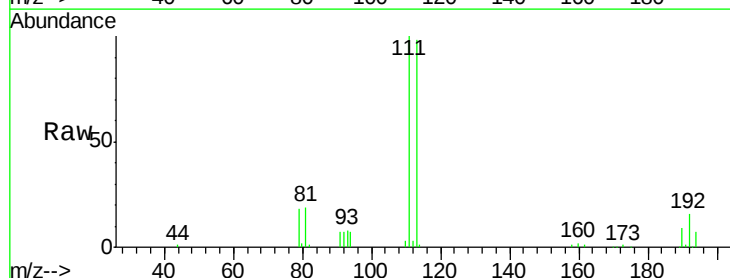


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

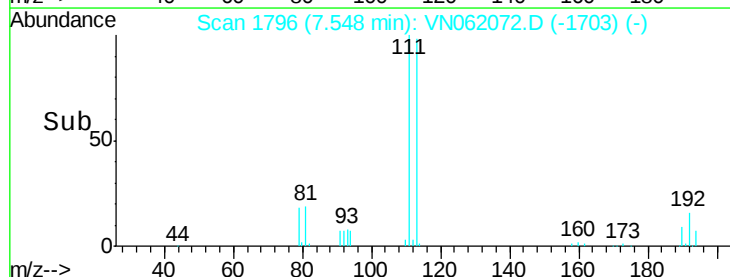
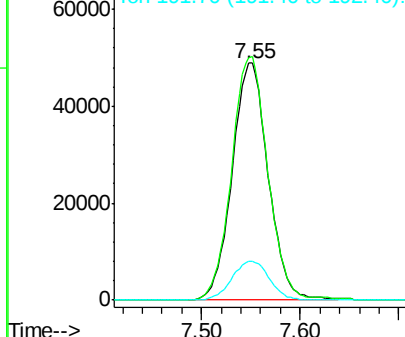


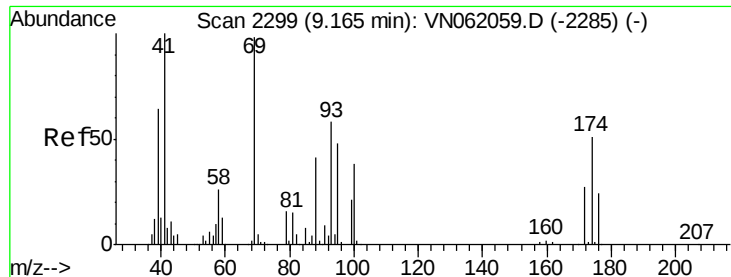
#35
Dibromofluoromethane
Concen: 50.669 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN062072.D
Acq: 24 Jun 2020 19:01

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.8	82.2	123.4
192	16.8	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





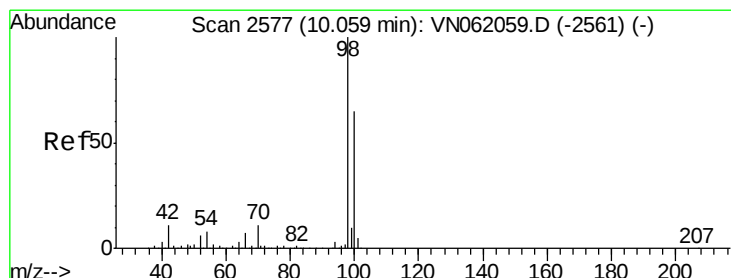
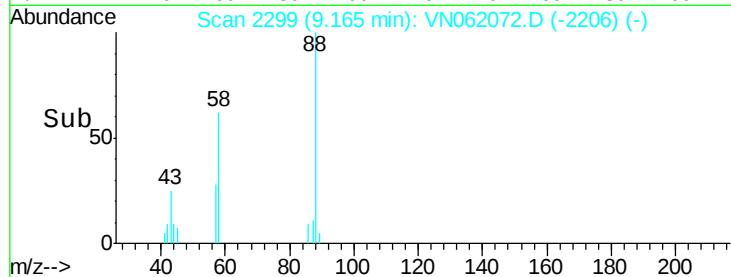
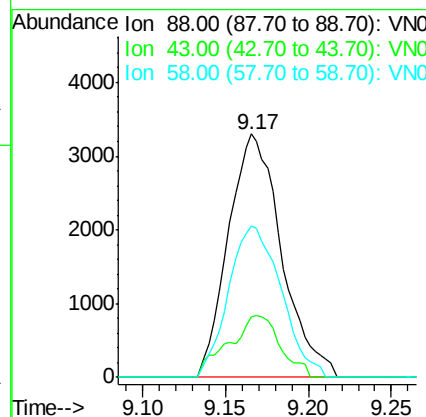
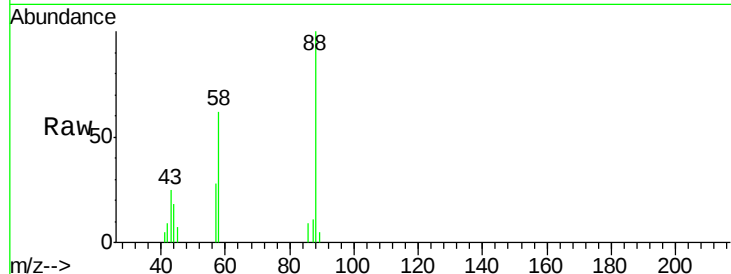
#49
 1,4-Dioxane
 Concen: 142.734 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN062072.D
 Acq: 24 Jun 2020 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	88	Resp	7355
Ion	Ratio	Lower	Upper
88	100		
43	24.6	22.0	33.0
58	61.6	49.2	73.8

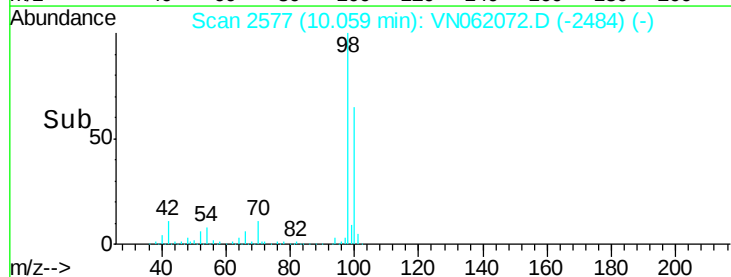
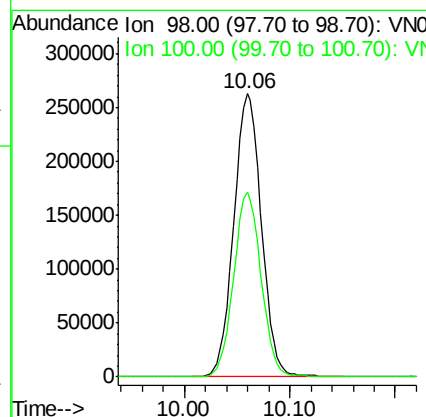
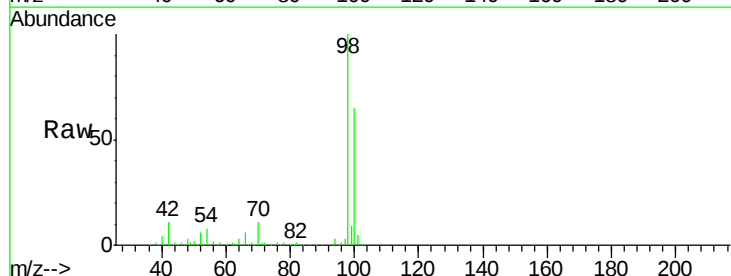
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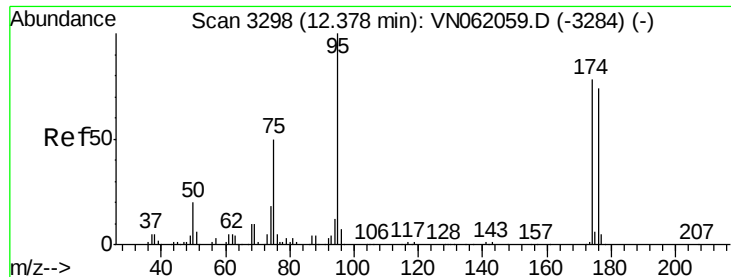
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#50
 Toluene-d8
 Concen: 48.670 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062072.D
 Acq: 24 Jun 2020 19:01

Tgt Ion	98	Resp	476726
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.2	76.8





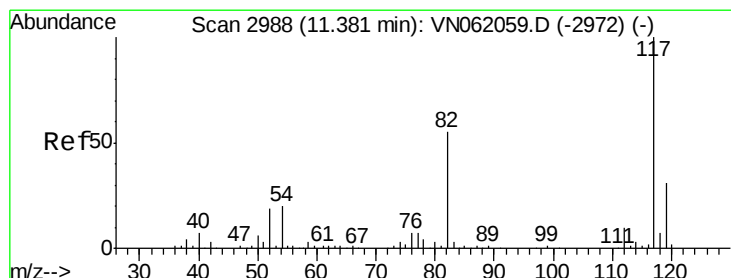
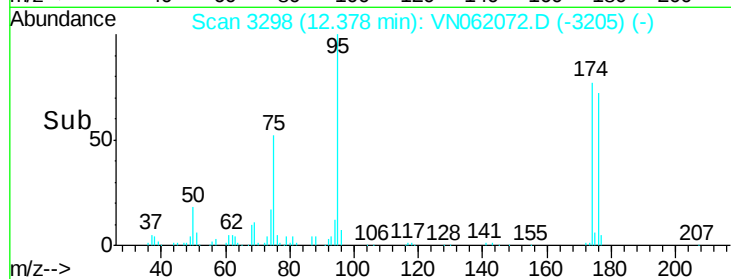
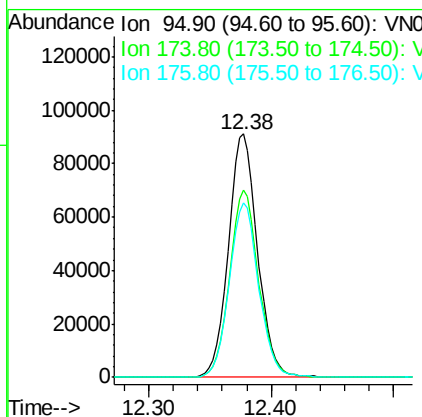
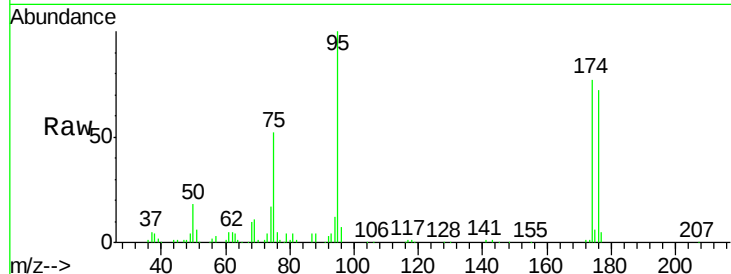
#62
4-Bromofluorobenzene
Concen: 45.943 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN062072.D
Acq: 24 Jun 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
LF001MW003-200616

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		152042		
174	76.9	0.0	154.8		
176	72.6	0.0	147.4		

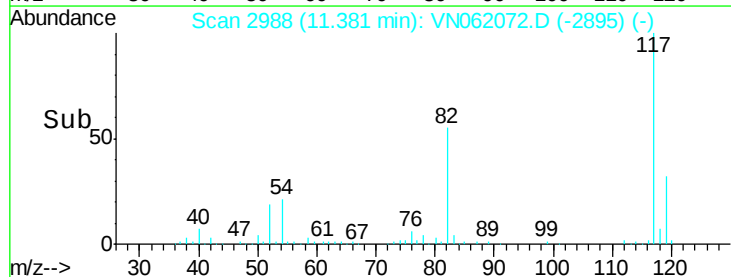
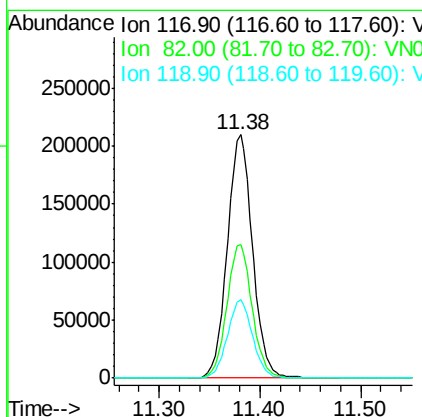
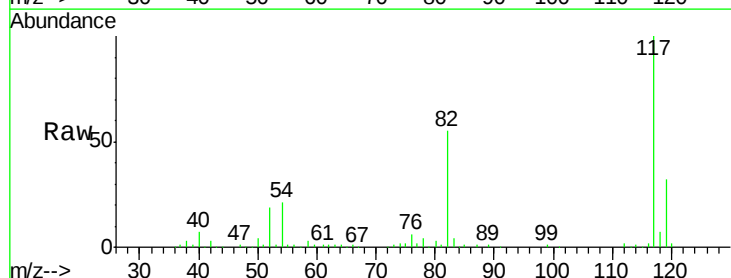
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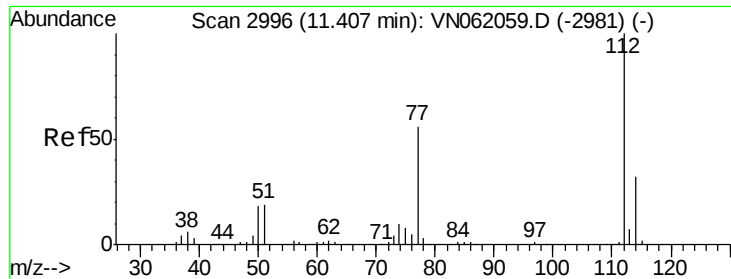
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062072.D
Acq: 24 Jun 2020 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		366216		
82	54.8	43.8	65.8		
119	32.0	25.2	37.8		





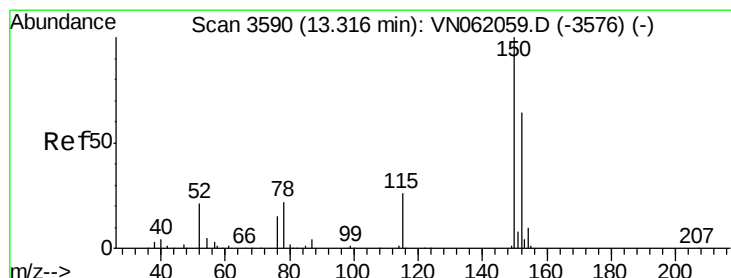
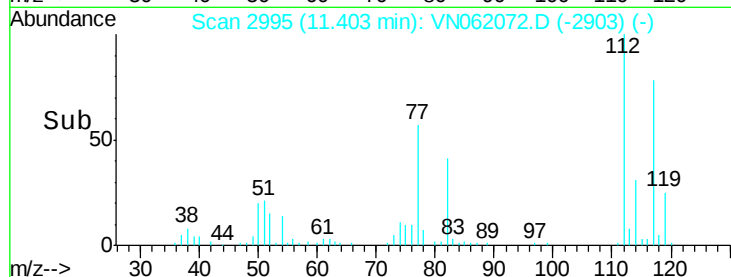
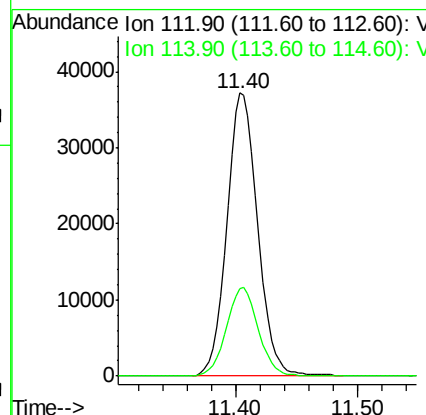
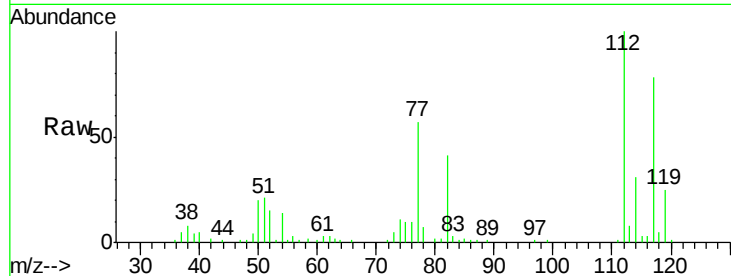
#65
Chlorobenzene
Concen: 8.163 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062072.D
Acq: 24 Jun 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
LF001MW003-200616

Tot Ion:112 Resp: 65646
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.8

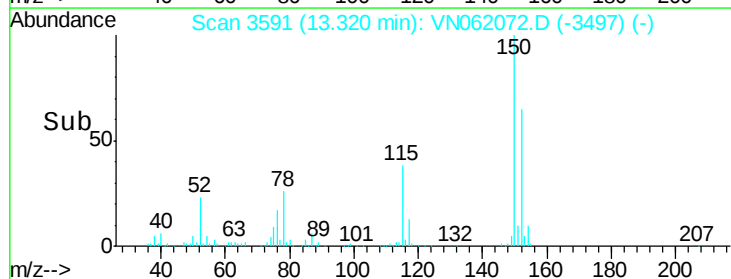
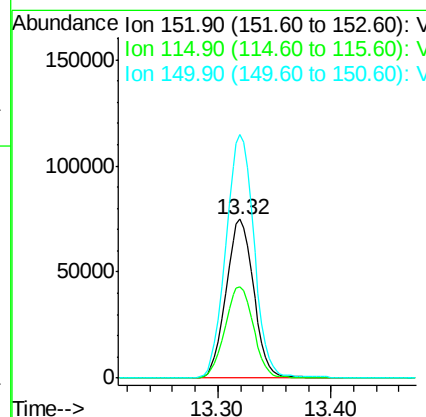
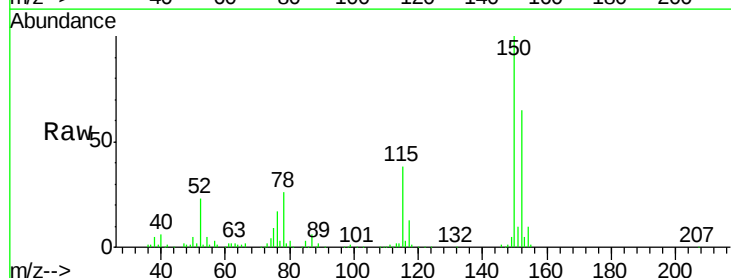
Manual Integrations
APPROVED

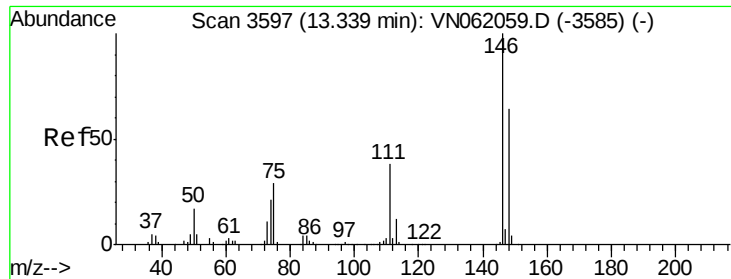
MMDadoda
6/25/2020 6:10:29 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062072.D
Acq: 24 Jun 2020 19:01

Tgt Ion:152 Resp: 127819
Ion Ratio Lower Upper
152 100
115 59.2 29.5 88.5
150 156.0 0.0 351.4





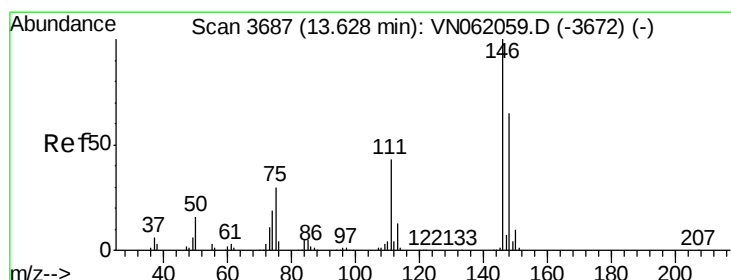
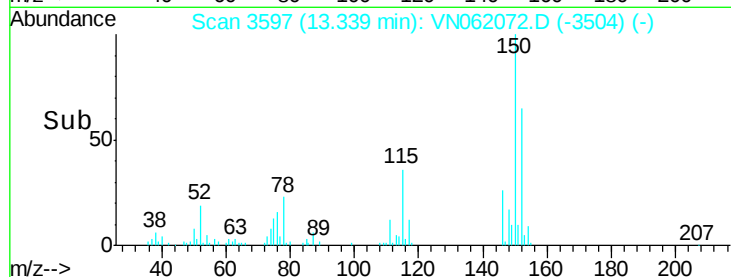
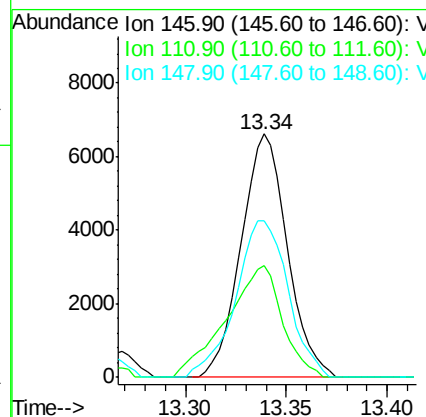
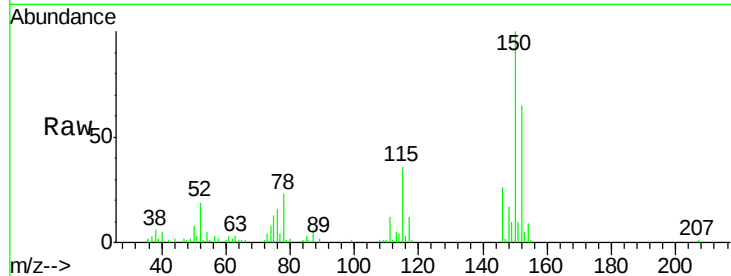
#88
 1,4-Dichlorobenzene
 Concen: 2.387 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062072.D
 Acq: 24 Jun 2020 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW003-200616

Tot Ion	Ratio	Lower	Upper
146	100		
111	55.4	19.9	59.6
148	73.0	31.9	95.9

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:10:29 PM



#91
 1,2-Dichlorobenzene
 Concen: 3.937 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062072.D
 Acq: 24 Jun 2020 19:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	63.2	31.9	95.5

