

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063804.D
 Acq On : 2 Oct 2020 5:20
 Operator : JC/MD
 Sample : L4236-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Manual Integrations
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MMDadoda
 10/2/2020 3:12:16 PM

Quant Time: Oct 02 05:56:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	204170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	180381	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
35) Dibromofluoromethane	7.55	113	128752	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	10.06	98	492202	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.38	95	189662	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.16	62	92690	36.529	ug/l	97
6) Chloroethane	2.67	64	41603	27.439	ug/l	97
11) Tert butyl alcohol	4.74	59	9692	26.026	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	332961	161.949	ug/l	99
16) Acetone	3.78	43	3358	3.234	ug/l #	74
20) Methylene Chloride	4.51	84	2439m	1.122	ug/l	
24) 1,1-Dichloroethane	5.80	63	91563	20.378	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	50645	19.122	ug/l	87
39) Methylcyclohexane	9.05	83	2241	0.565	ug/l #	88
40) Benzene	8.00	78	9880	0.869	ug/l	97
42) 1,2-Dichloroethane	8.09	62	39218	8.085	ug/l	99
44) Trichloroethene	8.80	130	2123	0.713	ug/l	90
49) 1,4-Dioxane	9.16	88	194072	4239.087	ug/l	93

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

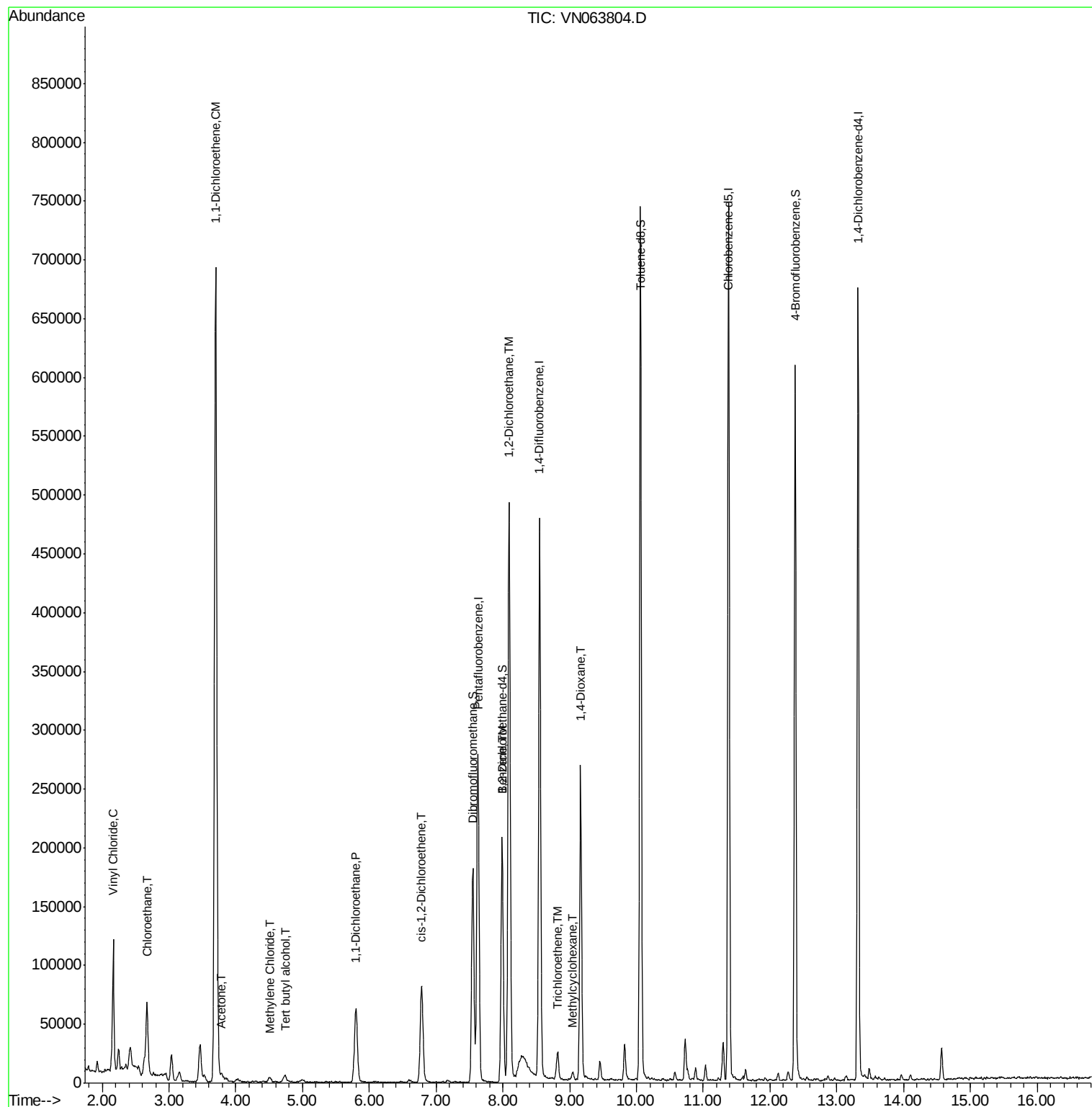
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
Data File : VN063804.D
Acq On : 2 Oct 2020 5:20
Operator : JC/MD
Sample : L4236-01
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ALS Vial : 47 Sample Multiplier: 1

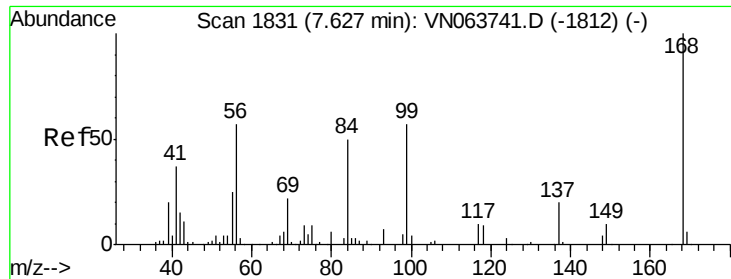
Instrument :
MSVOA_N
ClientSampleId :
MW-1

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Quant Time: Oct 02 05:56:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tot Ion:168 Resp: 204170

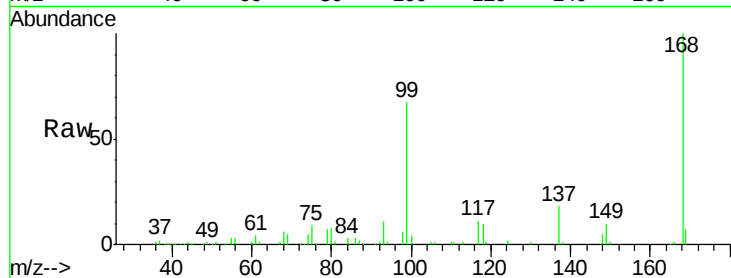
Ion Ratio Lower Upper

168 100

99 66.7 51.8 77.6

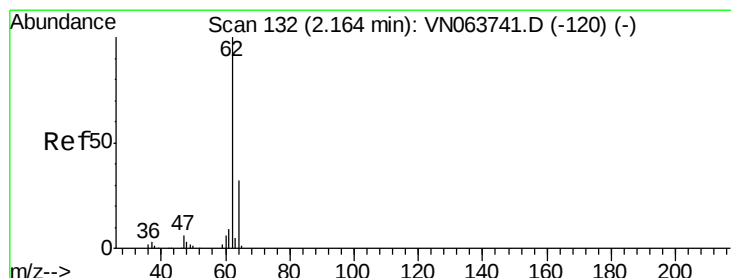
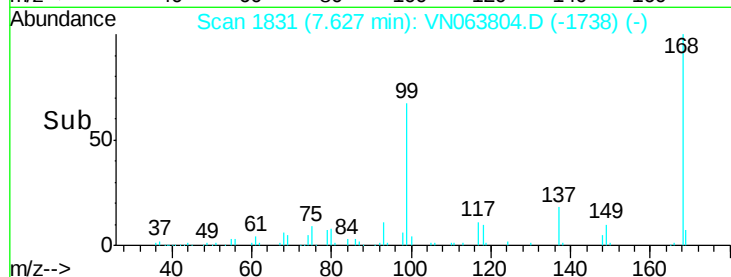
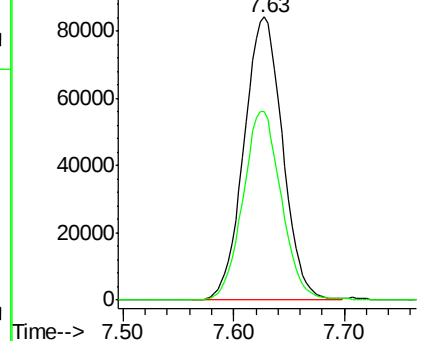
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 36.529 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063804.D

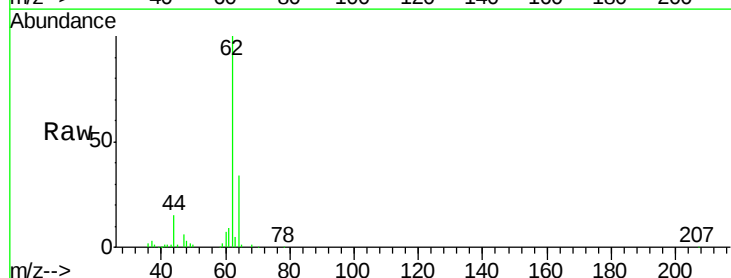
Acq: 2 Oct 2020 5:20

Tgt Ion: 62 Resp: 92690

Ion Ratio Lower Upper

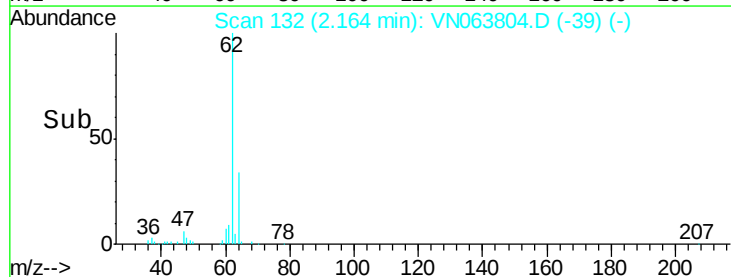
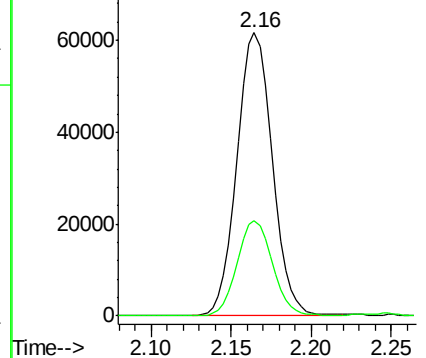
62 100

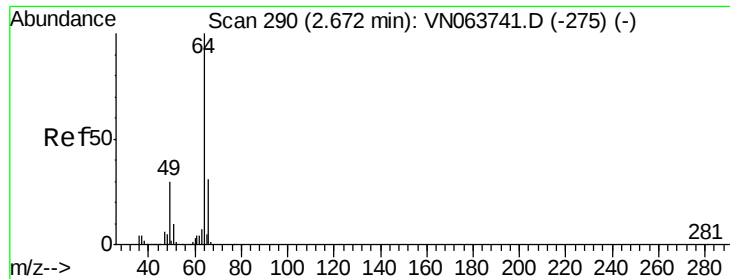
64 33.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 27.439 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tot Ion: 64 Resp: 41603

Ion Ratio Lower Upper

64 100

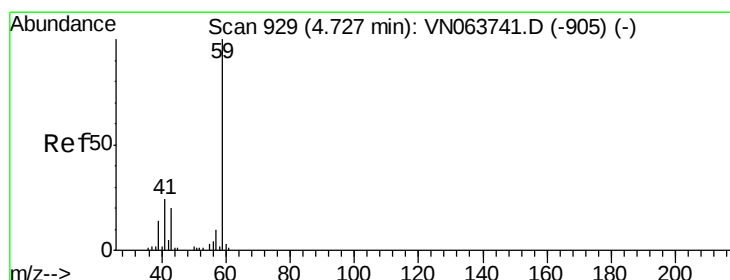
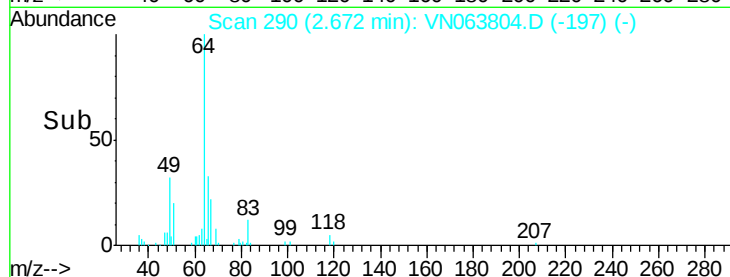
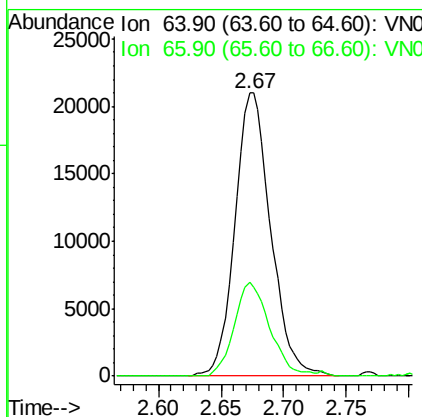
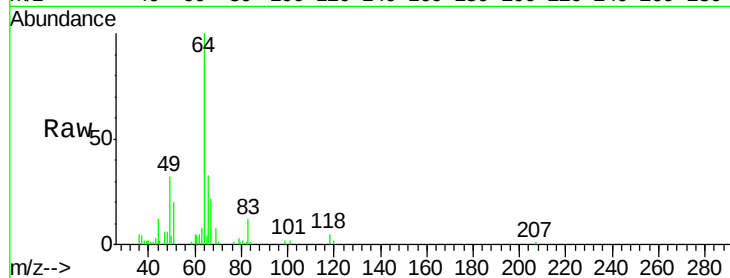
66 33.0 25.1 37.7

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#11

Tert butyl alcohol

Concen: 26.026 ug/l

RT: 4.74 min Scan# 933

Delta R.T. 0.01 min

Lab File: VN063804.D

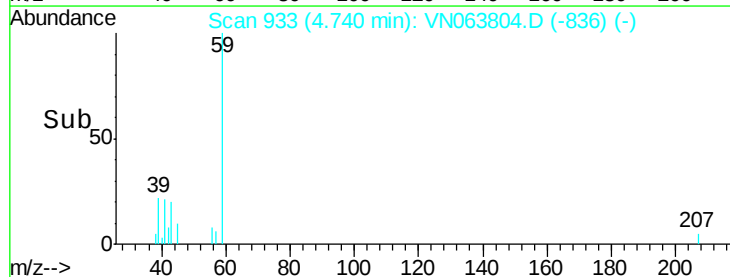
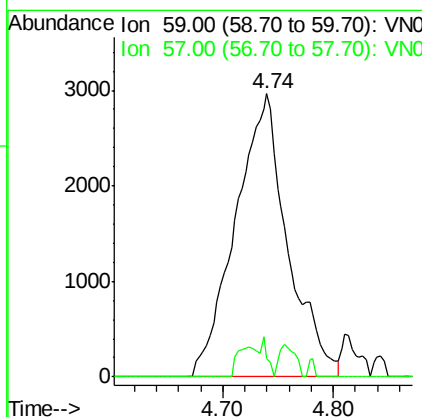
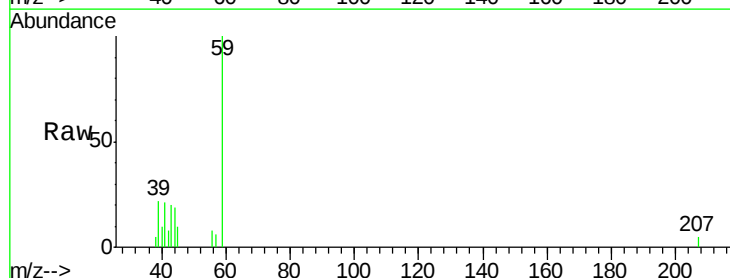
Acq: 2 Oct 2020 5:20

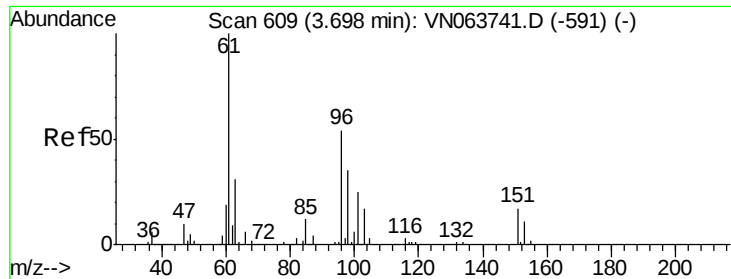
Tgt Ion: 59 Resp: 9692

Ion Ratio Lower Upper

59 100

57 3.6 8.7 13.1#





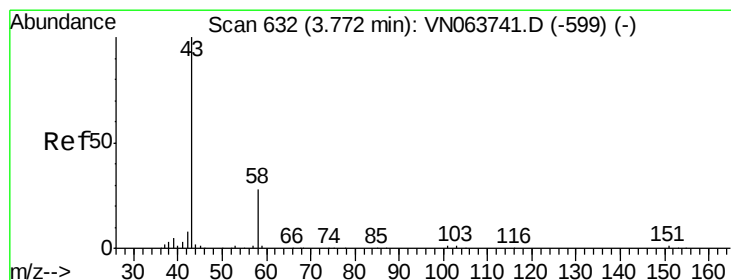
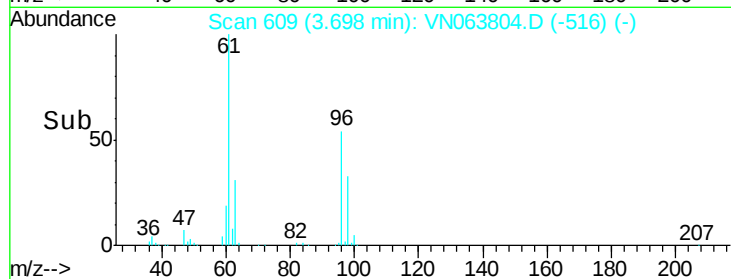
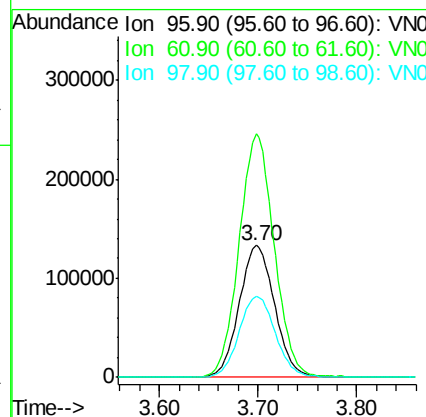
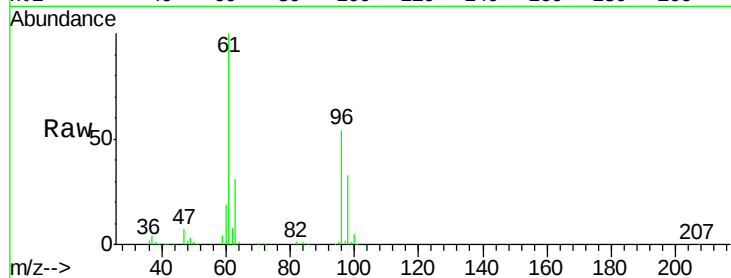
#12
 1,1-Dichloroethene
 Concen: 161.949 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
96	100		
61	184.5	147.7	221.5
98	61.1	51.9	77.9

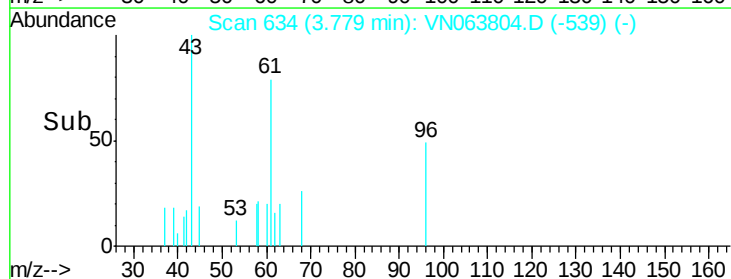
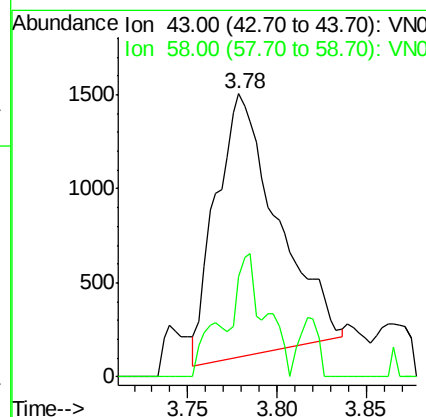
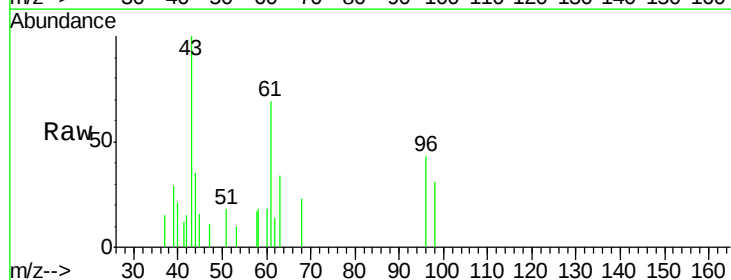
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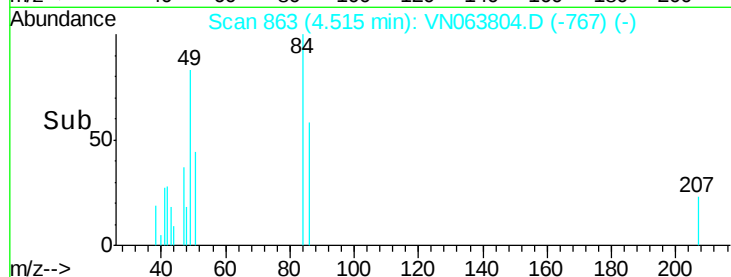
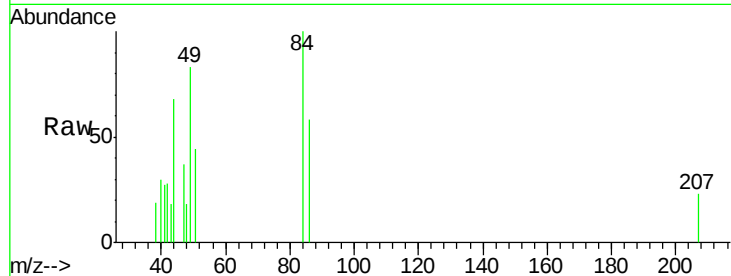
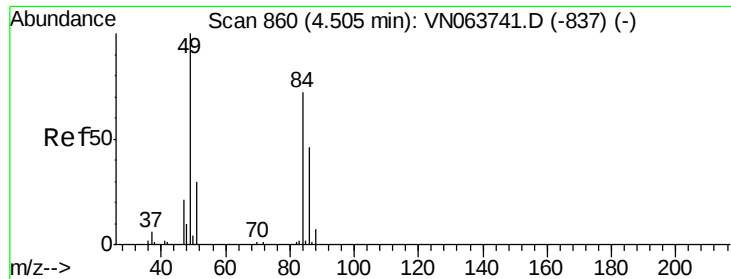
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#16
 Acetone
 Concen: 3.234 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.6	22.3	33.5#





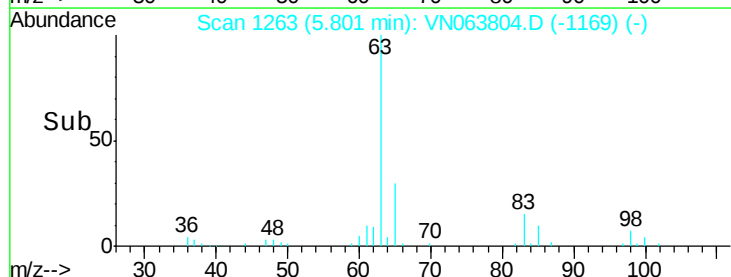
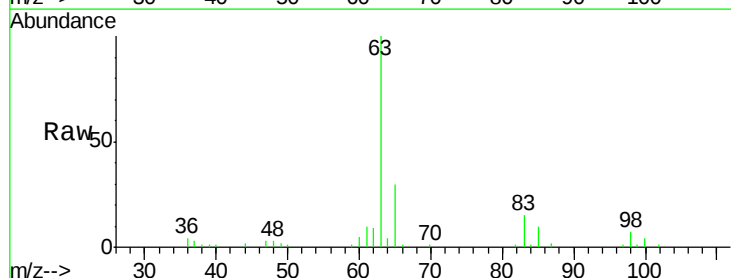
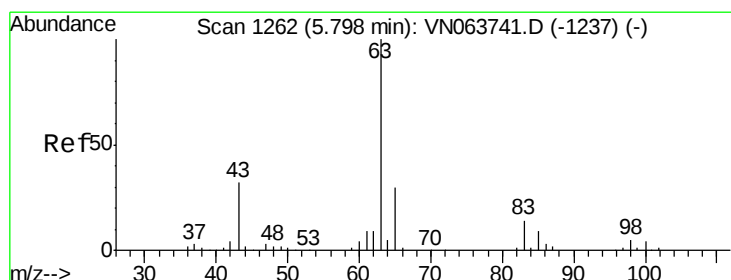
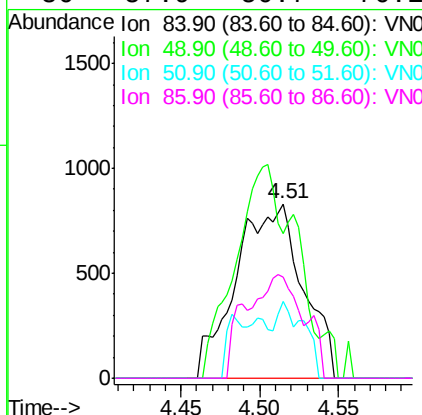
#20
Methvlene Chloride
Concen: 1.122 ug/l m
RT: 4.51 min Scan# 863
Delta R.T. 0.01 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tot Ion	Ratio	Lower	Upper
84	100		
49	82.9	110.4	165.6#
51	43.9	33.3	49.9
86	57.9	50.7	76.1

Instrument :
MSVOA_N
ClientSampled :
MW-1

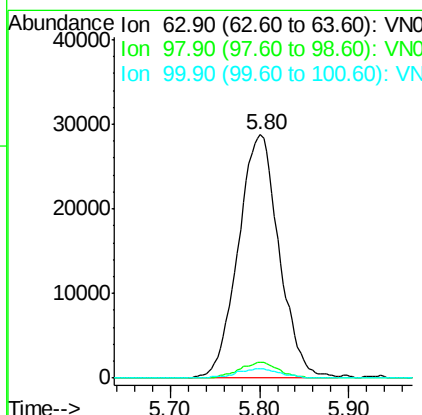
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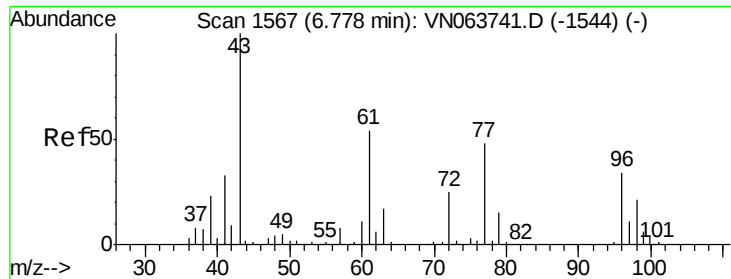
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#24
1,1-Dichloroethane
Concen: 20.378 ug/l
RT: 5.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	2.7	8.1
100	4.0	1.9	5.7





#27

cis-1,2-Dichloroethene

Concen: 19.122 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

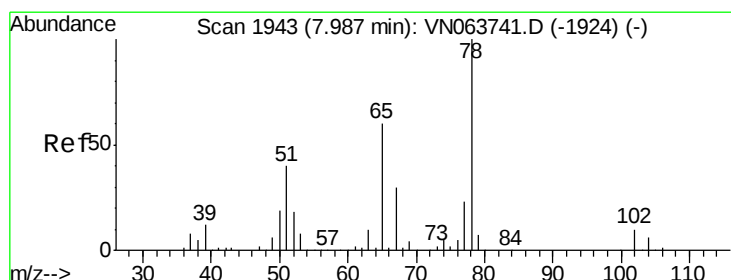
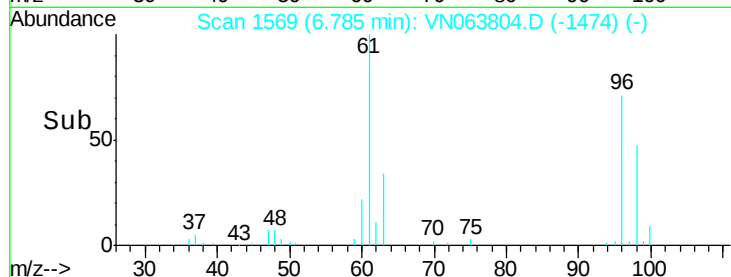
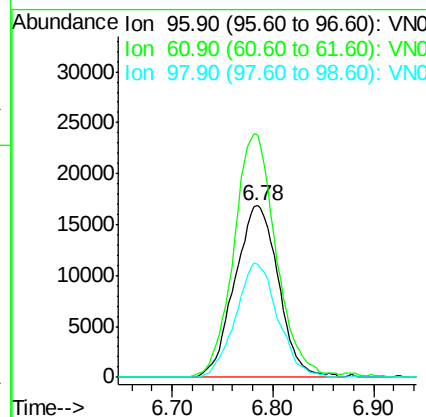
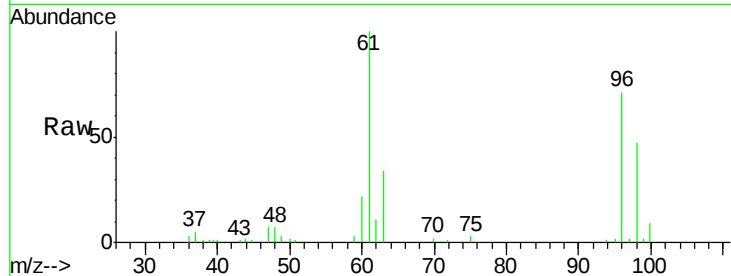
ClientSampled :

MW-1

Tot Ion:	96	Resp:	50645
Ion	Ratio	Lower	Upper
96	100		
61	137.6	0.0	321.2
98	64.5	0.0	124.4

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#33

1,2-Dichloroethane-d4

Concen: 53.477 ug/l

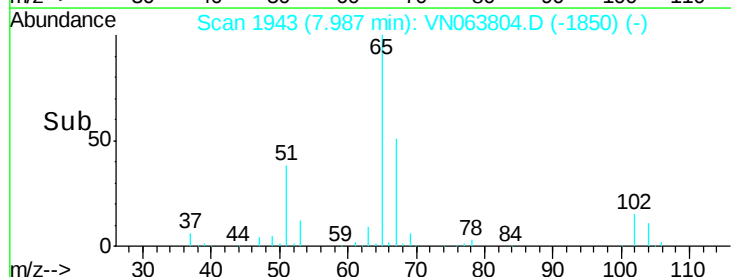
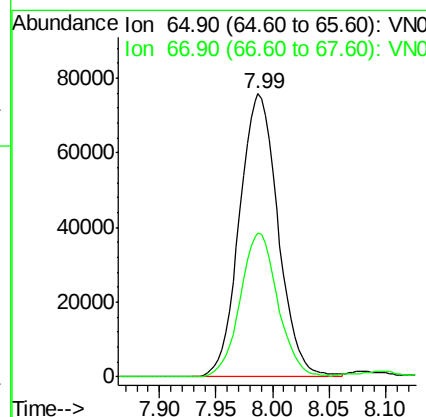
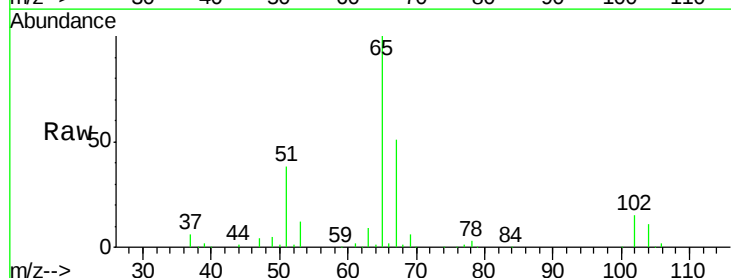
RT: 7.99 min Scan# 1943

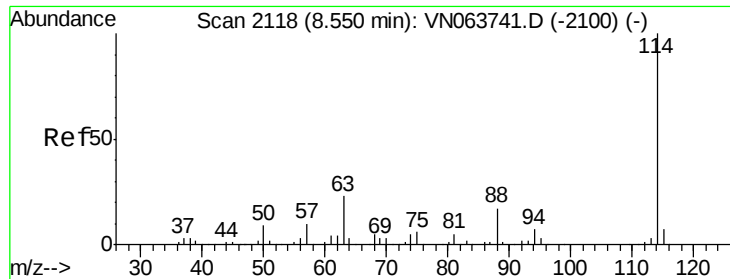
Delta R.T. 0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Tgt Ion:	65	Resp:	180381
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.6





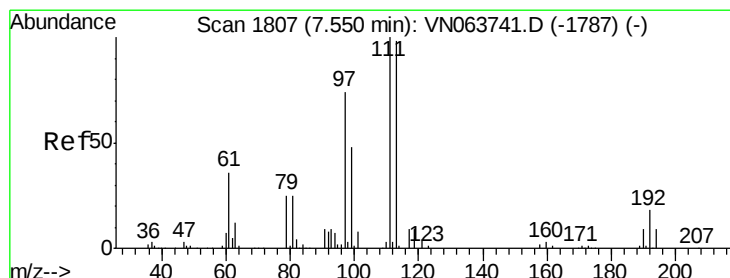
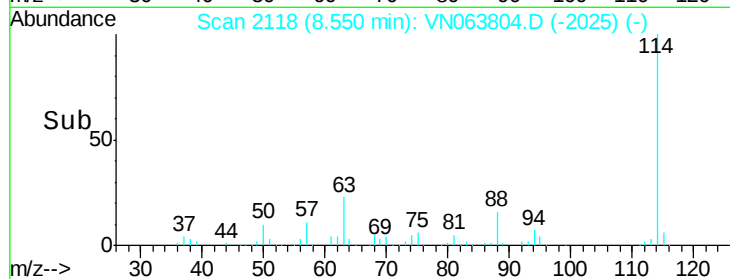
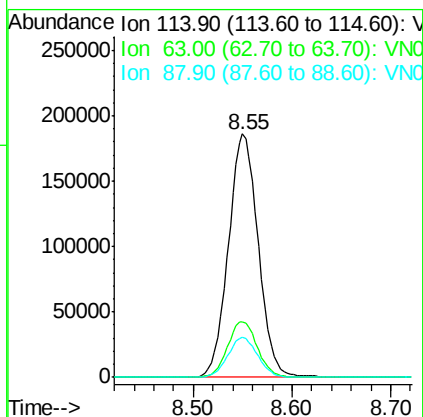
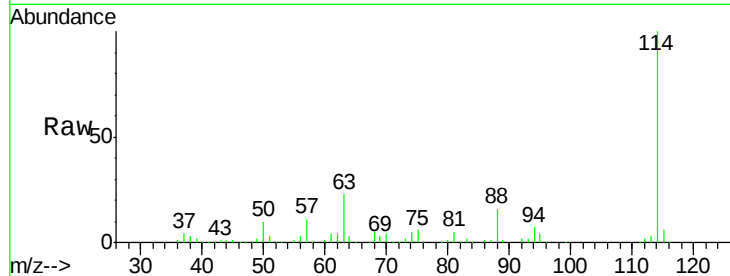
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	23.0	0.0	45.0
88	16.2	0.0	34.0

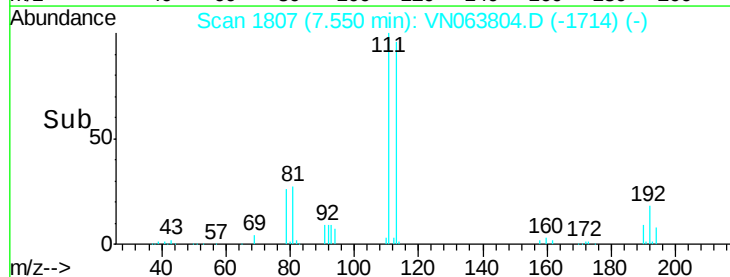
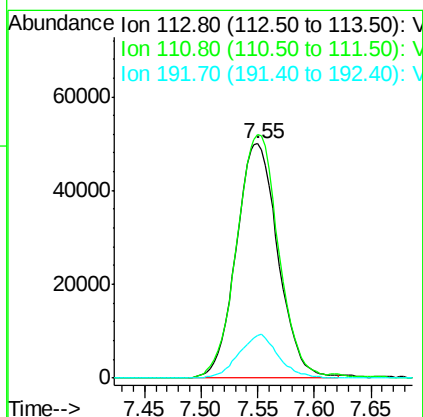
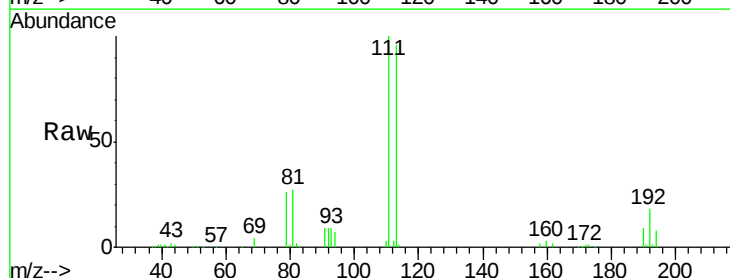
Manual Integrations
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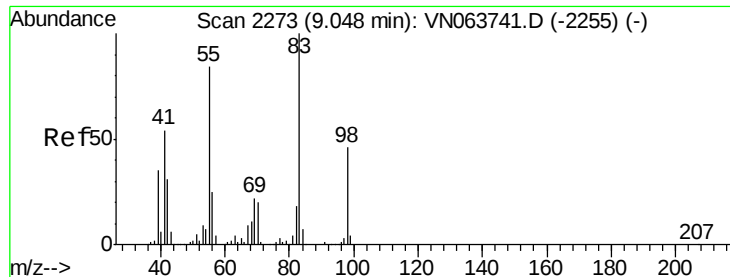
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#35
 Dibromofluoromethane
 Concen: 47.249 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063804.D
 Acq: 2 Oct 2020 5:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	103.8	81.8	122.8
192	17.6	14.2	21.2





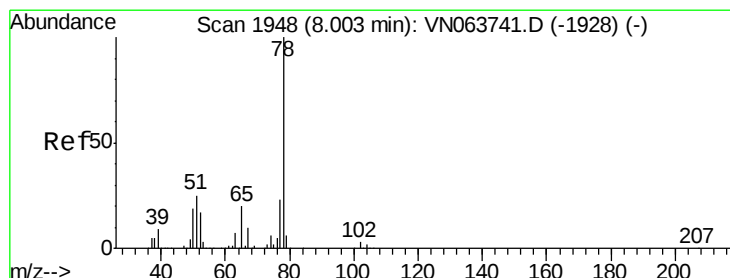
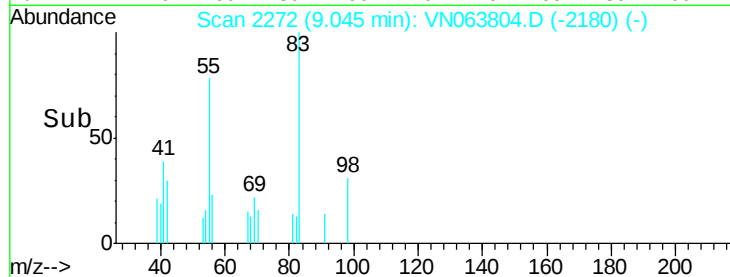
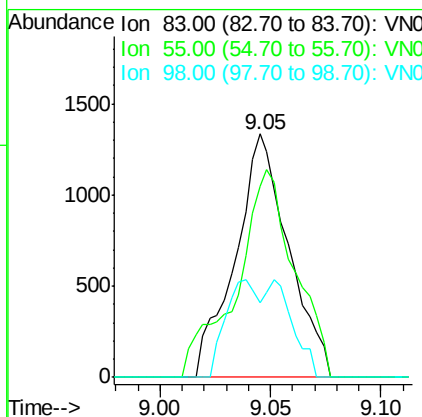
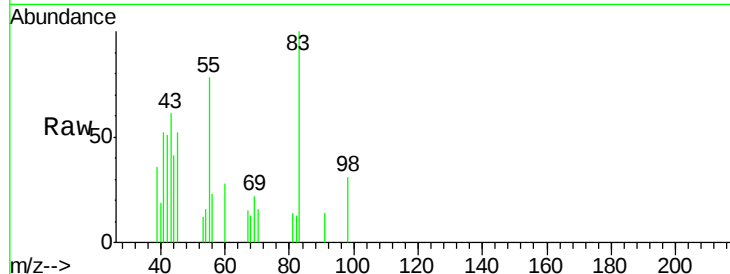
#39
Methvlcvclohexane
Concen: 0.565 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	67.1	100.7
98	30.8	36.6	54.8#

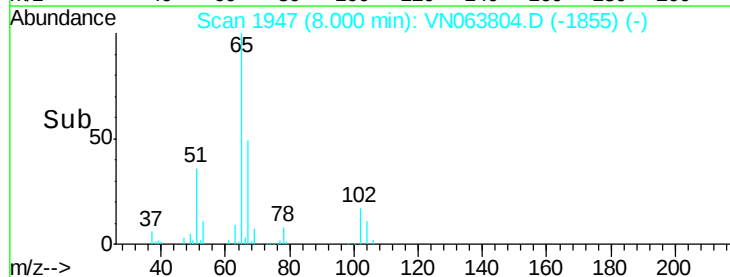
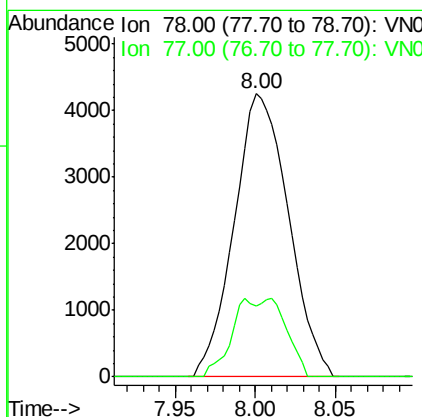
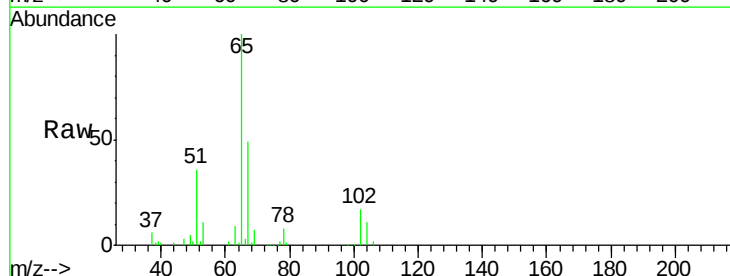
Manual Integrations
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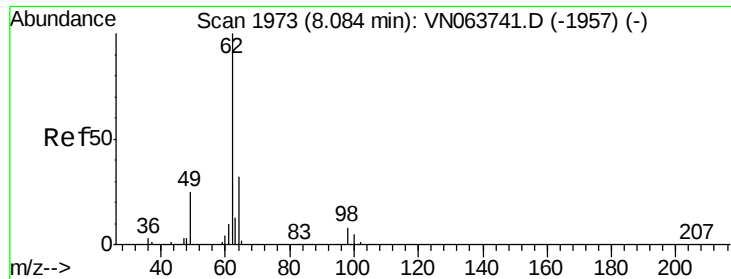
MMDadoda
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#40
Benzene
Concen: 0.869 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.7	28.1





#42

1,2-Dichloroethane

Concen: 8.085 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampled :

MW-1

Tot Ion: 62 Resp: 39218

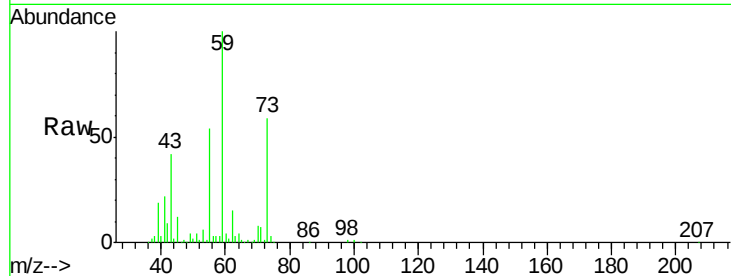
Ion Ratio Lower Upper

62 100

98 7.8 0.0 15.0

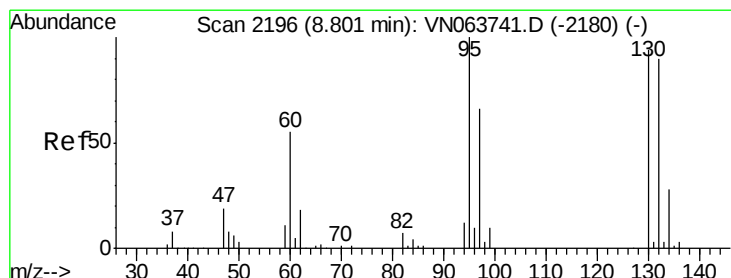
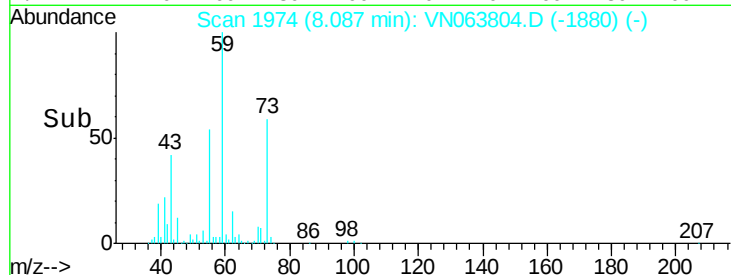
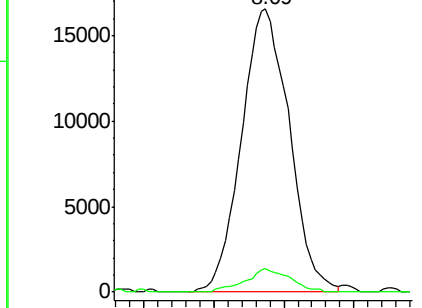
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Abundance Ion 61.90 (61.60 to 62.60): VN063741.D (-1957) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1957) (-)



#44

Trichloroethene

Concen: 0.713 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063804.D

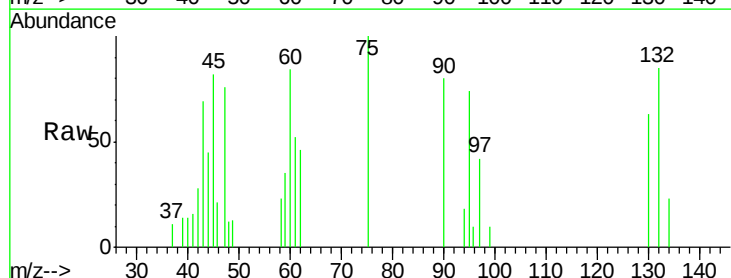
Acq: 2 Oct 2020 5:20

Tgt Ion: 130 Resp: 2123

Ion Ratio Lower Upper

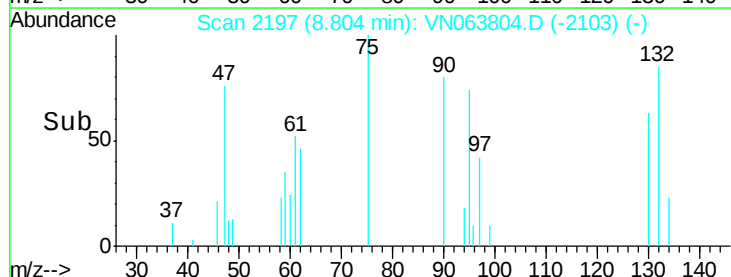
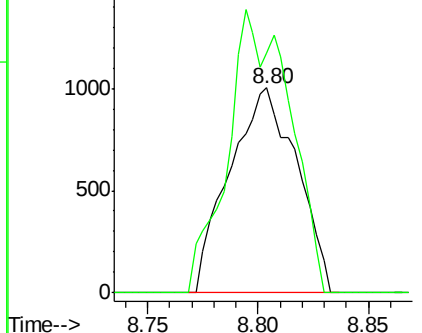
130 100

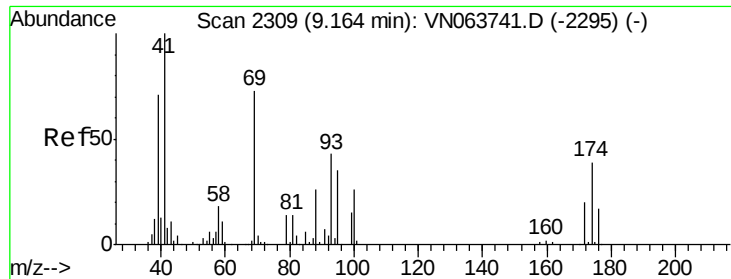
95 117.0 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)





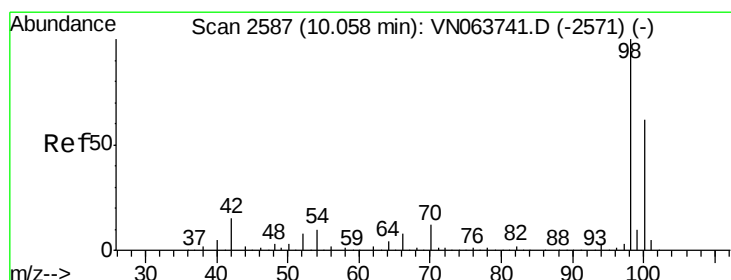
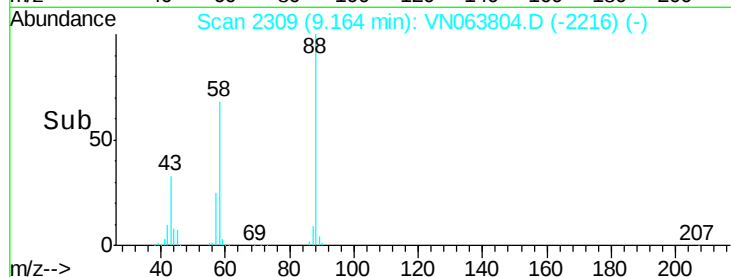
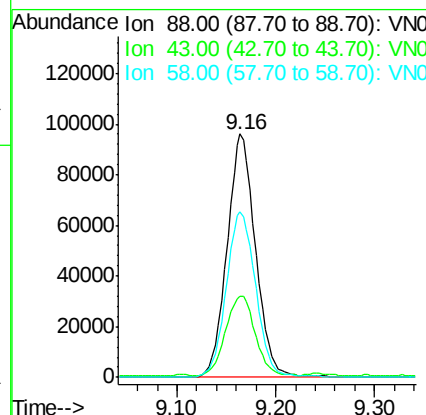
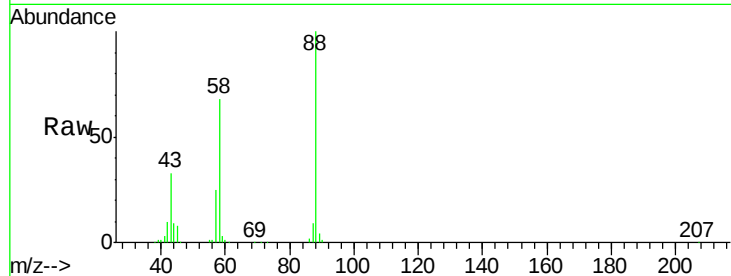
#49
1,4-Dioxane
Concen: 4239.087 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tot Ion	Ratio	Resp	Lower	Upper
88	100	194072		
43	33.6		33.1	49.7
58	70.7		58.9	88.3

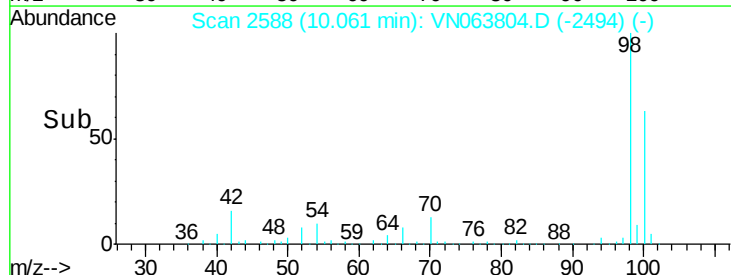
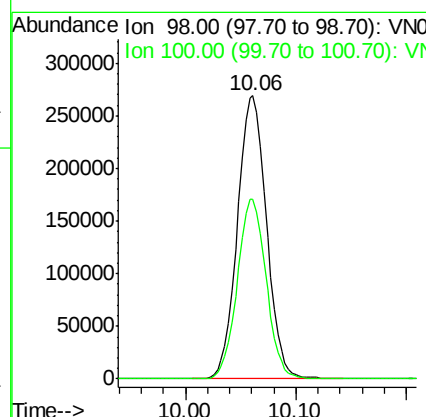
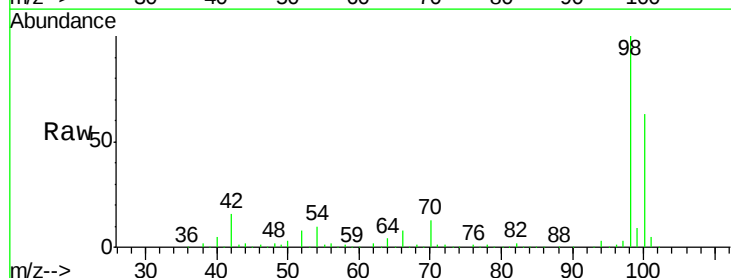
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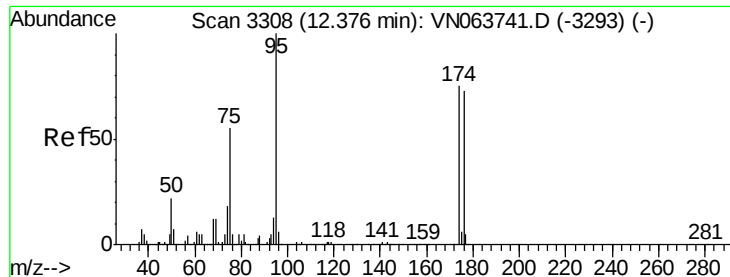
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#50
Toluene-d8
Concen: 47.647 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	492202		
100	63.1		49.8	74.6





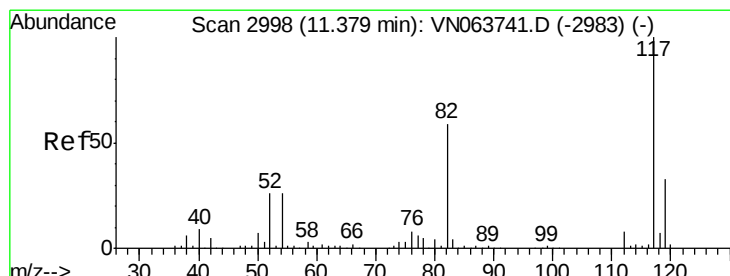
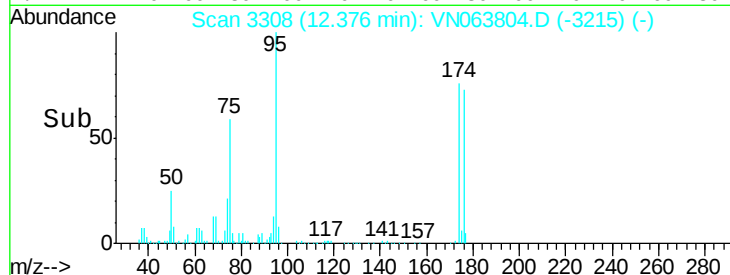
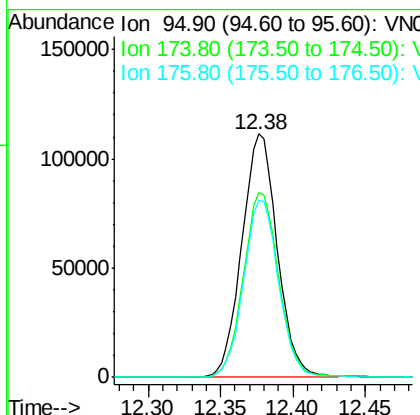
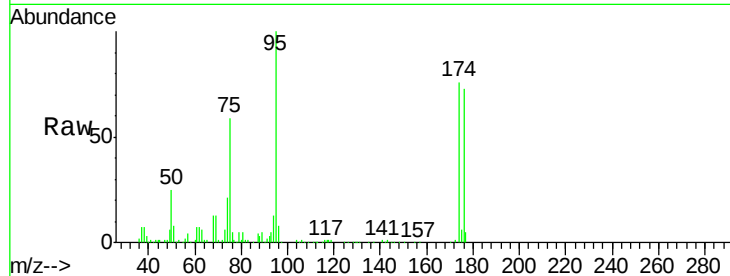
#62
4-Bromofluorobenzene
Concen: 48.842 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Instrument :
MSVOA_N
ClientSampled :
MW-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	189662		
174	76.5	0.0	150.6	
176	71.7	0.0	145.4	

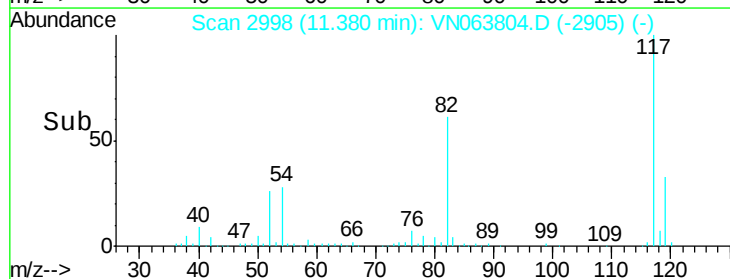
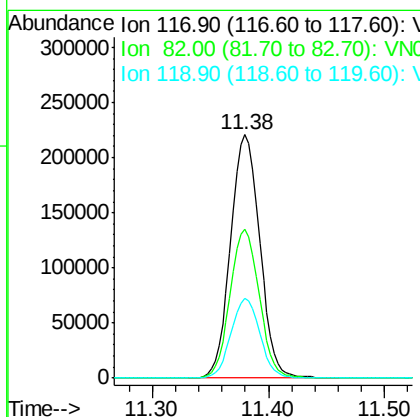
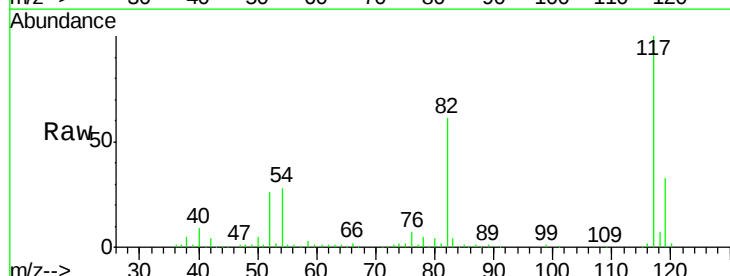
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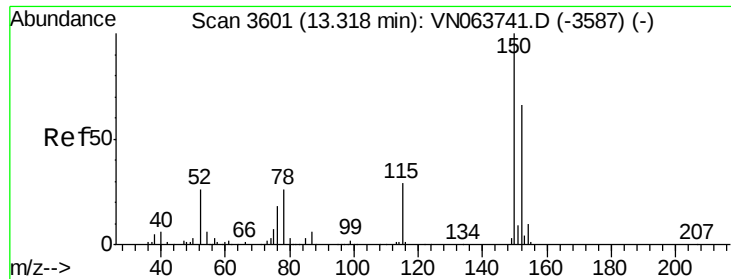
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063804.D
Acq: 2 Oct 2020 5:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	386050		
82	60.9	47.4	71.2	
119	32.6	26.4	39.6	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063804.D

Acq: 2 Oct 2020 5:20

Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tot Ion:152 Resp: 159801
Ion Ratio Lower Upper

152 100

115 64.0 31.3 93.8

150 162.4 0.0 341.8

Manual Integrations
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