

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062520\
 Data File : VN062117.D
 Acq On : 25 Jun 2020 17:41
 Operator : JC/MD
 Sample : L3071-02 20X
 Misc : 8.97g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7A

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:01:38 PM

Quant Time: Jul 02 18:03:49 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	252169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	158791	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
35) Dibromofluoromethane	7.55	113	136422	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
50) Toluene-d8	10.06	98	580391	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.38	95	212691	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
Target Compounds						
					Qvalue	
16) Acetone	3.75	43	40974	33.378	ug/l #	50
31) Cyclohexane	7.60	56	108283	22.148	ug/l #	55
39) Methylcyclohexane	9.05	83	110936	21.948	ug/l #	83
67) Ethyl Benzene	11.48	91	581852	34.915	ug/l	99
68) m/p-Xylenes	11.60	106	454407	70.498	ug/l	100
73) Isopropylbenzene	12.22	105	555686	34.570	ug/l	99
78) n-propylbenzene	12.56	91	1220087	66.358	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1050569	80.624	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	2994331	230.084	ug/l	98
85) sec-Butylbenzene	13.15	105	68411m	4.643	ug/l	
86) p-Isopropyltoluene	13.26	119	19998m	1.549	ug/l	
89) n-Butylbenzene	13.59	91	81545	7.598	ug/l #	73
95) Naphthalene	15.10	128	122039	15.340	ug/l	99

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

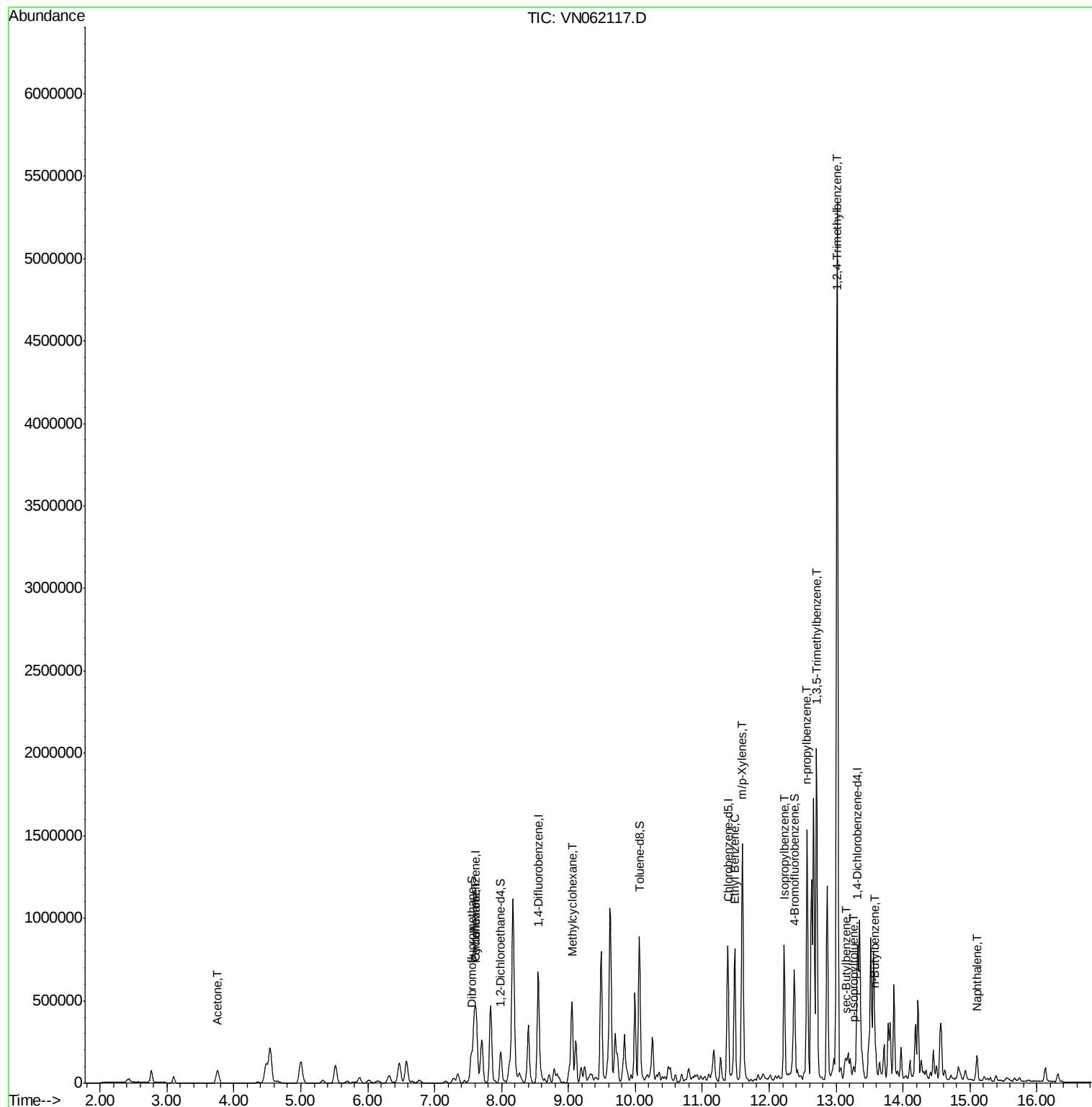
Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062520\
Data File : VN062117.D
Acq On : 25 Jun 2020 17:41
Operator : JC/MD
Sample : L3071-02 20X
Misc : 8.97a/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW-7A

Manual Integrations
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Quant Time: Jul 02 18:03:49 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

TW-7A

Tot Ion:168 Resp: 252169

Ion Ratio Lower Upper

168 100

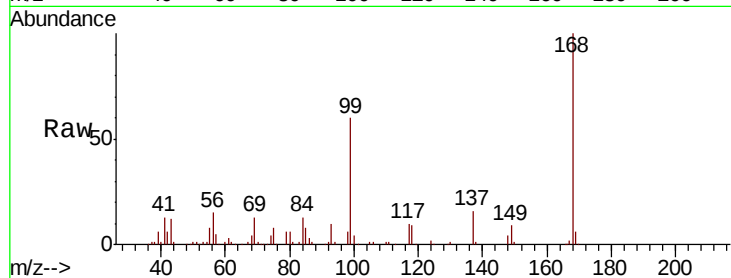
99 59.9 45.8 68.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

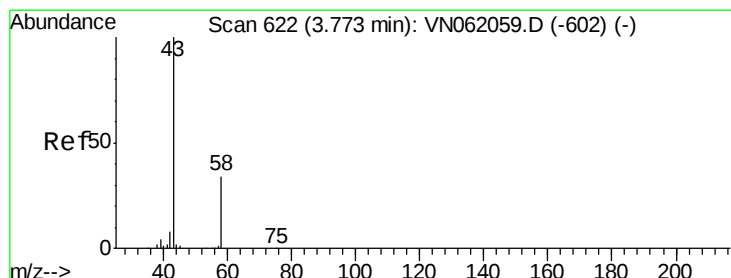
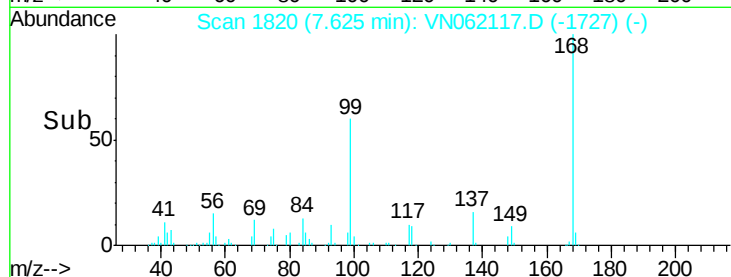
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 33.378 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.02 min

Lab File: VN062117.D

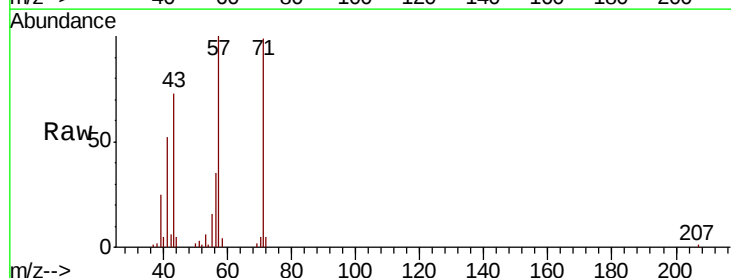
Acq: 25 Jun 2020 17:41

Tgt Ion: 43 Resp: 40974

Ion Ratio Lower Upper

43 100

58 5.8 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

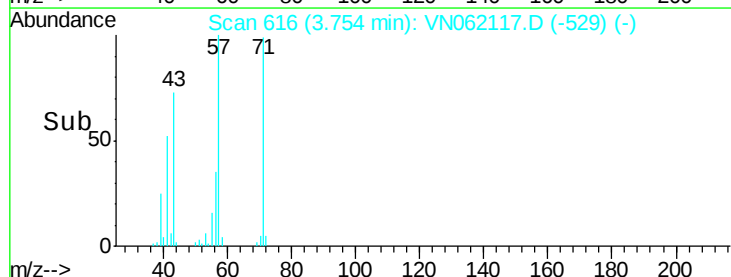
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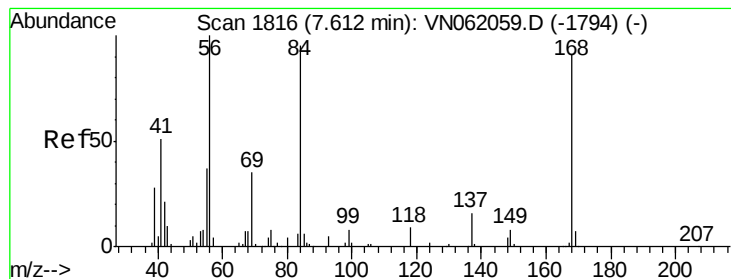
10000

5000

0

Time--> 3.70 3.75 3.80





#31

Cyclohexane

Concen: 22.148 ug/l

RT: 7.60 min Scan# 1811

Delta R.T. -0.02 min

Lab File: VN062117.D

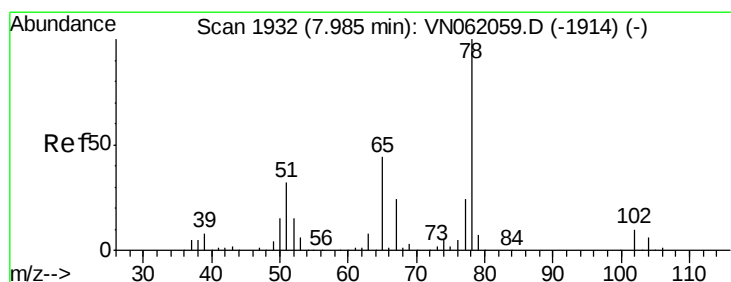
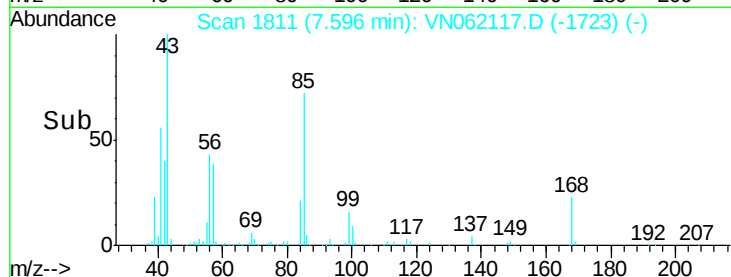
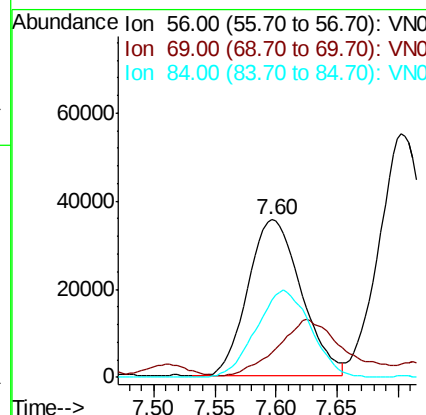
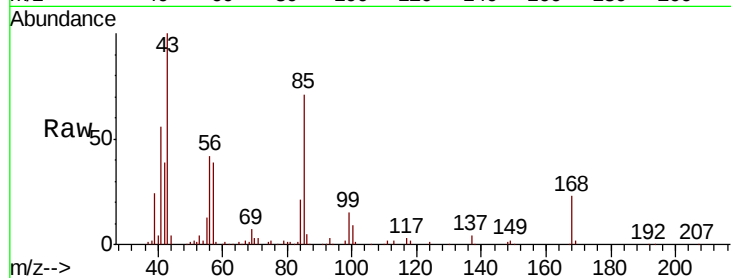
Acq: 25 Jun 2020 17:41

Instrument :
MSVOA_N
ClientSampled :
TW-7A

Tot Ion	Ratio	Lower	Upper
56	100		
69	11.7	28.0	42.0#
84	49.6	76.1	114.1#

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#33

1,2-Dichloroethane-d4

Concen: 44.872 ug/l

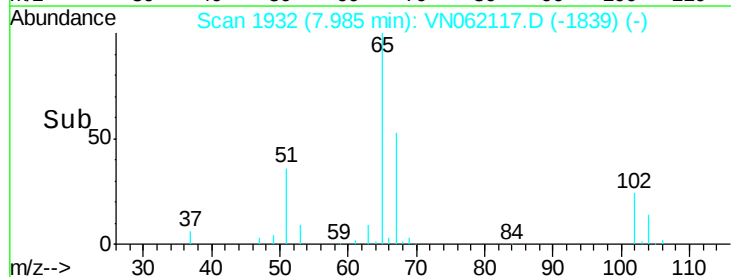
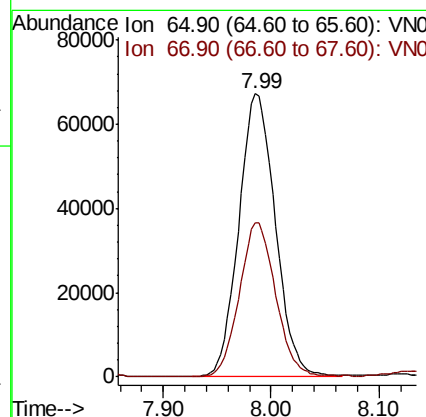
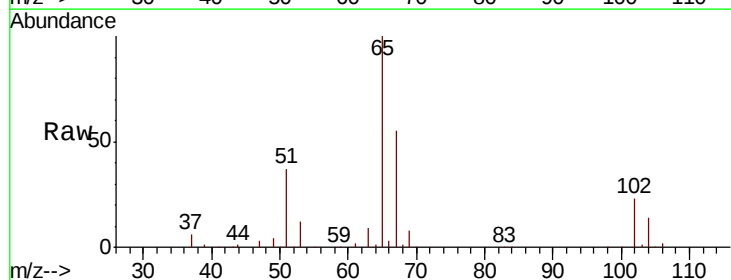
RT: 7.99 min Scan# 1932

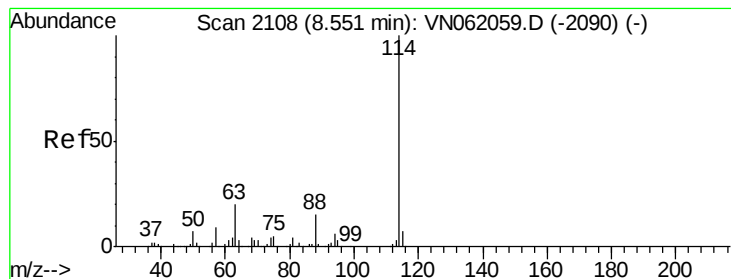
Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

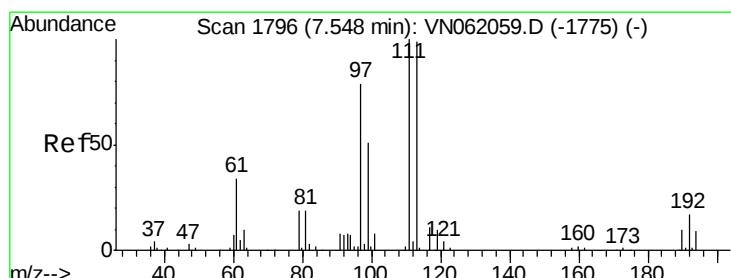
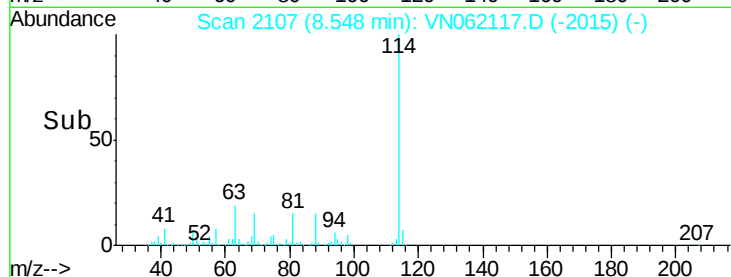
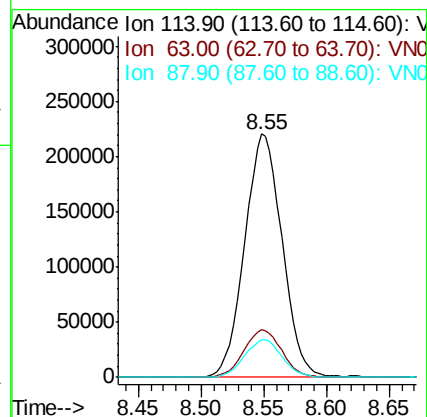
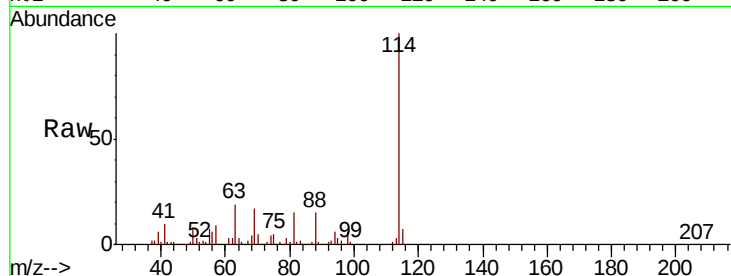
ClientSampled :

TW-7A

Tot Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	39.2	
88	15.4	0.0	30.8	

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#35

Dibromofluoromethane

Concen: 46.333 ug/l

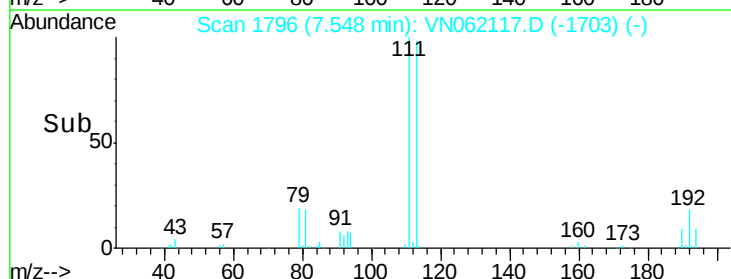
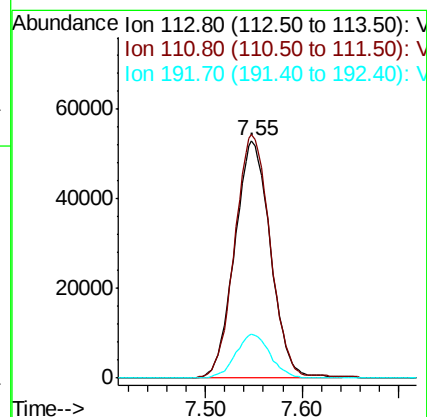
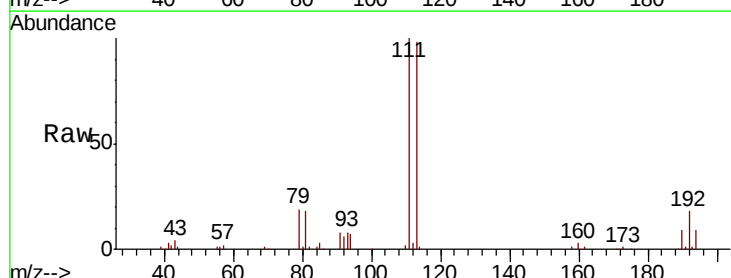
RT: 7.55 min Scan# 1796

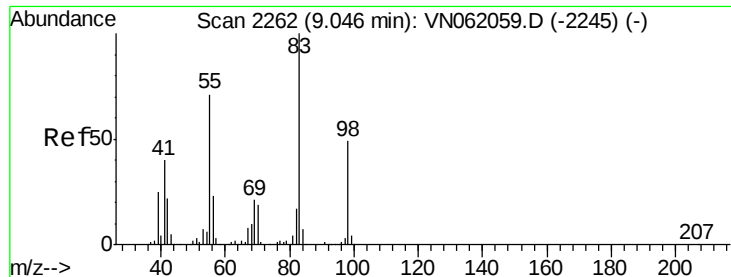
Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.2	82.2	123.4	
192	17.8	14.0	21.0	





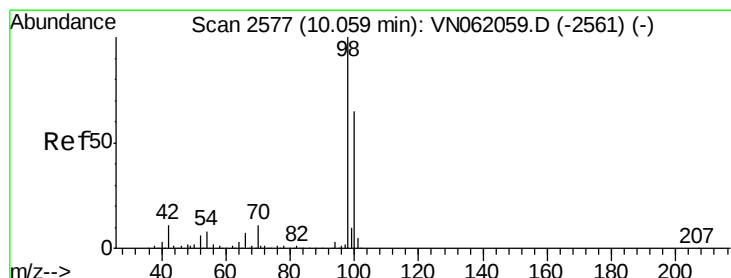
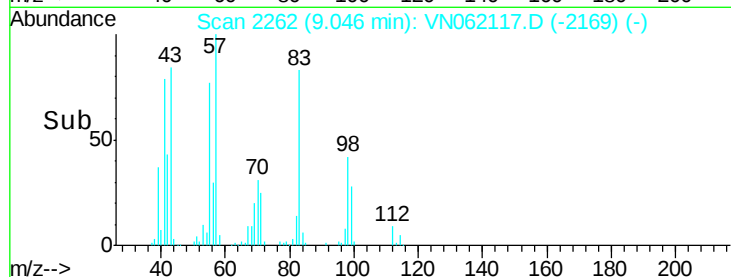
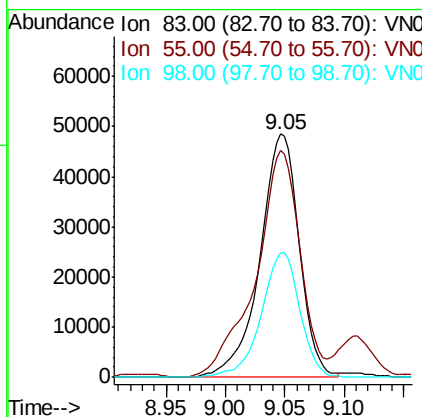
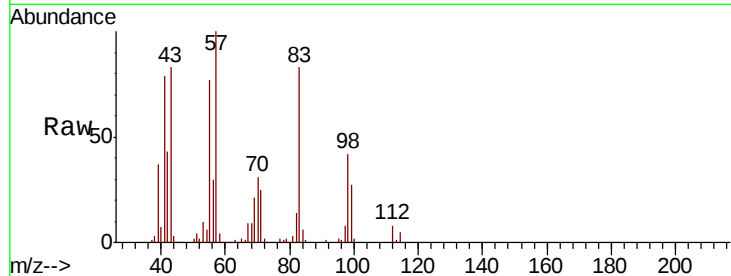
#39
Methvlcvclohexane
Concen: 21.948 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Instrument :
MSVOA_N
ClientSampled :
TW-7A

Tot Ion	Ratio	Lower	Upper
83	100		
55	92.8	57.0	85.6#
98	51.0	39.0	58.6

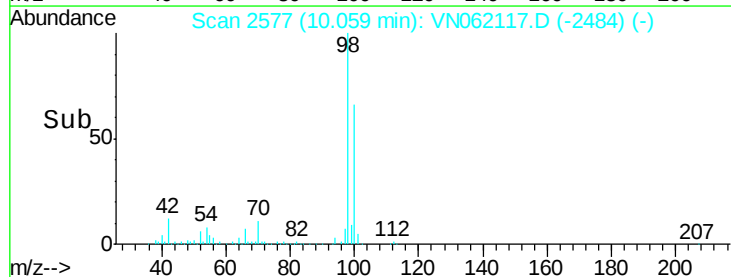
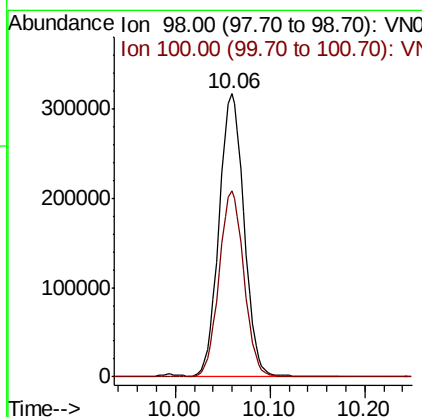
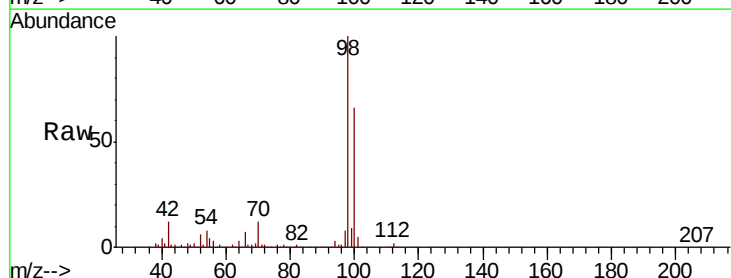
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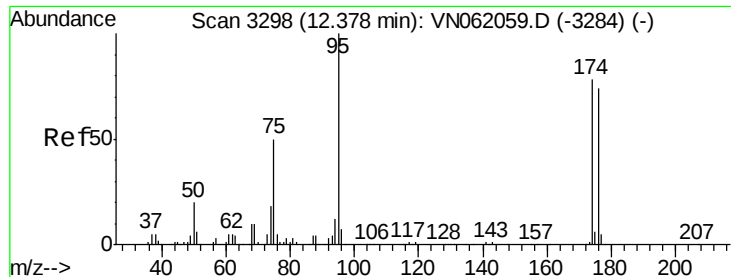
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#50
Toluene-d8
Concen: 49.313 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.2	76.8





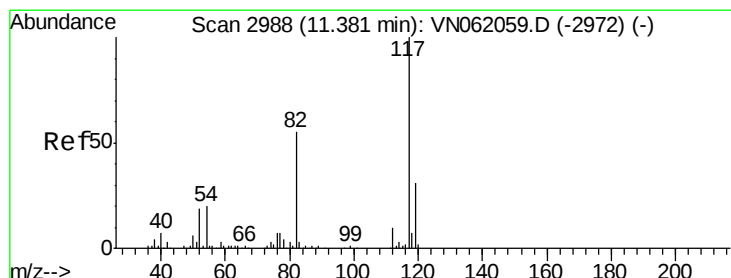
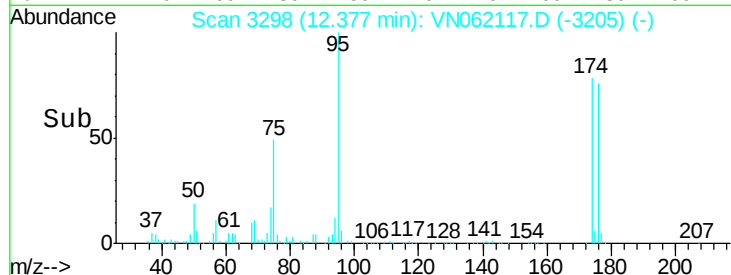
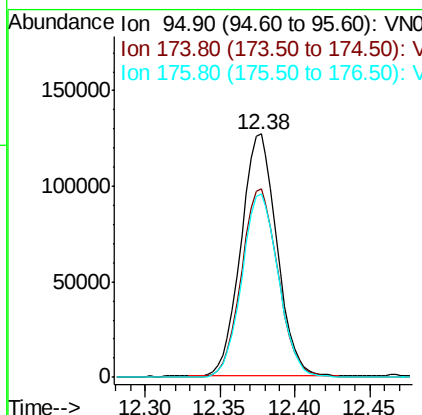
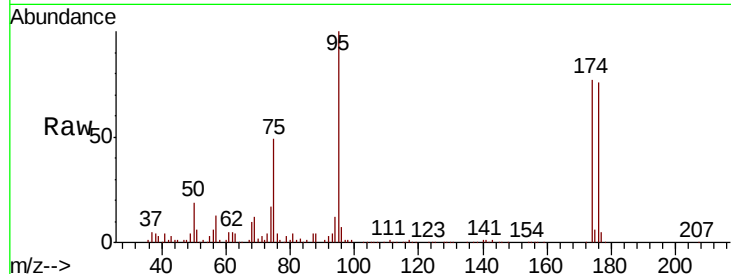
#62
4-Bromofluorobenzene
Concen: 53.488 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Instrument :
MSVOA_N
ClientSampleId :
TW-7A

Tot Ion	Ratio	Resp	Lower	Upper
95	100	212691		
174	79.5	0.0	154.8	
176	76.9	0.0	147.4	

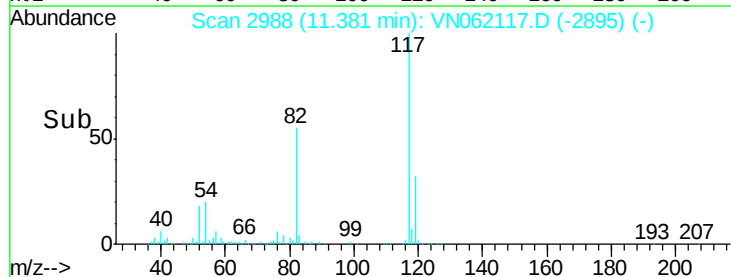
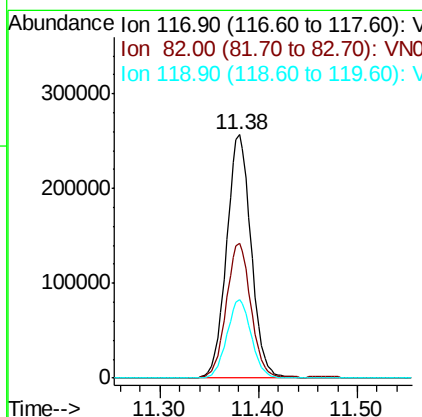
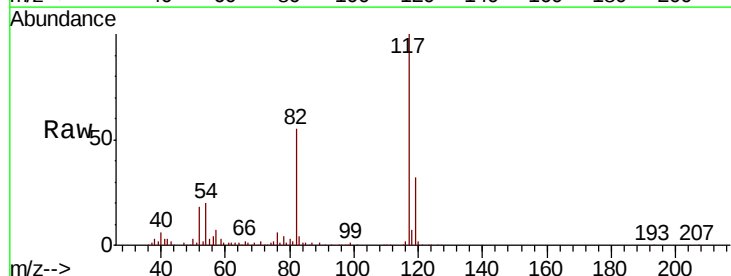
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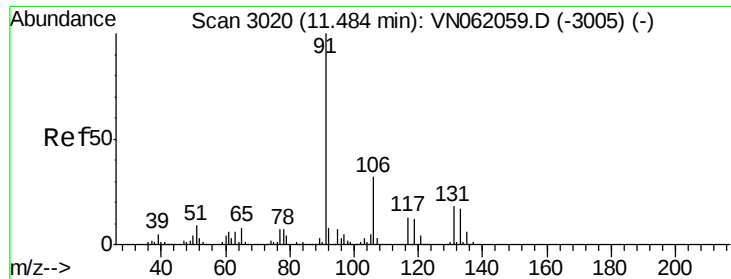
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	449335		
82	55.0	43.8	65.8	
119	32.1	25.2	37.8	





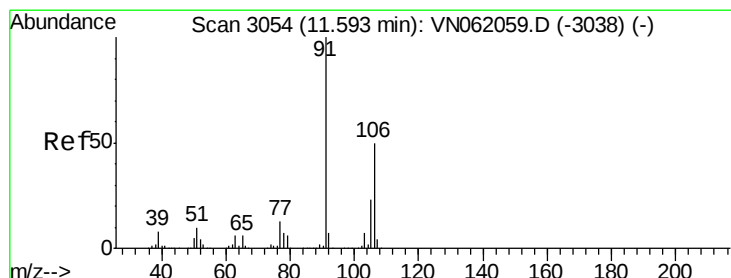
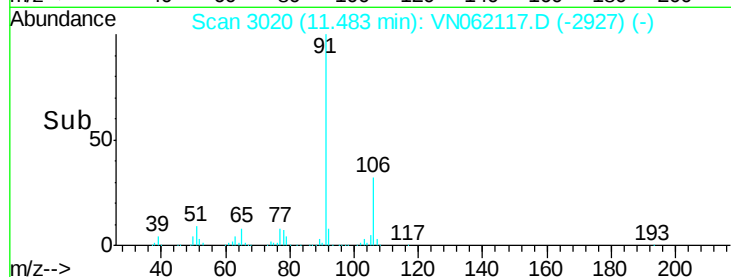
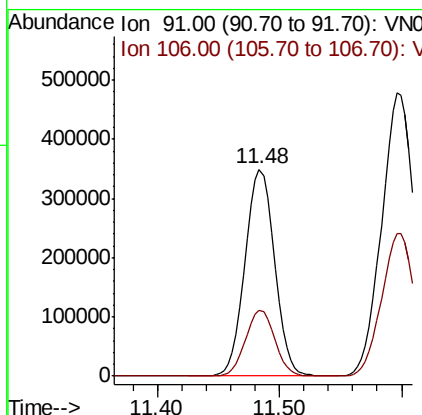
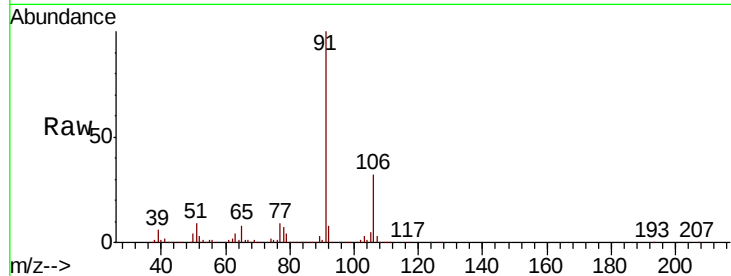
#67
Ethyl Benzene
Concen: 34.915 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Instrument :
MSVOA_N
ClientSampled :
TW-7A

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.3	37.9

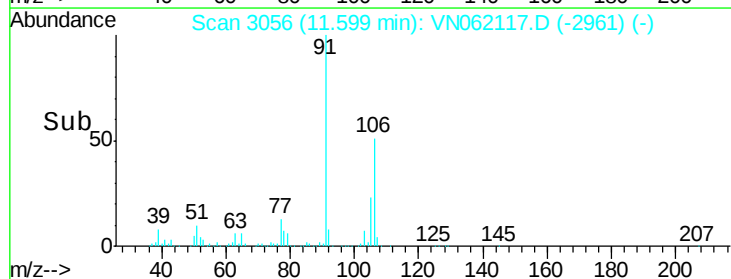
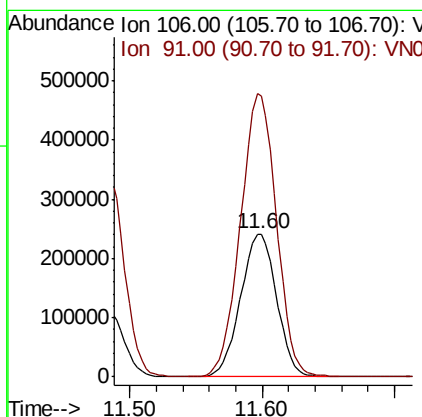
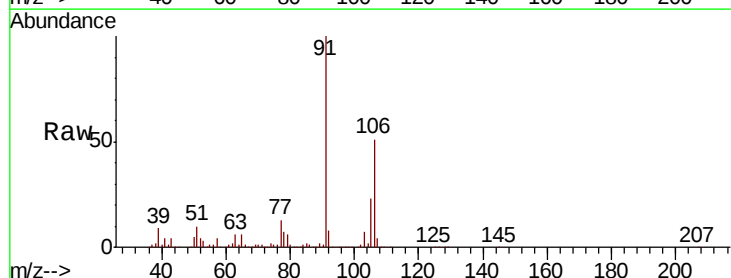
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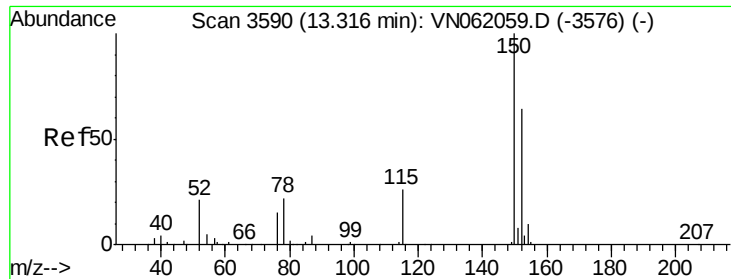
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#68
m/p-Xylenes
Concen: 70.498 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.01 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.0	157.8	236.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

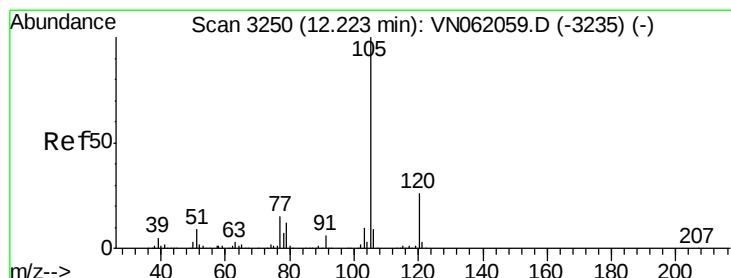
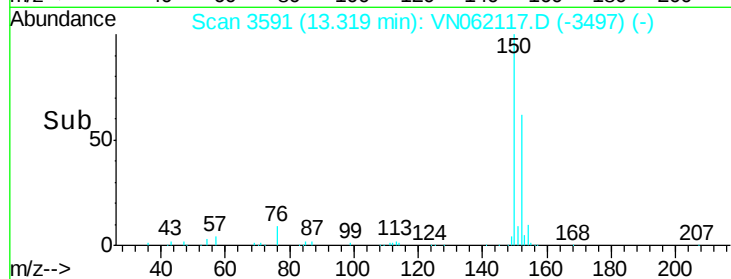
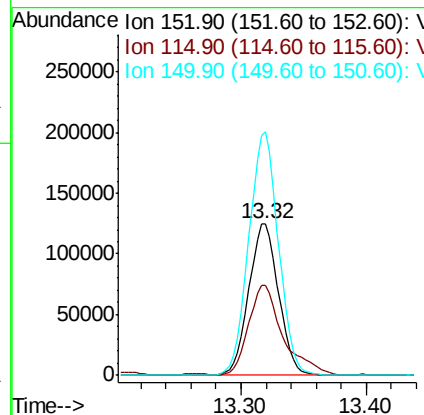
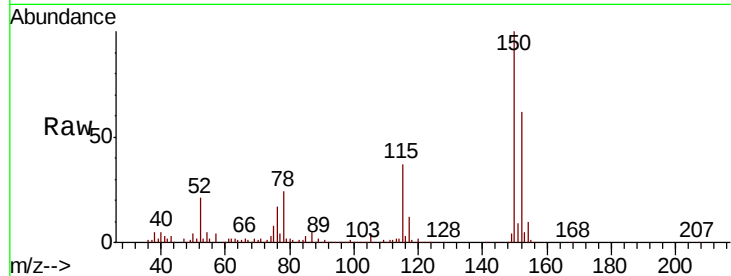
ClientSampled :

TW-7A

Tot Ion:	152	Resp:	207653
Ion Ratio	Lower	Upper	
152	100		
115	67.2	29.5	88.5
150	159.0	0.0	351.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 34.570 ug/l

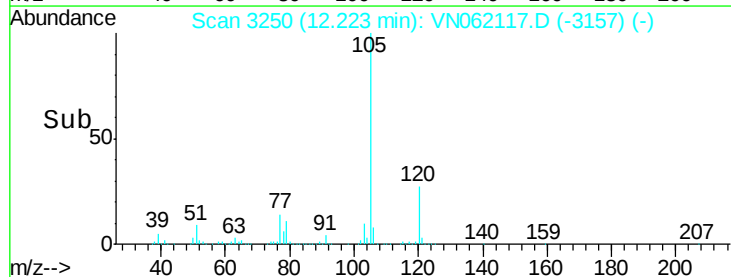
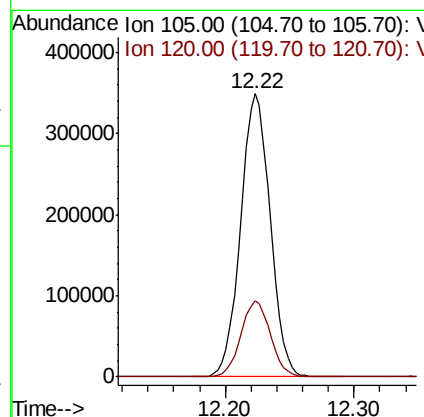
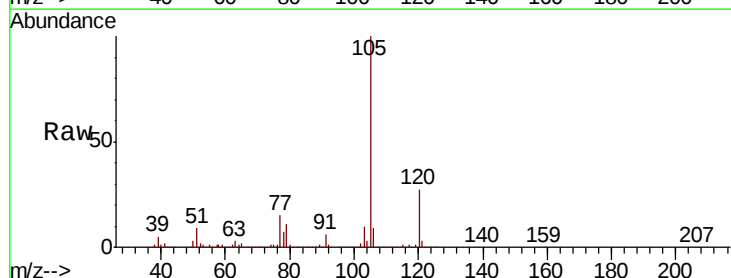
RT: 12.22 min Scan# 3250

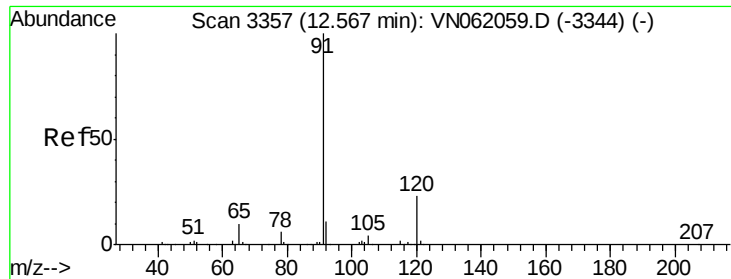
Delta R.T. -0.00 min

Lab File: VN062117.D

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Tgt Ion:	105	Resp:	555686
Ion Ratio	Lower	Upper	
105	100		
120	26.8	13.2	39.6





#78

n-propylbenzene

Concen: 66.358 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampled :

TW-7A

Tot Ion: 91 Resp: 1220087

Ion Ratio Lower Upper

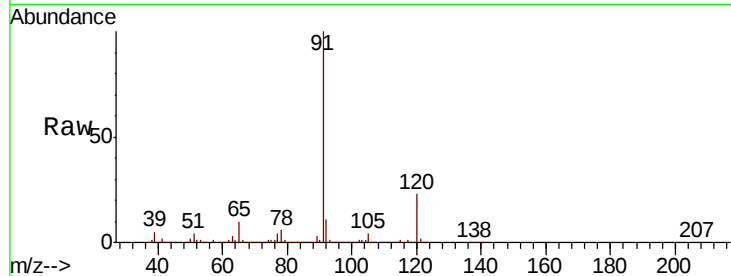
91 100

120 22.9 11.4 34.1

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Abundance Ion 91.00 (90.70 to 91.70): VN062117.D (-3264) (-)

Ion 120.00 (119.70 to 120.70): VN062117.D (-3264) (-)

800000

600000

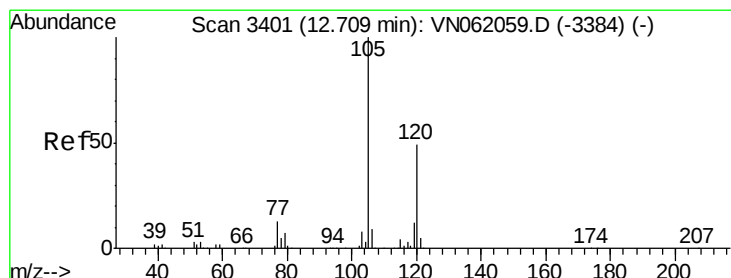
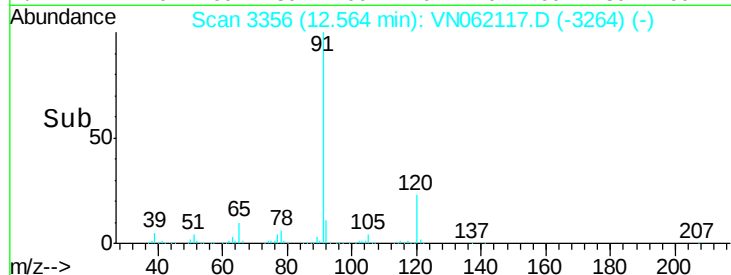
400000

200000

0

12.50 12.55 12.60

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 80.624 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062117.D

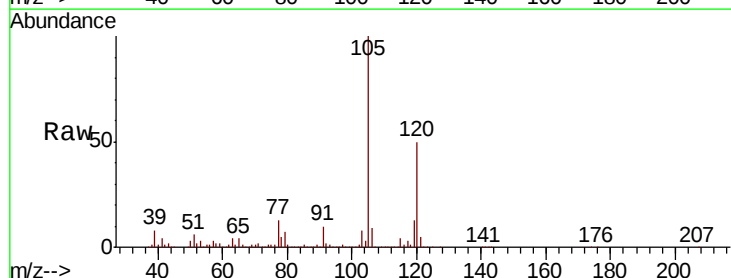
Acq: 25 Jun 2020 17:41

Tgt Ion: 105 Resp: 1050569

Ion Ratio Lower Upper

105 100

120 50.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062117.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN062117.D (-3308) (-)

800000

600000

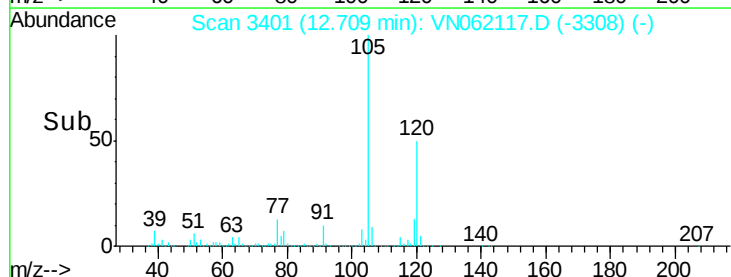
400000

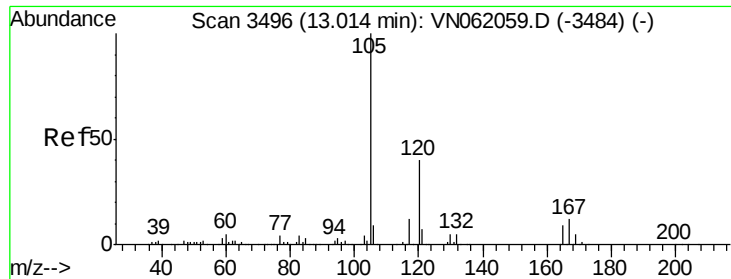
200000

0

12.70 12.80

Time-->





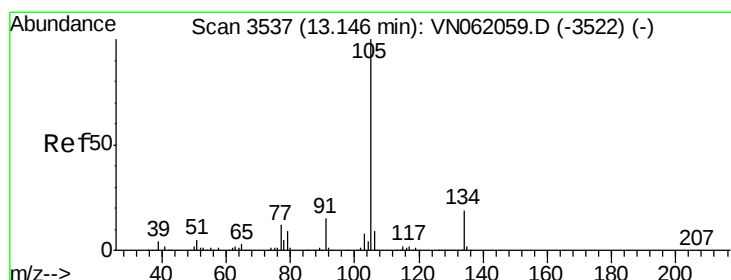
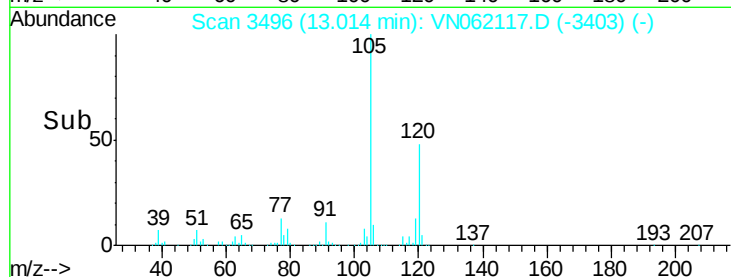
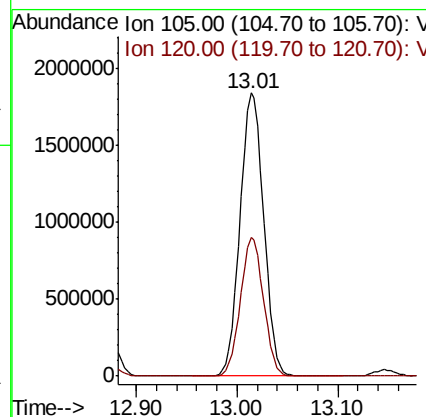
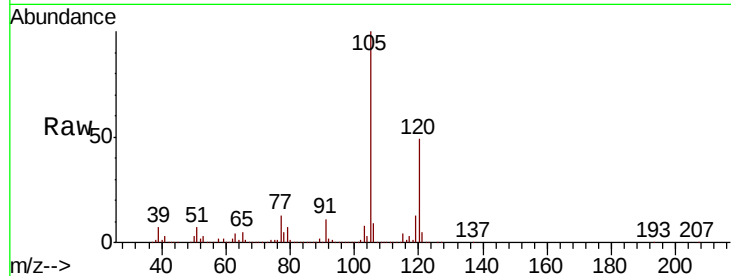
#84
1,2,4-Trimethylbenzene
Concen: 230.084 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Instrument :
MSVOA_N
ClientSampleId :
TW-7A

Tot Ion:105 Resp: 2994331
Ion Ratio Lower Upper
105 100
120 47.7 23.2 69.5

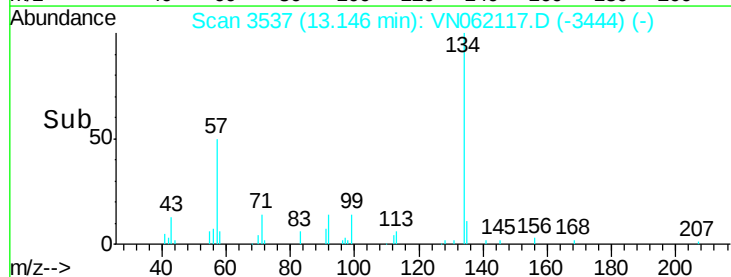
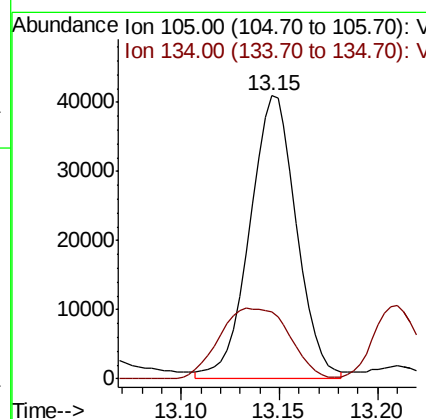
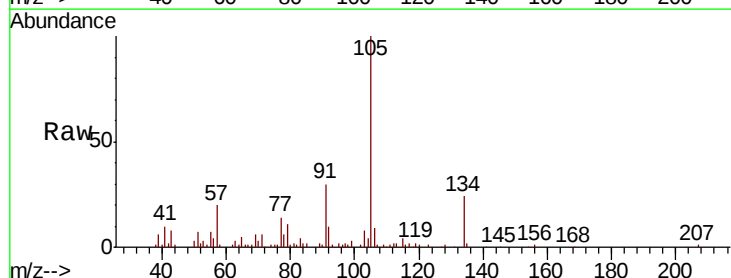
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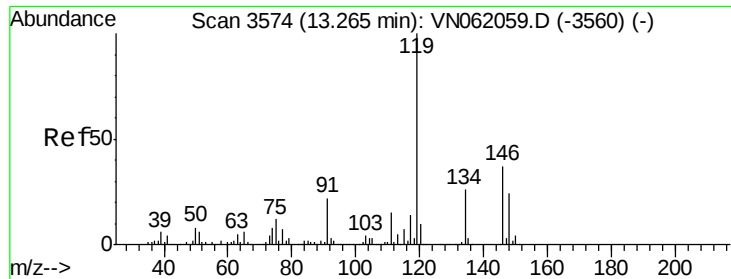
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#85
sec-Butylbenzene
Concen: 4.643 ug/l m
RT: 13.15 min Scan# 3537
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Tgt Ion:105 Resp: 68411
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 1.549 ug/l m

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Instrument :

MSVOA_N

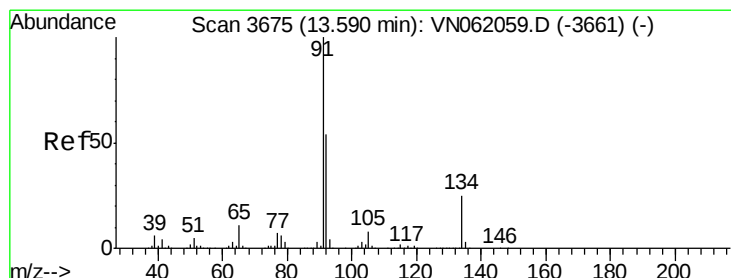
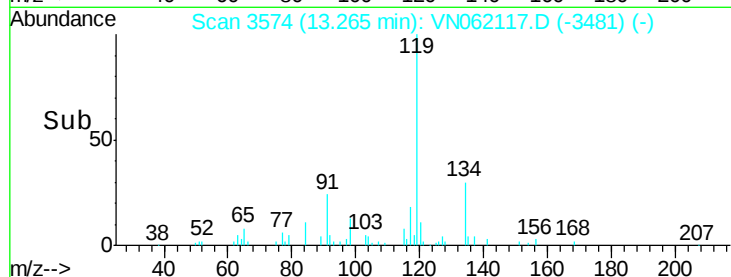
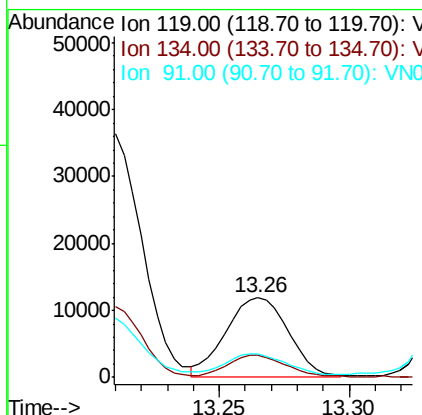
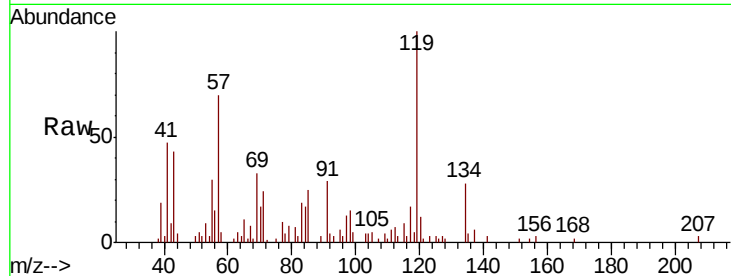
ClientSampled :

TW-7A

Tot Ion:	119	Resp:	19998
Ion Ratio	Lower	Upper	
119	100		
134	82.9	13.0	39.0#
91	63.8	11.3	33.8#

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#89

n-Butylbenzene

Concen: 7.598 ug/l

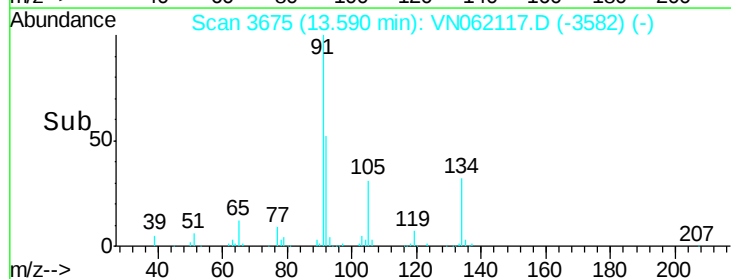
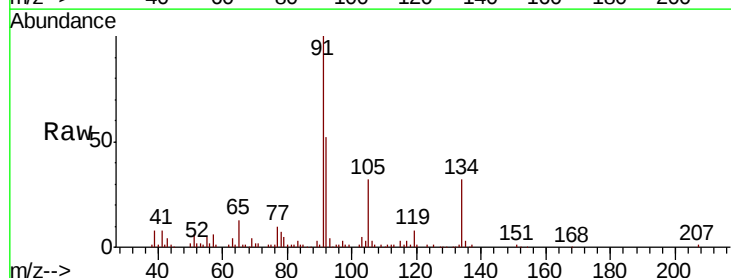
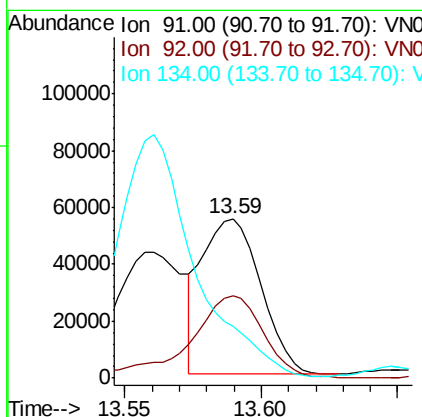
RT: 13.59 min Scan# 3675

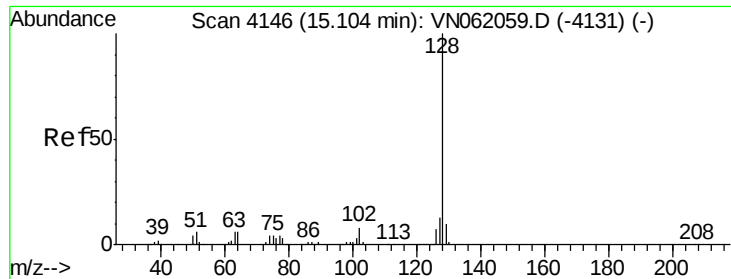
Delta R.T. -0.00 min

Lab File: VN062117.D

Acq: 25 Jun 2020 17:41

Tgt Ion:	91	Resp:	81545
Ion Ratio	Lower	Upper	
91	100		
92	65.1	26.6	79.7
134	0.0	12.3	36.9#





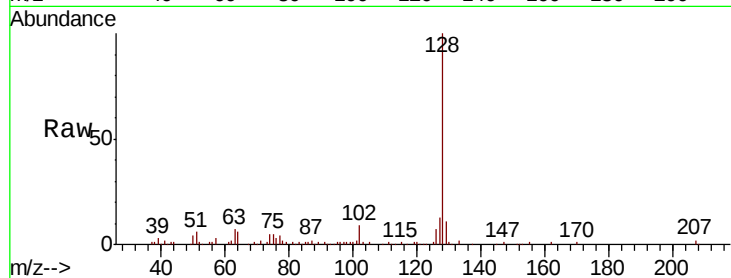
#95
Naphthalene
Concen: 15.340 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062117.D
Acq: 25 Jun 2020 17:41

Instrument :
MSVOA_N
ClientSampleId :
TW-7A

Tot Ion	Ratio	Resp	Lower	Upper
128	100	122039		
127	12.5		10.5	15.7
129	10.4		8.6	13.0

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

