

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062520\
 Data File : VN062116.D
 Acq On : 25 Jun 2020 17:17
 Operator : JC/MD
 Sample : L3071-01
 Misc : 4.76g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 7:01:19 PM

Quant Time: Jul 02 18:02:45 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	227867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	396740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176340	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	146630	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
35) Dibromofluoromethane	7.54	113	121979	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
50) Toluene-d8	10.06	98	525589	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.38	95	183942	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.28	43	4406	1.733	ug/l #	78
39) Methylcyclohexane	9.04	83	40434	8.816	ug/l #	1
73) Isopropylbenzene	12.22	105	37296	2.732	ug/l	99
78) n-propylbenzene	12.57	91	79632	5.100	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	85530	7.729	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	336783	30.474	ug/l	100
85) sec-Butylbenzene	13.15	105	28695	2.293	ug/l #	44
86) p-Isopropyltoluene	13.26	119	10376m	0.946	ug/l	
89) n-Butylbenzene	13.59	91	30998	3.401	ug/l #	63
95) Naphthalene	15.10	128	12280	5.339	ug/l #	79

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

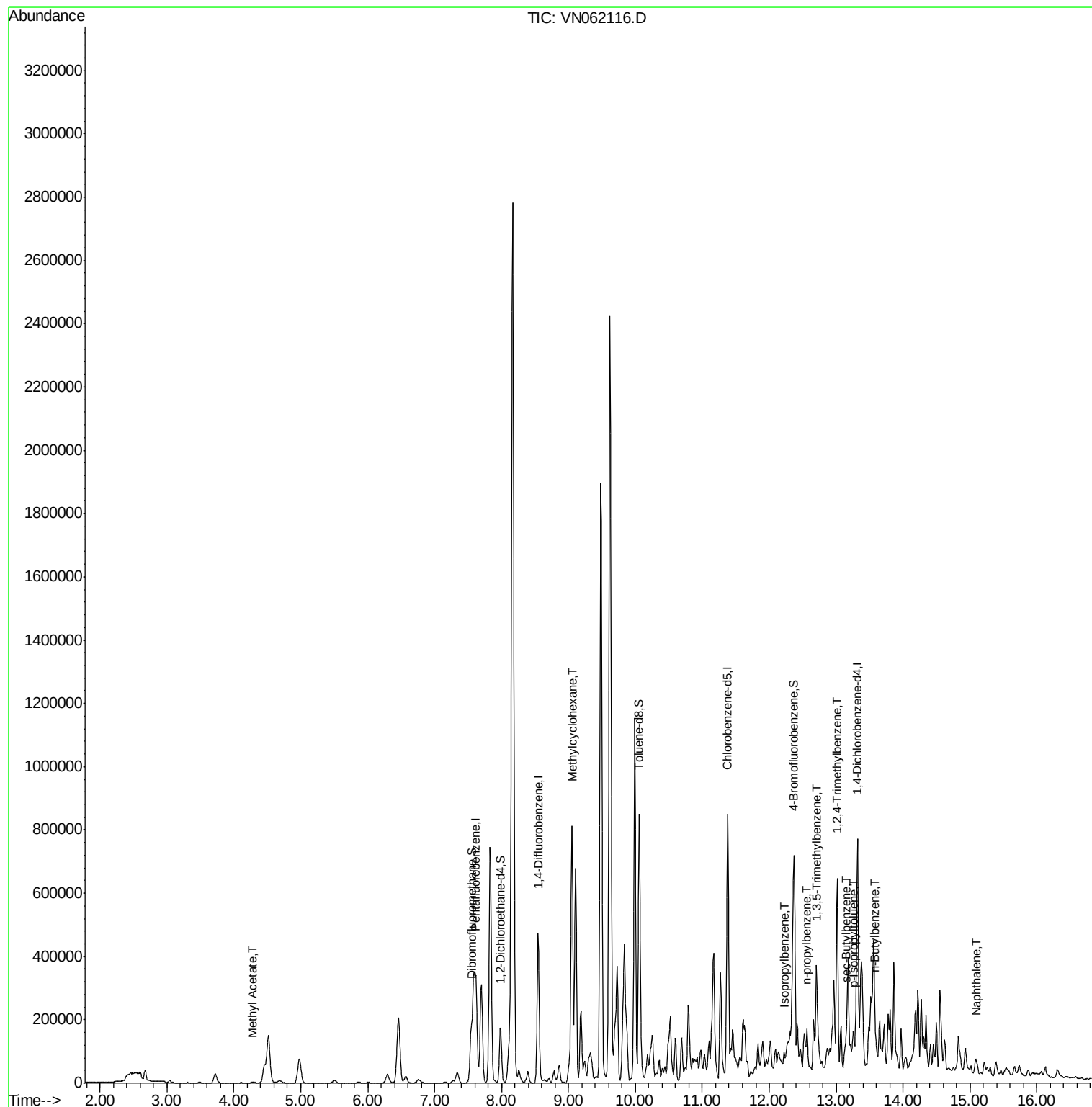
Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062520\
Data File : VN062116.D
Acq On : 25 Jun 2020 17:17
Operator : JC/MD
Sample : L3071-01
Misc : 4.76µ/5.0mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

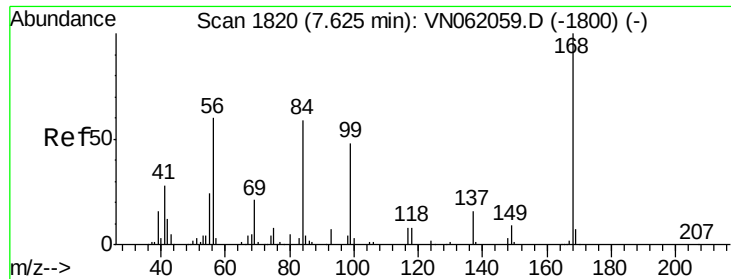
Instrument :
MSVOA_N
ClientSampleId :
TW-7.5

Manual Integrations
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Quant Time: Jul 02 18:02:45 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: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

Tot Ion:168 Resp: 227867

Ion Ratio Lower Upper

168 100

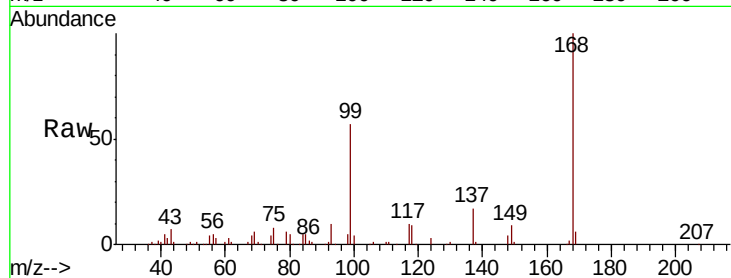
99 57.2 45.8 68.8

Manual Integrations

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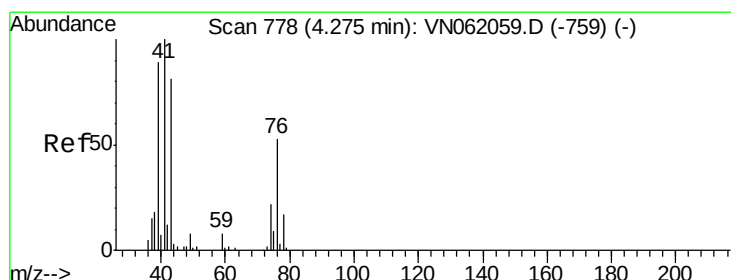
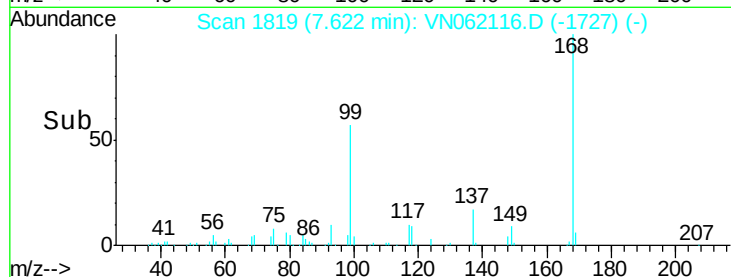
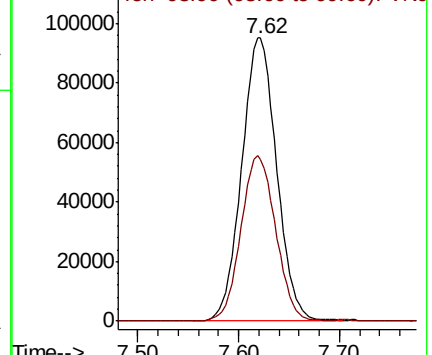
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 1.733 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062116.D

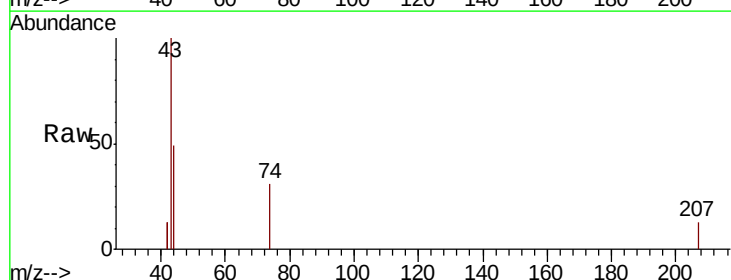
Acq: 25 Jun 2020 17:17

Tgt Ion: 43 Resp: 4406

Ion Ratio Lower Upper

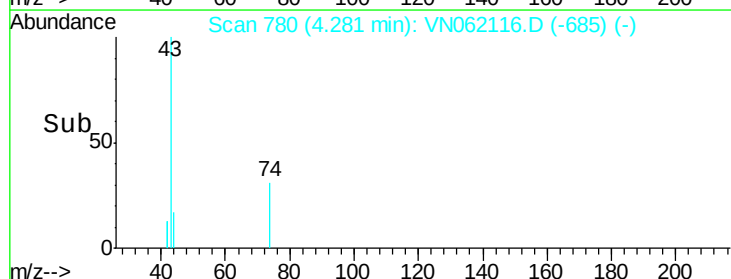
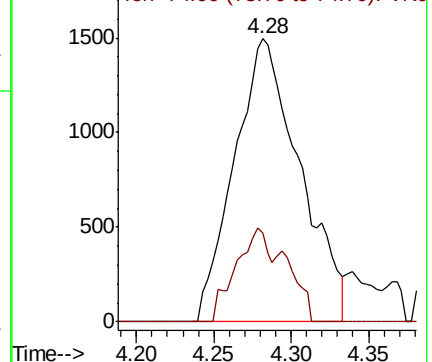
43 100

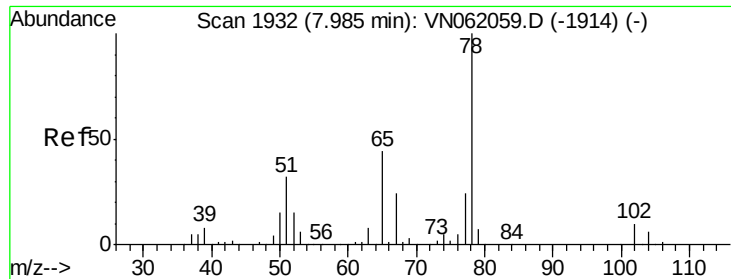
74 17.0 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





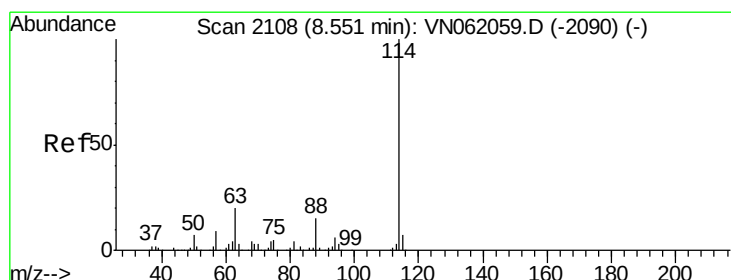
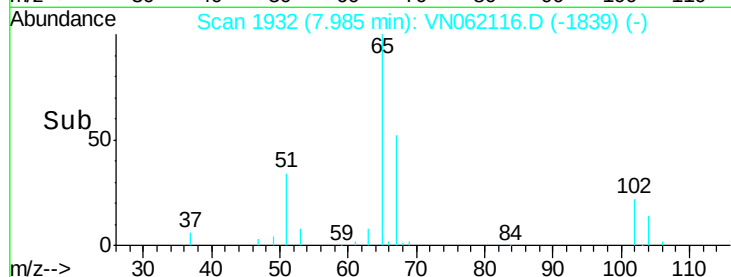
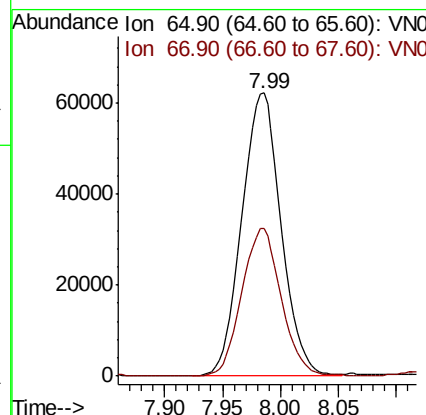
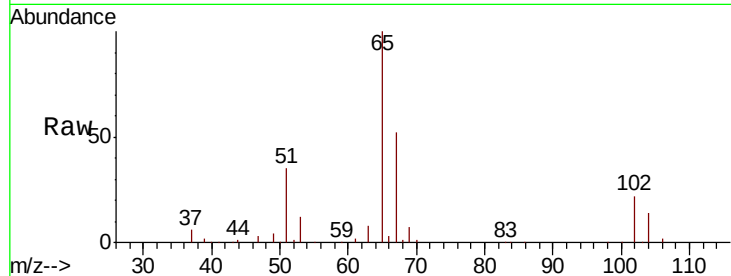
#33
 1,2-Dichloroethane-d4
 Concen: 45.854 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-7.5

Tot Ion	Ratio	Resp	Lower	Upper
65	100	146630		
67	52.4	0.0	106.2	

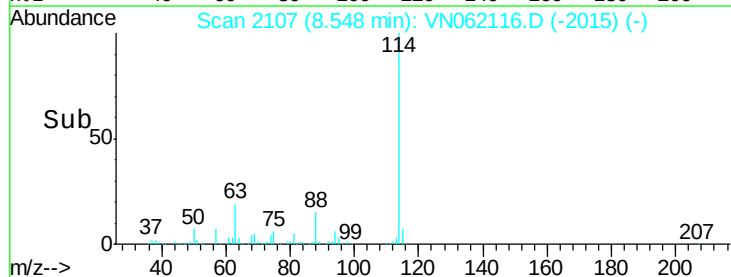
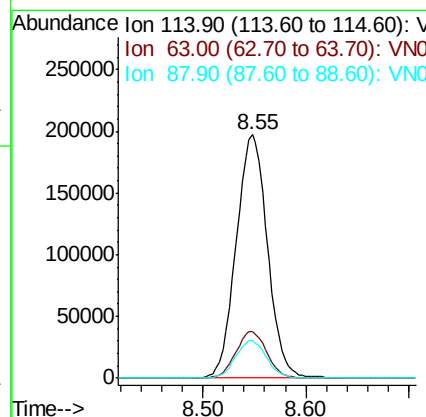
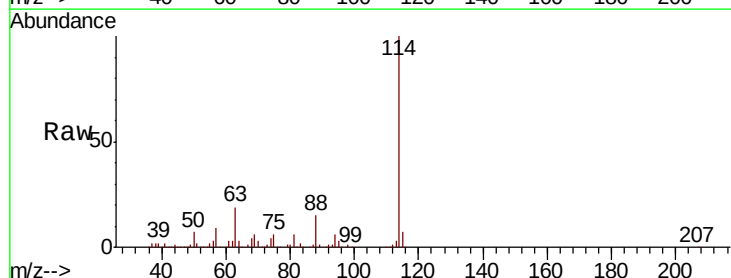
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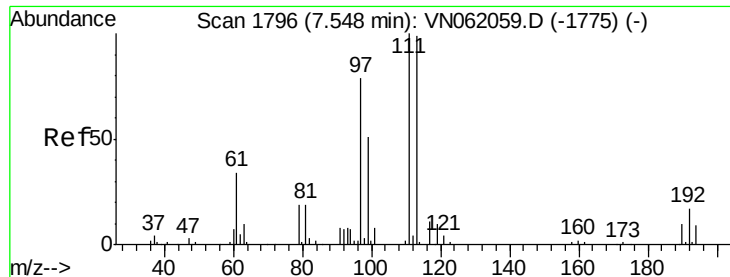
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	416456		
63	19.1	0.0	39.2	
88	15.2	0.0	30.8	





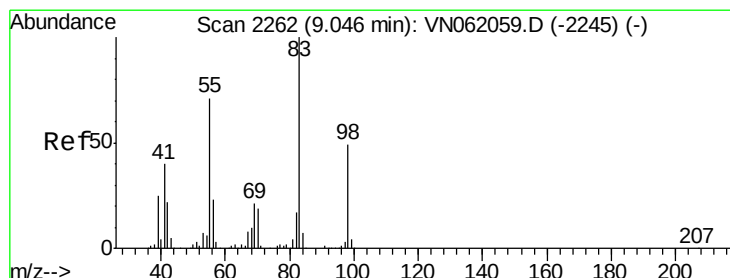
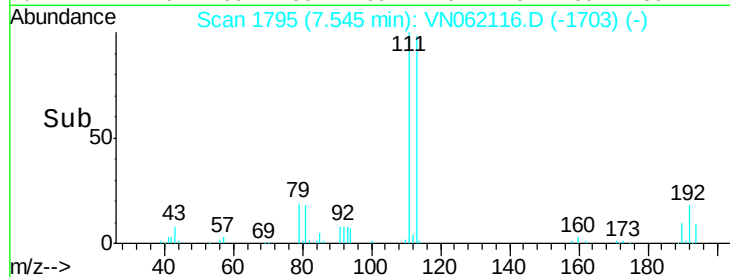
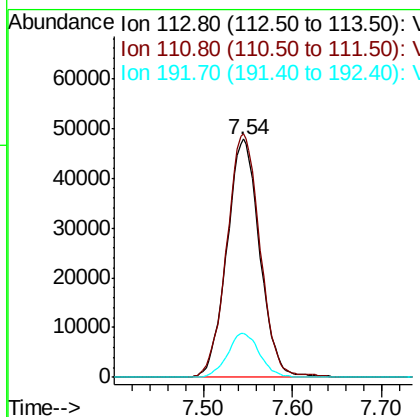
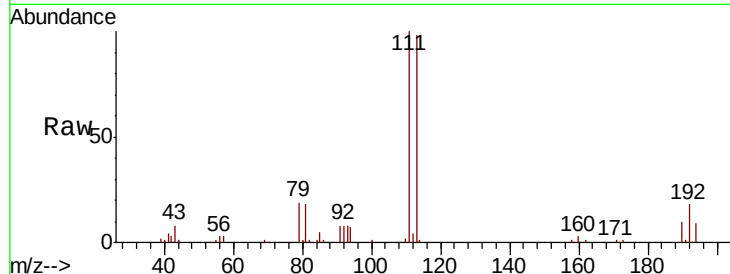
#35
 Dibromofluoromethane
 Concen: 45.655 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121979		
111	102.8	82.2	123.4	
192	17.9	14.0	21.0	

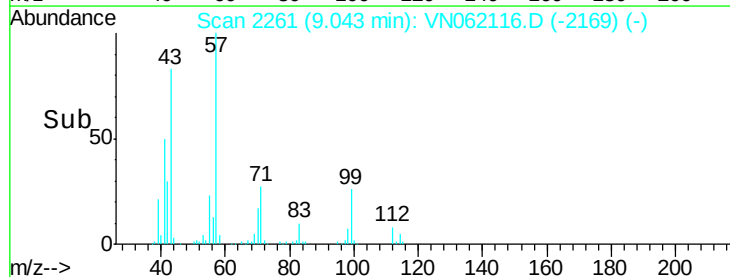
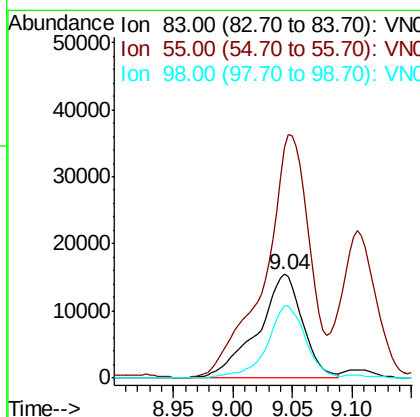
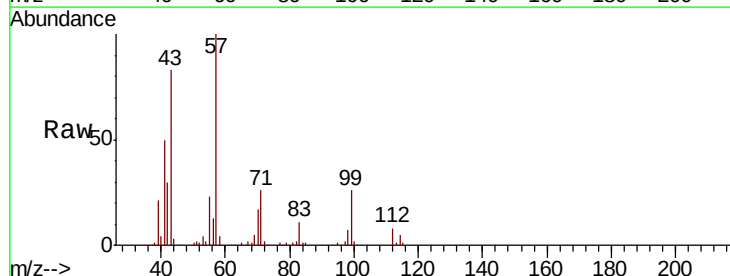
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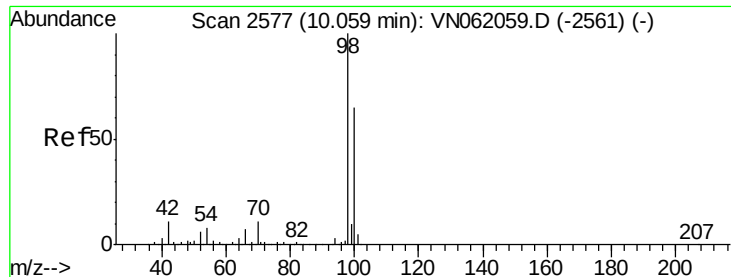
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#39
 Methylcyclohexane
 Concen: 8.816 ug/l
 RT: 9.04 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	40434		
55	222.0	57.0	85.6#	
98	69.1	39.0	58.6#	





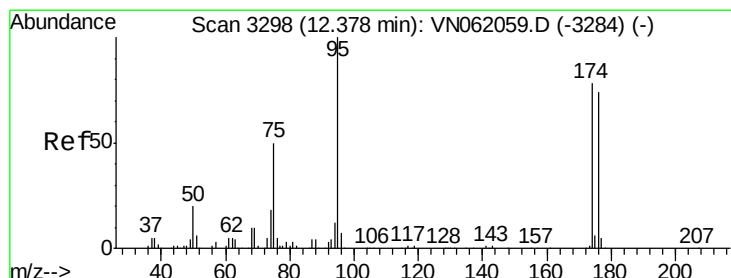
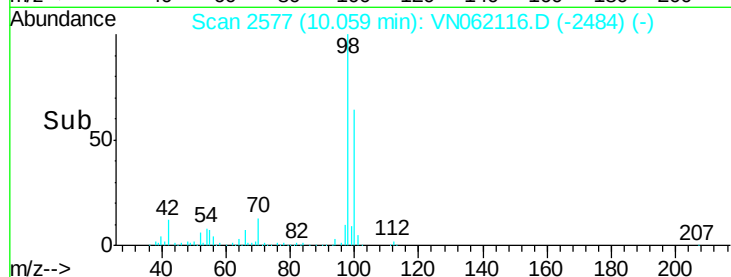
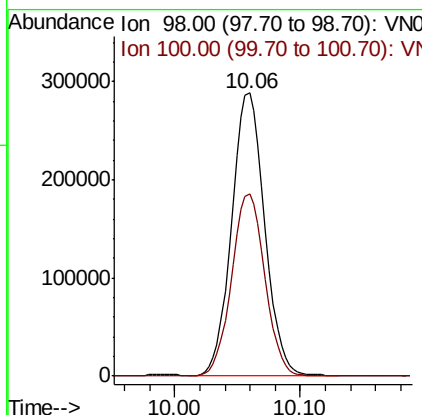
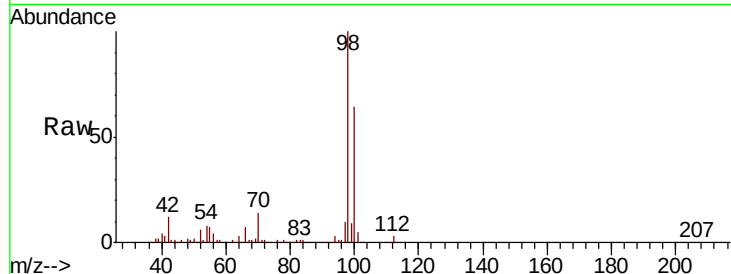
#50
Toluene-d8
Concen: 49.213 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion	98	Resp	525589
Ion Ratio	100	Lower	Upper
98	100	51.2	76.8
100	65.0		

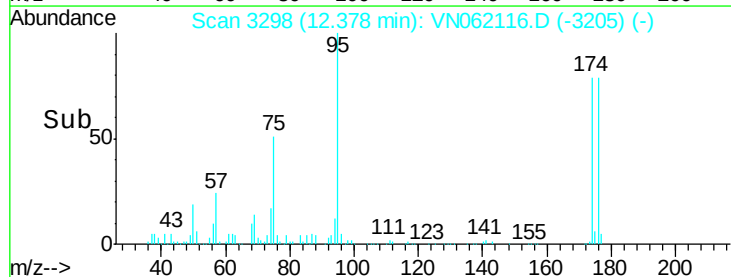
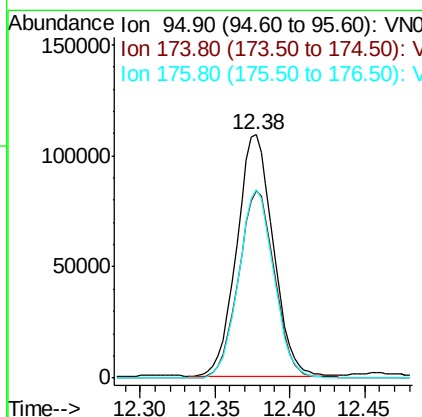
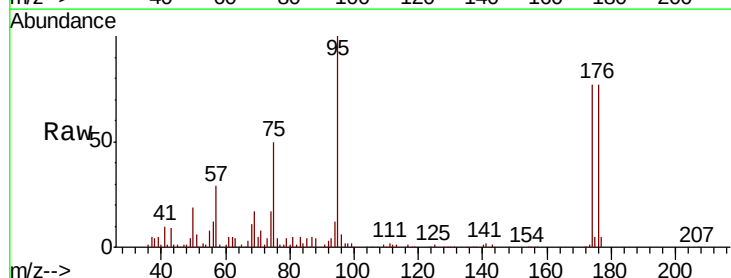
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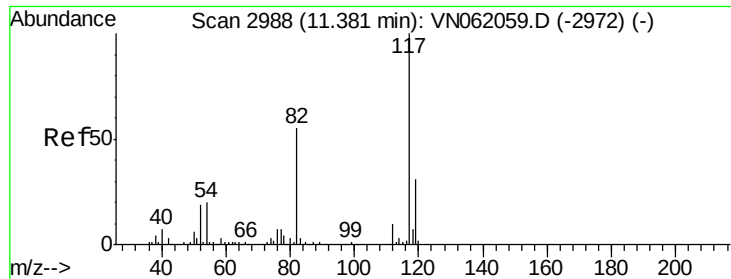
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#62
4-Bromofluorobenzene
Concen: 50.977 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion	95	Resp	183942
Ion Ratio	100	Lower	Upper
95	100	0.0	154.8
174	77.3	0.0	147.4
176	75.5	0.0	





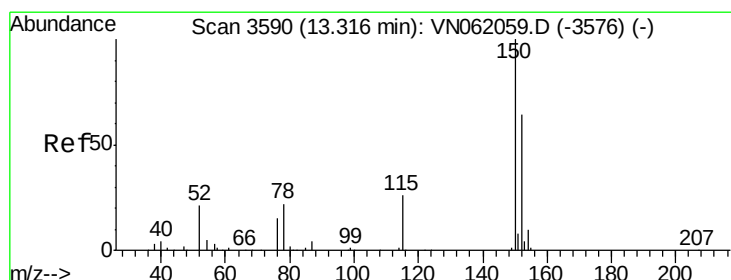
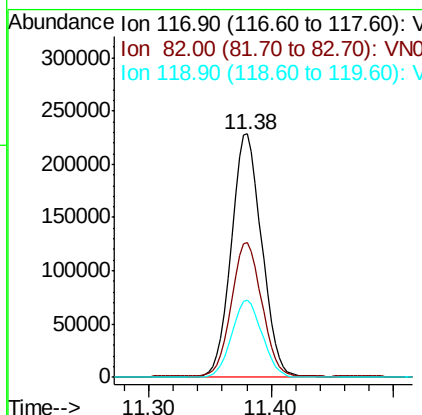
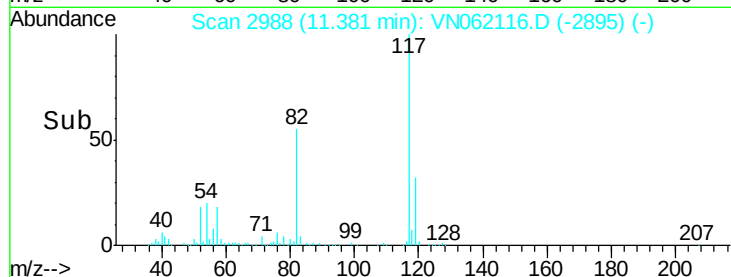
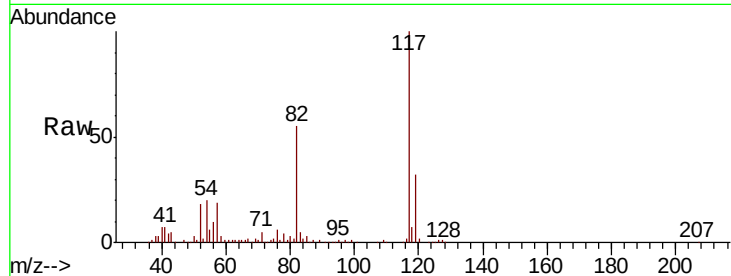
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion	Ratio	Resp	Lower	Upper
117	100	396740		
82	54.9		43.8	65.8
119	31.8		25.2	37.8

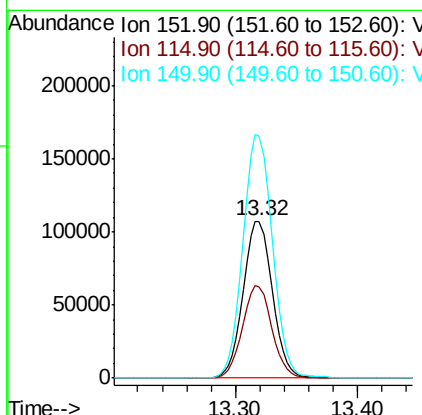
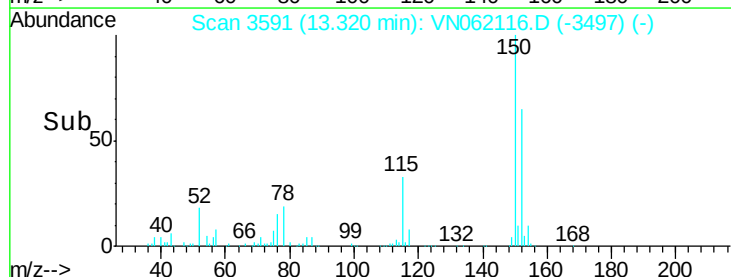
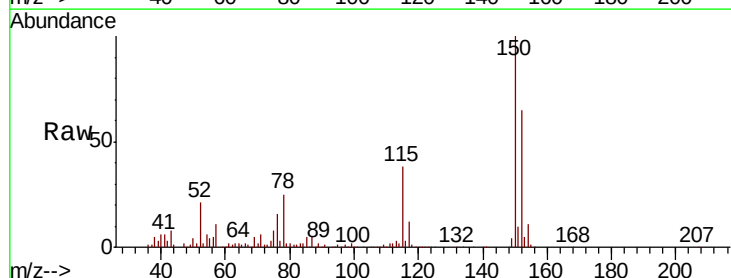
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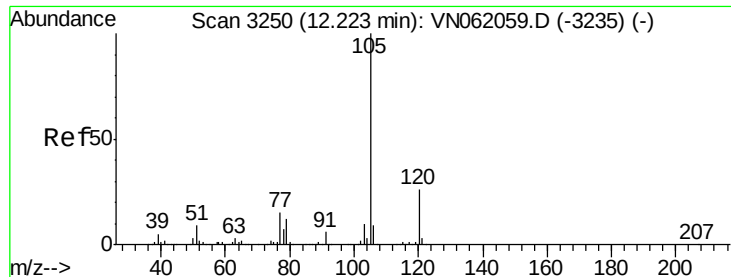
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	176340		
115	58.9		29.5	88.5
150	157.2		0.0	351.4





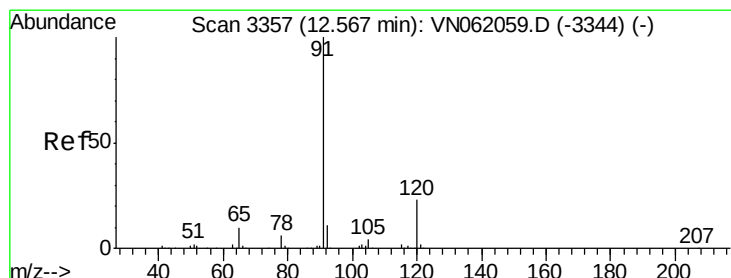
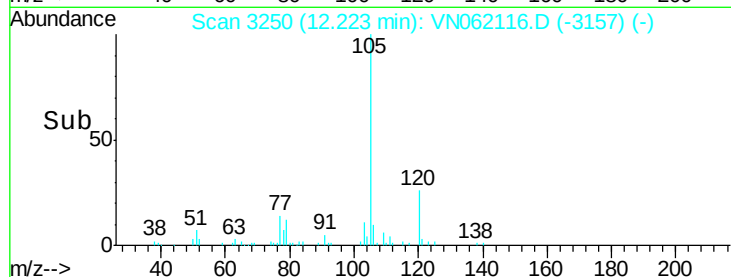
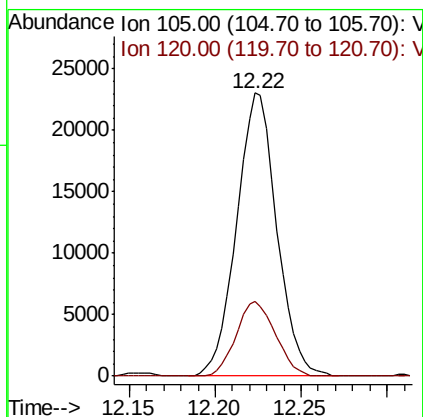
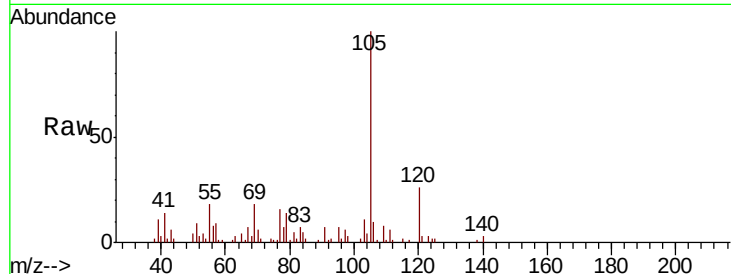
#73
Isopropylbenzene
Concen: 2.732 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.2	39.6

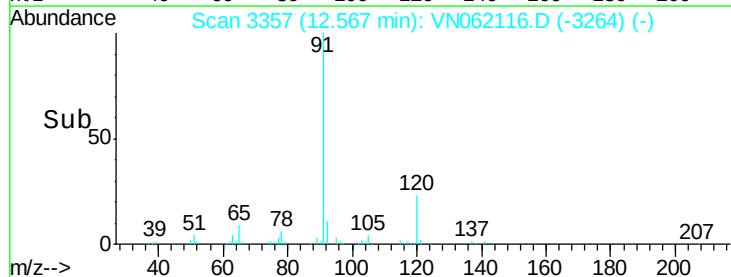
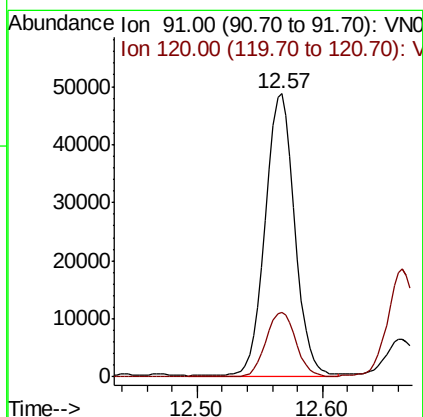
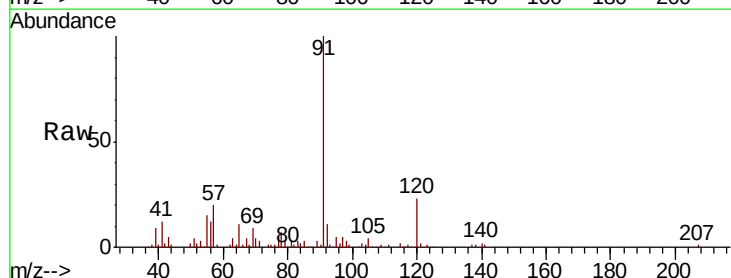
Manual Integrations
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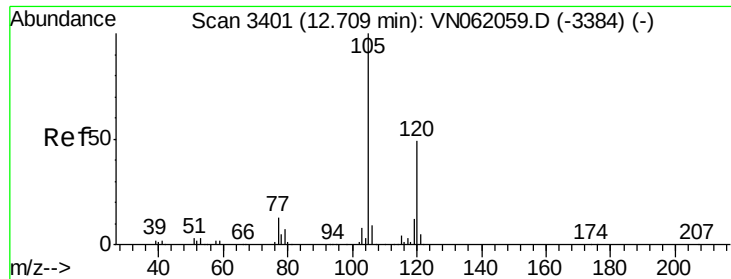
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#78
n-propylbenzene
Concen: 5.100 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.4	34.1





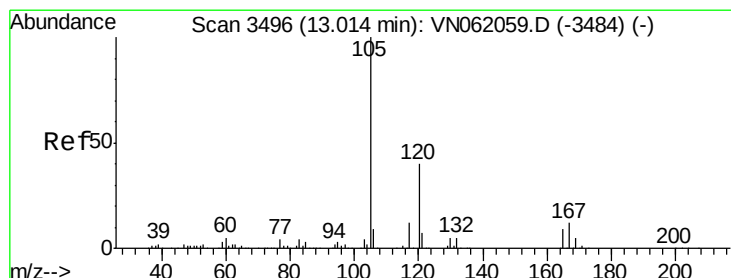
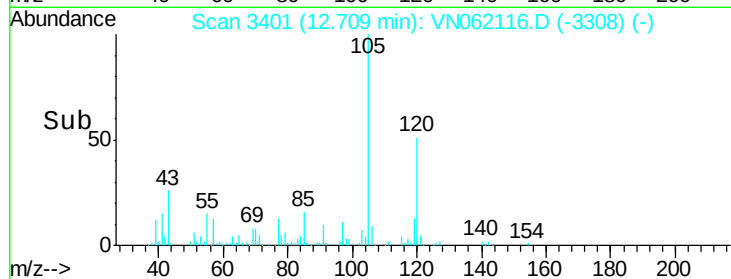
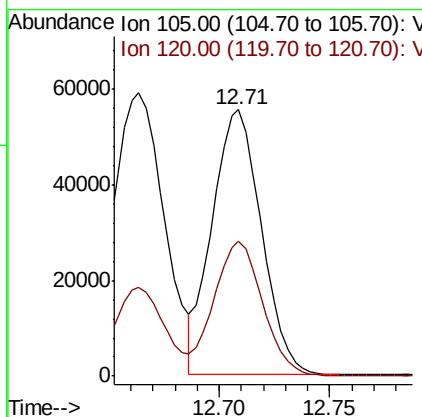
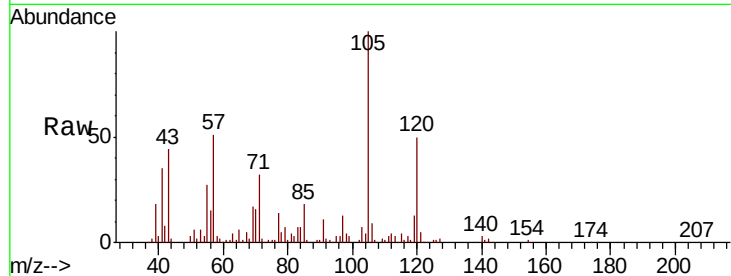
#80
 1,3,5-Trimethylbenzene
 Concen: 7.729 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Instrument :
 MSVOA_N
 ClientSampled :
 TW-7.5

Tot Ion:105 Resp: 85530
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.6 74.0

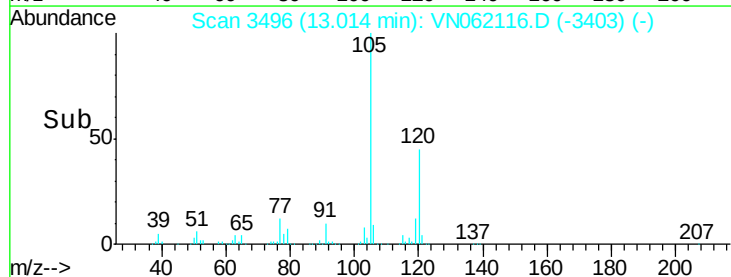
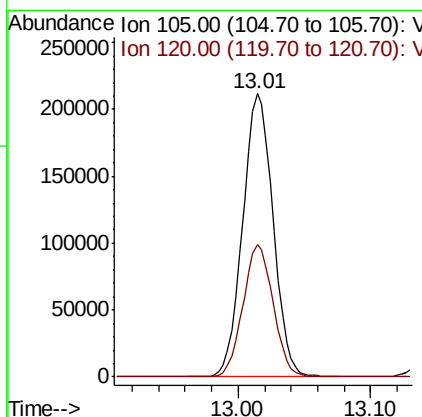
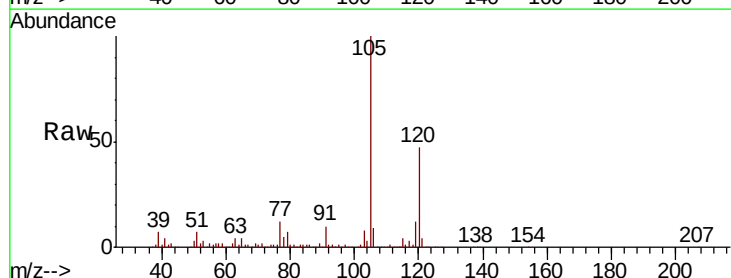
Manual Integrations
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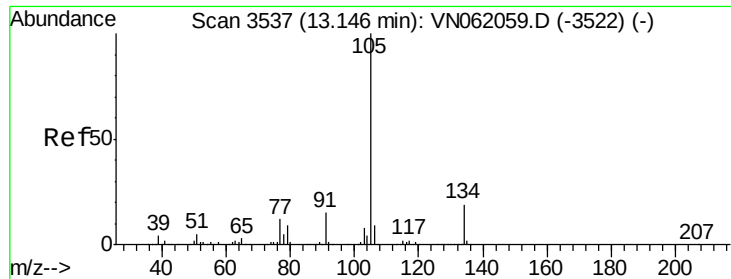
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#84
 1,2,4-Trimethylbenzene
 Concen: 30.474 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062116.D
 Acq: 25 Jun 2020 17:17

Tgt Ion:105 Resp: 336783
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 2.293 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

TW-7.5

Tot Ion:105 Resp: 28695

Ion Ratio Lower Upper

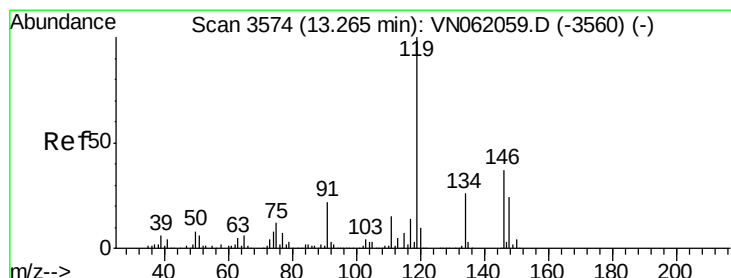
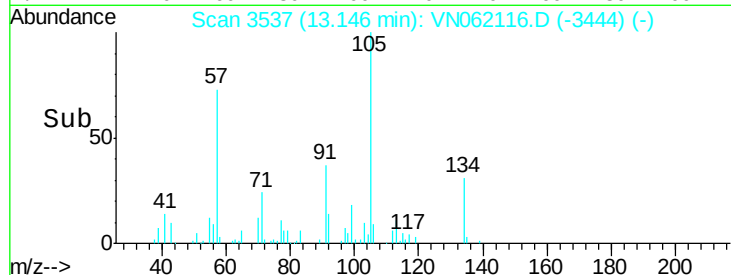
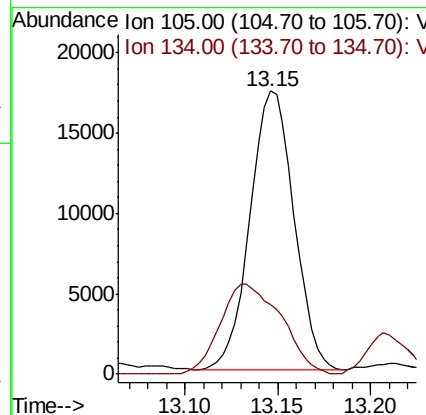
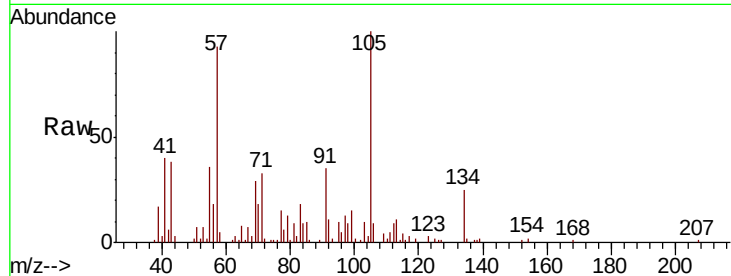
105 100

134 44.8 9.7 29.1#

Manual Integrations
APPROVED

MMDadoda

6/26/2020 7:01:19 PM



#86

p-Isopropyltoluene

Concen: 0.946 ug/l m

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062116.D

Acq: 25 Jun 2020 17:17

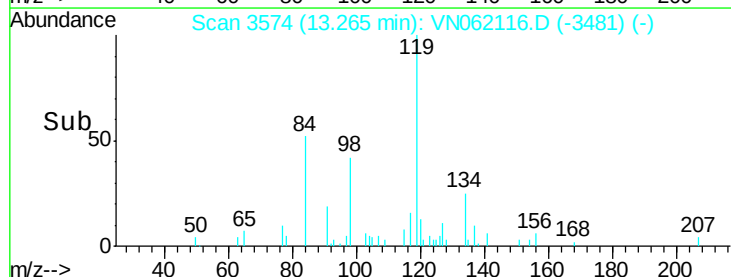
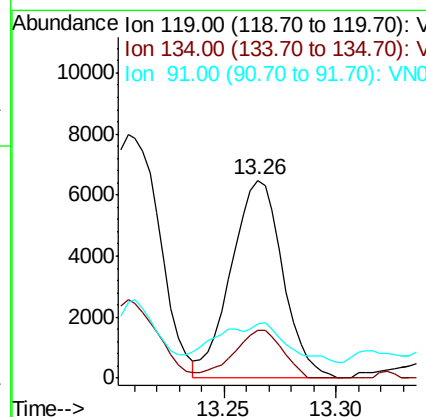
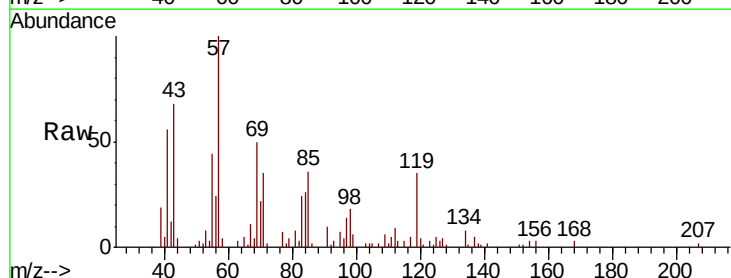
Tgt Ion:119 Resp: 10376

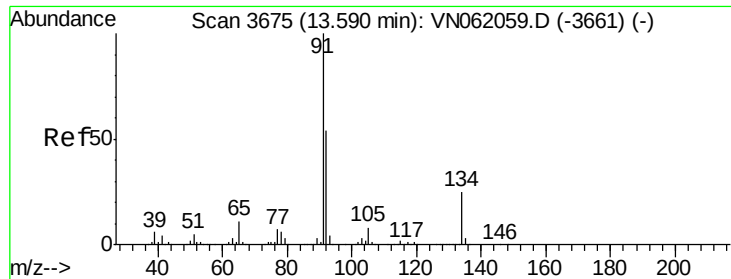
Ion Ratio Lower Upper

119 100

134 37.9 13.0 39.0

91 21.4 11.3 33.8





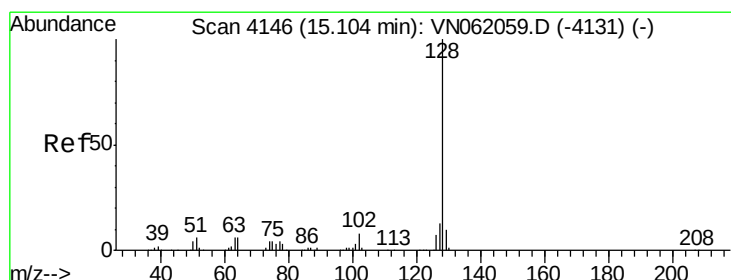
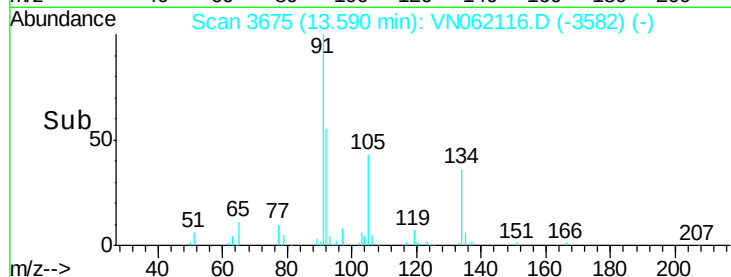
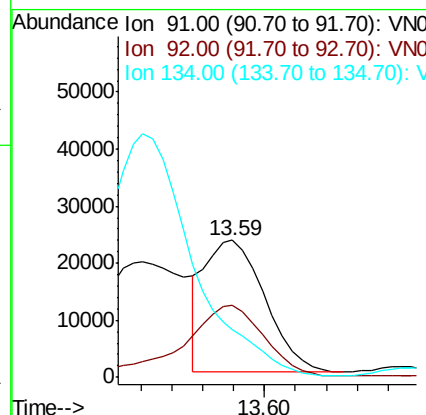
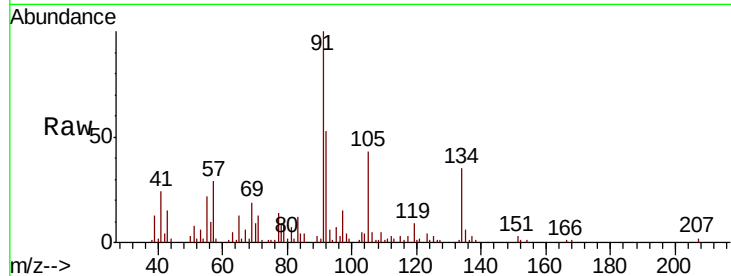
#89
n-Butylbenzene
Concen: 3.401 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Instrument :
MSVOA_N
ClientSampled :
TW-7.5

Tot Ion	Ratio	Lower	Upper
91	100		
92	74.8	26.6	79.7
134	0.0	12.3	36.9#

Manual Integrations
APPROVED

MMDadoda
6/26/2020 7:01:19 PM



#95
Naphthalene
Concen: 5.339 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062116.D
Acq: 25 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	23.2	10.5	15.7#
129	16.3	8.6	13.0#

