

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063731.D
 Acq On : 29 Sep 2020 17:04
 Operator : JC/MD
 Sample : L4178-05DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5DL

Manual Integrations
 APPROVED

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 9/30/2020 1:20:41 PM

Quant Time: Sep 30 02:10:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	225178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	409409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	179183	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	7.55	113	128142	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	10.06	98	514523	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.38	95	219414	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
Target Compounds						
					Qvalue	
16) Acetone	3.74	43	10784m	8.754	ug/l	
31) Cyclohexane	7.61	56	137561	25.985	ug/l	98
39) Methylcyclohexane	9.05	83	145408	30.717	ug/l	99
40) Benzene	8.00	78	7720	0.620	ug/l	97
52) Toluene	10.12	92	4422	0.591	ug/l	91
67) Ethyl Benzene	11.49	91	574507	35.567	ug/l	98
68) m/p-Xylenes	11.59	106	4017m	0.690	ug/l	
69) o-Xylene	11.92	106	3082	0.556	ug/l	81
73) Isopropylbenzene	12.23	105	295091	18.060	ug/l	99
78) n-propylbenzene	12.57	91	1047161	55.025	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	5724m	0.420	ug/l	
83) tert-Butylbenzene	12.97	119	2647	0.235	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	22202	1.613	ug/l	97
85) sec-Butylbenzene	13.15	105	44506	2.957	ug/l #	71
86) p-Isopropyltoluene	13.27	119	5204	0.392	ug/l #	49
89) n-Butylbenzene	13.59	91	62108	5.075	ug/l #	77
95) Naphthalene	15.10	128	184511	14.164	ug/l	99

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

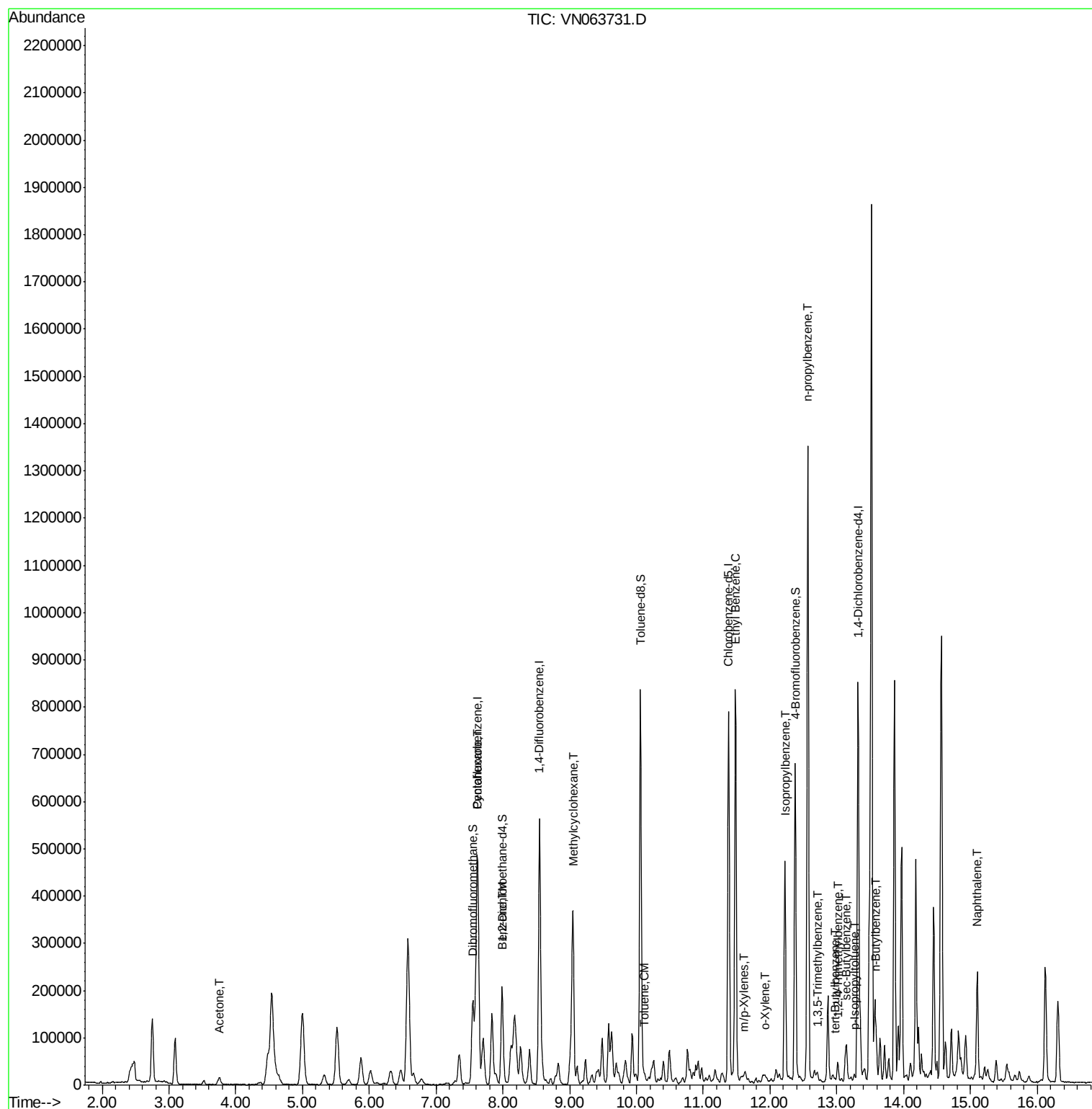
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092920\
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Quant Time: Sep 30 02:10:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

TP-5DL

Tot Ion:168 Resp: 225178

Ion Ratio Lower Upper

168 100

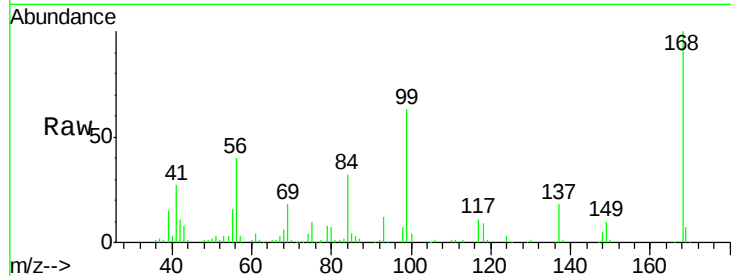
99 63.4 53.0 79.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

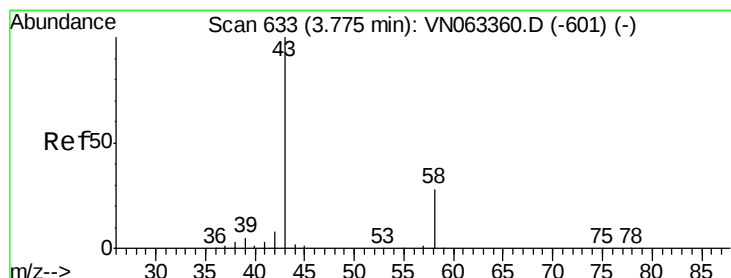
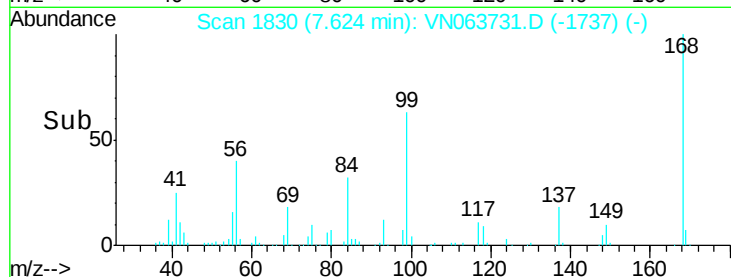
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.754 ug/l m

RT: 3.74 min Scan# 623

Delta R.T. -0.03 min

Lab File: VN063731.D

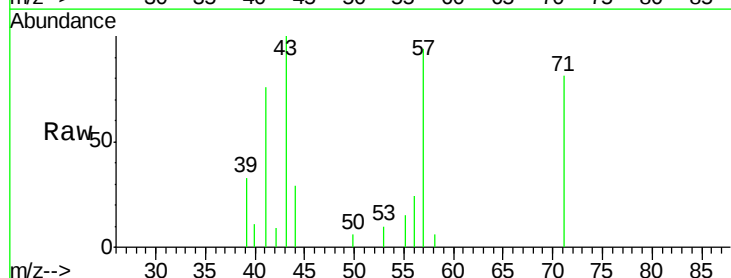
Acq: 29 Sep 2020 17:04

Tgt Ion: 43 Resp: 10784

Ion Ratio Lower Upper

43 100

58 5.9 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.74

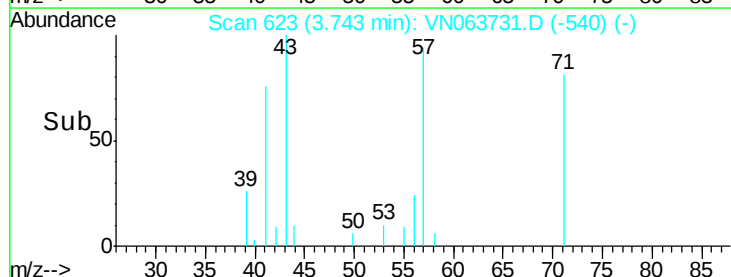
3000

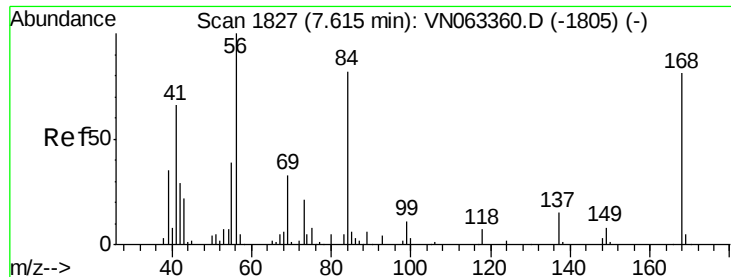
2000

1000

0

Time--> 3.65 3.70 3.75 3.80 3.85





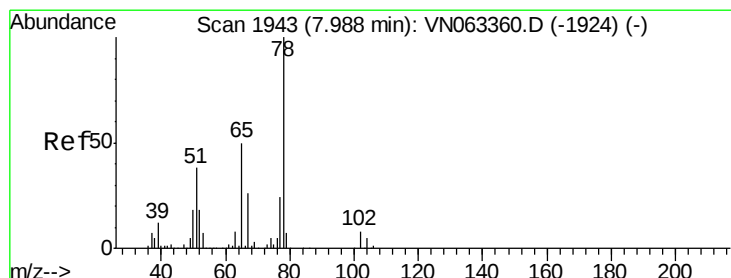
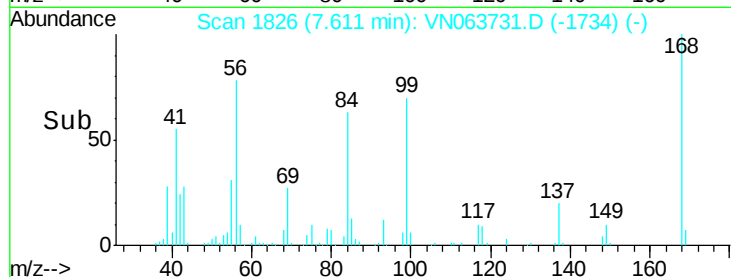
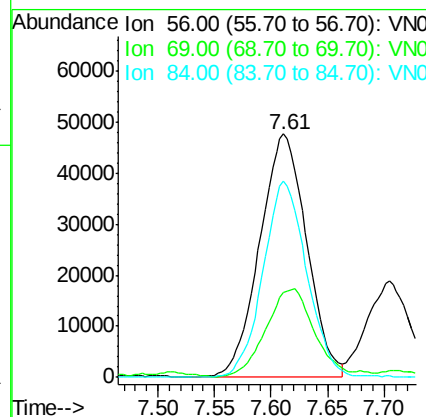
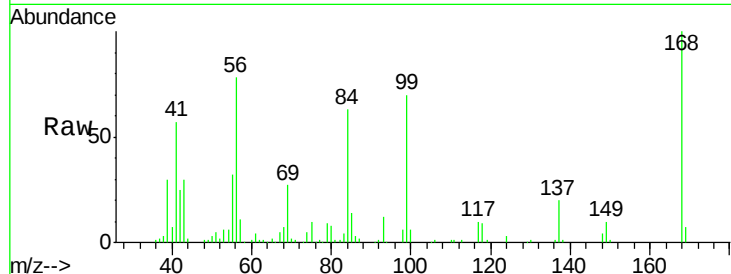
#31
Cyclohexane
Concen: 25.985 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
TP-5DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.0	26.1	39.1
84	80.5	65.4	98.2

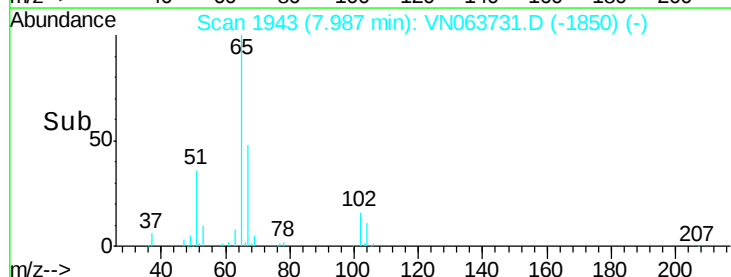
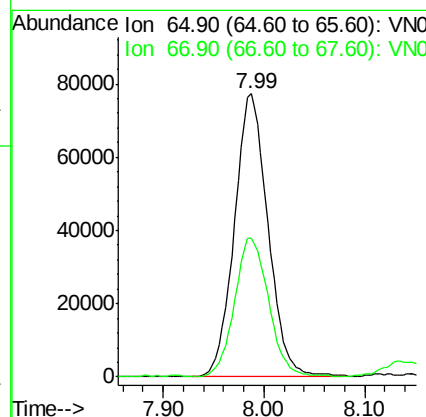
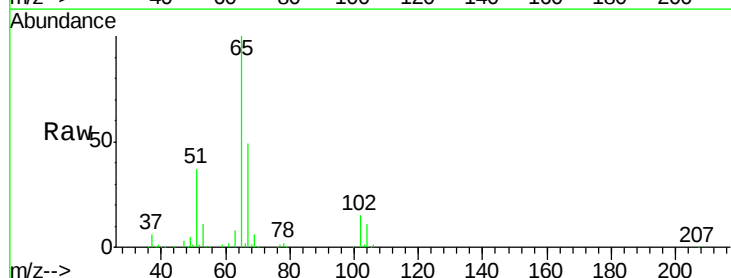
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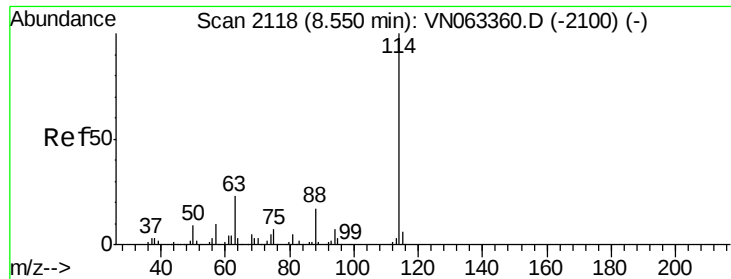
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#33
1,2-Dichloroethane-d4
Concen: 46.746 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	104.2





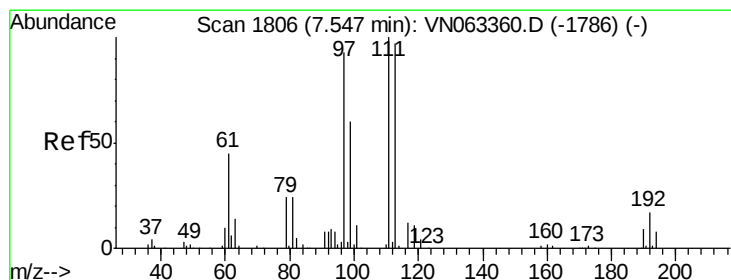
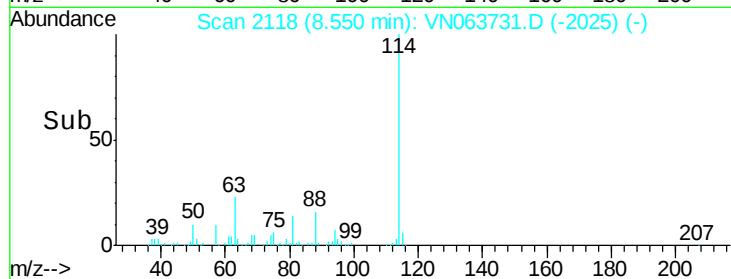
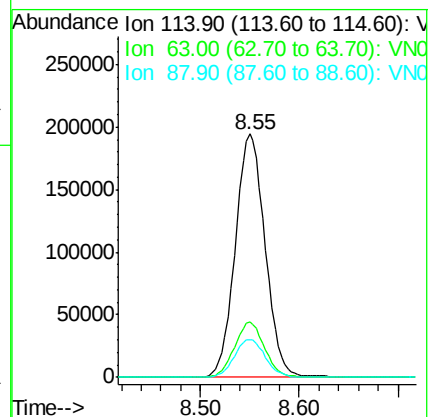
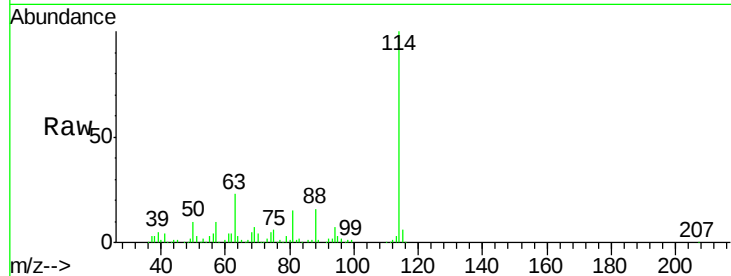
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 TP-5DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	409409		
63	22.6		0.0	46.4
88	15.6		0.0	33.2

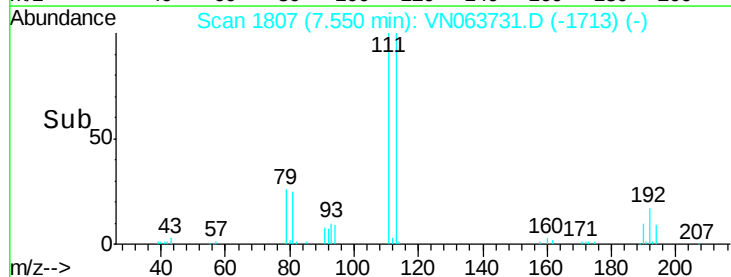
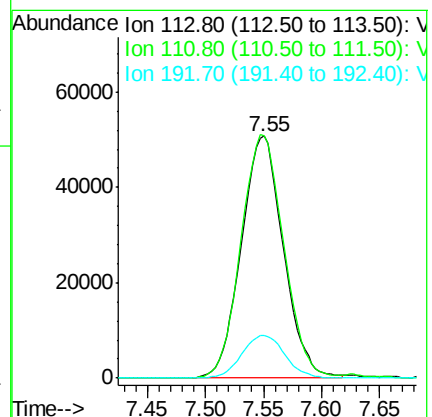
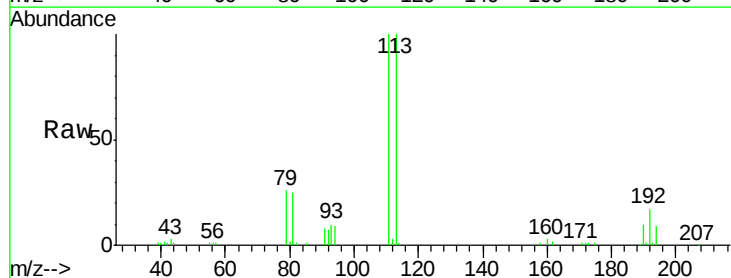
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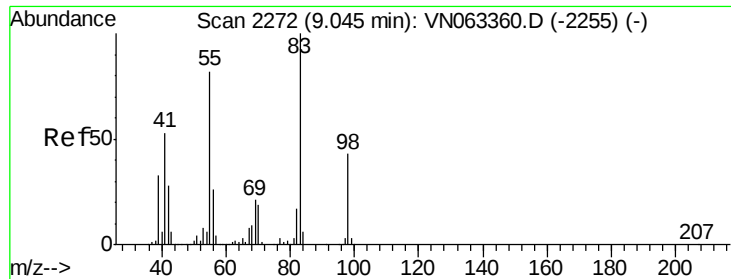
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#35
 Dibromofluoromethane
 Concen: 45.212 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	128142		
111	102.3		82.9	124.3
192	18.1		13.9	20.9





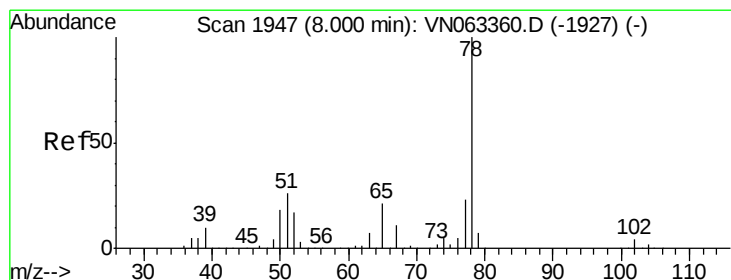
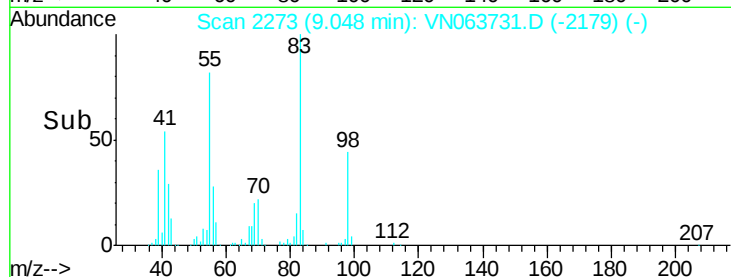
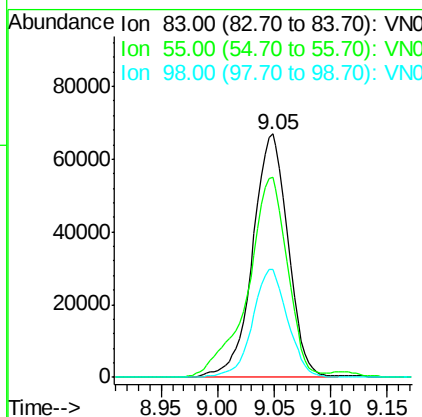
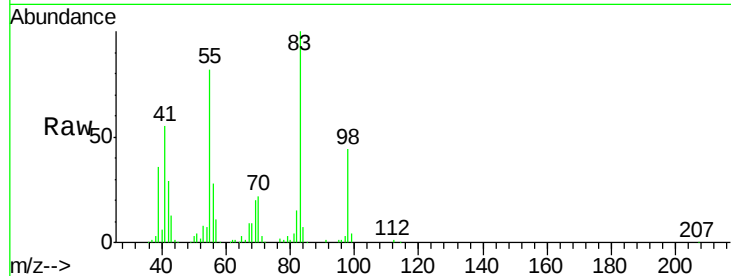
#39
Methvlcvclohexane
Concen: 30.717 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
TP-5DL

Tot Ion	83	Resp	145408
Ion Ratio	100	Lower	Upper
83	100		
55	81.6	65.5	98.3
98	44.2	34.2	51.4

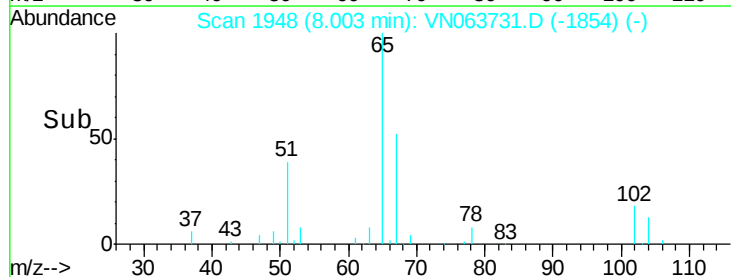
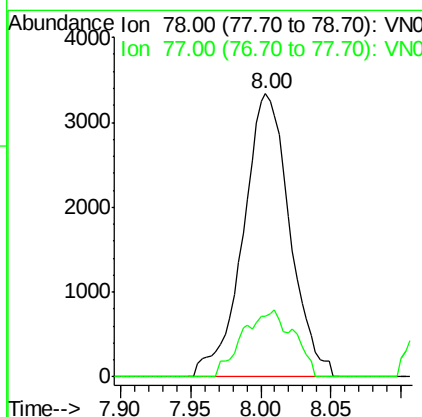
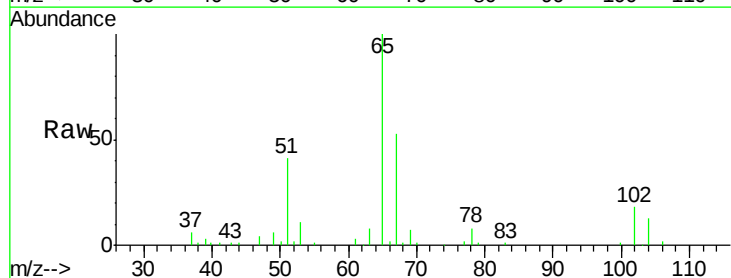
Manual Integrations
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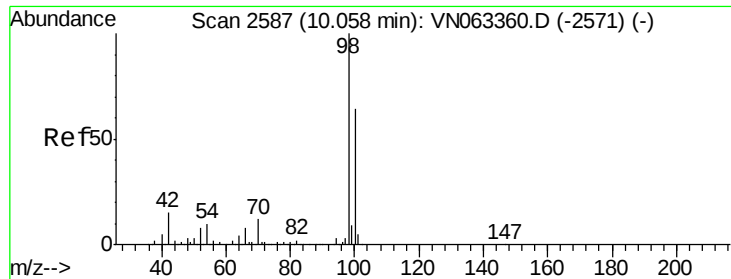
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#40
Benzene
Concen: 0.620 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion	78	Resp	7720
Ion Ratio	100	Lower	Upper
78	100		
77	21.3	18.3	27.5





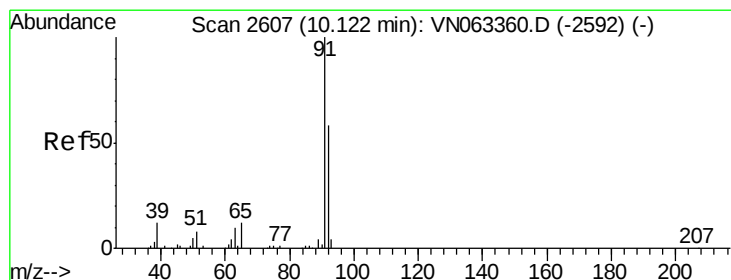
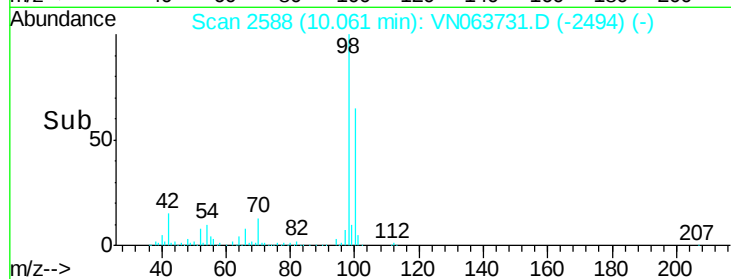
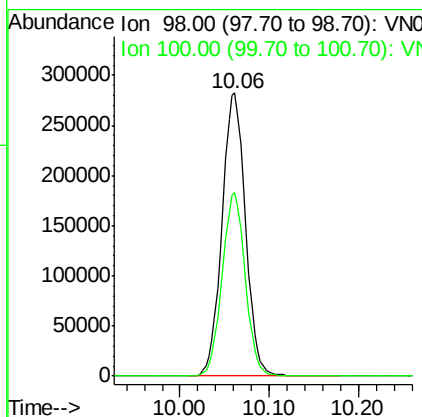
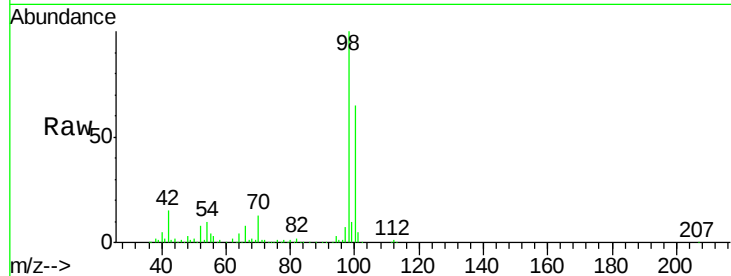
#50
Toluene-d8
Concen: 48.279 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Instrument :
MSVOA_N
ClientSampled :
TP-5DL

Tot Ion: 98 Resp: 514523
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1

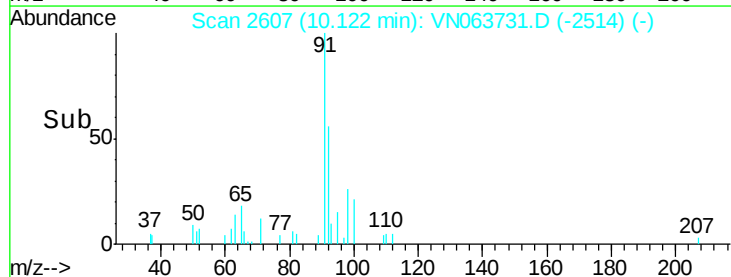
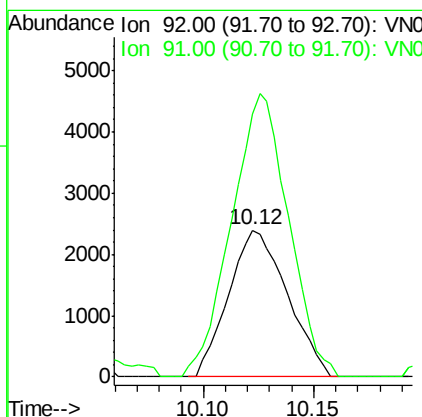
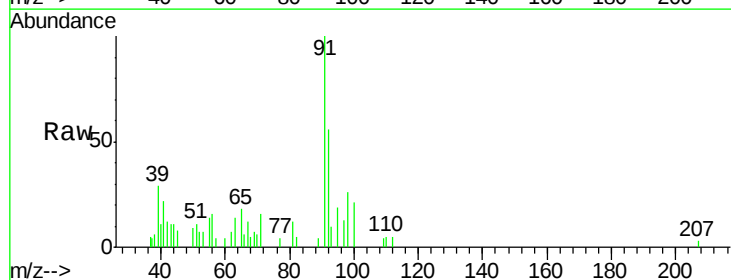
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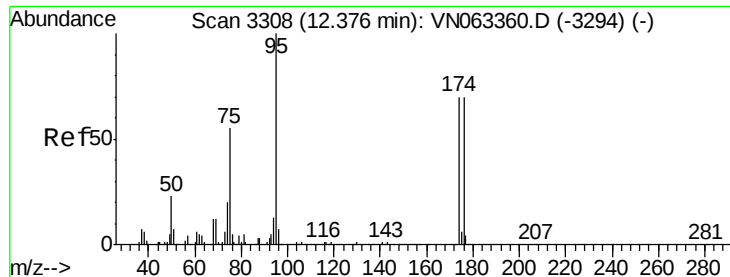
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#52
Toluene
Concen: 0.591 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion: 92 Resp: 4422
Ion Ratio Lower Upper
92 100
91 187.5 139.7 209.5





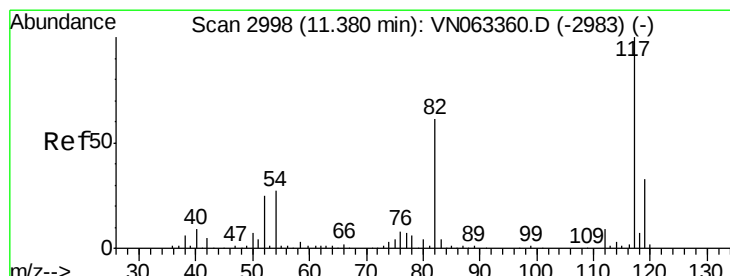
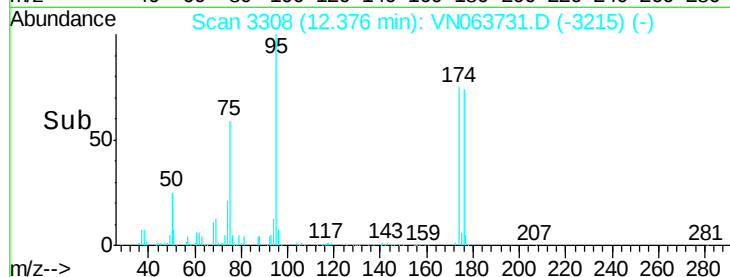
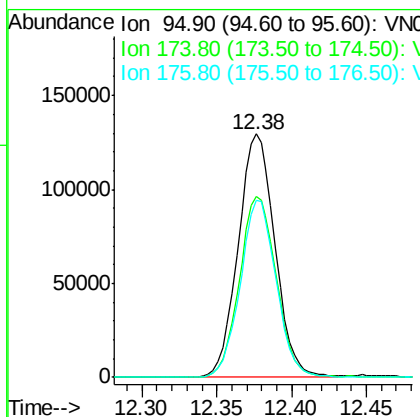
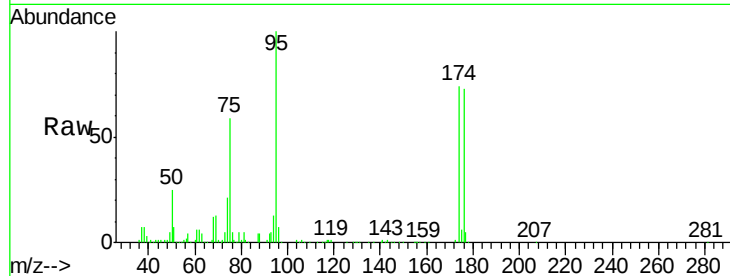
#62
4-Bromofluorobenzene
Concen: 56.162 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
TP-5DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	219414		
174	75.0	0.0	140.8	
176	71.9	0.0	137.6	

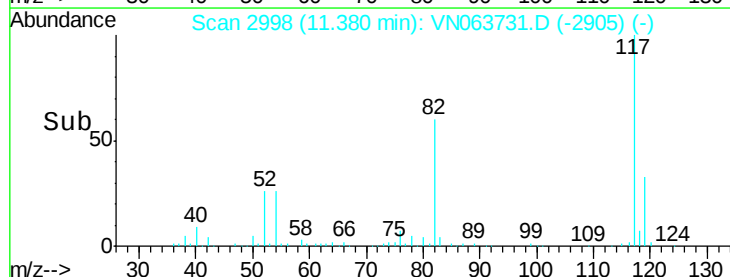
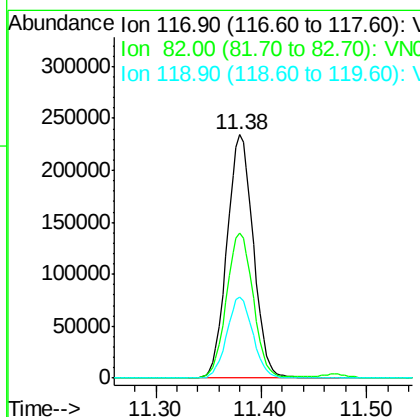
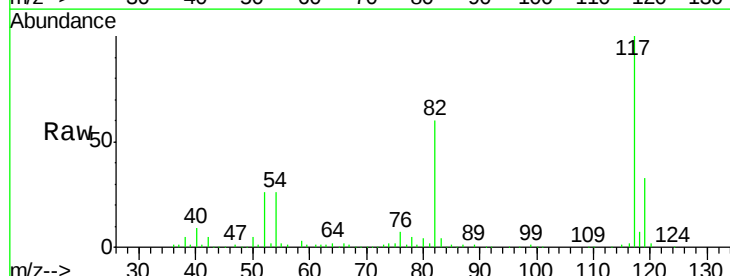
Manual Integrations
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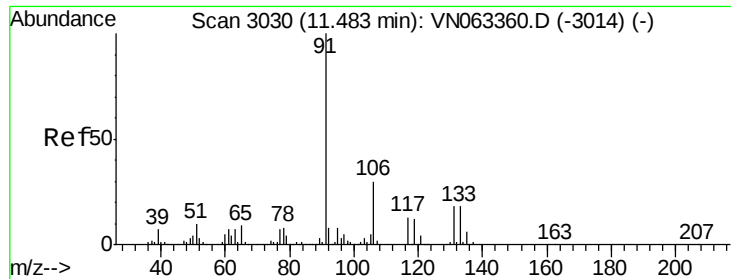
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	404078		
82	59.5	49.2	73.8	
119	33.3	26.2	39.4	





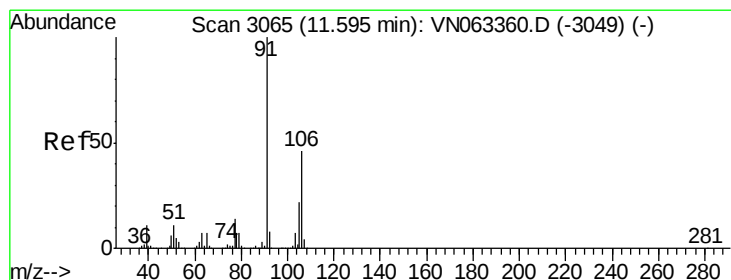
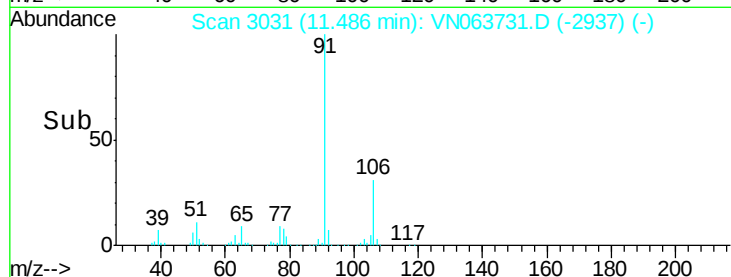
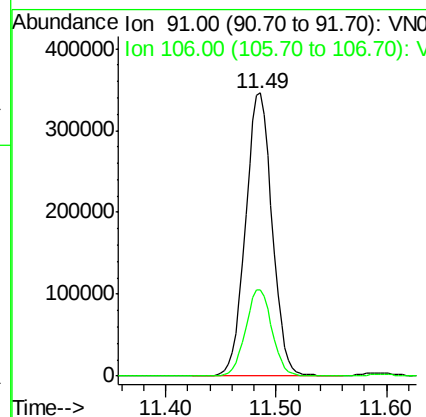
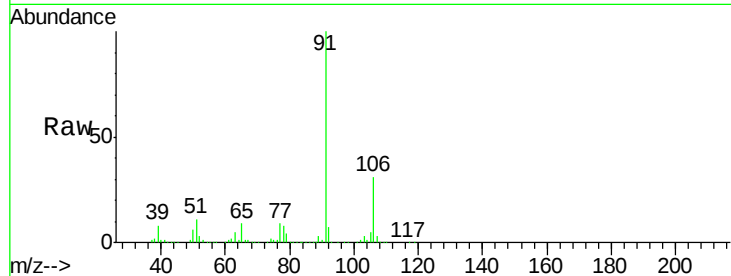
#67
Ethyl Benzene
Concen: 35.567 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
TP-5DL

Tot Ion: 91 Resp: 574507
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

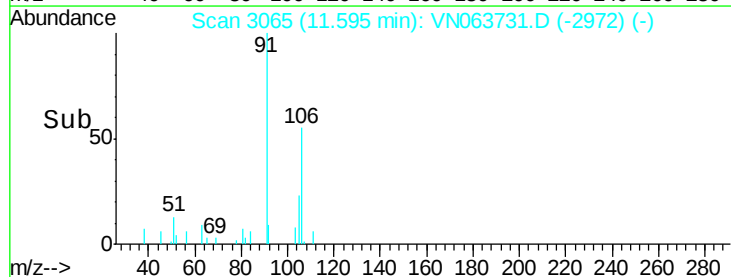
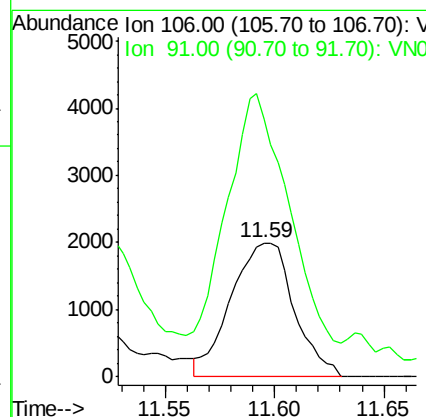
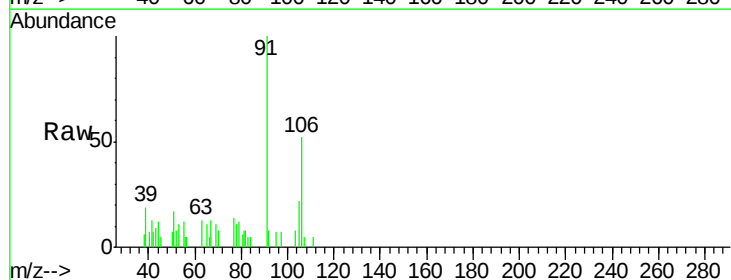
Manual Integrations
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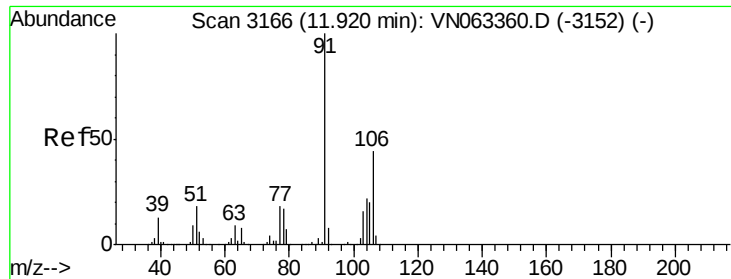
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#68
m/p-Xylenes
Concen: 0.690 ug/l m
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion:106 Resp: 4017
Ion Ratio Lower Upper
106 100
91 14301.9 171.2 256.8#





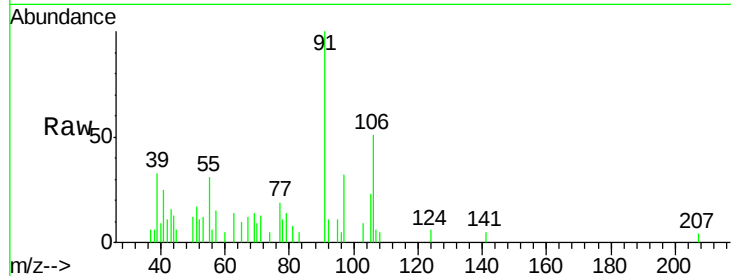
#69
o-Xylene
Concen: 0.556 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
TP-5DL

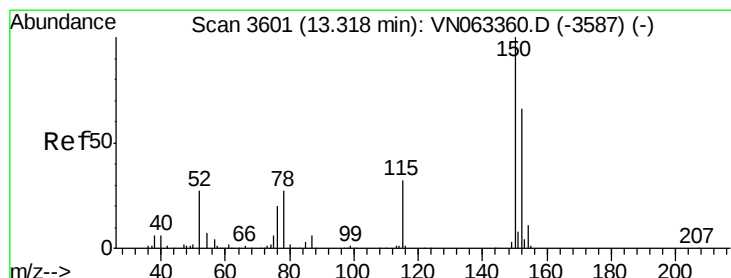
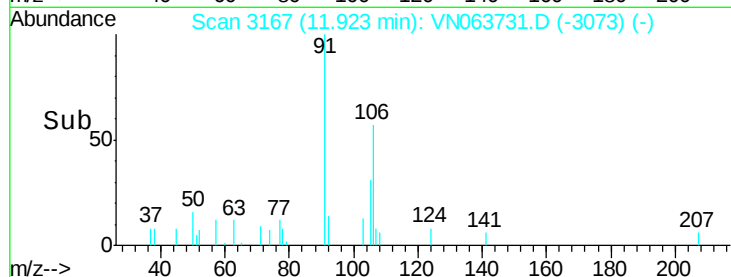
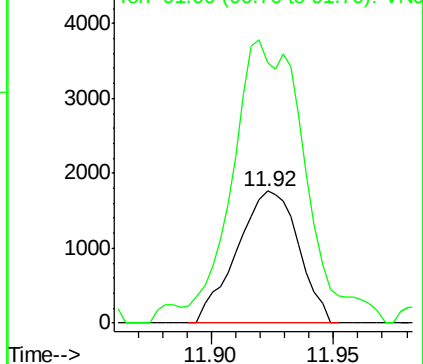
Tot Ion:106 Resp: 3082
Ion Ratio Lower Upper
106 100
91 258.0 113.6 340.8

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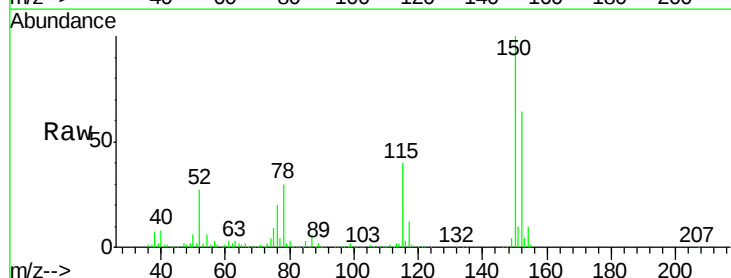


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

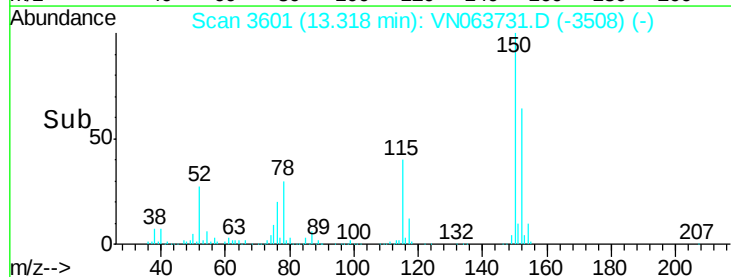
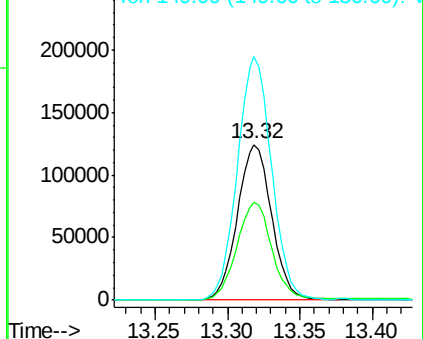


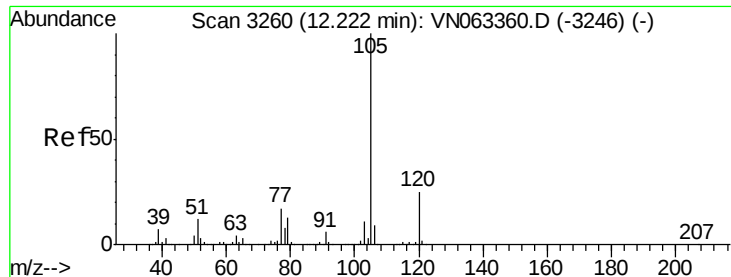
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Tgt Ion:152 Resp: 203900
Ion Ratio Lower Upper
152 100
115 63.9 32.2 96.6
150 156.4 0.0 343.4



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





#73

Isopropylbenzene

Concen: 18.060 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063731.D

Acq: 29 Sep 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

TP-5DL

Tot Ion:105 Resp: 295091

Ion Ratio Lower Upper

105 100

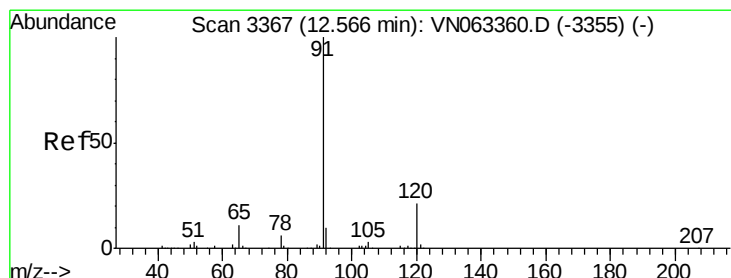
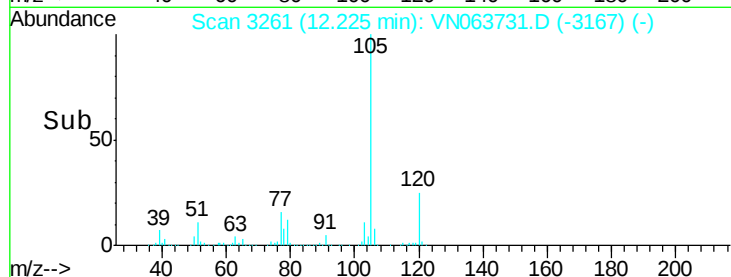
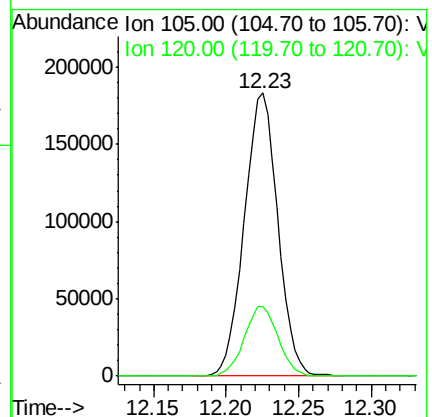
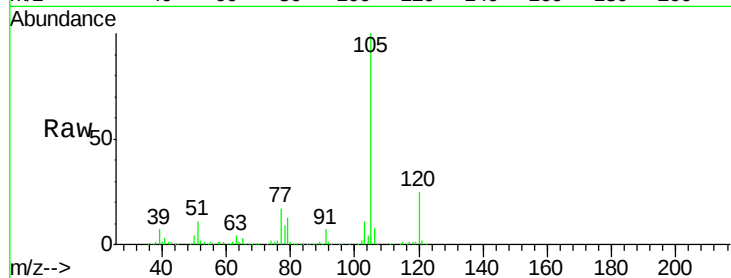
120 24.9 12.7 38.0

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#78

n-propylbenzene

Concen: 55.025 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063731.D

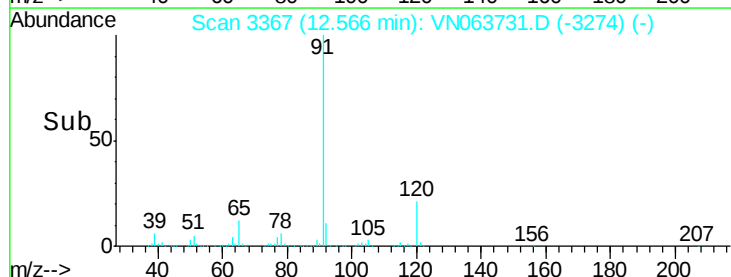
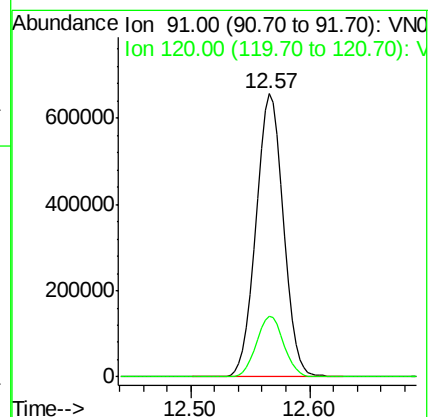
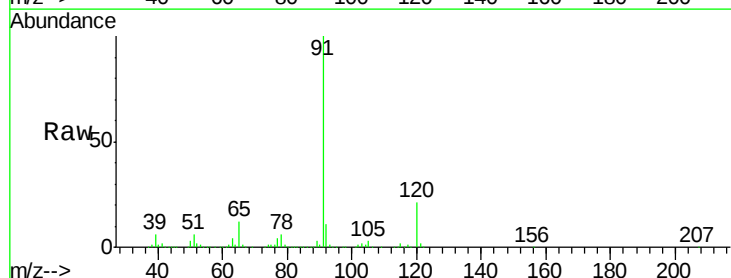
Acq: 29 Sep 2020 17:04

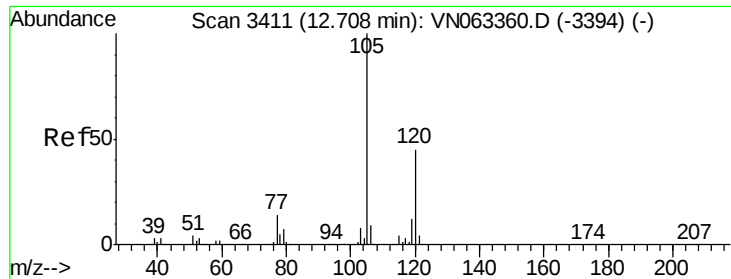
Tgt Ion: 91 Resp: 1047161

Ion Ratio Lower Upper

91 100

120 21.4 10.8 32.3





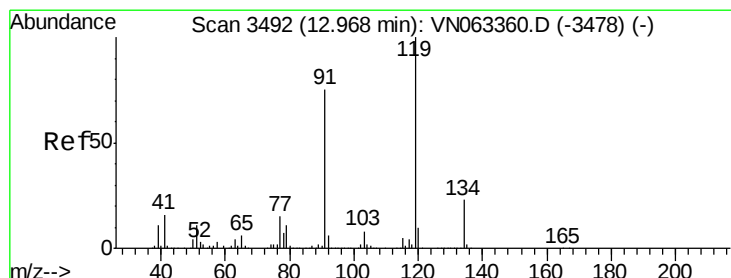
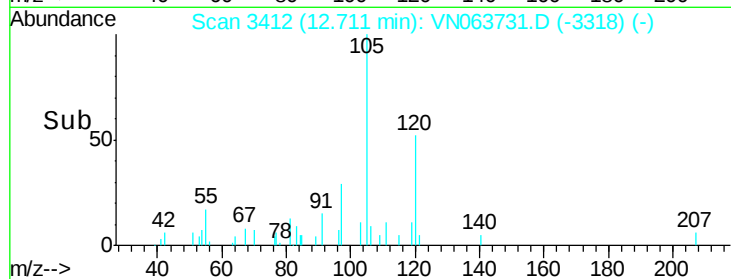
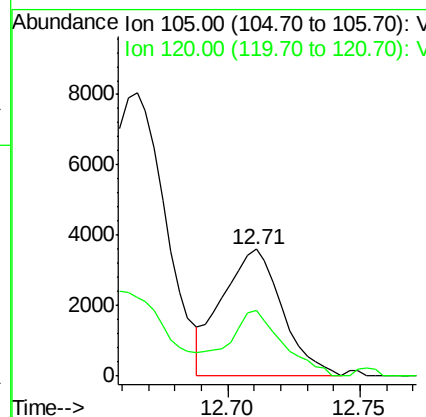
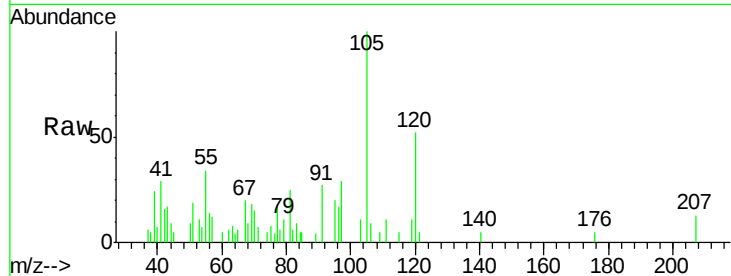
#80
 1,3,5-Trimethylbenzene
 Concen: 0.420 ug/l m
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 TP-5DL

Tot Ion:105 Resp: 5724
 Ion Ratio Lower Upper
 105 100
 120 595.6 22.9 68.8#

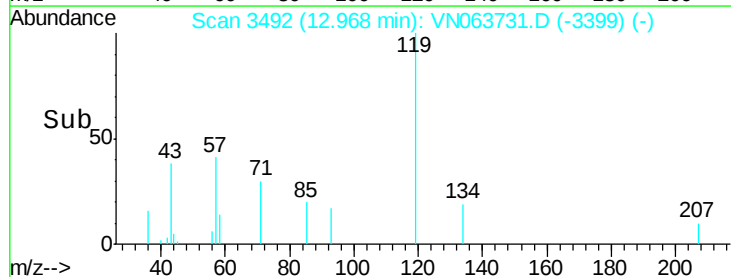
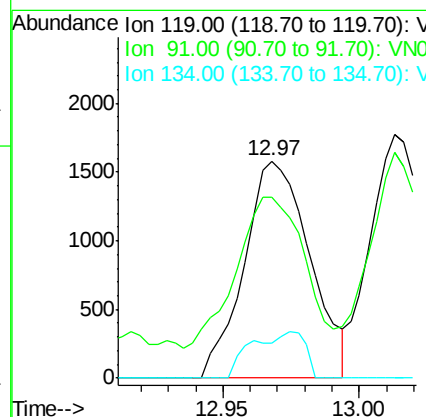
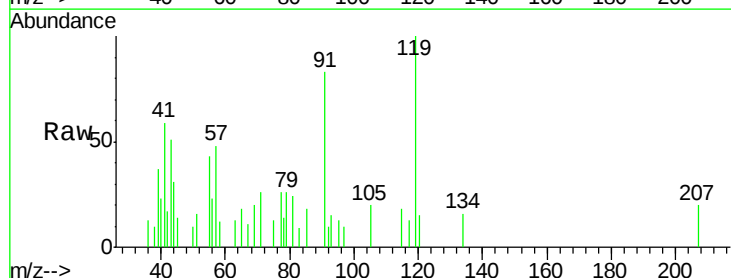
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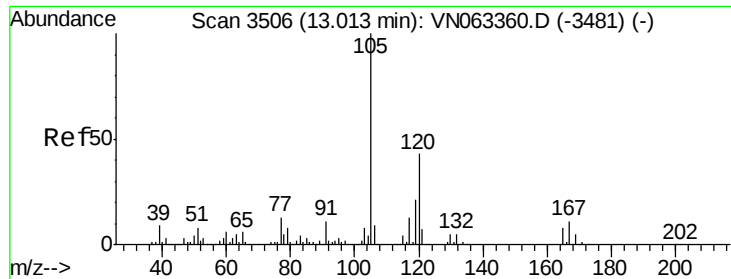
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#83
 tert-Butylbenzene
 Concen: 0.235 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Tgt Ion:119 Resp: 2647
 Ion Ratio Lower Upper
 119 100
 91 70.5 36.3 108.9
 134 17.4 12.3 36.8





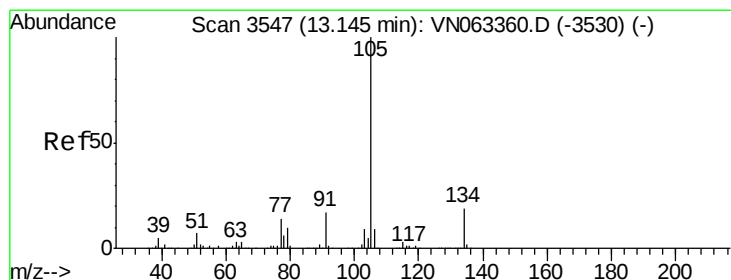
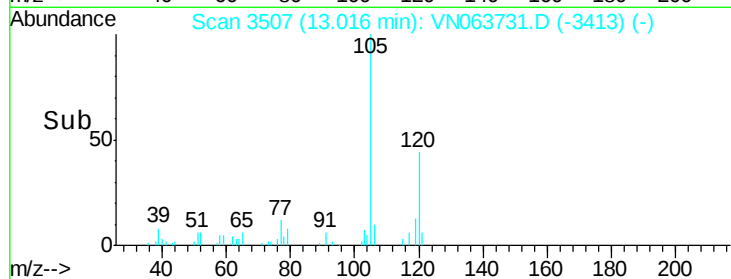
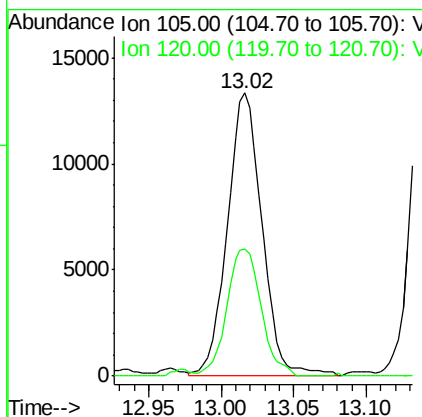
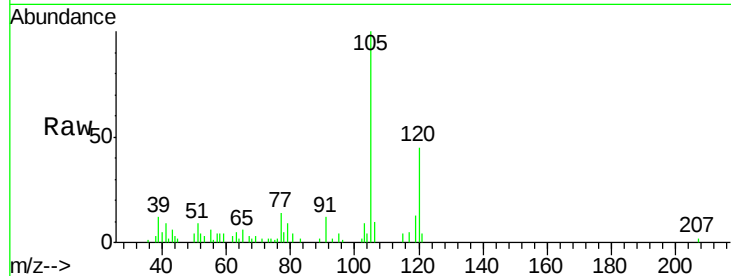
#84
 1,2,4-Trimethylbenzene
 Concen: 1.613 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Instrument :
 MSVOA_N
 ClientSampled :
 TP-5DL

Tot Ion	105	Resp	22202
Ion Ratio	Lower	Upper	
105	100		
120	44.4	21.3	63.9

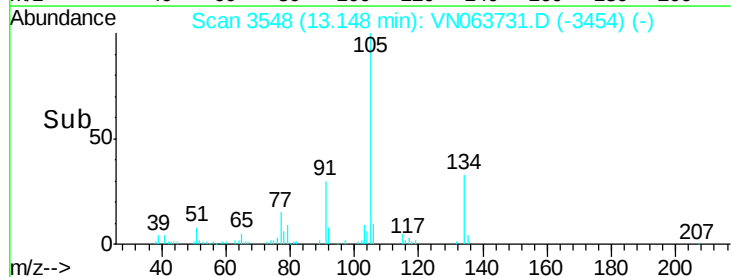
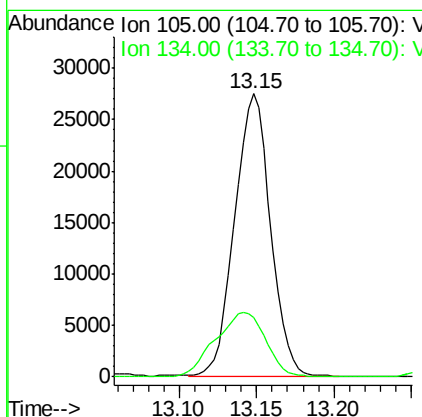
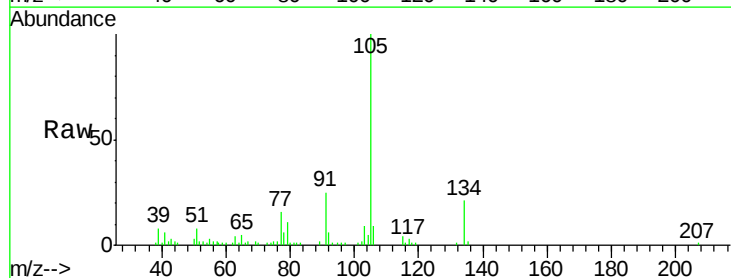
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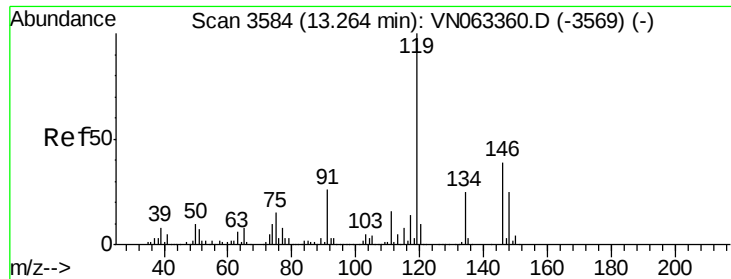
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#85
 sec-Butylbenzene
 Concen: 2.957 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Tgt Ion	105	Resp	44506
Ion Ratio	Lower	Upper	
105	100		
134	31.7	9.3	27.7#





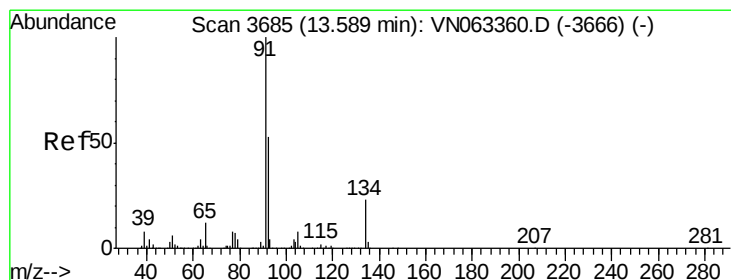
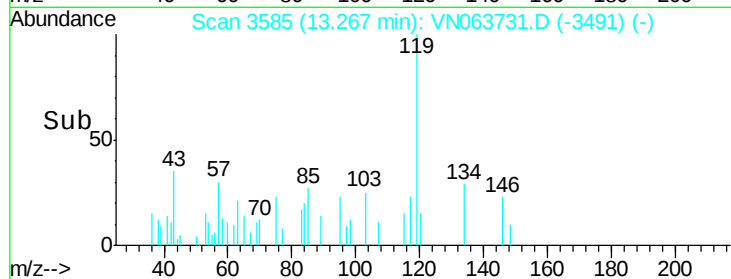
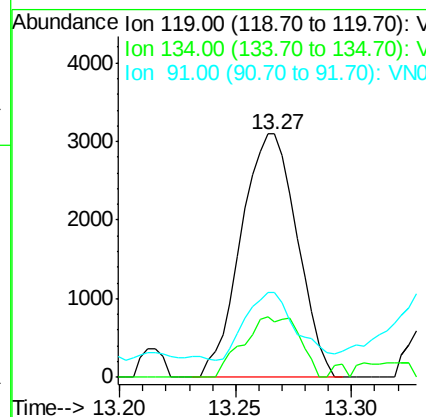
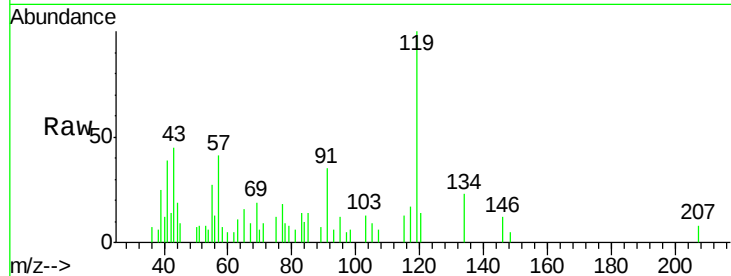
#86
 p-Isopropyltoluene
 Concen: 0.392 ug/l
 RT: 13.27 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5DL

Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.5	37.5#
91	0.0	13.4	40.1#

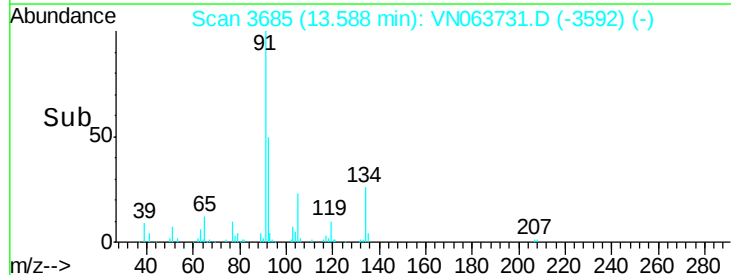
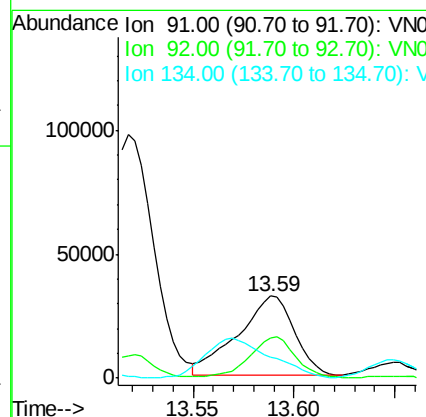
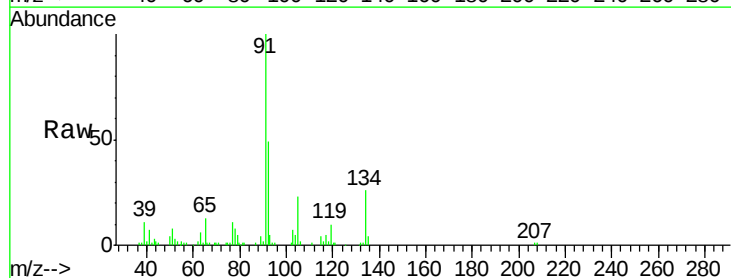
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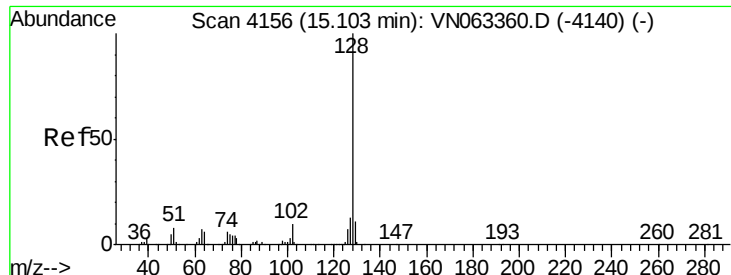
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#89
 n-Butylbenzene
 Concen: 5.075 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. -0.00 min
 Lab File: VN063731.D
 Acq: 29 Sep 2020 17:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.3	26.0	78.0
134	0.0	11.7	35.0#





#95
Naphthalene
Concen: 14.164 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063731.D
Acq: 29 Sep 2020 17:04

Instrument :
MSVOA_N
ClientSampleId :
TP-5DL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.3	8.8	13.2

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