

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063278.D
 Acq On : 9 Sep 2020 13:28
 Operator : JC/MD
 Sample : L3877-01MEDL 50X
 Misc : 3.84g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1MEDL

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:04:22 PM

Quant Time: Sep 10 04:09:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	447714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	850550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	833990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	401144	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	348458	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.55	113	268495	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.06	98	1084748	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.38	95	452722	61.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.24%	
Target Compounds						
40) Benzene	8.00	78	247951	10.319	ug/l	97
67) Ethyl Benzene	11.49	91	906736	29.590	ug/l	98
68) m/p-Xylenes	11.60	106	156886	13.823	ug/l	96
69) o-Xylene	11.92	106	28319	2.583	ug/l	98
73) Isopropylbenzene	12.23	105	40250	1.308	ug/l	92
78) n-propylbenzene	12.57	91	97416	2.736	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	284028	11.091	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	989367	38.328	ug/l	98
86) p-Isopropyltoluene	13.26	119	26098	1.027	ug/l	88
89) n-Butylbenzene	13.59	91	32912m	1.402	ug/l	
95) Naphthalene	15.10	128	7896826	341.532	ug/l #	86

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

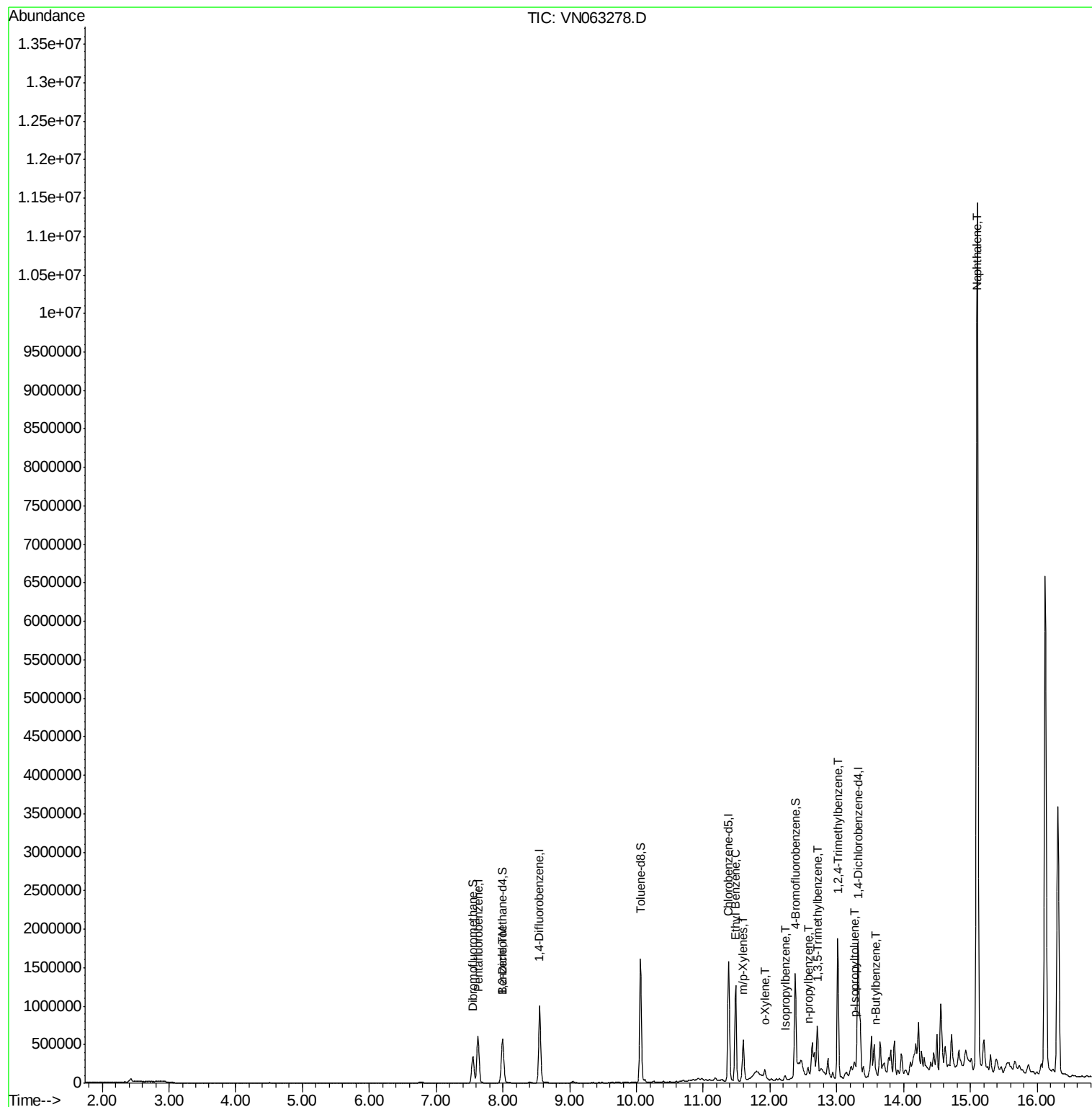
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090920\
Data File : VN063278.D
Acq On : 9 Sep 2020 13:28
Operator : JC/MD
Sample : L3877-01MEDL 50X
Misc : 3.84g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

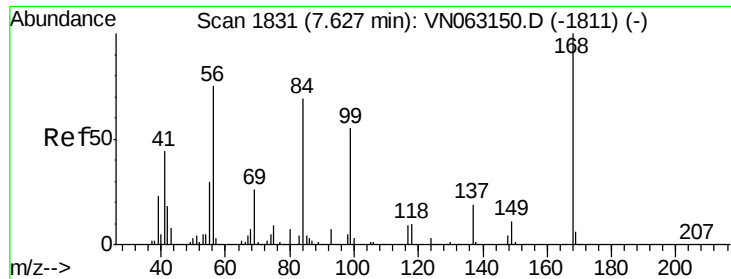
Instrument :
MSVOA_N
ClientSampleId :
TP-1MEDL

Manual Integrations
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Quant Time: Sep 10 04:09:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 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: VN063278.D

Acq: 9 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

TP-1MEDL

Tot Ion:168 Resp: 447714

Ion Ratio Lower Upper

168 100

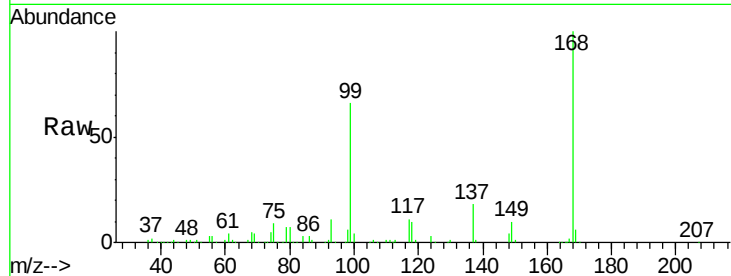
99 66.1 54.2 81.2

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

7.63

200000

150000

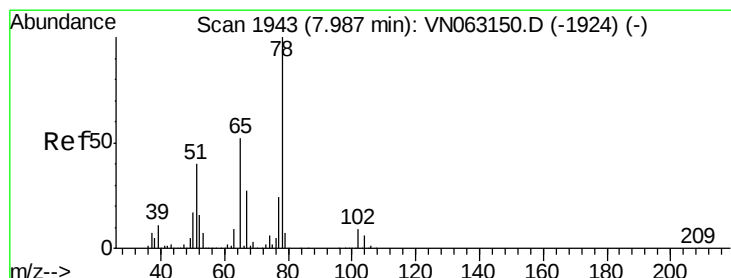
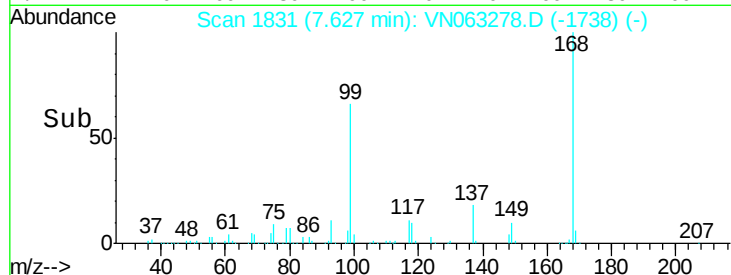
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.611 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063278.D

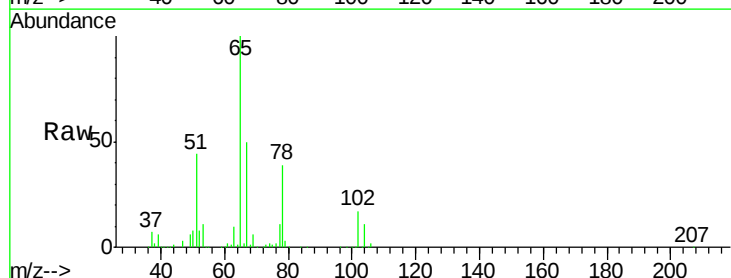
Acq: 9 Sep 2020 13:28

Tgt Ion: 65 Resp: 348458

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

150000

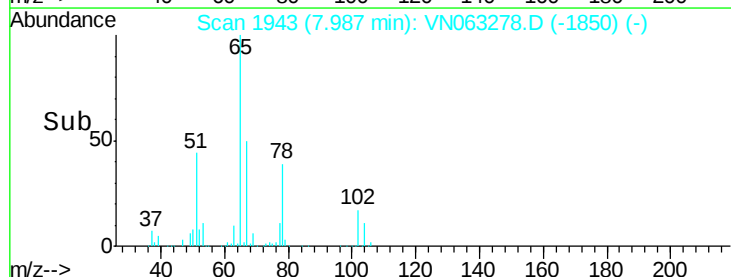
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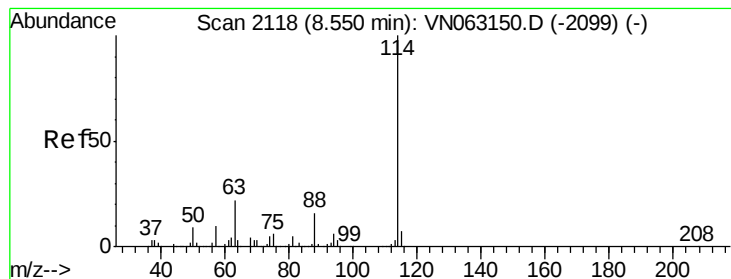
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063278.D

Acq: 9 Sep 2020 13:28

Instrument :

MSVOA_N

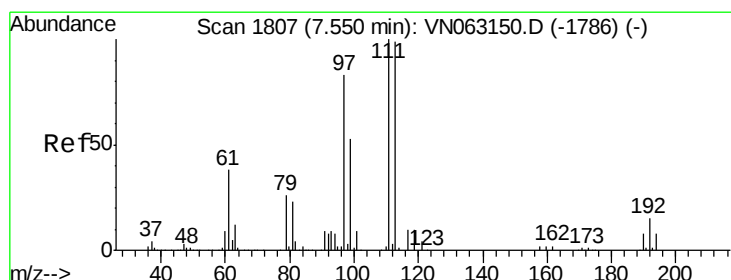
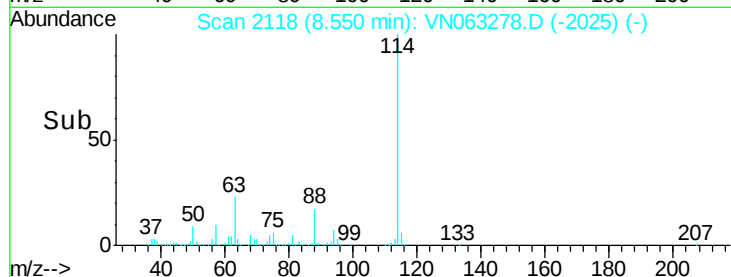
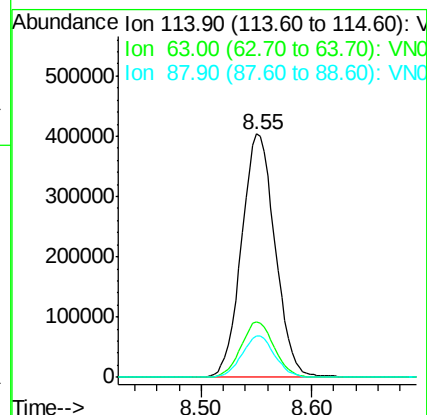
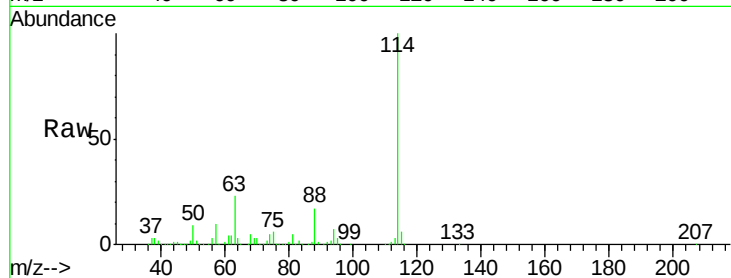
ClientSampleId :

TP-1MEDL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	850550		
63	23.0		0.0	43.0
88	17.0		0.0	31.6

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#35

Dibromofluoromethane

Concen: 49.205 ug/l

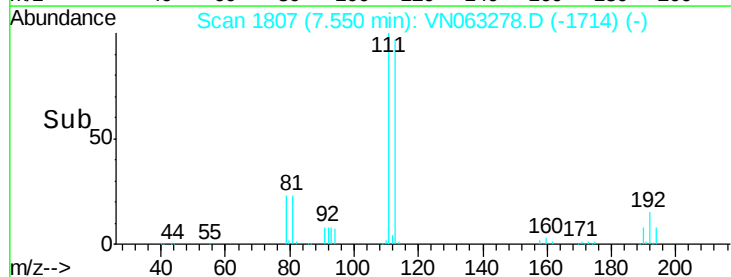
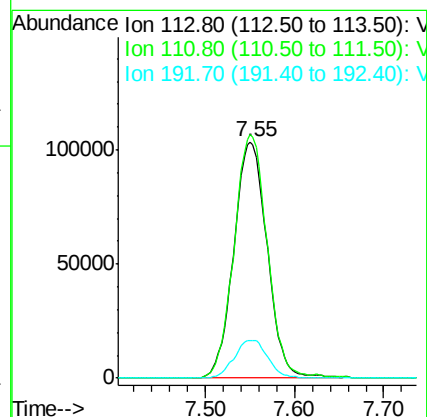
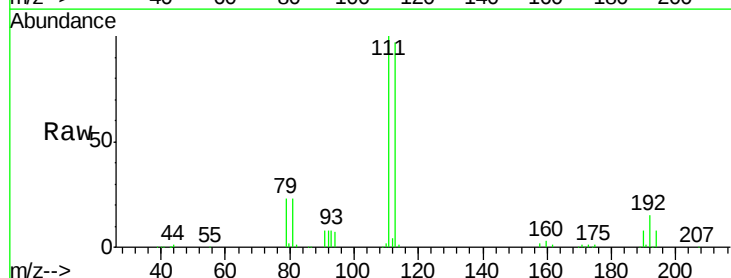
RT: 7.55 min Scan# 1807

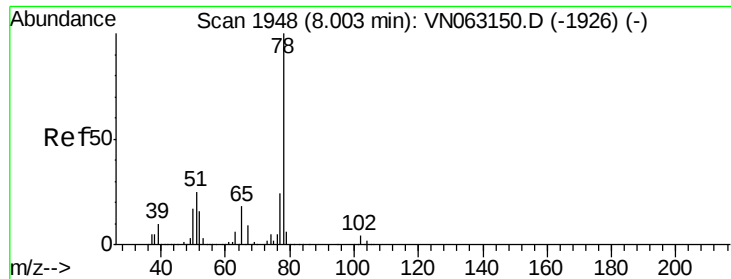
Delta R.T. 0.00 min

Lab File: VN063278.D

Acq: 9 Sep 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	268495		
111	101.9		80.7	121.1
192	16.1		12.6	19.0





#40

Benzene

Concen: 10.319 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063278.D

Acq: 9 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

TP-1MEDL

Tot Ion: 78 Resp: 247951

Ion Ratio Lower Upper

78 100

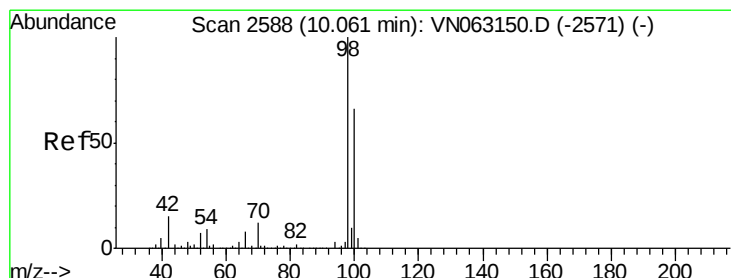
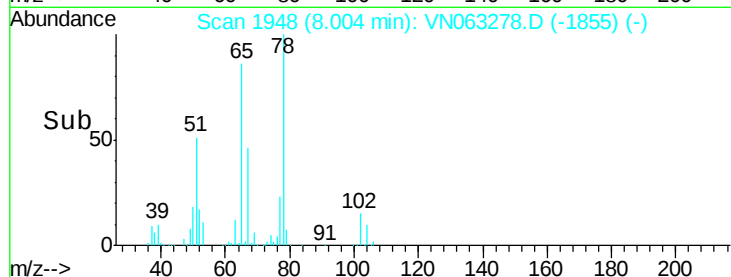
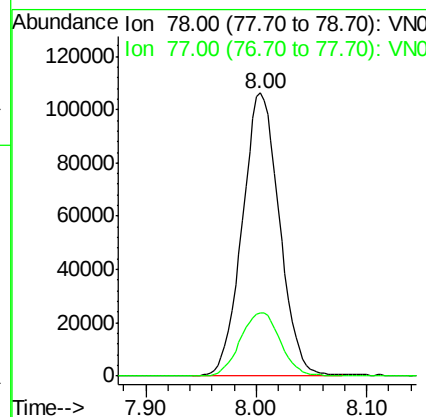
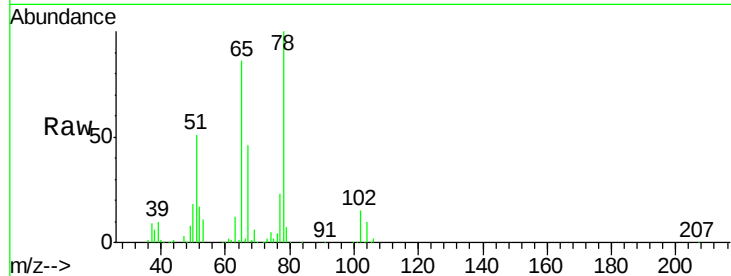
77 22.5 19.3 28.9

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#50

Toluene-d8

Concen: 51.647 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063278.D

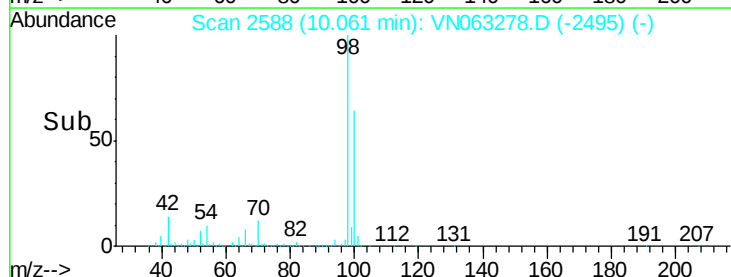
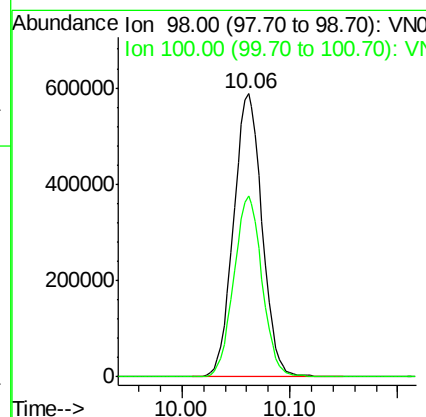
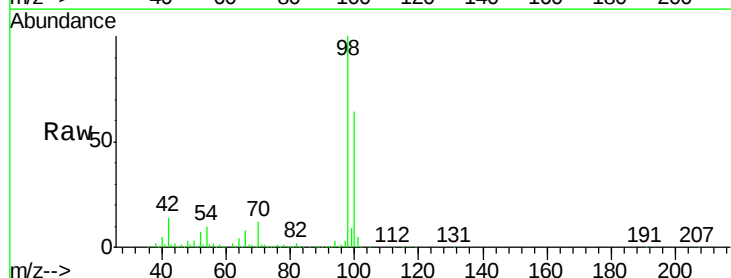
Acq: 9 Sep 2020 13:28

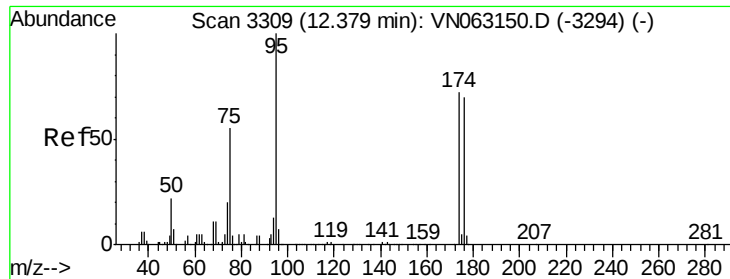
Tgt Ion: 98 Resp: 1084748

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0





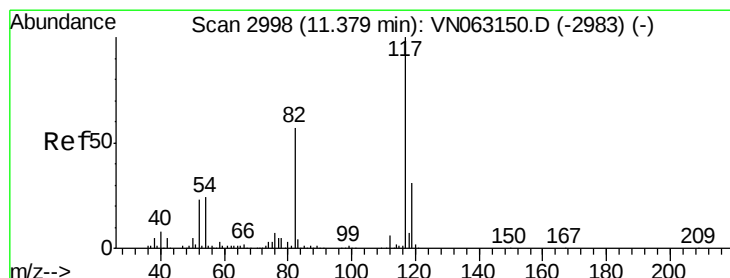
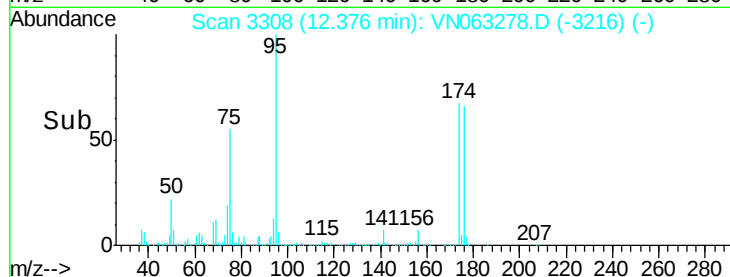
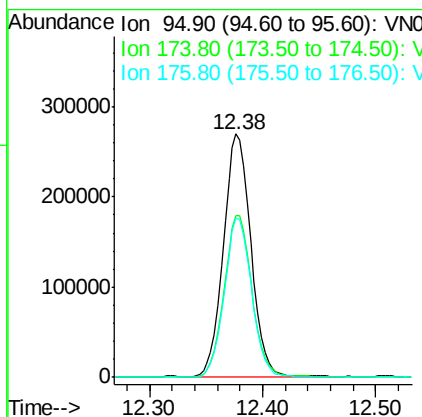
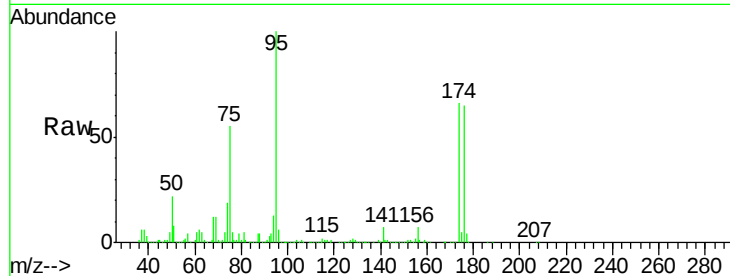
#62
4-Bromofluorobenzene
Concen: 61.621 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063278.D
Acq: 9 Sep 2020 13:28

Instrument :
MSVOA_N
ClientSampleId :
TP-1MEDL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	452722		
174	67.8	0.0	143.8	
176	65.4	0.0	138.4	

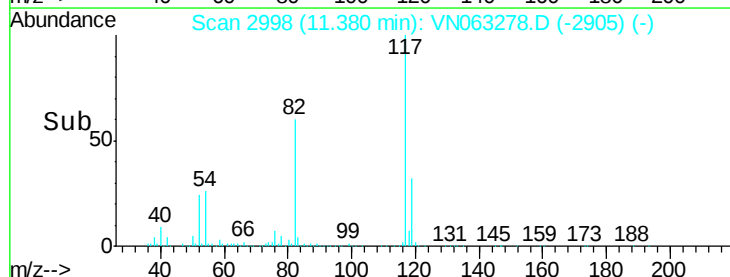
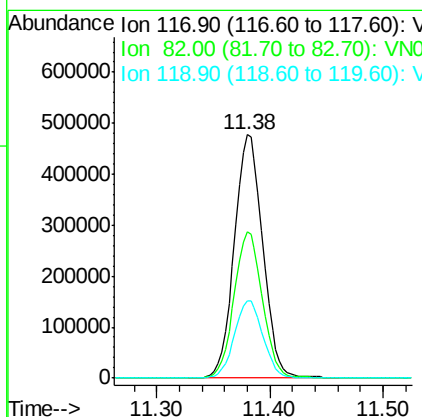
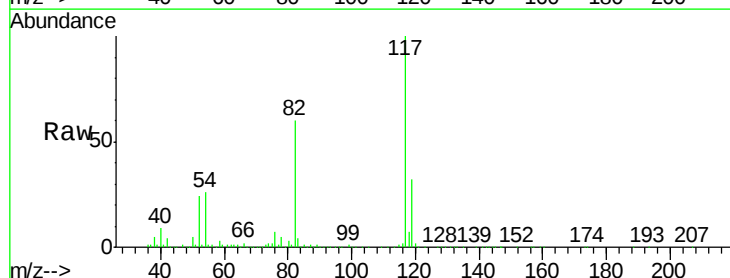
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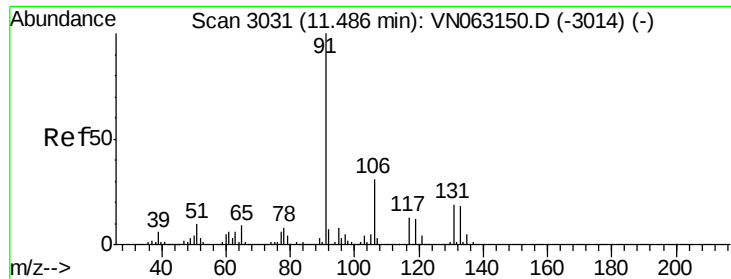
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063278.D
Acq: 9 Sep 2020 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	833990		
82	59.9	45.4	68.0	
119	31.5	24.6	37.0	





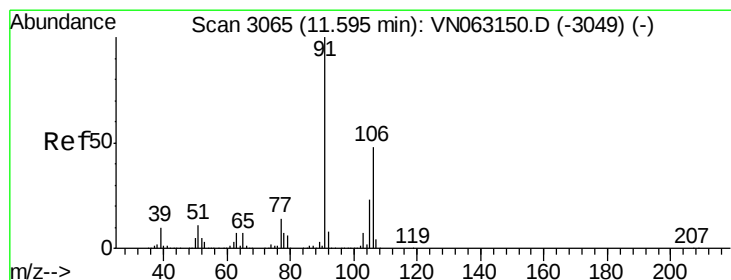
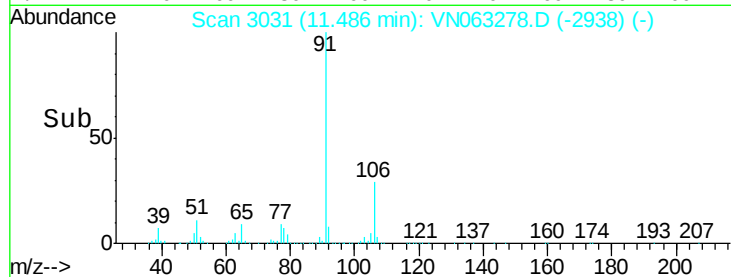
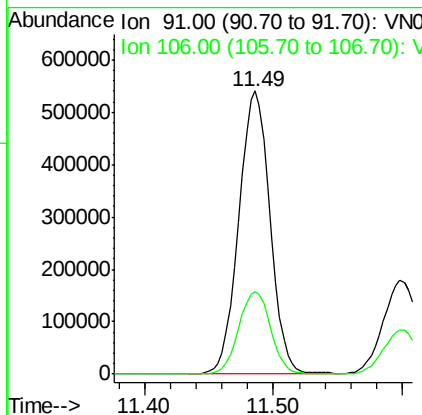
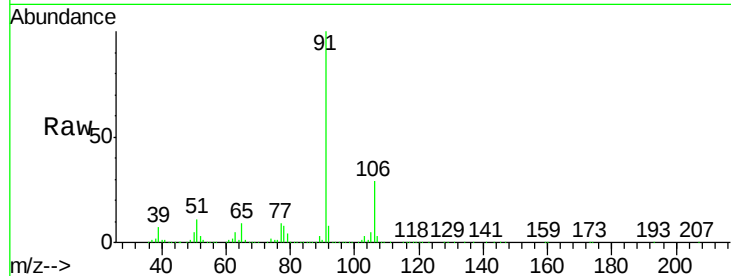
#67
Ethyl Benzene
Concen: 29.590 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063278.D
Acq: 9 Sep 2020 13:28

Instrument :
MSVOA_N
ClientSampleId :
TP-1MEDL

Tot Ion: 91 Resp: 906736
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6

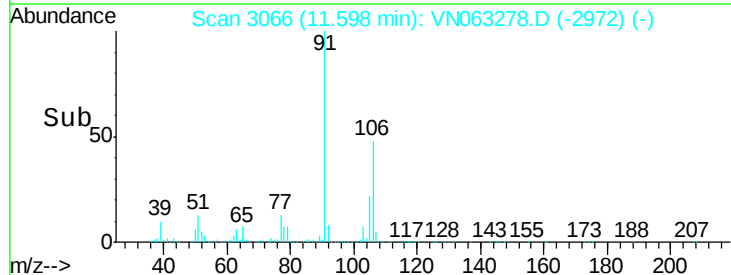
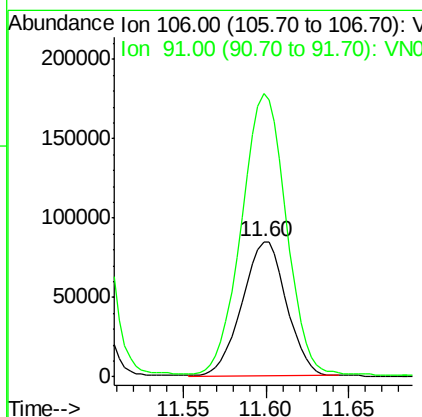
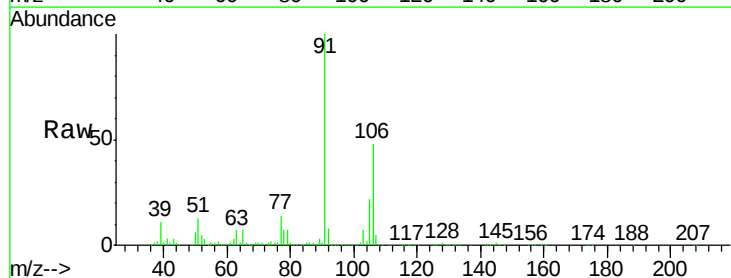
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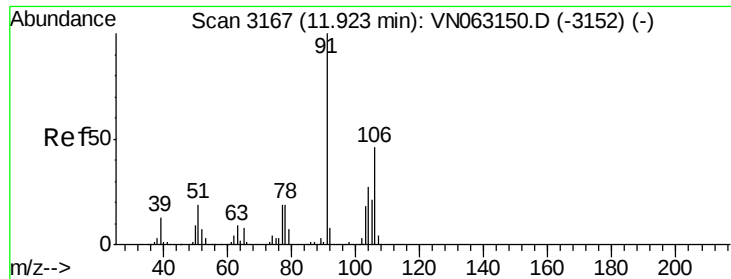
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#68
m/p-Xylenes
Concen: 13.823 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN063278.D
Acq: 9 Sep 2020 13:28

Tgt Ion: 106 Resp: 156886
Ion Ratio Lower Upper
106 100
91 214.3 166.7 250.1





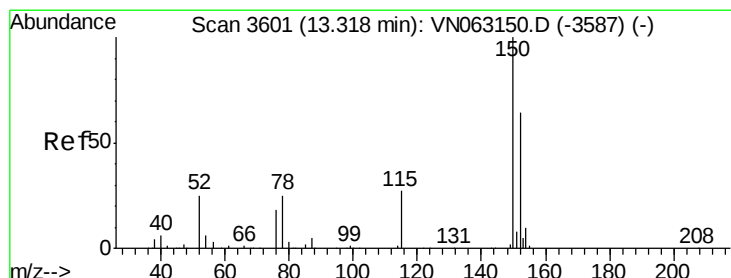
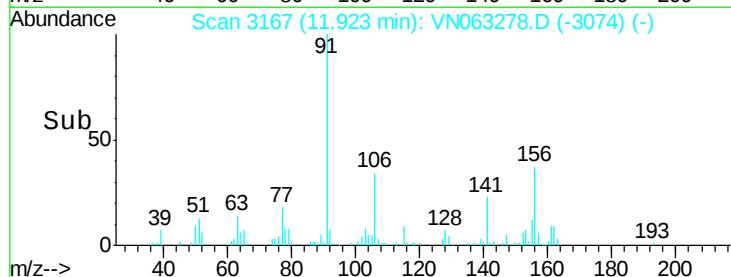
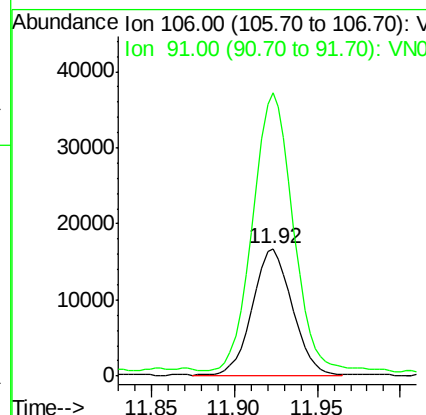
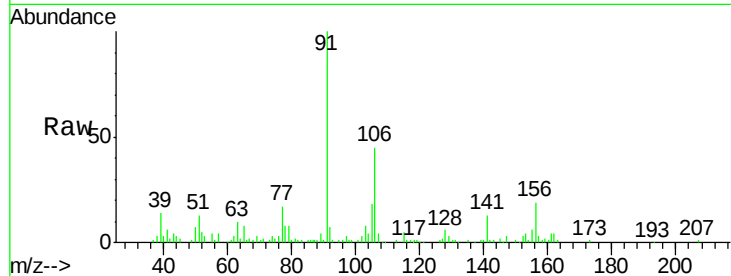
#69
o-Xylene
Concen: 2.583 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063278.D
Acq: 9 Sep 2020 13:28

Instrument :
MSVOA_N
ClientSampled :
TP-1MEDL

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.4	108.6	325.6

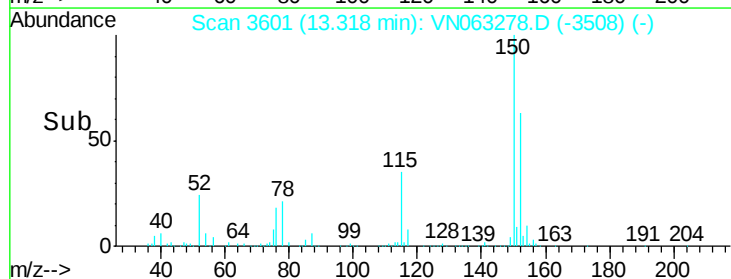
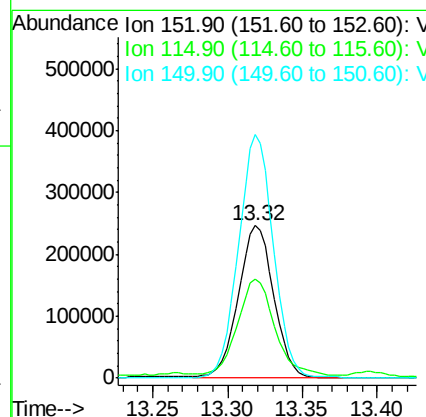
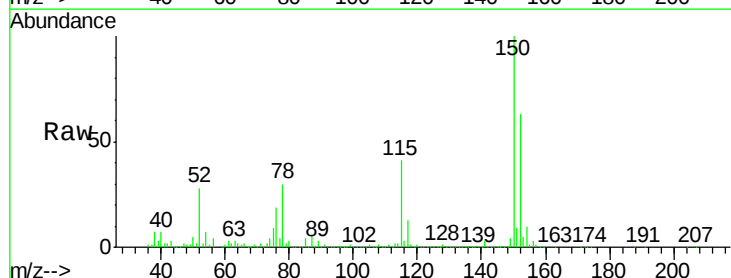
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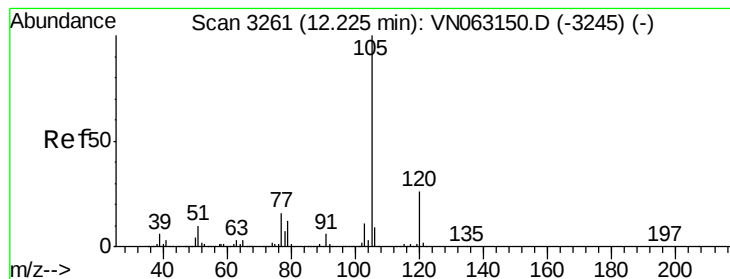
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063278.D
Acq: 9 Sep 2020 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.6	32.0	96.2
150	158.5	0.0	353.0





#73

Isopropylbenzene

Concen: 1.308 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063278.D

Acq: 9 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampled :

TP-1MEDL

Tot Ion:105 Resp: 40250

Ion Ratio Lower Upper

105 100

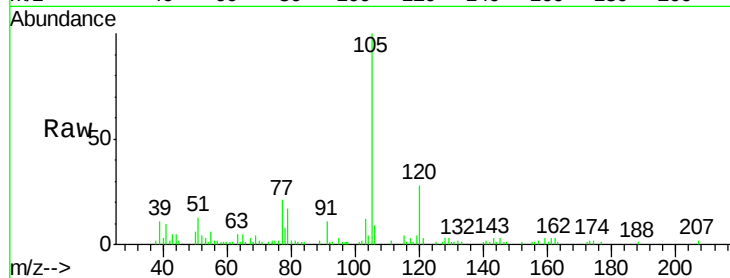
120 29.7 12.9 38.6

Manual Integrations

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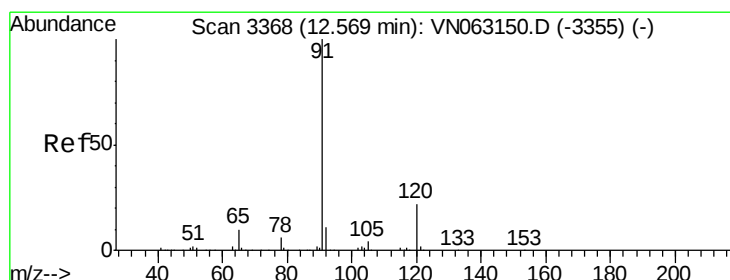
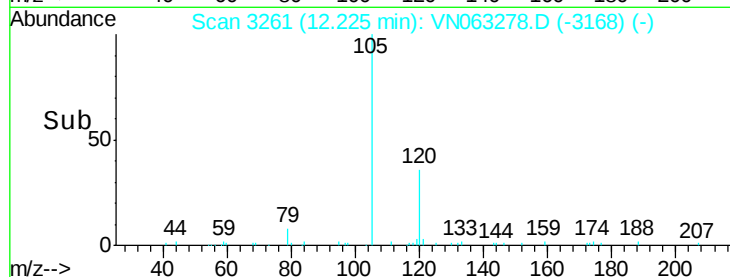
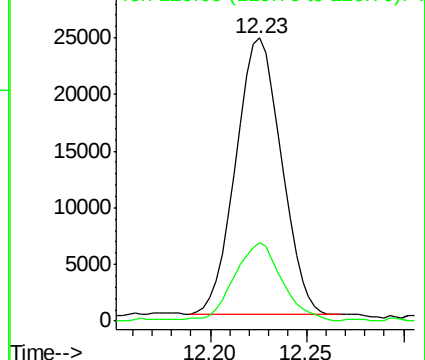
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9/10/2020 4:04:22 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 2.736 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063278.D

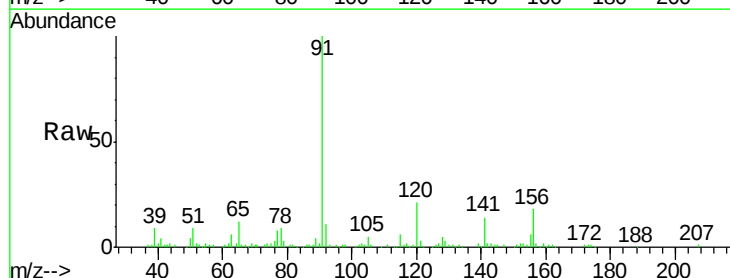
Acq: 9 Sep 2020 13:28

Tgt Ion: 91 Resp: 97416

Ion Ratio Lower Upper

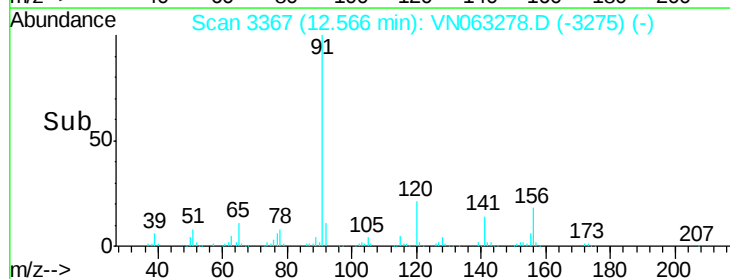
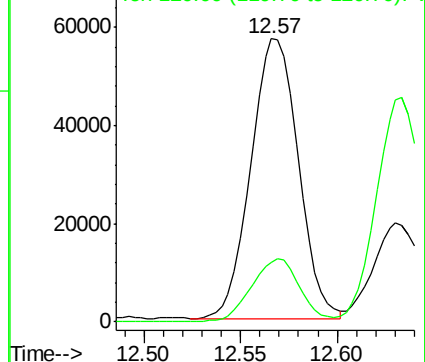
91 100

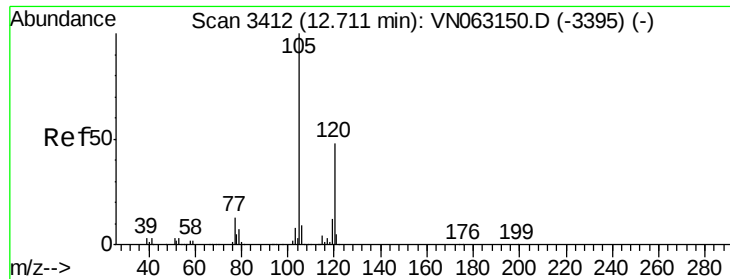
120 23.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 11.091 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063278.D

Acq: 9 Sep 2020 13:28

Instrument :

MSVOA_N

ClientSampleId :

TP-1MEDL

Tot Ion:105 Resp: 284028

Ion Ratio Lower Upper

105 100

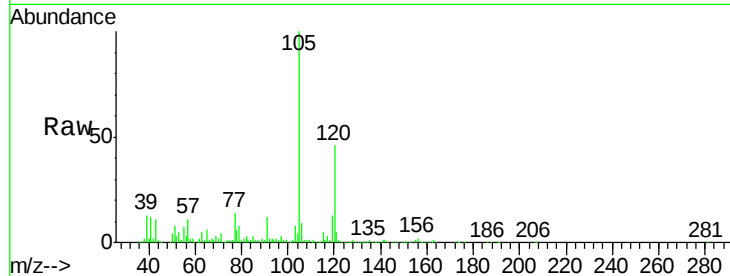
120 47.2 24.2 72.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.71

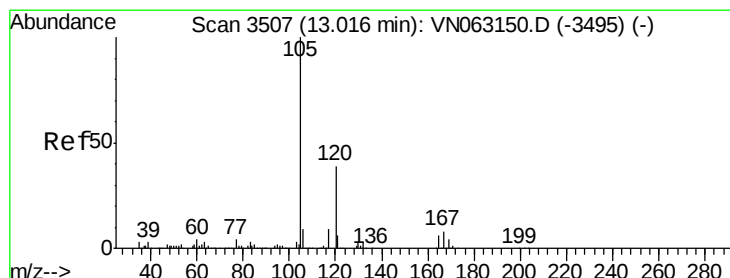
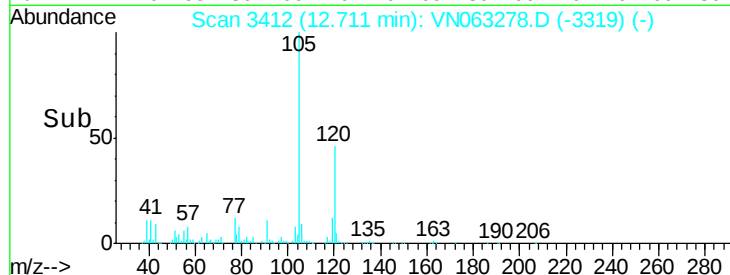
150000

100000

50000

0

Time--> 12.65 12.70 12.75



#84

1,2,4-Trimethylbenzene

Concen: 38.328 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063278.D

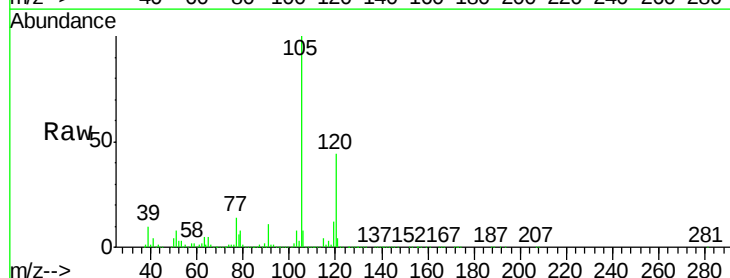
Acq: 9 Sep 2020 13:28

Tgt Ion:105 Resp: 989367

Ion Ratio Lower Upper

105 100

120 44.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.02

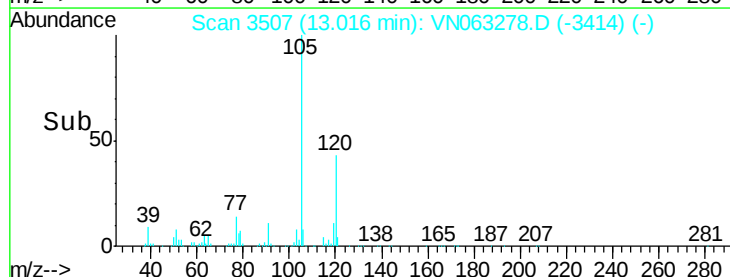
600000

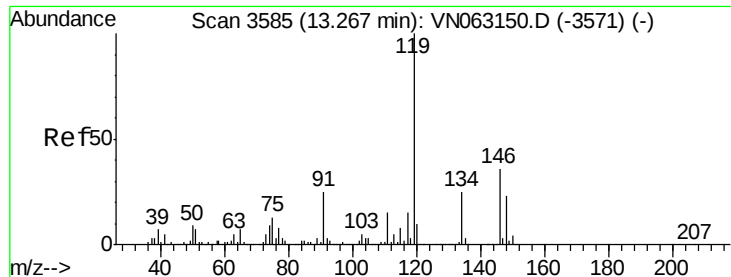
400000

200000

0

Time--> 12.90 13.00 13.10





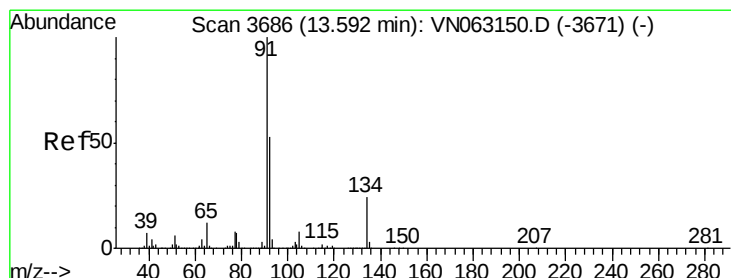
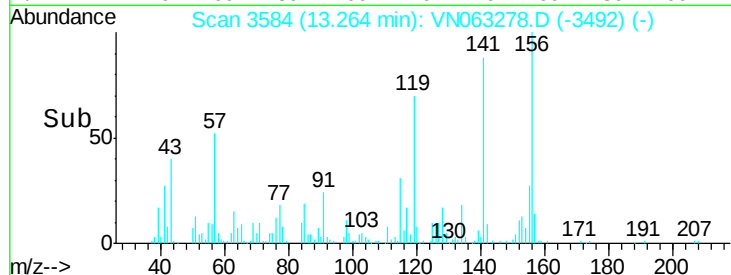
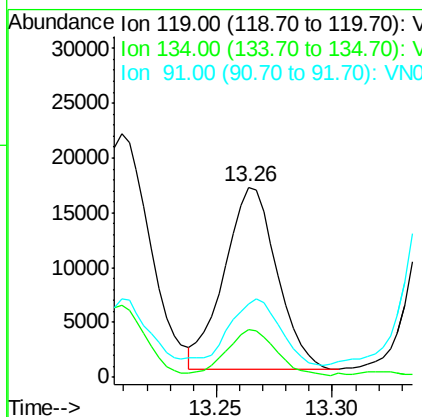
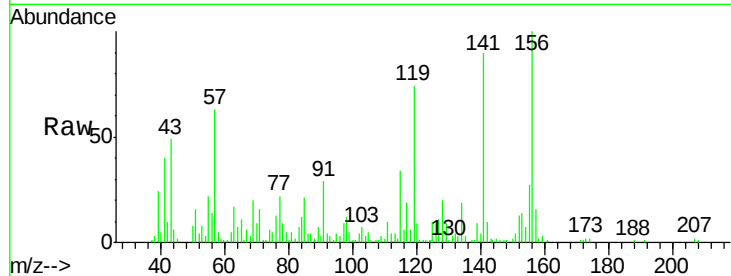
#86
p-Isopropyltoluene
Concen: 1.027 ug/l
RT: 13.26 min Scan# 3584
Delta R.T. -0.00 min
Lab File: VN063278.D
Acq: 9 Sep 2020 13:28

Instrument :
MSVOA_N
ClientSampleId :
TP-1MEDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.3	12.4	37.4
91	35.9	12.2	36.6

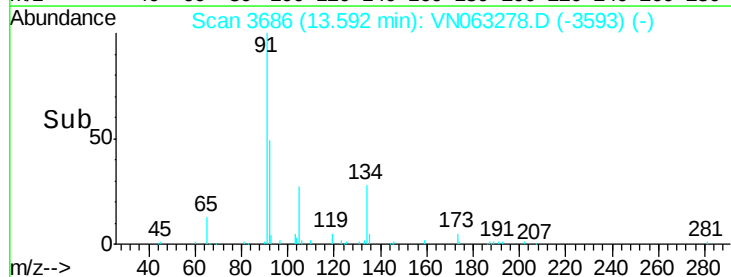
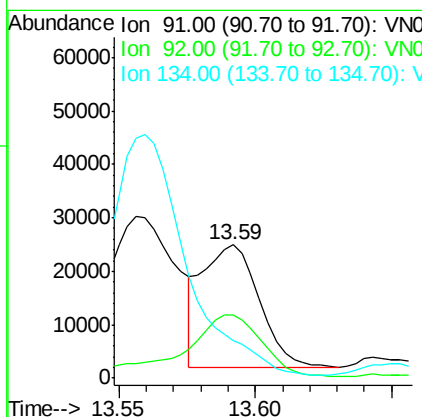
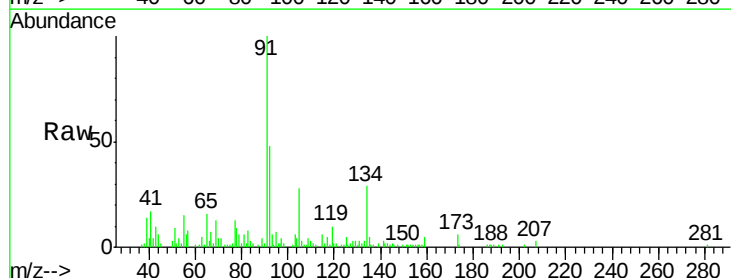
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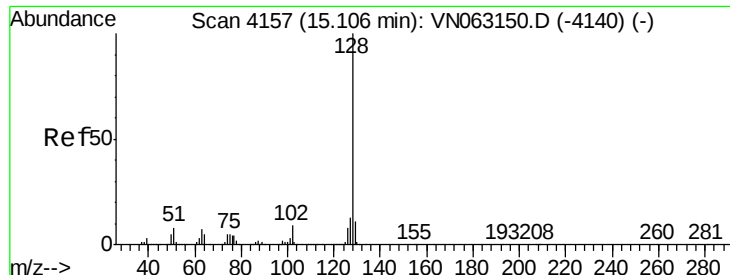
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#89
n-Butylbenzene
Concen: 1.402 ug/l m
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063278.D
Acq: 9 Sep 2020 13:28

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.3	78.8#
134	265.3	12.0	36.0#





#95
Naphthalene
Concen: 341.532 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063278.D
Acq: 9 Sep 2020 13:28

Instrument :
MSVOA_N
ClientSampleId :
TP-1MEDL

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.6	10.5	15.7#
129	15.8	8.6	13.0#

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