

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059135.D
 Acq On : 8 Nov 2019 15:53
 Operator : JC/SP
 Sample : K5742-05MEDL 10X
 Misc : 6.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)MEDL

Manual Integrations
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MMDadoda
 11/11/2019 10:35:12 AM

Quant Time: Nov 11 01:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	462548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	709437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	631130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	284240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	277329	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
35) Dibromofluoromethane	7.56	113	214121	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.08	98	963495	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	
62) 4-Bromofluorobenzene	12.40	95	318360	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.61	56	345543	39.036	ug/l #	72
39) Methylcyclohexane	9.06	83	1054554	137.025	ug/l	100
67) Ethyl Benzene	11.51	91	418505	19.172	ug/l	99
68) m/p-Xylenes	11.61	106	536594	65.624	ug/l	100
69) o-Xylene	11.94	106	12504	1.582	ug/l	86
73) Isopropylbenzene	12.25	105	68914	3.333	ug/l	99
78) n-propylbenzene	12.59	91	367614	15.528	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	739738	42.223	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2114008	124.719	ug/l	100
85) sec-Butylbenzene	13.17	105	60000m	3.049	ug/l	
86) p-Isopropyltoluene	13.29	119	40102	2.308	ug/l	96
89) n-Butylbenzene	13.61	91	165726	10.898	ug/l #	73
95) Naphthalene	15.13	128	393434	28.129	ug/l	100

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

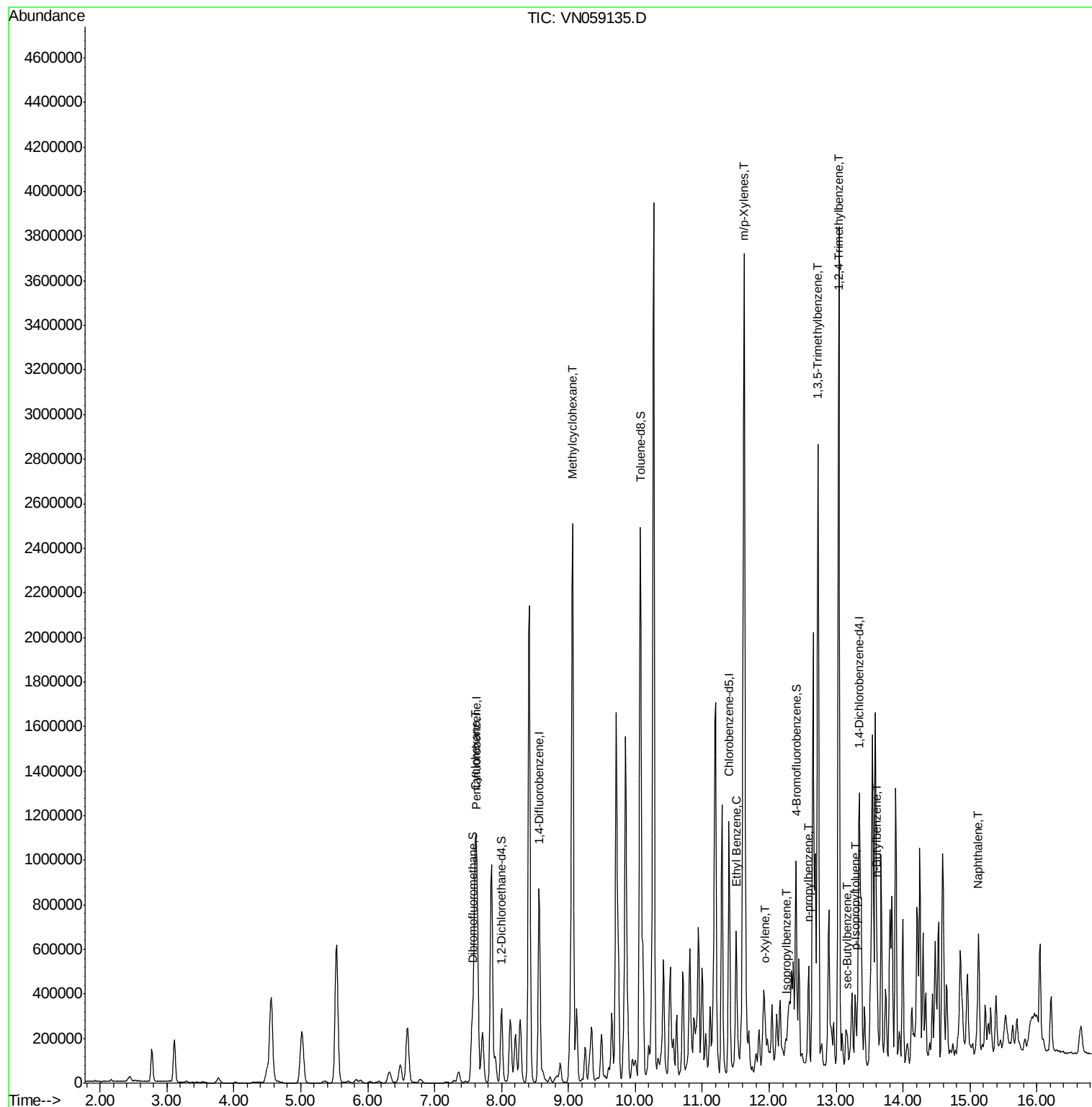
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110819\
Data File : VN059135.D
Acq On : 8 Nov 2019 15:53
Operator : JC/SP
Sample : K5742-05MEDL 10X
Misc : 6.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

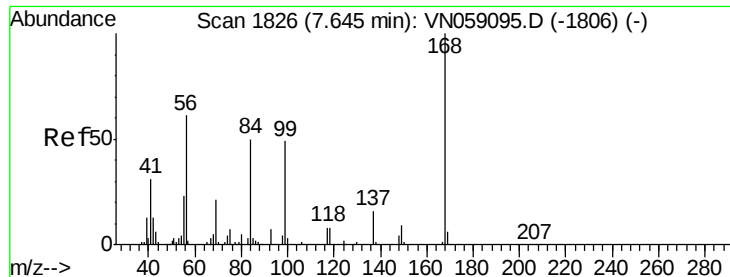
Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)MEDL

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Quant Time: Nov 11 01:22:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)MEDL

Tot Ion:168 Resp: 462548

Ion Ratio Lower Upper

168 100

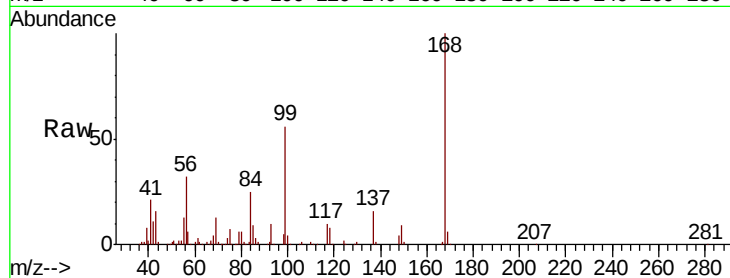
99 56.2 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

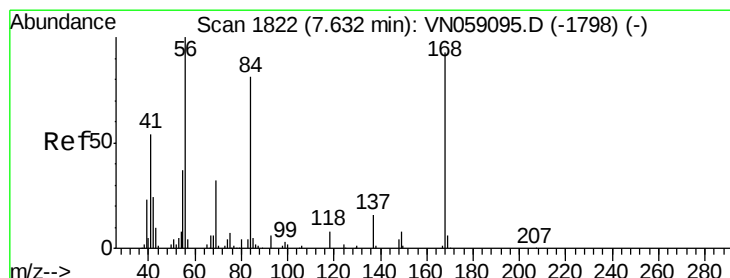
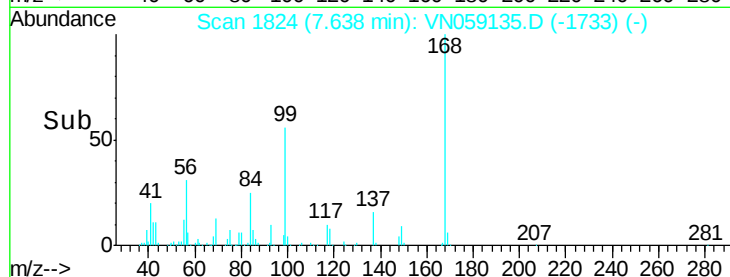
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#31

Cyclohexane

Concen: 39.036 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.02 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

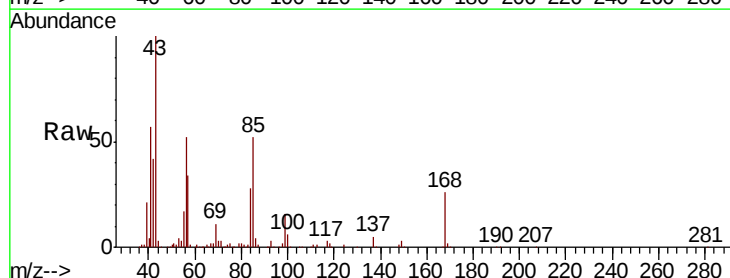
Tgt Ion: 56 Resp: 345543

Ion Ratio Lower Upper

56 100

69 19.8 25.8 38.8#

84 53.7 65.0 97.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

7.61

150000

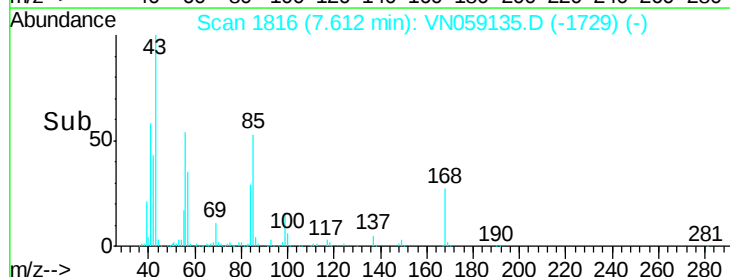
100000

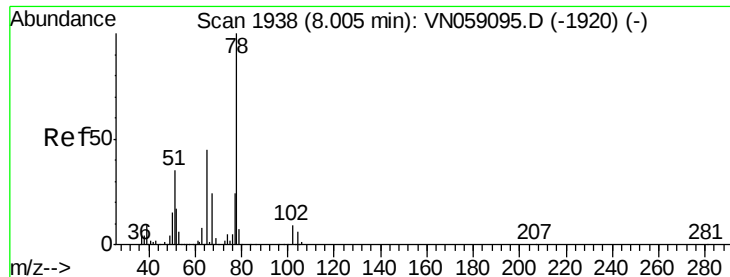
50000

0

7.50 7.55 7.60 7.65 7.70

Time-->





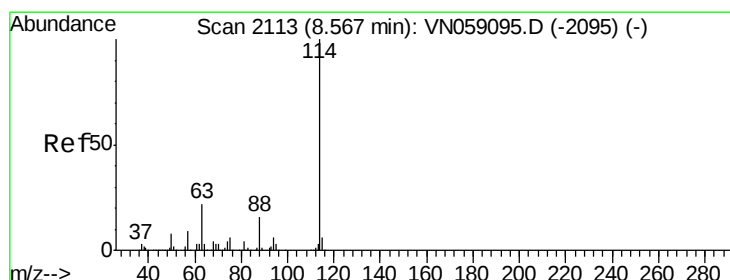
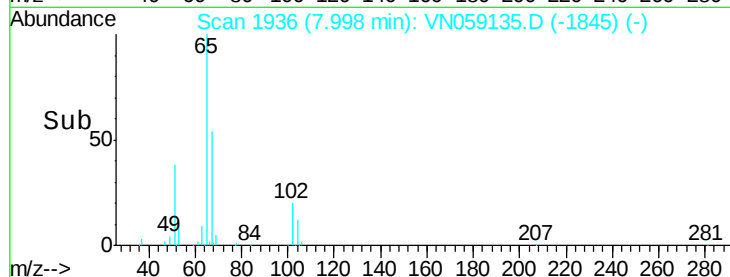
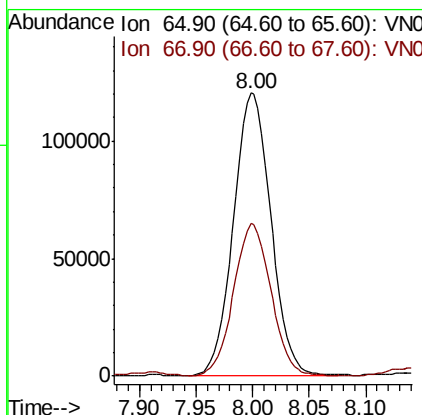
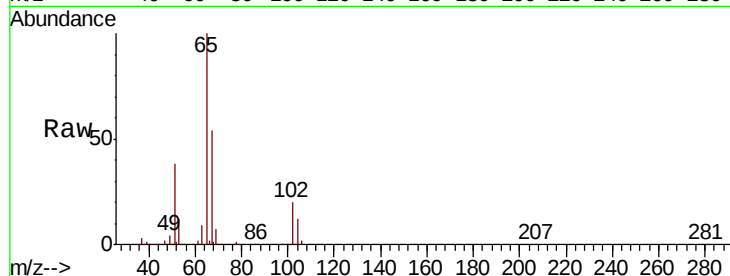
#33
 1,2-Dichloroethane-d4
 Concen: 48.775 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN059135.D
 Acq: 8 Nov 2019 15:53

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-22-(14-15)MEDL

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	107.4	

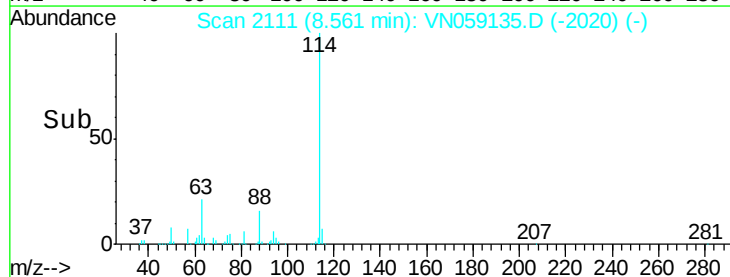
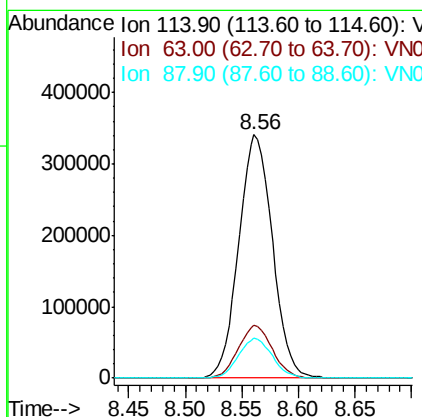
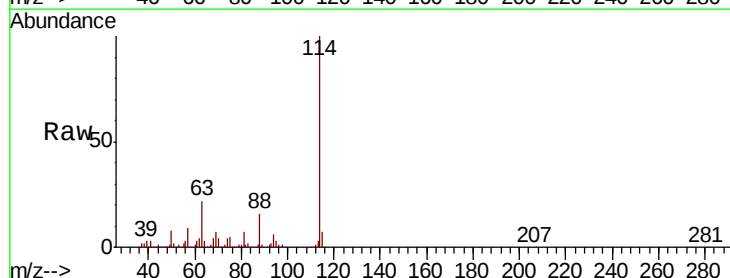
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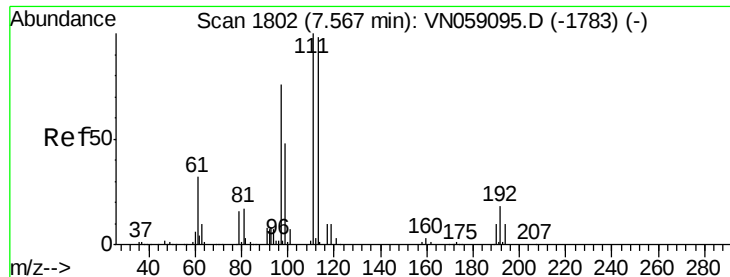
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: VN059135.D
 Acq: 8 Nov 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.5	0.0	43.4	
88	16.3	0.0	32.2	





#35

Dibromofluoromethane

Concen: 50.548 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

Instrument :

MSVOA_N

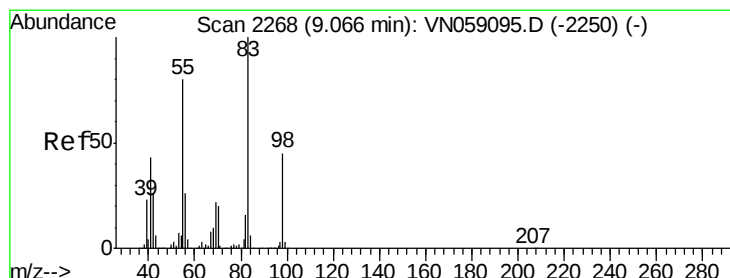
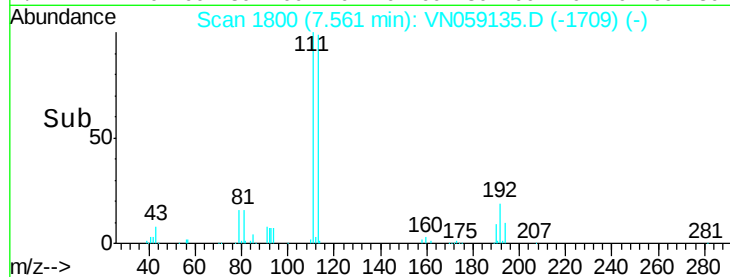
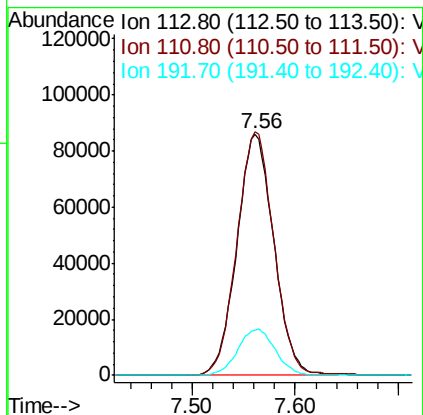
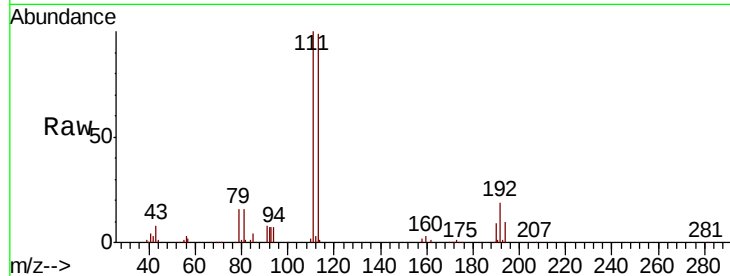
ClientSampleId :

SB-22-(14-15)MEDL

Tot Ion:	113	Resp:	214121
Ion Ratio	Lower	Upper	
113	100		
111	100.8	82.8	124.2
192	19.4	16.1	24.1

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#39

Methylcyclohexane

Concen: 137.025 ug/l

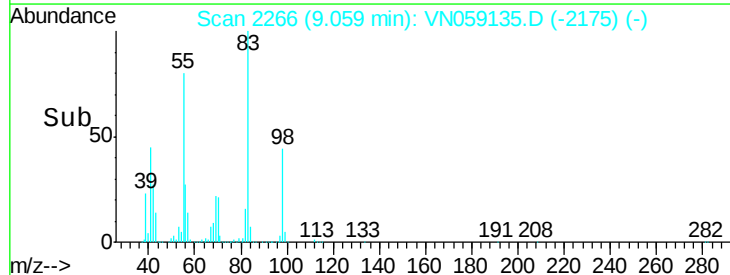
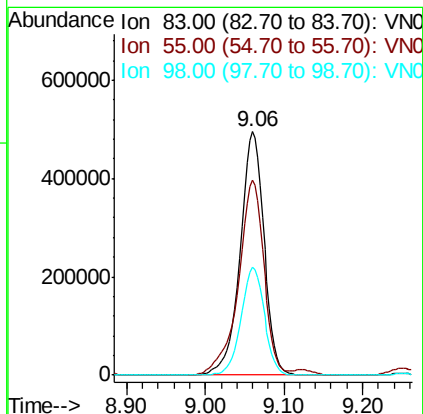
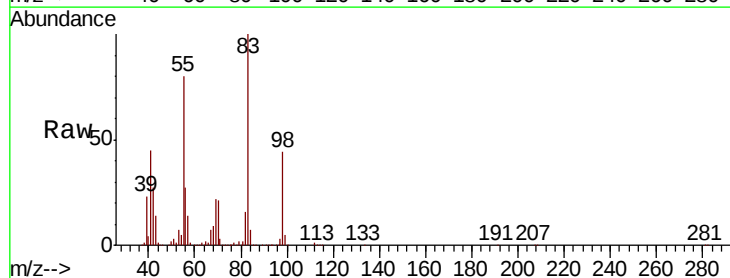
RT: 9.06 min Scan# 2266

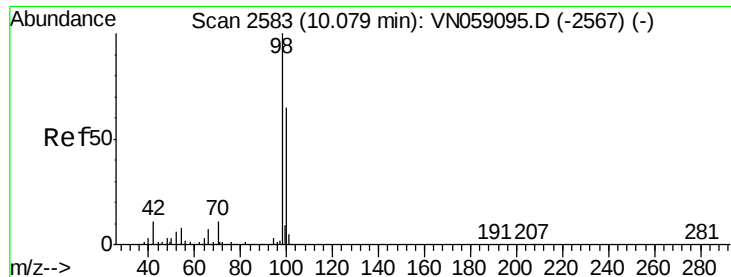
Delta R.T. -0.01 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

Tgt Ion:	83	Resp:	1054554
Ion Ratio	Lower	Upper	
83	100		
55	80.0	63.9	95.9
98	44.2	35.6	53.4





#50

Toluene-d8

Concen: 57.745 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)MEDL

Tot Ion: 98 Resp: 963495

Ion Ratio Lower Upper

98 100

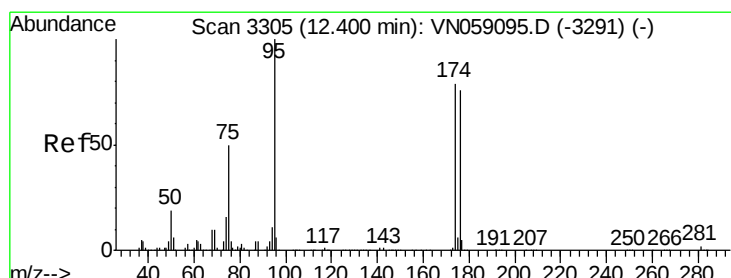
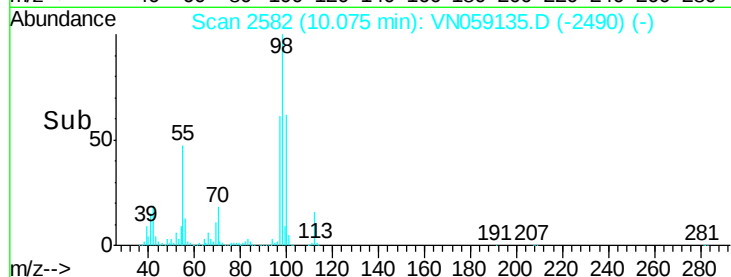
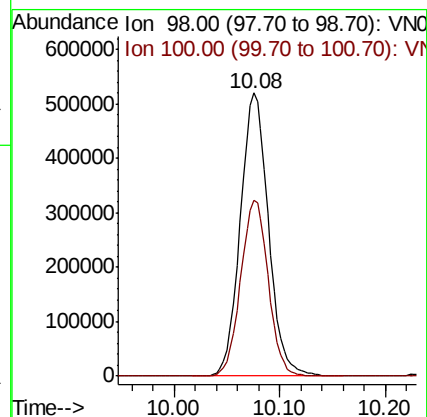
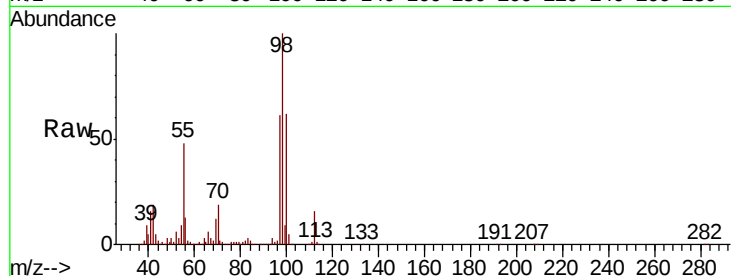
100 60.7 52.2 78.2

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#62

4-Bromofluorobenzene

Concen: 52.918 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

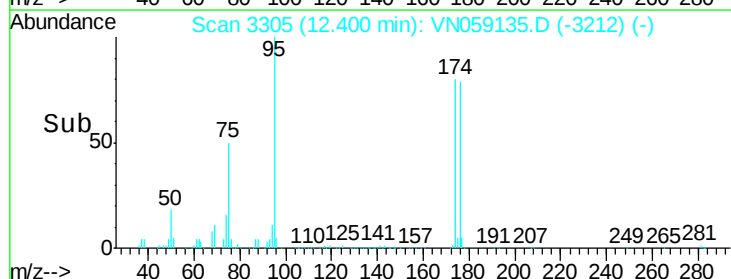
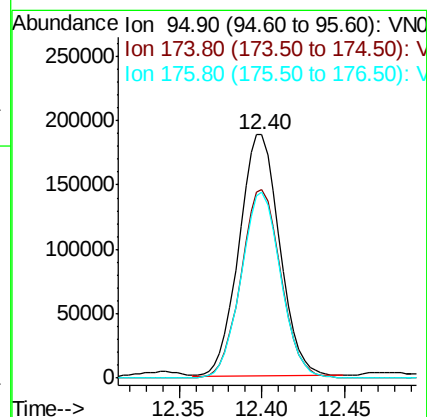
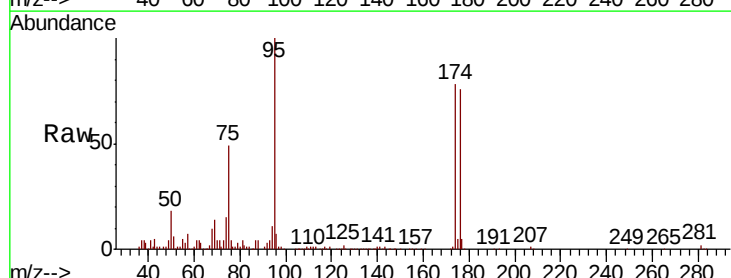
Tgt Ion: 95 Resp: 318360

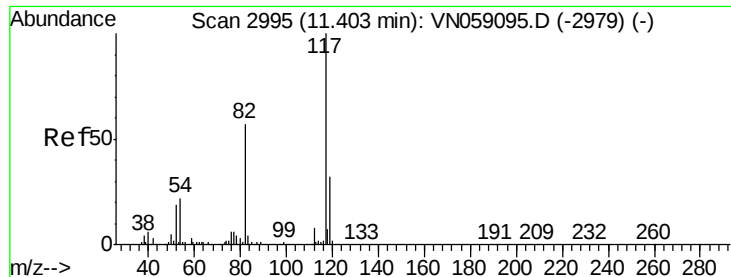
Ion Ratio Lower Upper

95 100

174 77.5 0.0 158.2

176 75.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

Instrument :

MSVOA_N

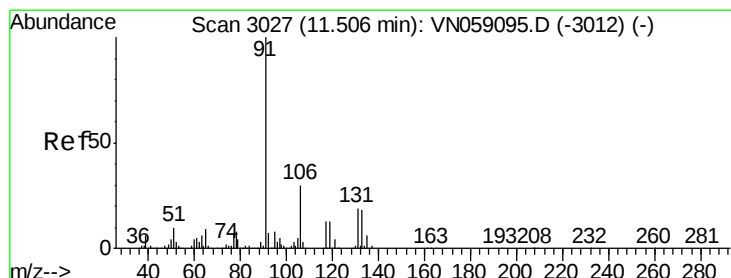
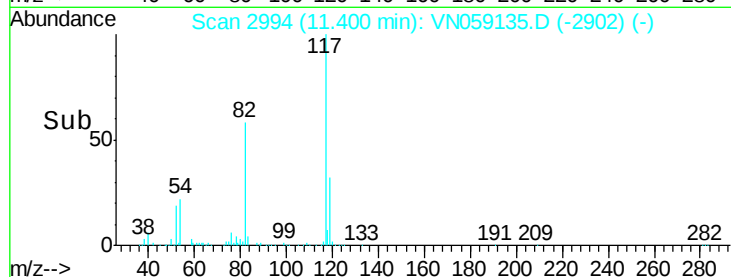
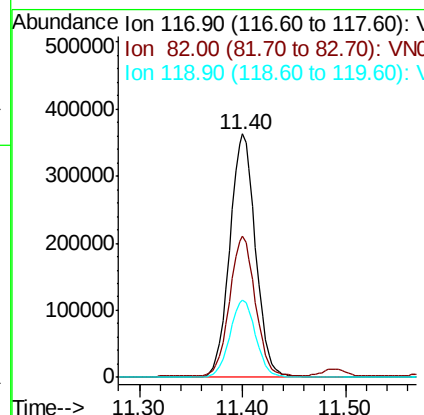
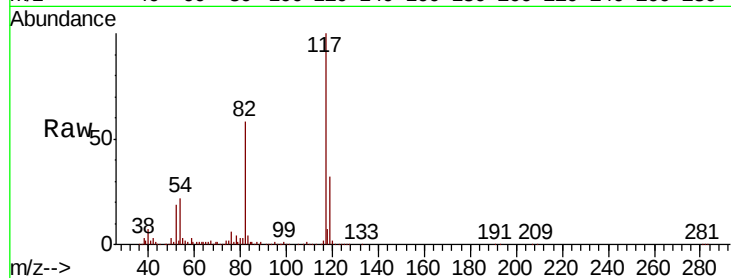
ClientSampleId :

SB-22-(14-15)MEDL

Tot Ion:	117	Resp:	631130
Ion Ratio	Lower	Upper	
117	100		
82	57.5	45.8	68.8
119	31.8	25.8	38.6

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#67

Ethyl Benzene

Concen: 19.172 ug/l

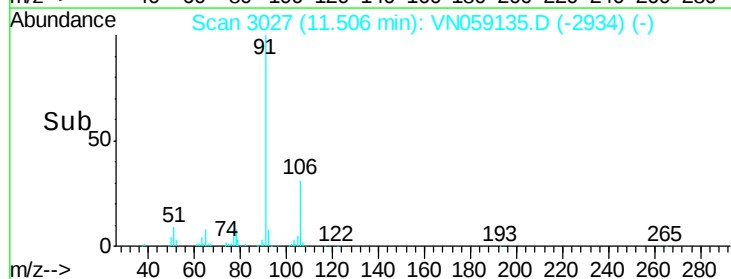
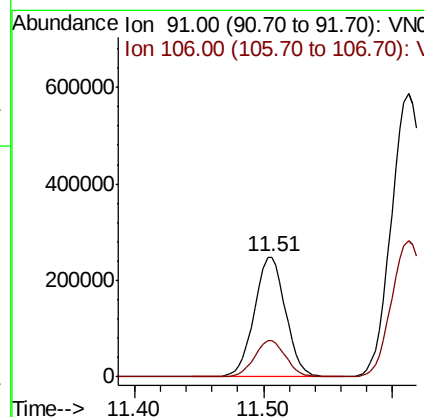
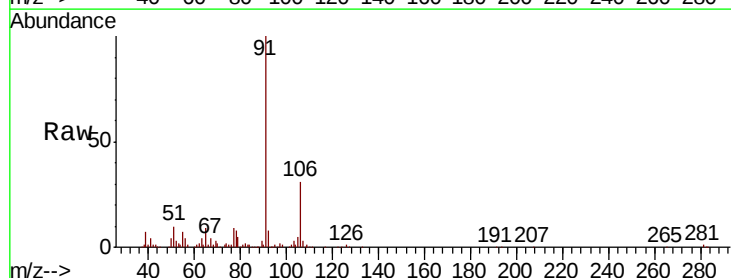
RT: 11.51 min Scan# 3027

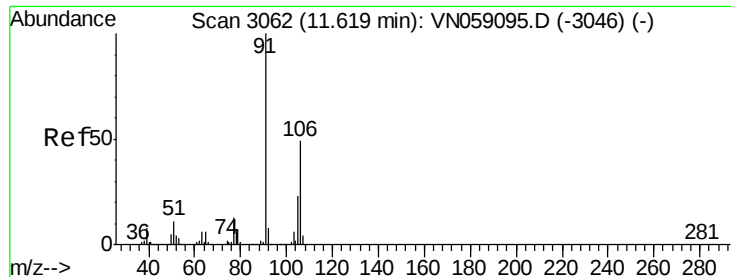
Delta R.T. -0.00 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

Tgt Ion:	91	Resp:	418505
Ion Ratio	Lower	Upper	
91	100		
106	30.6	24.1	36.1





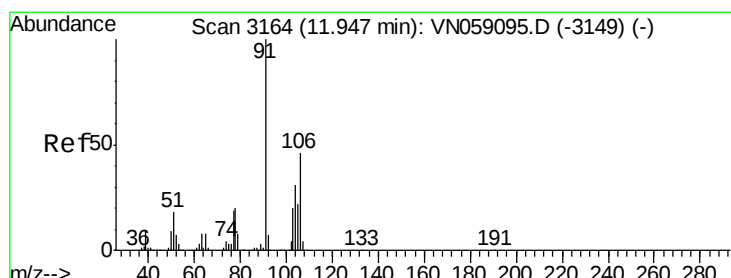
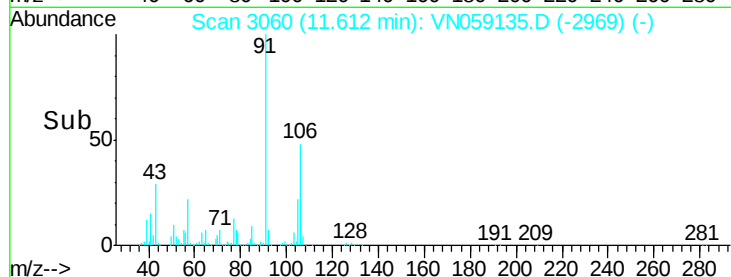
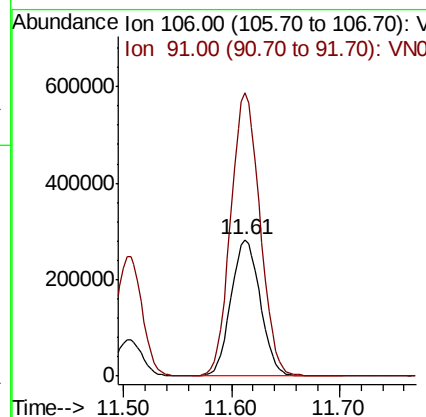
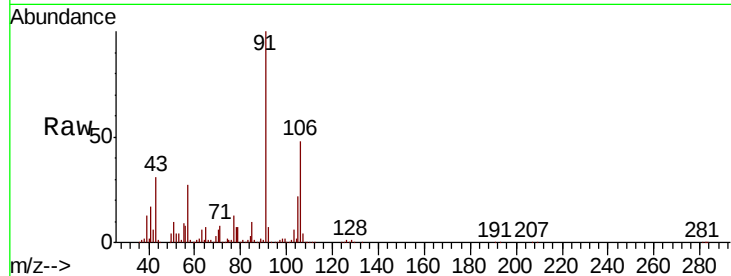
#68
m/p-Xylenes
Concen: 65.624 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN059135.D
Acq: 8 Nov 2019 15:53

Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)MEDL

Tot Ion:106 Resp: 536594
Ion Ratio Lower Upper
106 100
91 206.1 164.7 247.1

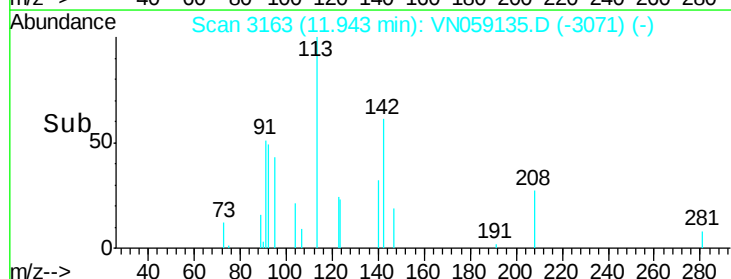
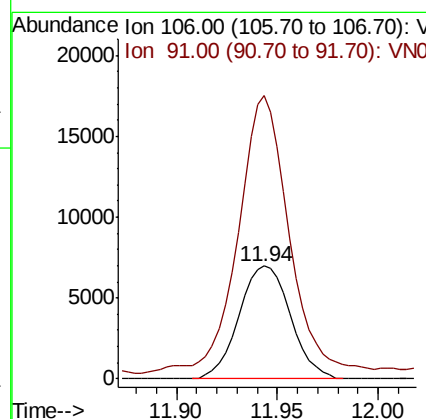
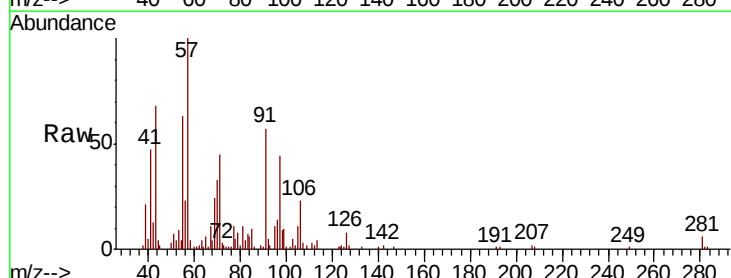
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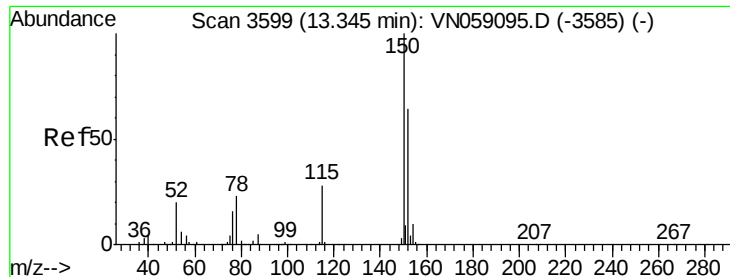
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#69
o-Xylene
Concen: 1.582 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059135.D
Acq: 8 Nov 2019 15:53

Tgt Ion:106 Resp: 12504
Ion Ratio Lower Upper
106 100
91 243.5 110.1 330.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

Instrument :

MSVOA_N

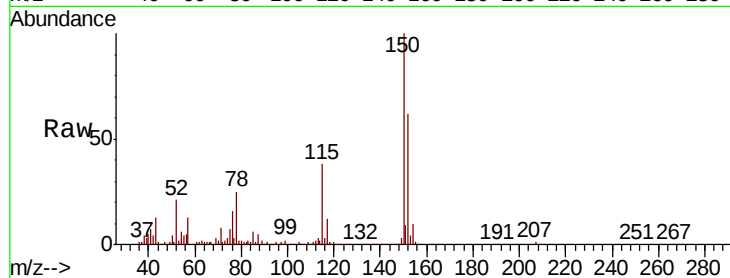
ClientSampleId :

SB-22-(14-15)MEDL

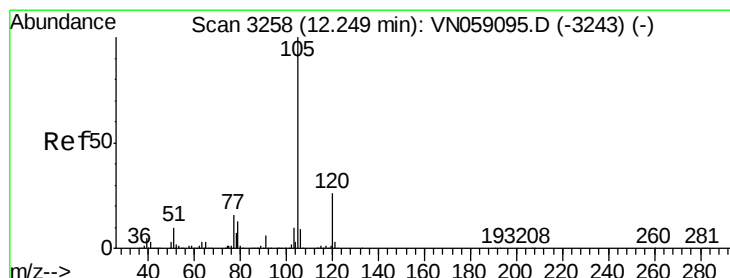
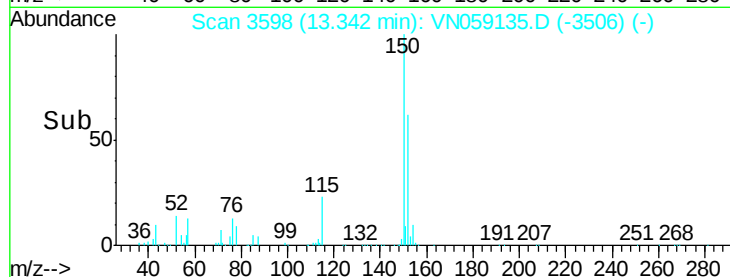
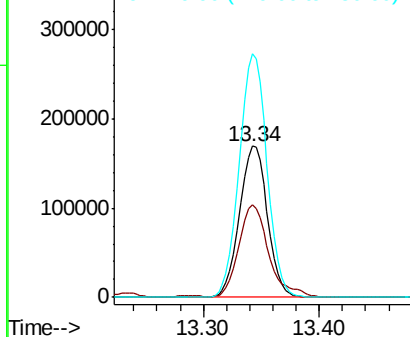
Tot Ion:	152	Resp:	284240
Ion Ratio	Lower	Upper	
152	100		
115	64.1	29.4	88.2
150	159.2	0.0	345.8

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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: 3.333 ug/l

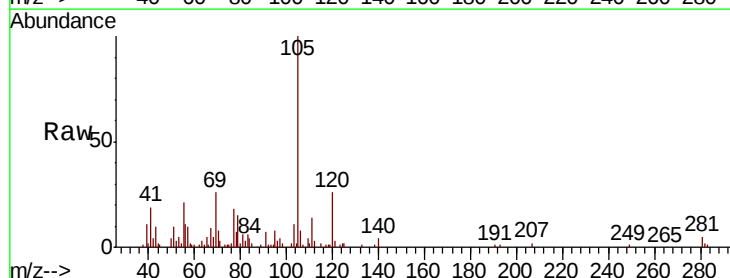
RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

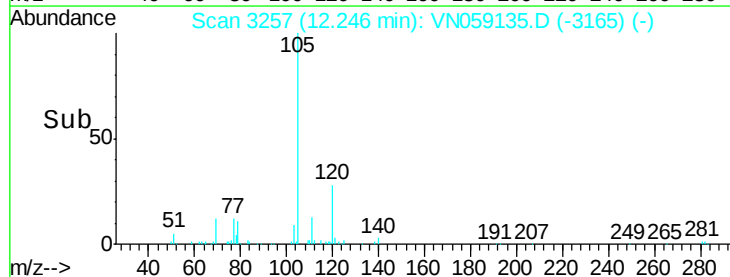
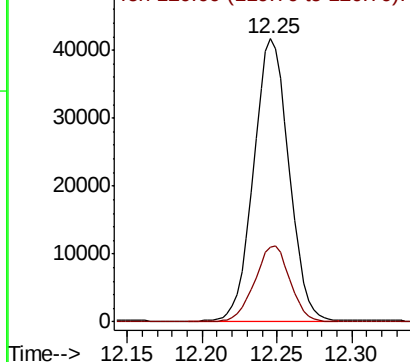
Lab File: VN059135.D

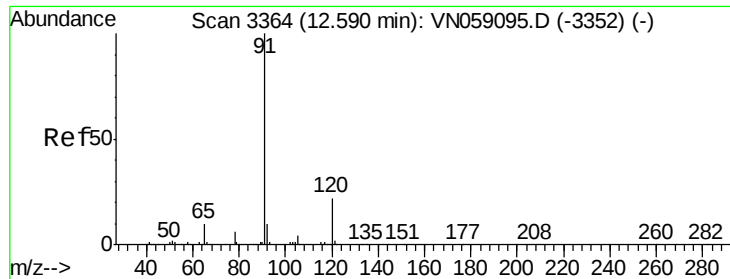
Acq: 8 Nov 2019 15:53

Tgt Ion:	105	Resp:	68914
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.1	39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 15.528 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)MEDL

Tot Ion: 91 Resp: 367614

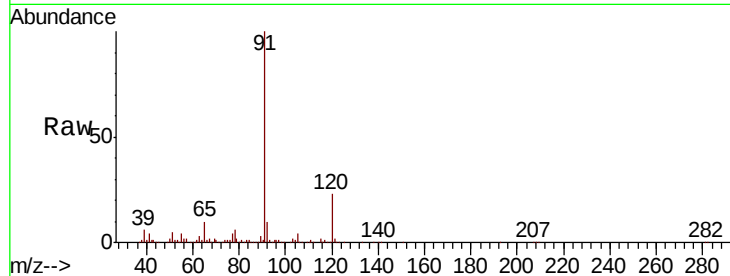
Ion Ratio Lower Upper

91 100

120 22.3 11.2 33.5

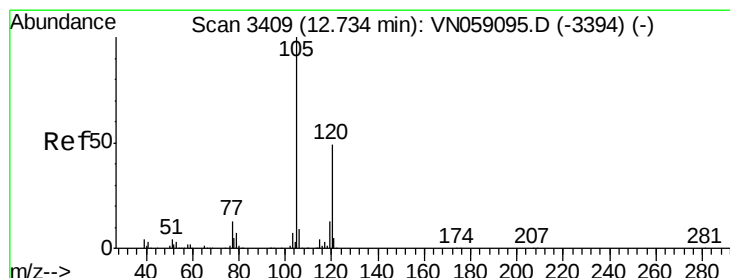
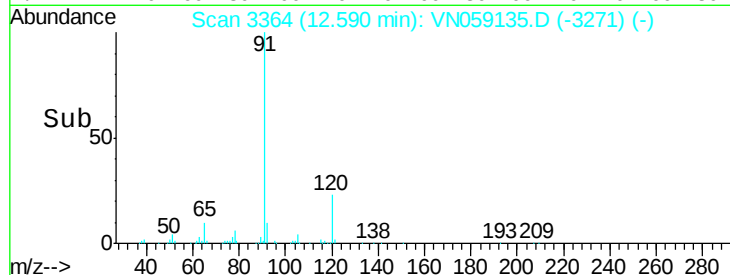
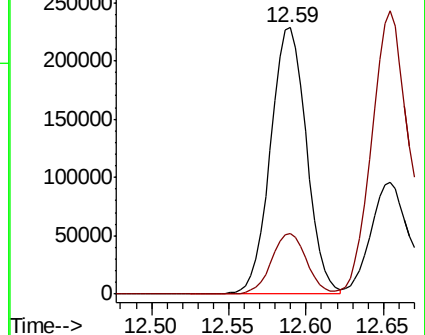
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Abundance Ion 91.00 (90.70 to 91.70): VN059135.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN059135.D (-3271) (-)



#80

1,3,5-Trimethylbenzene

Concen: 42.223 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN059135.D

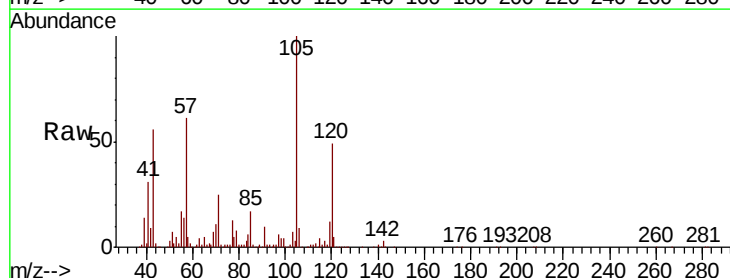
Acq: 8 Nov 2019 15:53

Tgt Ion: 105 Resp: 739738

Ion Ratio Lower Upper

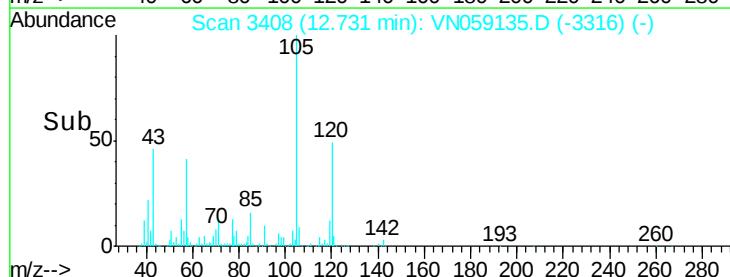
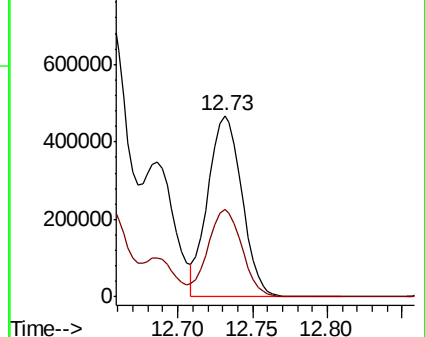
105 100

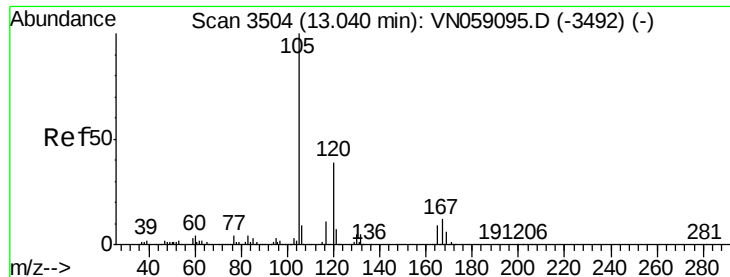
120 48.7 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059135.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN059135.D (-3316) (-)





#84

1,2,4-Trimethylbenzene

Concen: 124.719 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059135.D

Acq: 8 Nov 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)MEDL

Tot Ion:105 Resp: 2114008

Ion Ratio Lower Upper

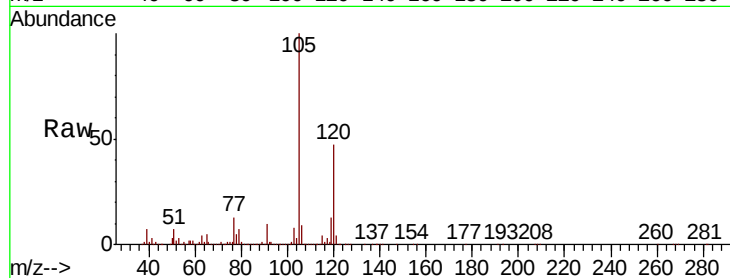
105 100

120 45.7 22.8 68.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04

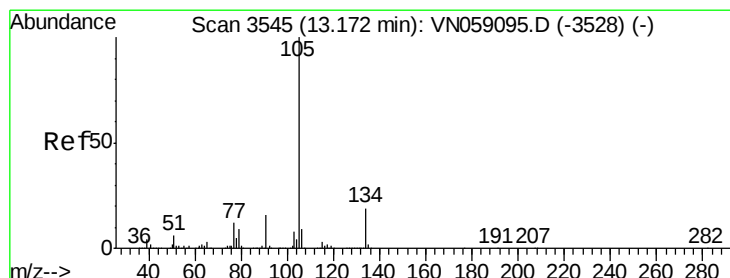
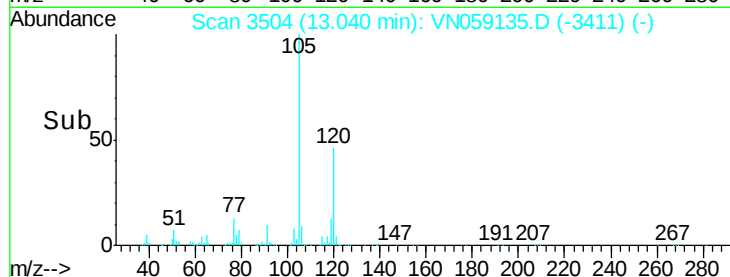
1500000

1000000

500000

0

Time-->



#85

sec-Butylbenzene

Concen: 3.049 ug/l m

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059135.D

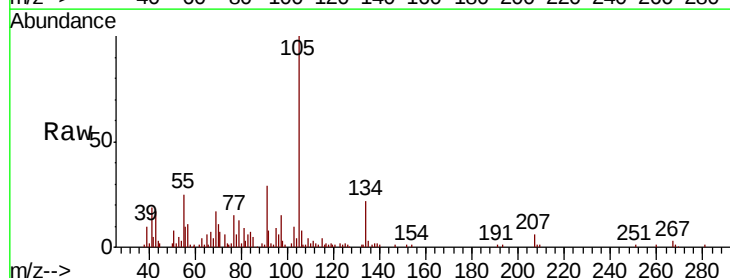
Acq: 8 Nov 2019 15:53

Tgt Ion:105 Resp: 60000

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

40000

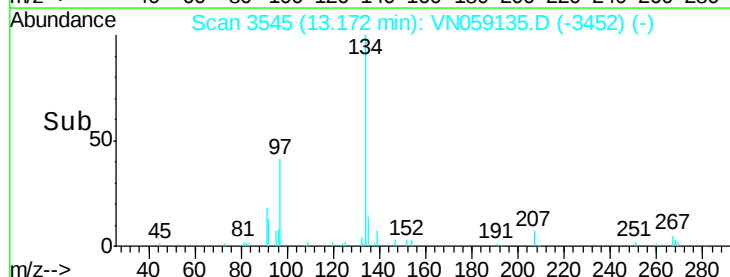
30000

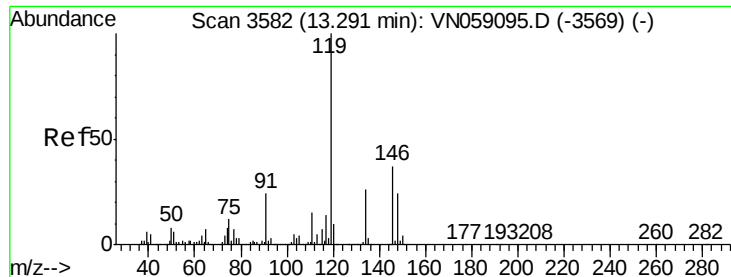
20000

10000

0

Time-->





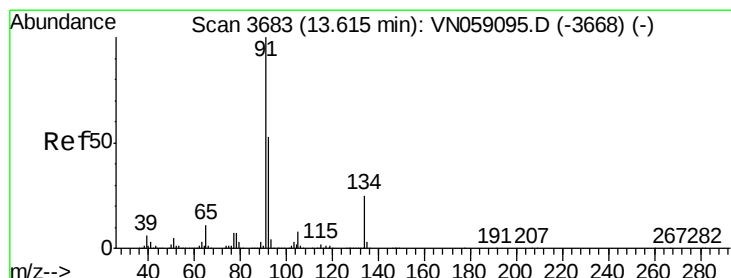
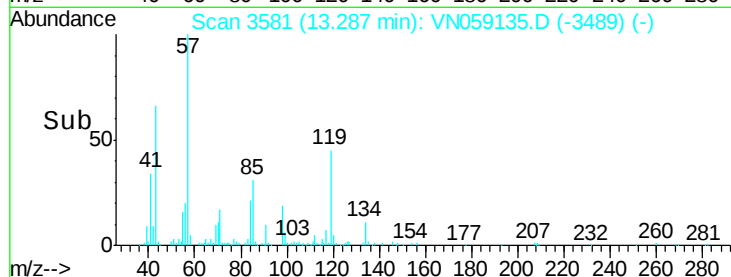
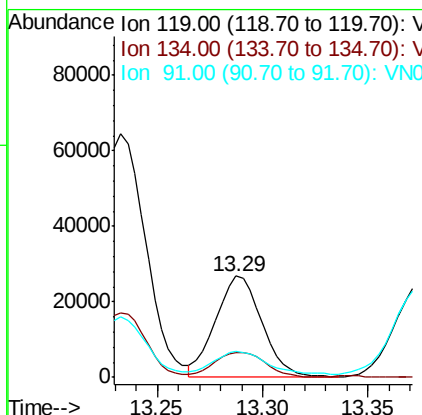
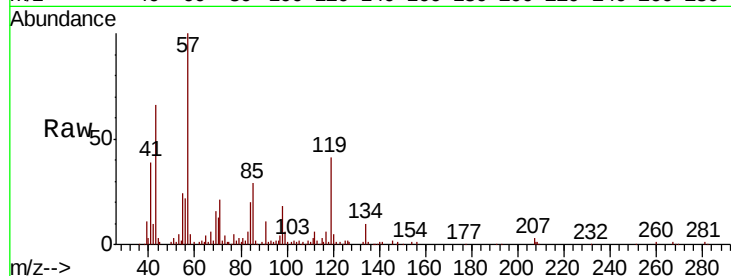
#86
p-Isopropyltoluene
Concen: 2.308 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN059135.D
Acq: 8 Nov 2019 15:53

Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)MEDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.4	13.0	38.9
91	24.9	11.7	35.1

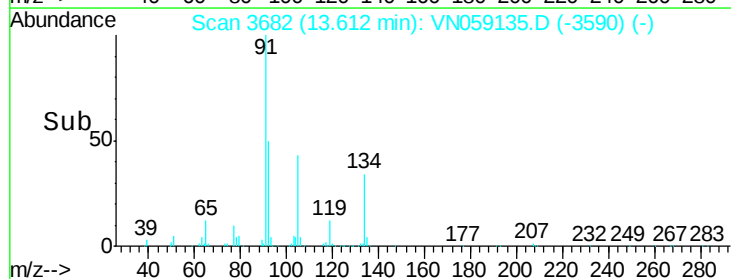
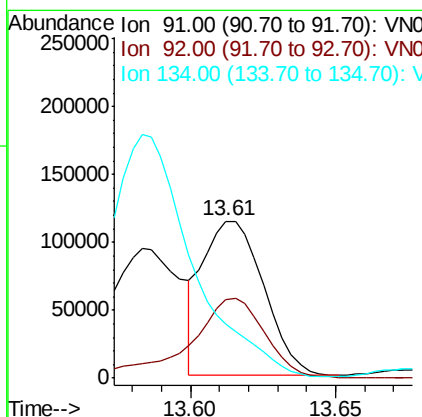
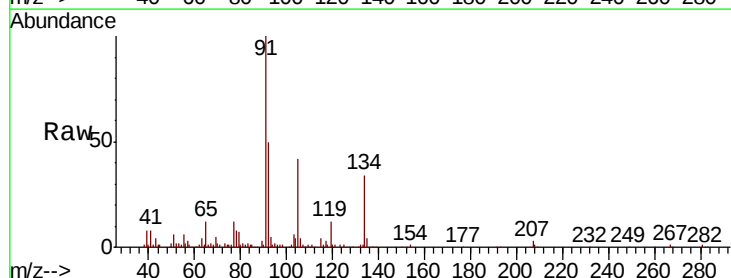
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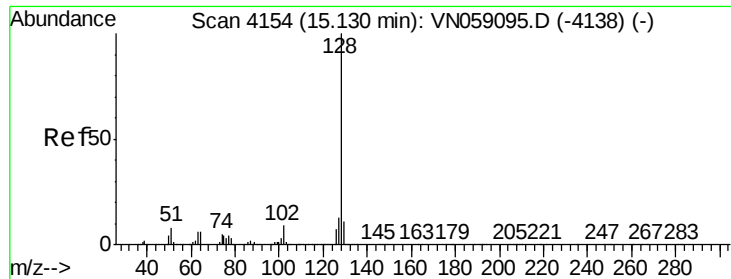
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#89
n-Butylbenzene
Concen: 10.898 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059135.D
Acq: 8 Nov 2019 15:53

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.6	26.1	78.3
134	0.0	12.6	37.8#





#95
Naphthalene
Concen: 28.129 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059135.D
Acq: 8 Nov 2019 15:53

Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)MEDL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	393434		
127	12.7		10.2	15.2
129	10.7		8.6	12.8

Manual Integrations
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11/11/2019 10:35:12 AM

