

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110819\
 Data File : VN059140.D
 Acq On : 8 Nov 2019 17:43
 Operator : JC/SP
 Sample : K5742-05ME
 Misc : 6.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
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MMDadoda
 11/11/2019 10:35:17 AM

Quant Time: Nov 11 02:14:25 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	478688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	736901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	644522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317305	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	271318	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	7.56	113	209412	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	10.08	98	1773050	102.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.60%	
62) 4-Bromofluorobenzene	12.40	95	413043	66.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.20%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.61	56	4081208	445.507	ug/l #	70
39) Methylcyclohexane	9.06	83	8311586	1039.730	ug/l #	74
40) Benzene	8.01	78	66898	3.225	ug/l	99
52) Toluene	10.15	92	24400	1.963	ug/l	84
67) Ethyl Benzene	11.51	91	4299880	192.891	ug/l #	80
68) m/p-Xylenes	11.62	106	5207562	623.641	ug/l #	58
69) o-Xylene	11.94	106	156216	19.358	ug/l	99
73) Isopropylbenzene	12.25	105	804043	34.836	ug/l	100
78) n-propylbenzene	12.59	91	3875203	146.635	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	5524669	282.481	ug/l	72
84) 1,2,4-Trimethylbenzene	13.04	105	8188719m	432.764	ug/l	
85) sec-Butylbenzene	13.17	105	687621	31.304	ug/l #	50
86) p-Isopropyltoluene	13.29	119	469393	24.202	ug/l	98
89) n-Butylbenzene	13.62	91	1858730	109.496	ug/l #	65
95) Naphthalene	15.13	128	4843982	279.702	ug/l #	91

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

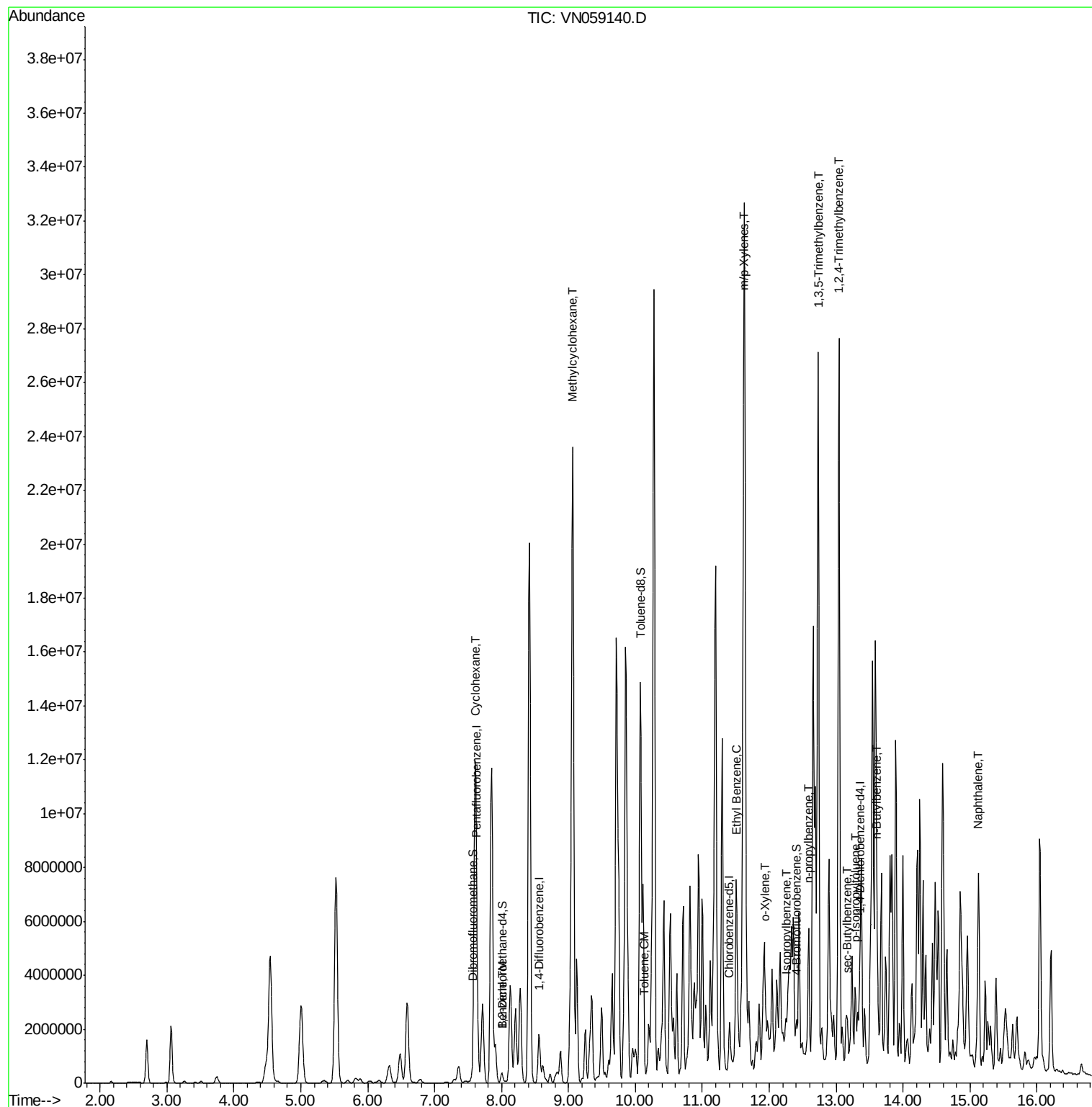
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110819\
Data File : VN059140.D
Acq On : 8 Nov 2019 17:43
Operator : JC/SP
Sample : K5742-05ME
Misc : 6.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

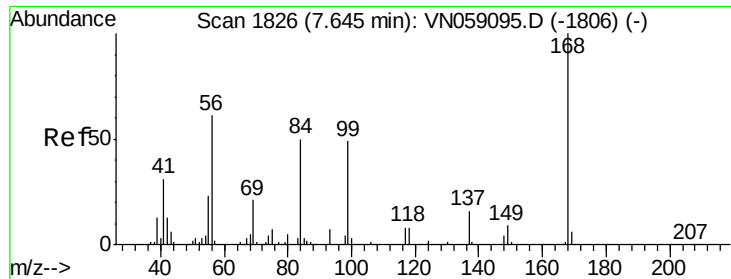
Instrument :
MSVOA_N
ClientSampleId :
SB-22-(14-15)ME

Quant Time: Nov 11 02:14:25 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

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

Tot Ion:168 Resp: 478688

Ion Ratio Lower Upper

168 100

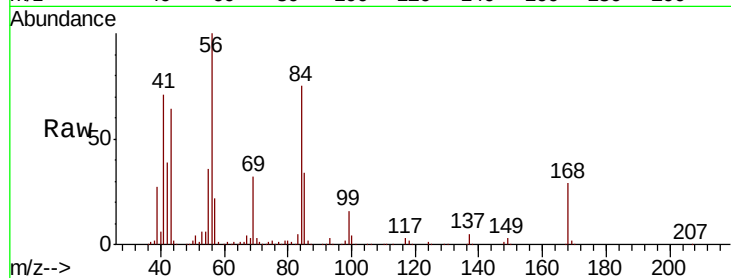
99 56.3 45.7 68.5

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

7.64

200000

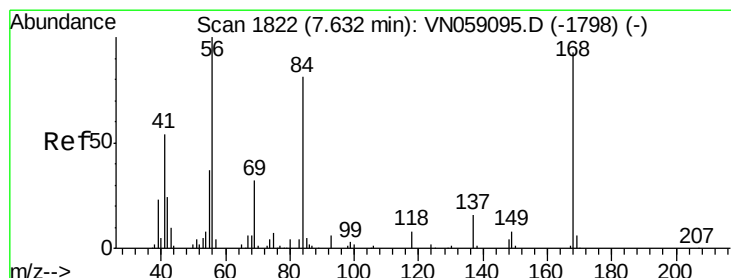
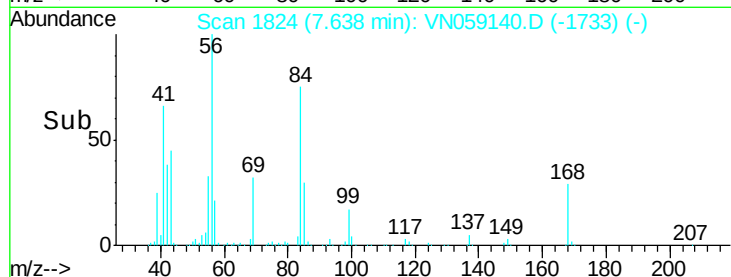
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#31

Cyclohexane

Concen: 445.507 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.02 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

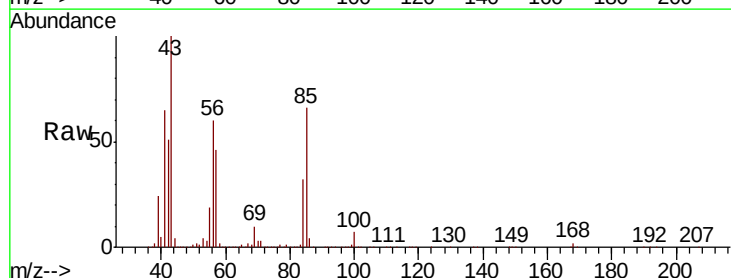
Tgt Ion: 56 Resp: 4081208

Ion Ratio Lower Upper

56 100

69 16.8 25.8 38.8#

84 53.9 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

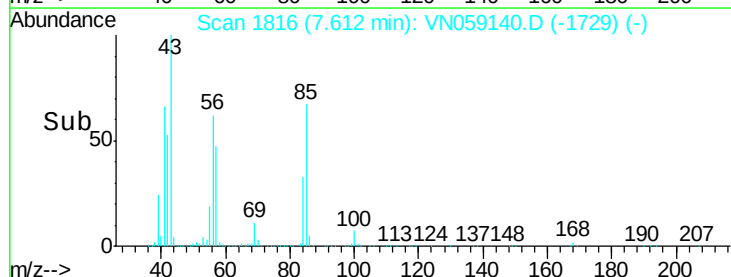
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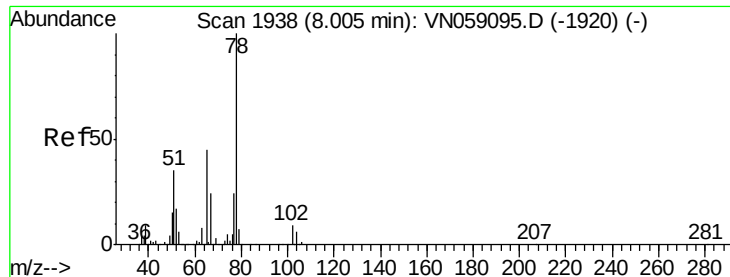
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500000

0

Time--> 7.50 7.55 7.60 7.65 7.70





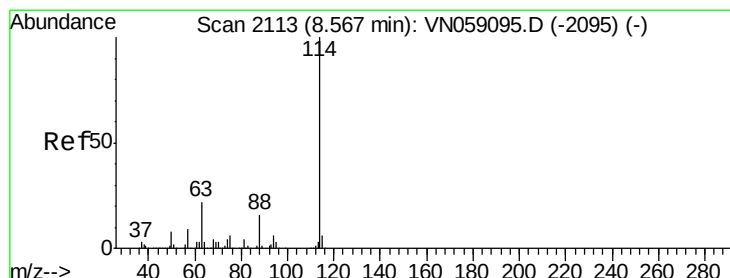
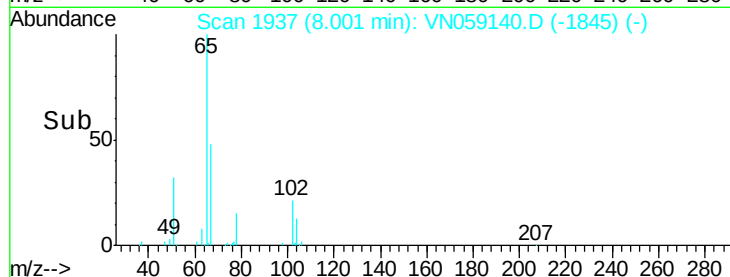
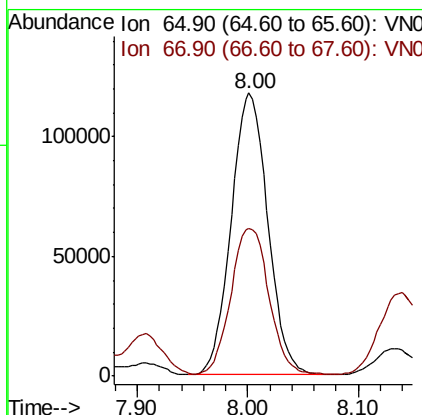
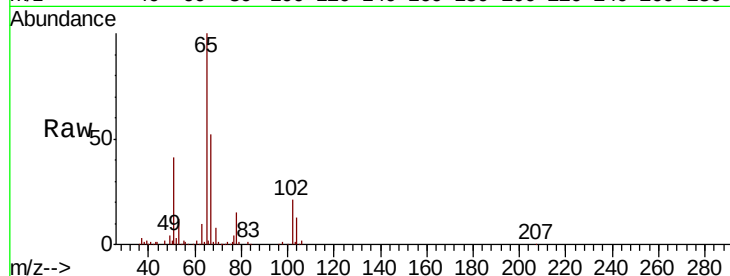
#33
 1,2-Dichloroethane-d4
 Concen: 46.109 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.8	0.0	107.4	

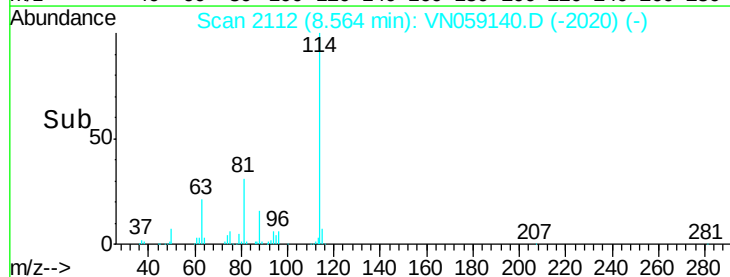
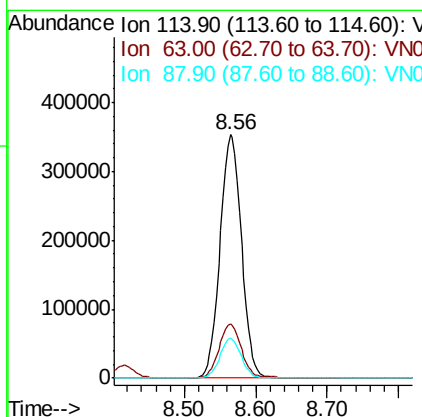
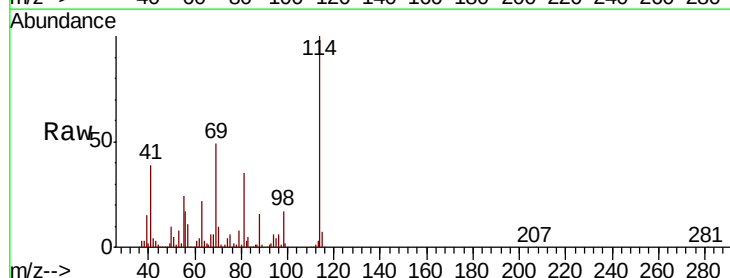
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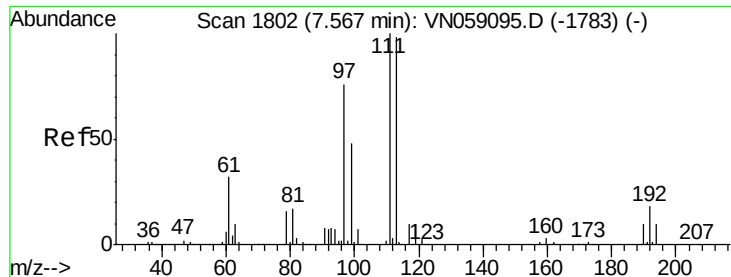
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.2	0.0	43.4	
88	16.4	0.0	32.2	





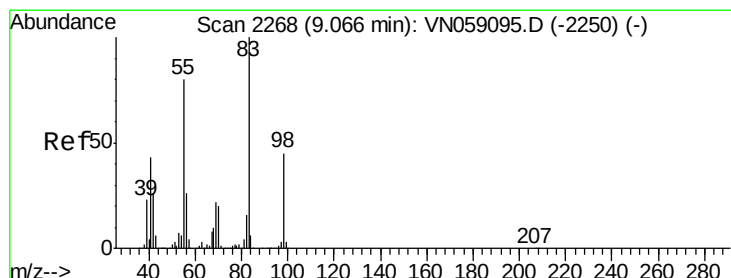
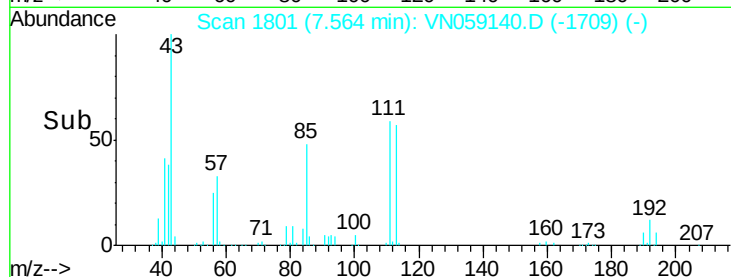
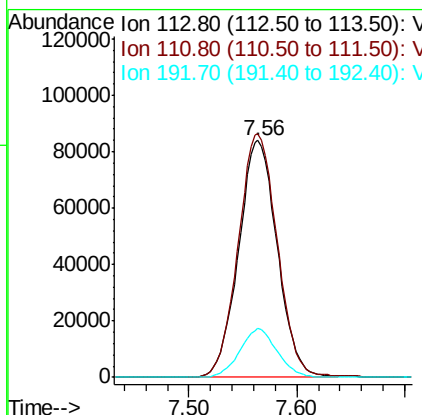
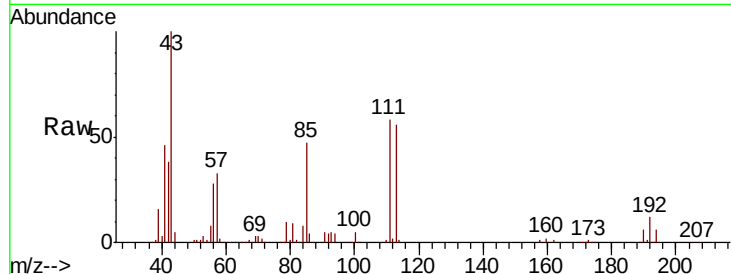
#35
Dibromofluoromethane
Concen: 47.593 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100	209412		
111	104.2	82.8	124.2	
192	19.8	16.1	24.1	

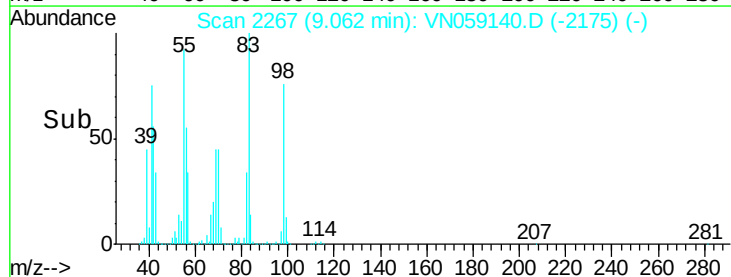
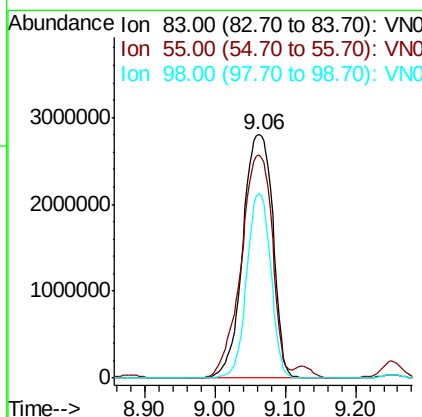
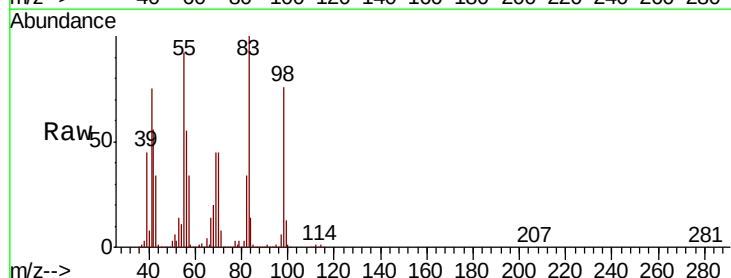
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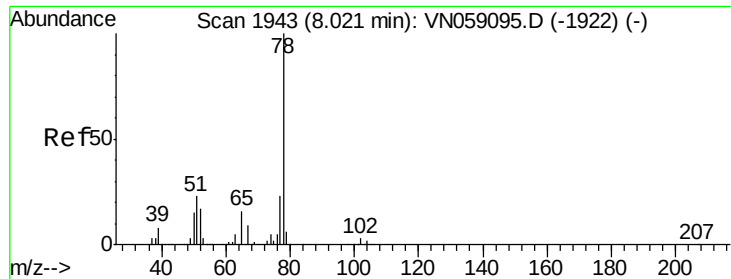
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#39
Methylcyclohexane
Concen: 1039.730 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	8311586		
55	91.7	63.9	95.9	
98	75.9	35.6	53.4	





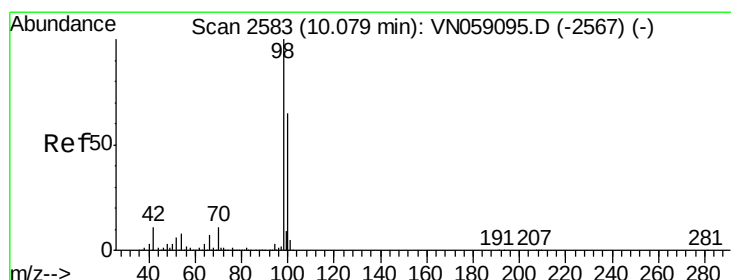
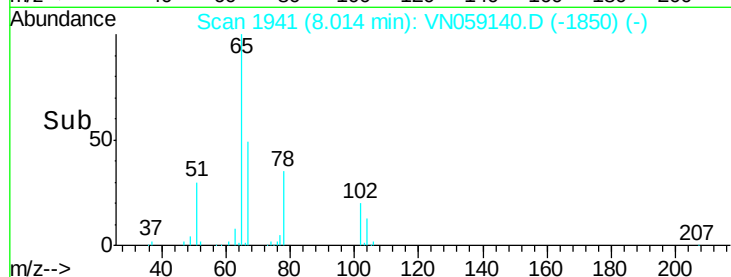
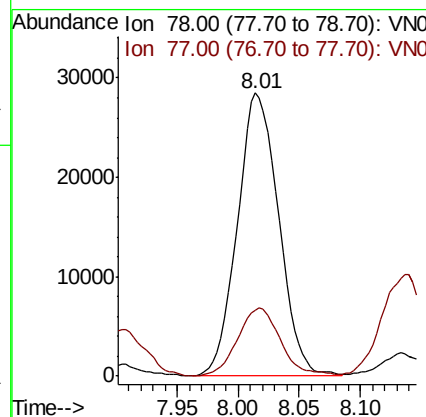
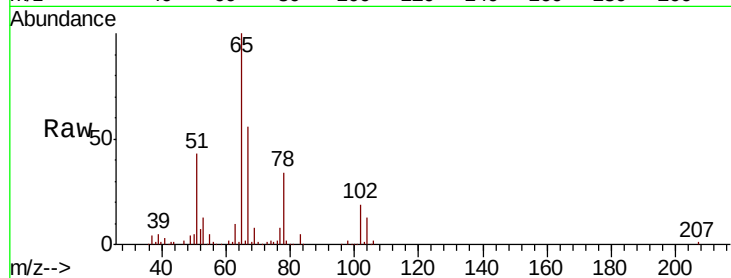
#40
Benzene
Concen: 3.225 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

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

Tot Ion: 78 Resp: 66898
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

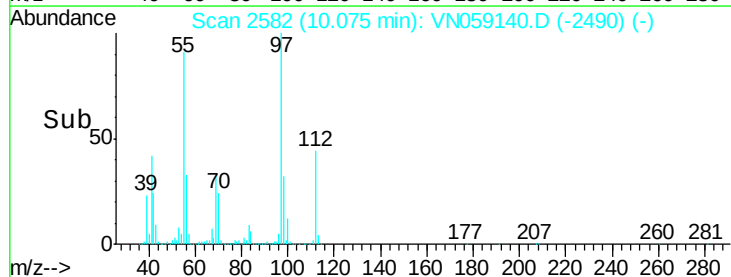
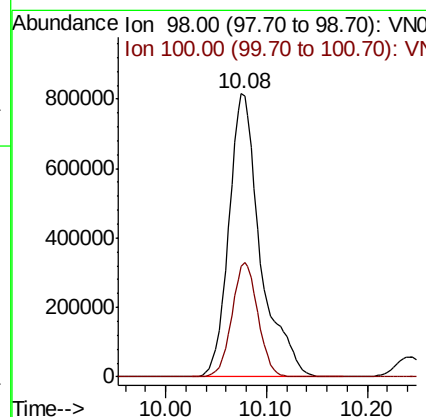
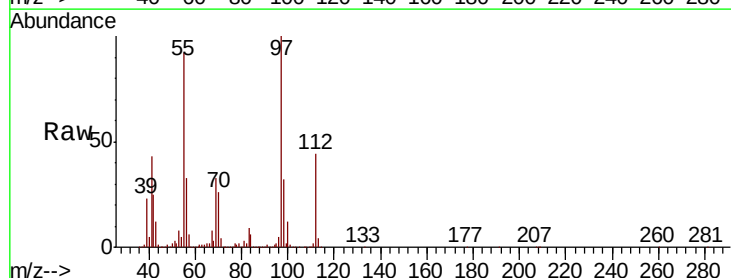
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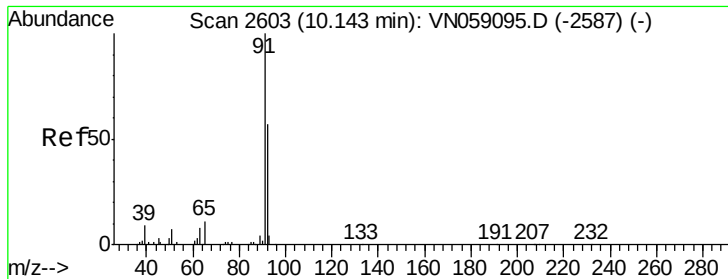
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#50
Toluene-d8
Concen: 102.303 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion: 98 Resp: 1773050
Ion Ratio Lower Upper
98 100
100 33.3 52.2 78.2#





#52

Toluene

Concen: 1.963 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

Tot Ion: 92 Resp: 24400

Ion Ratio Lower Upper

92 100

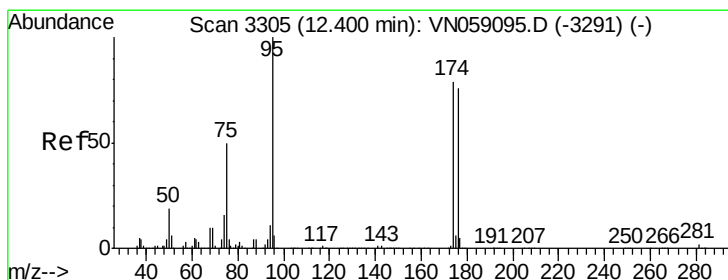
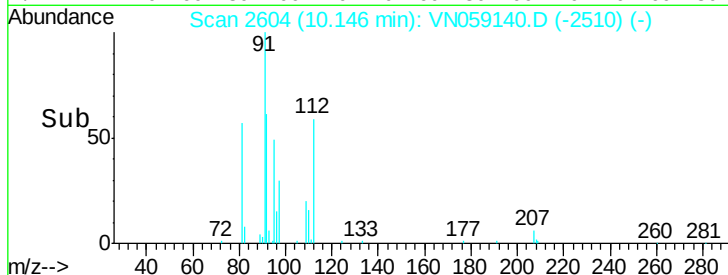
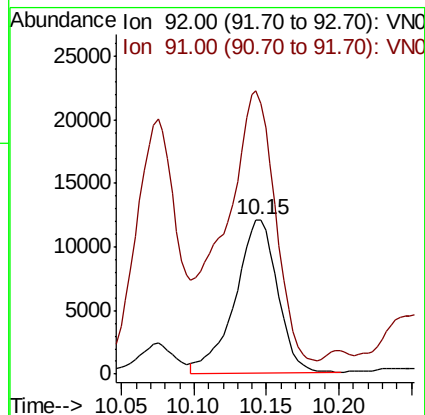
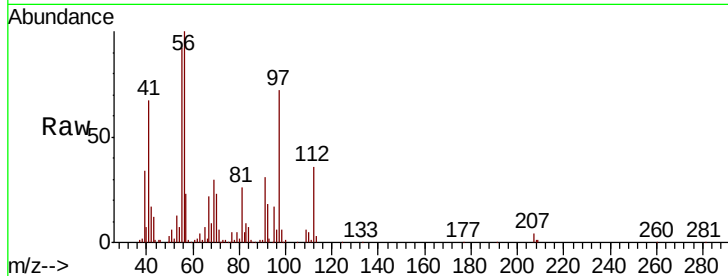
91 197.3 139.5 209.3

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 66.097 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

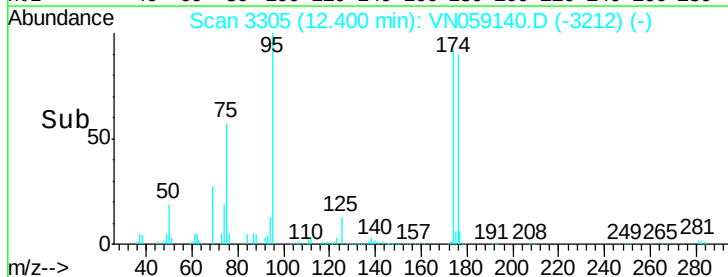
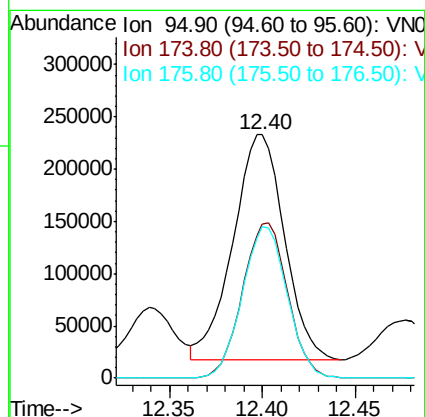
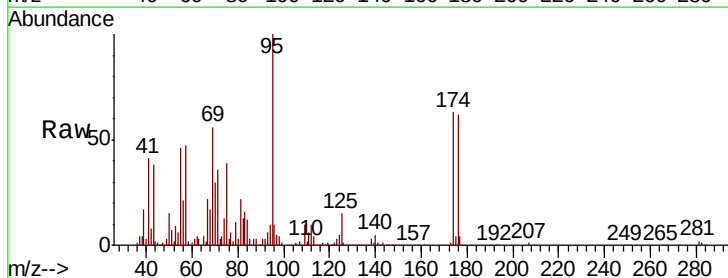
Tgt Ion: 95 Resp: 413043

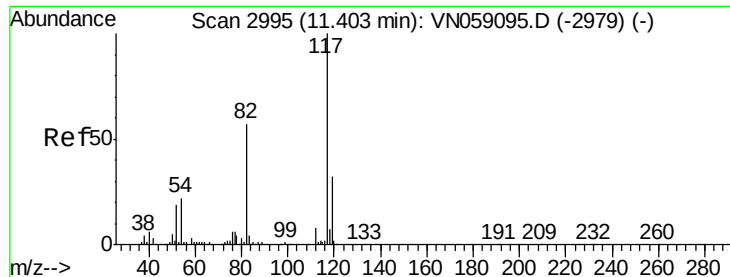
Ion Ratio Lower Upper

95 100

174 60.7 0.0 158.2

176 59.2 0.0 151.8





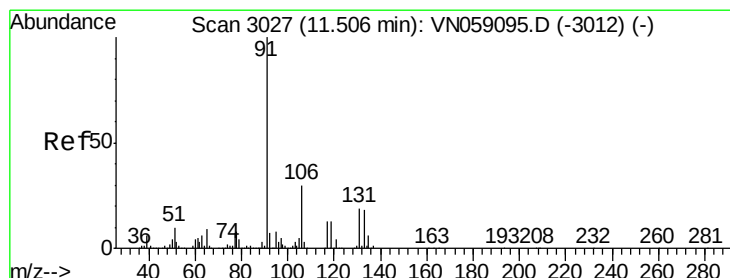
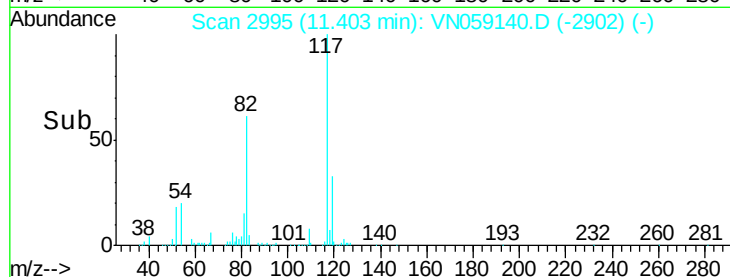
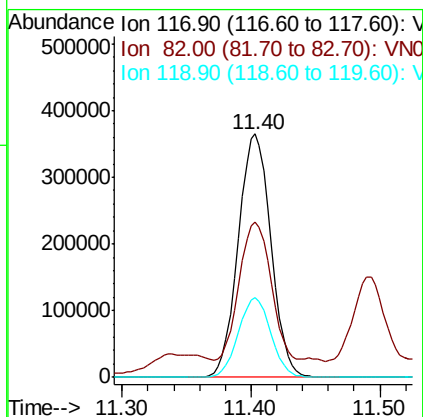
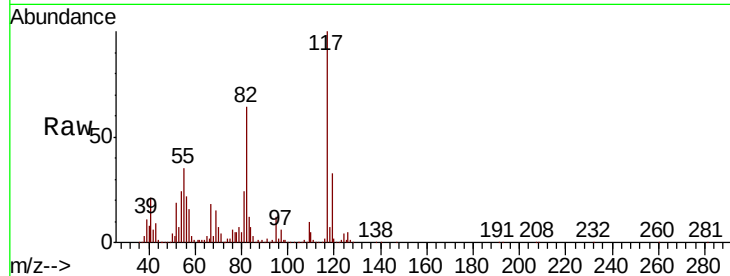
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.8	68.8
119	32.6	25.8	38.6

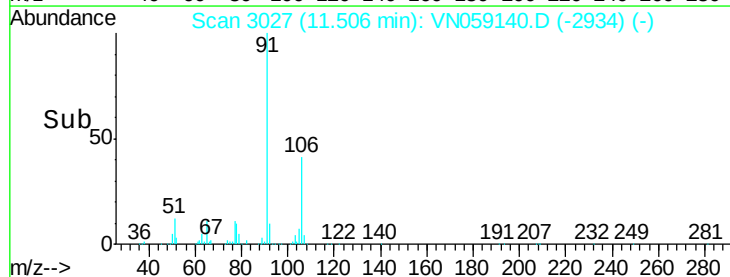
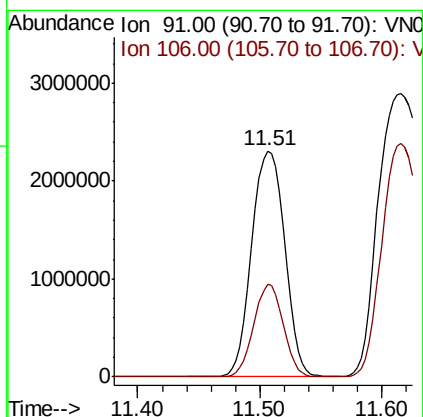
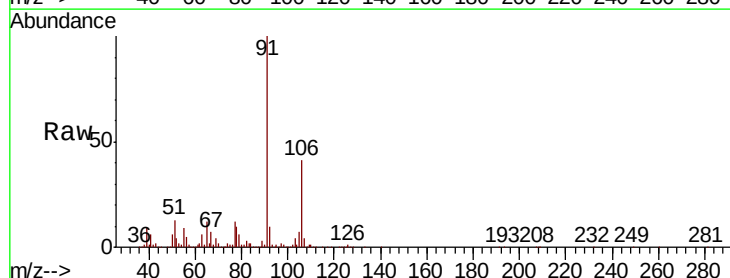
Manual Integrations
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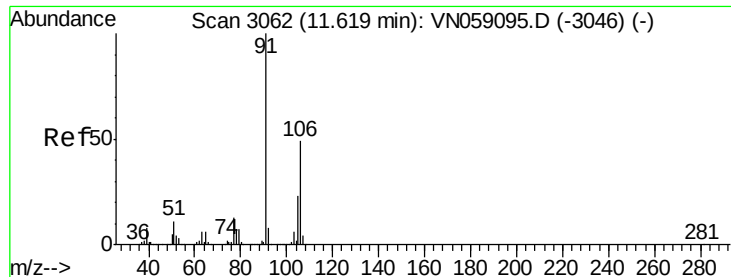
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#67
Ethyl Benzene
Concen: 192.891 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion	Ratio	Lower	Upper
91	100		
106	41.2	24.1	36.1





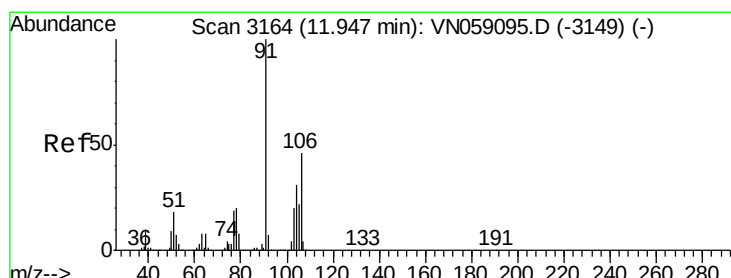
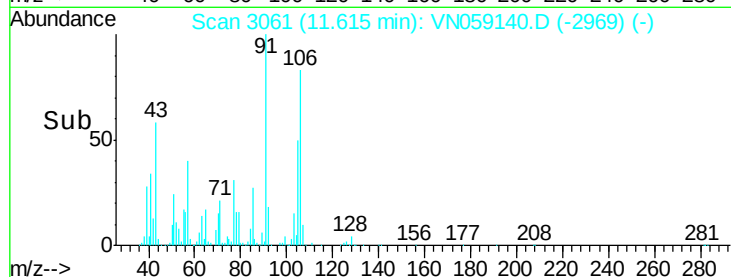
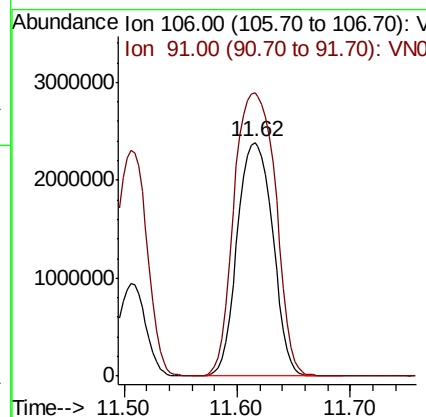
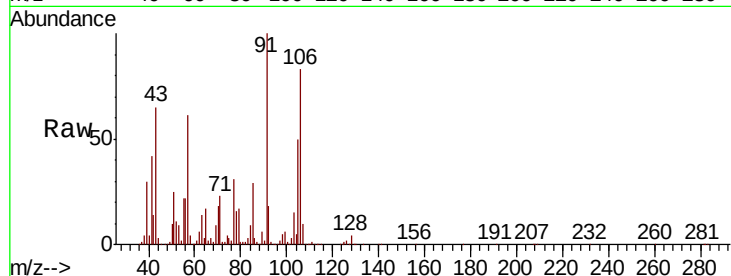
#68
m/p-Xylenes
Concen: 623.641 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

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

Tot Ion:106 Resp: 5207562
Ion Ratio Lower Upper
106 100
91 141.2 164.7 247.1#

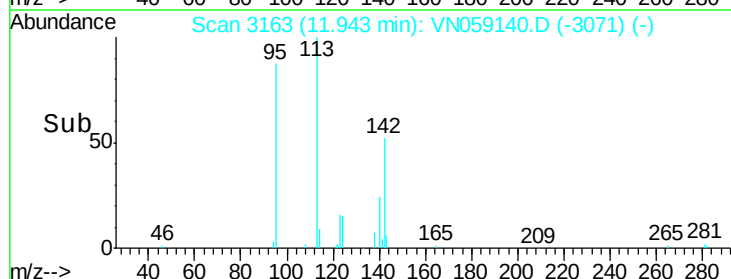
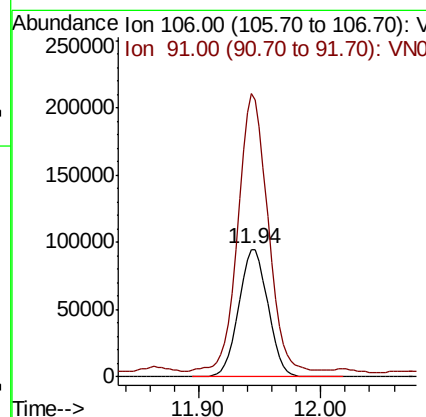
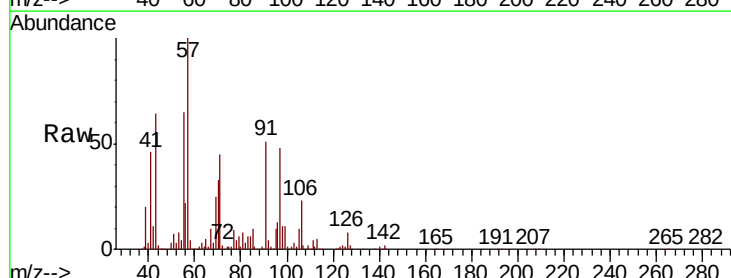
Manual Integrations
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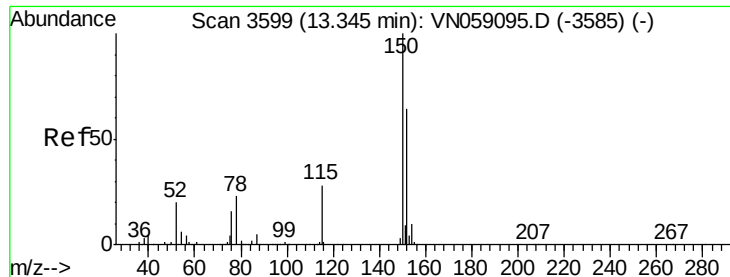
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#69
o-Xylene
Concen: 19.358 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

Tgt Ion:106 Resp: 156216
Ion Ratio Lower Upper
106 100
91 221.9 110.1 330.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

Tot Ion:152 Resp: 317305

Ion Ratio Lower Upper

152 100

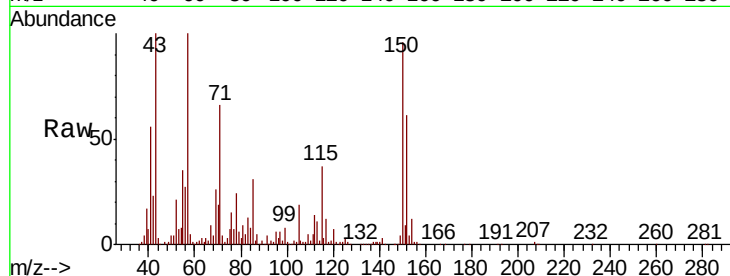
115 54.7 29.4 88.2

150 153.2 0.0 345.8

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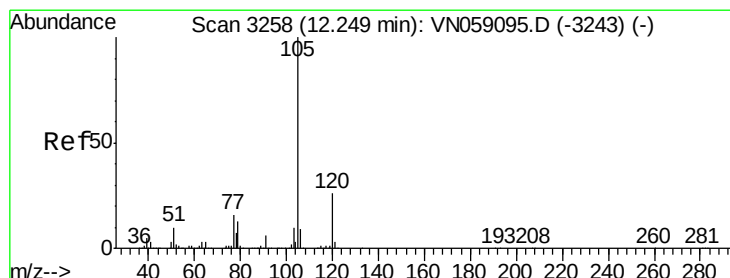
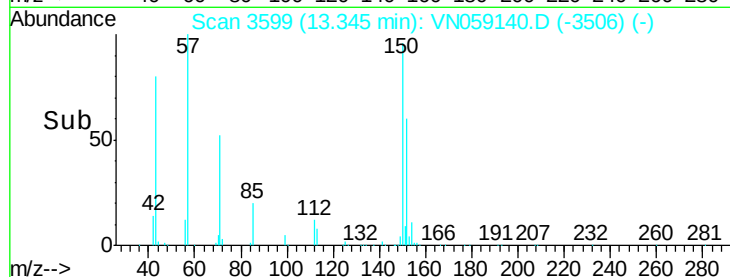
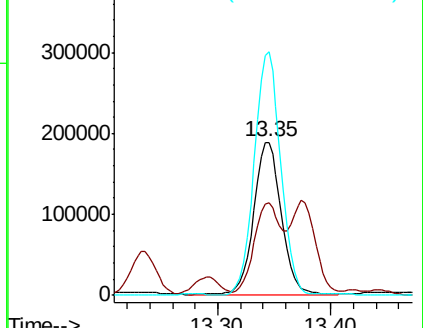
11/11/2019 10:35:17 AM



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: 34.836 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059140.D

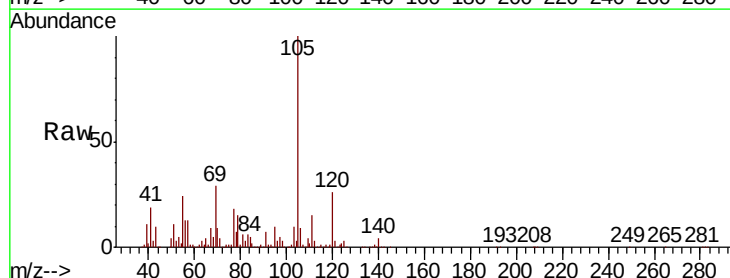
Acq: 8 Nov 2019 17:43

Tgt Ion:105 Resp: 804043

Ion Ratio Lower Upper

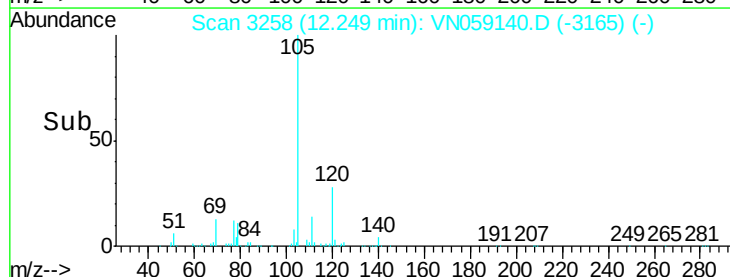
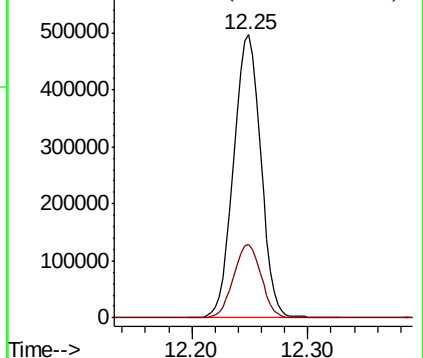
105 100

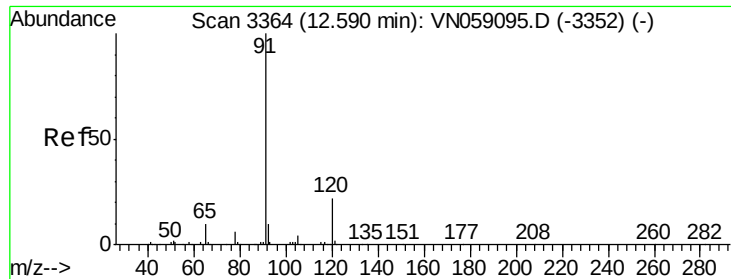
120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 146.635 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059140.D

Acq: 8 Nov 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

SB-22-(14-15)ME

Tot Ion: 91 Resp: 3875203

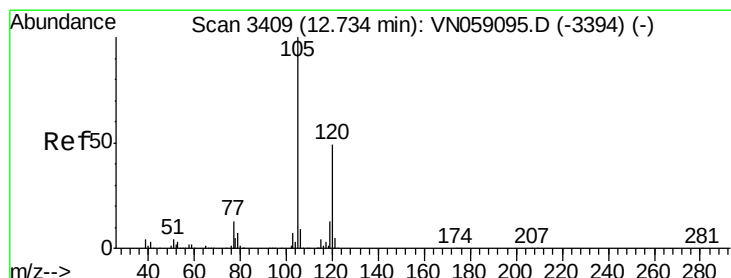
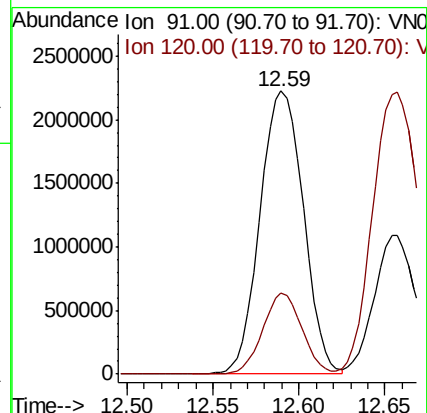
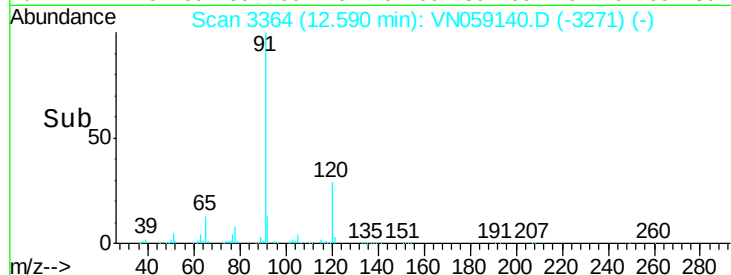
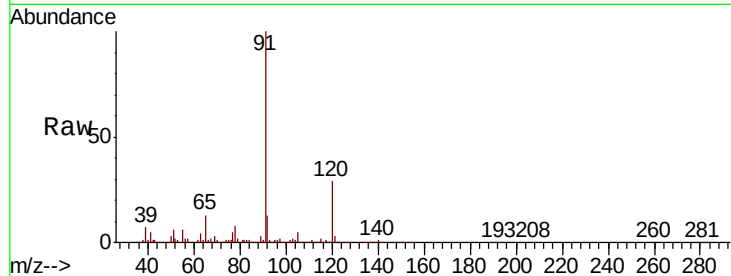
Ion Ratio Lower Upper

91 100

120 26.1 11.2 33.5

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#80

1,3,5-Trimethylbenzene

Concen: 282.481 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059140.D

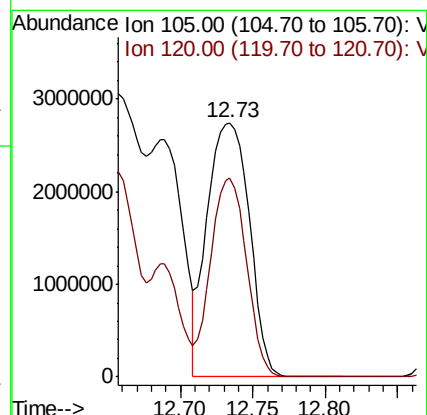
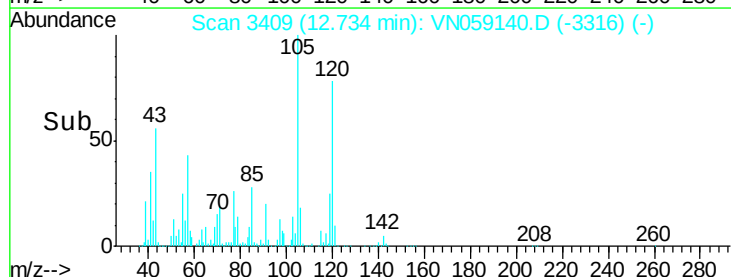
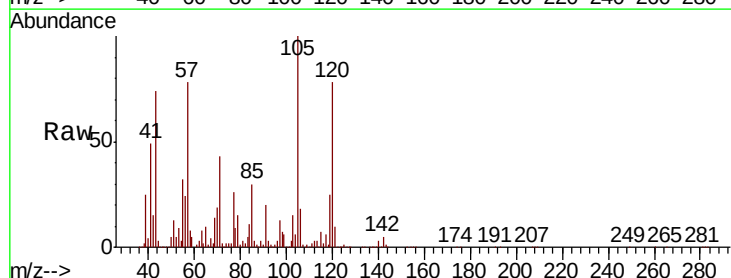
Acq: 8 Nov 2019 17:43

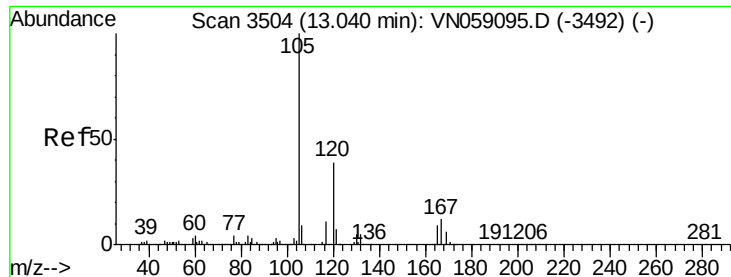
Tgt Ion: 105 Resp: 5524669

Ion Ratio Lower Upper

105 100

120 66.8 24.0 72.0





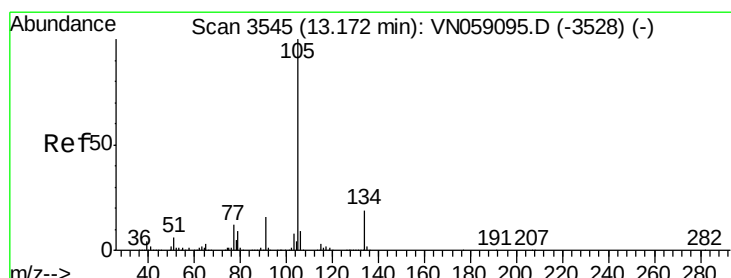
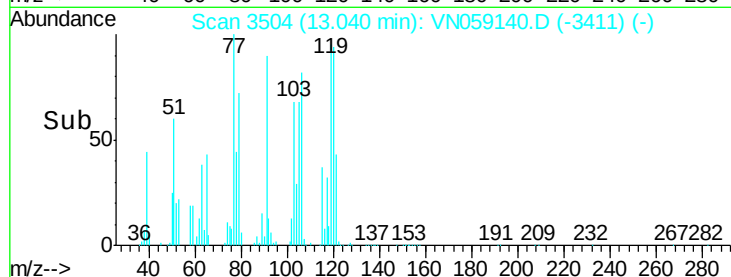
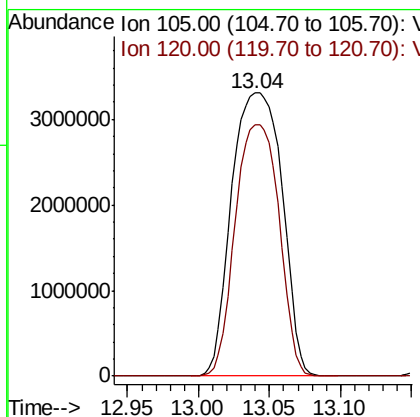
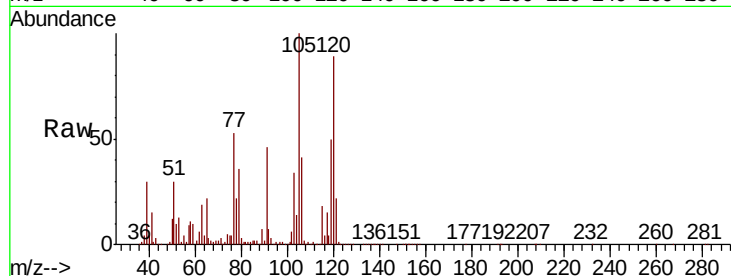
#84
 1,2,4-Trimethylbenzene
 Concen: 432.764 ug/l m
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

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

Tot Ion:105 Resp: 8188719
 Ion Ratio Lower Upper
 105 100
 120 19.3 22.8 68.4#

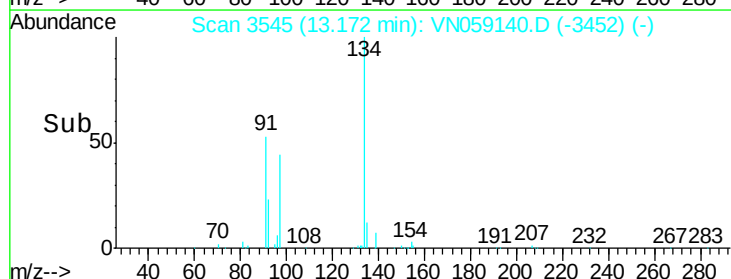
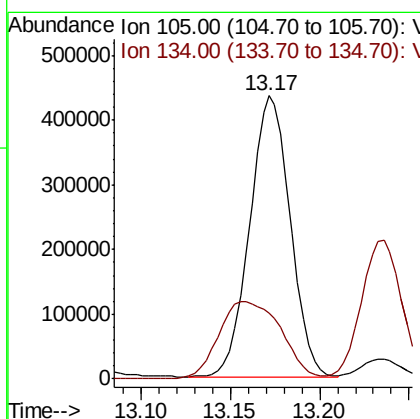
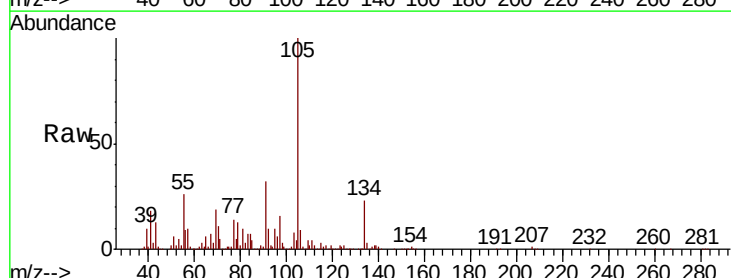
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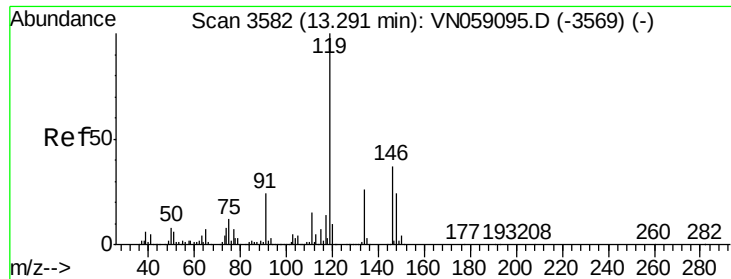
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#85
 sec-Butylbenzene
 Concen: 31.304 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Tgt Ion:105 Resp: 687621
 Ion Ratio Lower Upper
 105 100
 134 42.2 9.7 29.1#





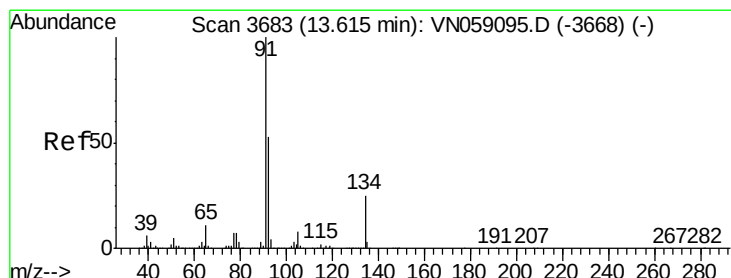
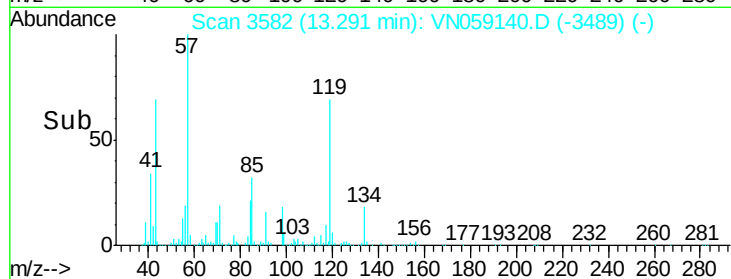
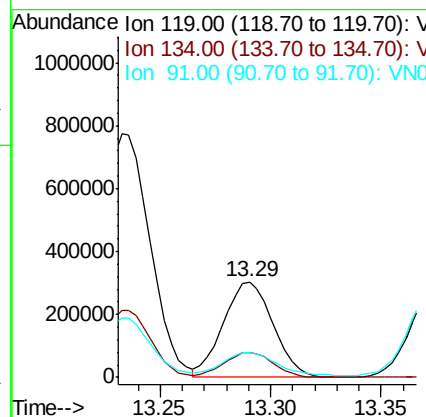
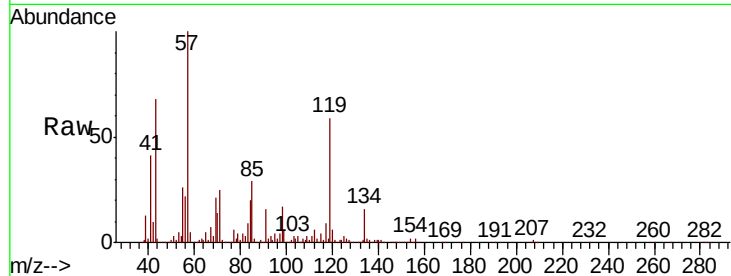
#86
 p-Isopropyltoluene
 Concen: 24.202 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

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

Tot Ion:	119	Resp:	469393
Ion Ratio	Lower	Upper	
119	100		
134	26.3	13.0	38.9
91	25.5	11.7	35.1

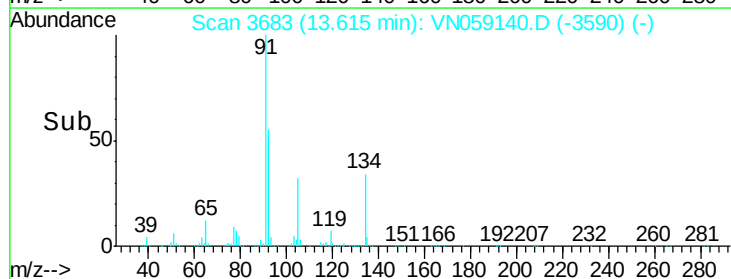
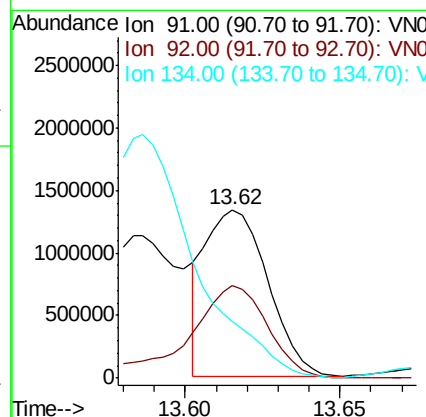
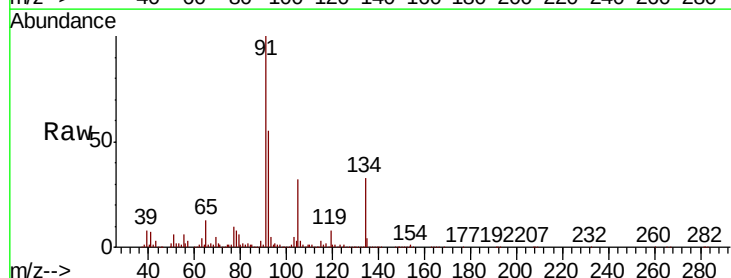
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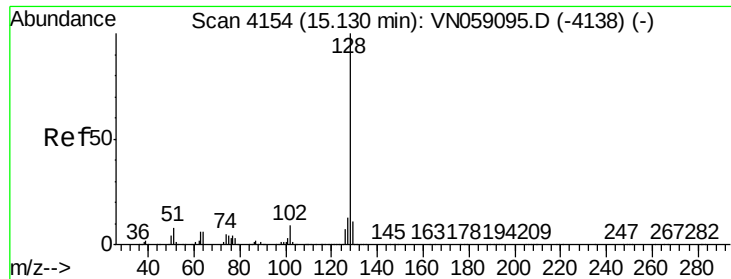
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#89
 n-Butylbenzene
 Concen: 109.496 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. -0.00 min
 Lab File: VN059140.D
 Acq: 8 Nov 2019 17:43

Tgt Ion:	91	Resp:	1858730
Ion Ratio	Lower	Upper	
91	100		
92	71.2	26.1	78.3
134	0.0	12.6	37.8#





#95
Naphthalene
Concen: 279.702 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059140.D
Acq: 8 Nov 2019 17:43

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.2	15.2#
129	14.1	8.6	12.8#

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11/11/2019 10:35:17 AM

