

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062419\
 Data File : VN056459.D
 Acq On : 24 Jun 2019 16:33
 Operator : JC/SP
 Sample : K3499-07DL 100X
 Misc : 5.88g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-6(17-18)DL

Manual Integrations
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 7/3/2019 8:53:05 AM

Quant Time: Jun 25 02:18:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	377866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	635832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	633902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	259982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	206043	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.59	113	180582	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
50) Toluene-d8	10.09	98	799236	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.40	95	287661	55.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.82%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.64	56	198872	30.752	ug/l #	67
39) Methylcyclohexane	9.08	83	290122	42.013	ug/l	99
67) Ethyl Benzene	11.51	91	317382	14.191	ug/l	100
68) m/p-Xylenes	11.62	106	462450	56.422	ug/l	100
69) o-Xylene	11.95	106	76701	9.459	ug/l	98
73) Isopropylbenzene	12.25	105	115764	3.425	ug/l	99
78) n-propylbenzene	12.59	91	445090	18.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	538710	32.117	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1743816	99.636	ug/l	100
85) sec-Butylbenzene	13.17	105	47435m	2.267	ug/l	
86) p-Isopropyltoluene	13.29	119	26649	1.484	ug/l	99
89) n-Butylbenzene	13.61	91	71667	5.271	ug/l #	71
95) Naphthalene	15.13	128	84334	11.590	ug/l	97

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

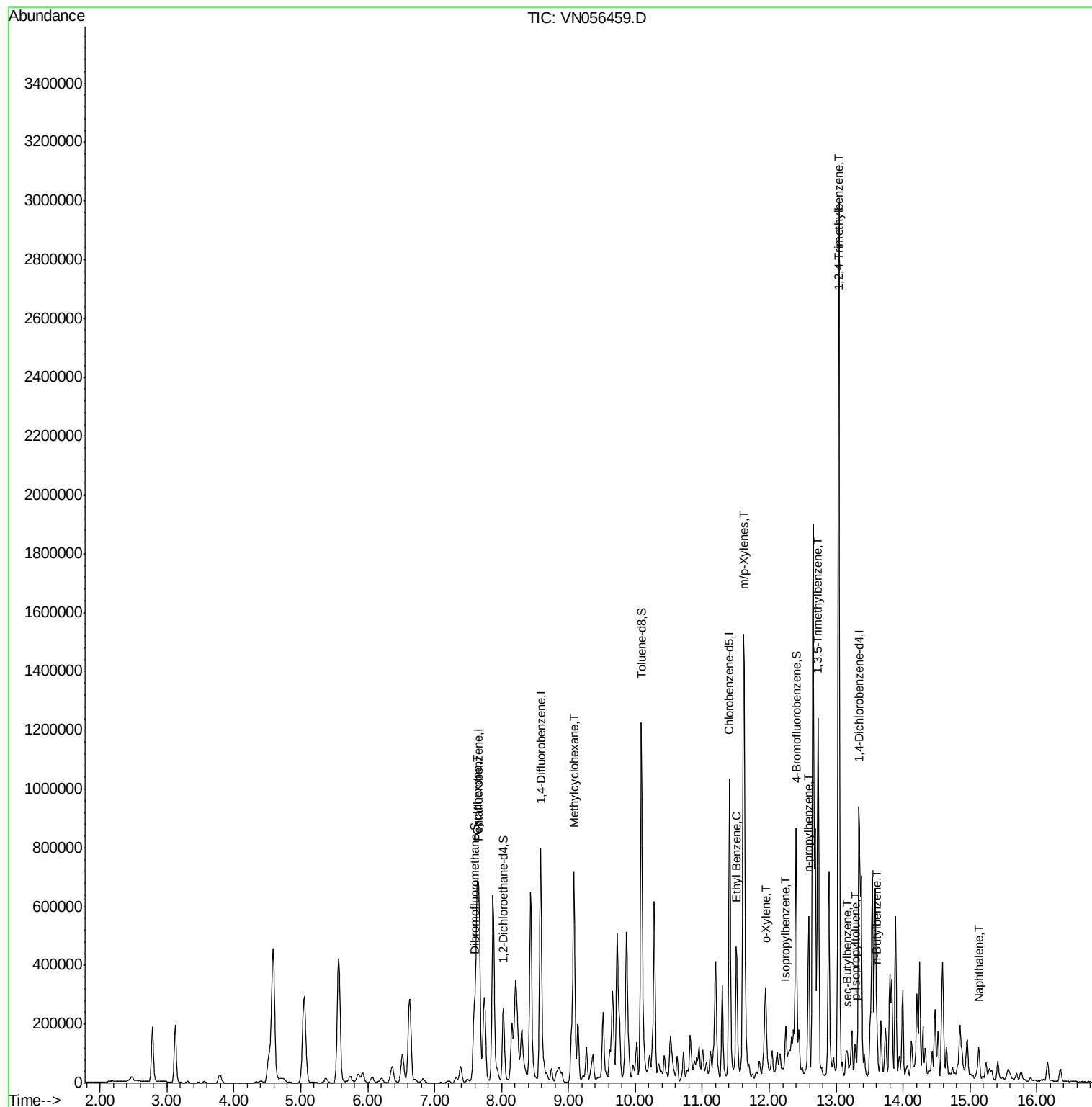
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062419\
Data File : VN056459.D
Acq On : 24 Jun 2019 16:33
Operator : JC/SP
Sample : K3499-07DL 100X
Misc : 5.88g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

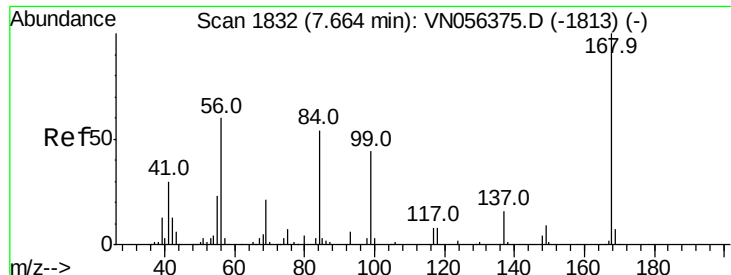
Instrument :
MSVOA_N
ClientSampleId :
B-6(17-18)DL

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Quant Time: Jun 25 02:18:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

B-6(17-18)DL

Tot Ion:168 Resp: 377866

Ion Ratio Lower Upper

168 100

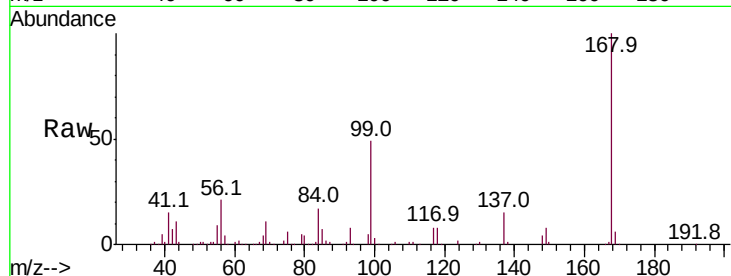
99 48.7 40.6 61.0

Manual Integrations

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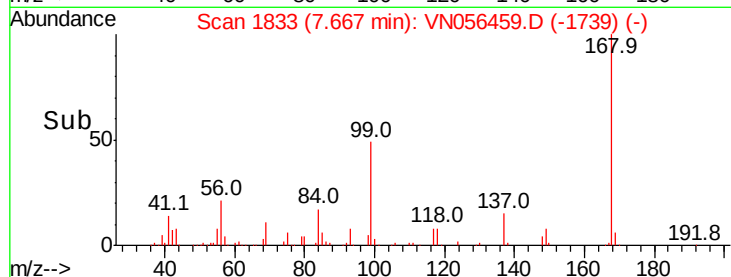
7/3/2019 8:53:05 AM



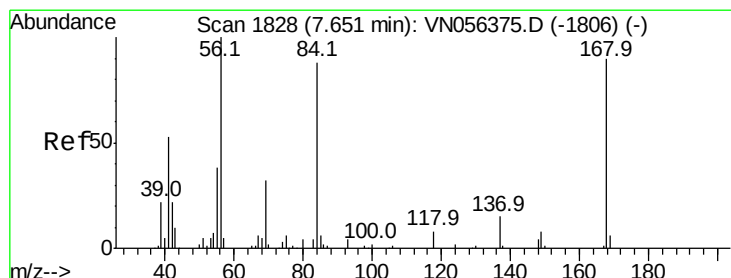
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67



Time-->



#31

Cyclohexane

Concen: 30.752 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

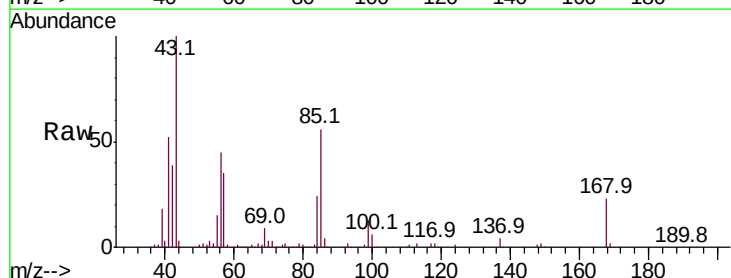
Tgt Ion: 56 Resp: 198872

Ion Ratio Lower Upper

56 100

69 17.5 25.8 38.6#

84 54.2 69.4 104.0#

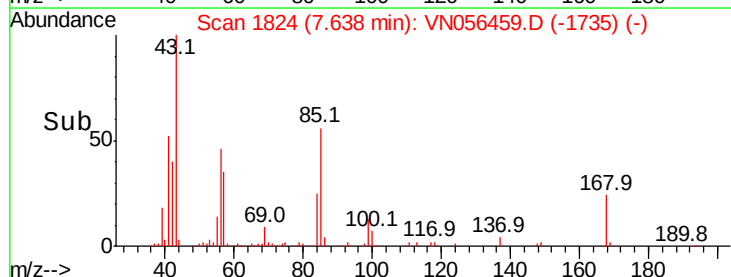


Abundance Ion 56.00 (55.70 to 56.70): VN

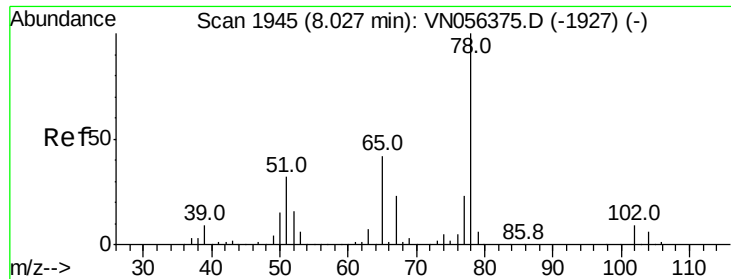
Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

7.64



Time-->



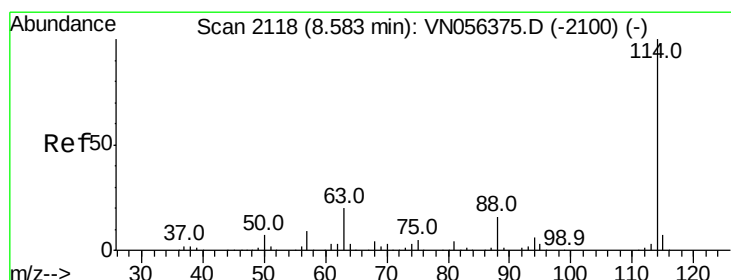
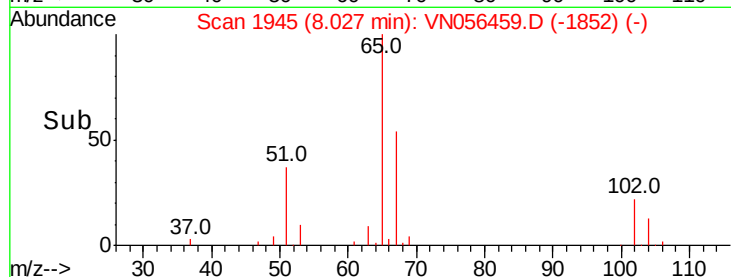
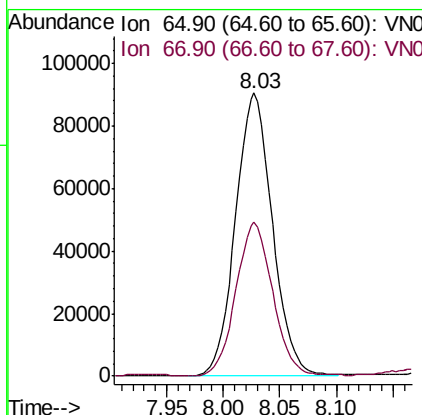
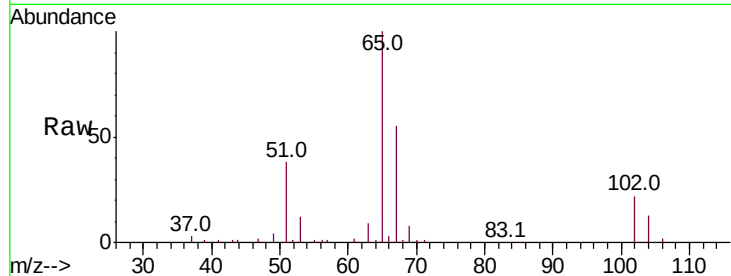
#33
 1,2-Dichloroethane-d4
 Concen: 49.199 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

Instrument :
 MSVOA_N
 ClientSampled :
 B-6(17-18)DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	206043		
67	54.2	0.0	109.0	

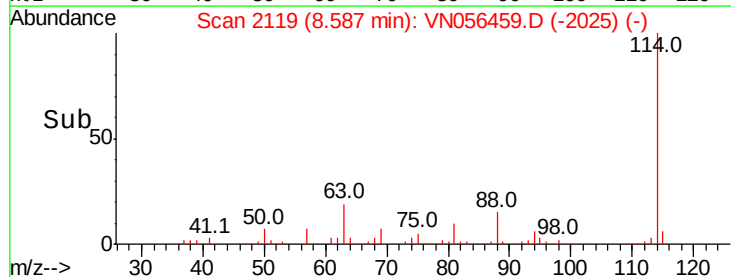
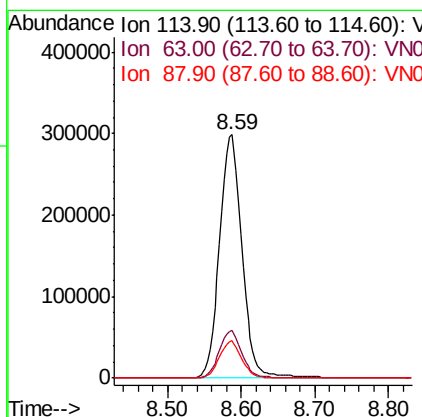
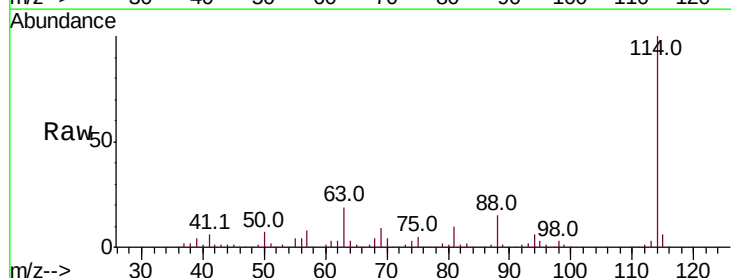
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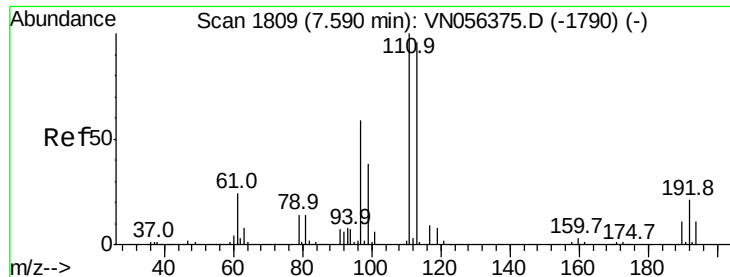
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056459.D
 Acq: 24 Jun 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	635832		
63	19.4	0.0	39.2	
88	15.3	0.0	31.4	





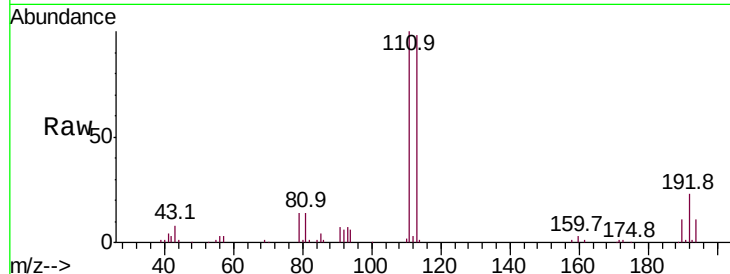
#35
Dibromofluoromethane
Concen: 45.526 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Instrument :
MSVOA_N
ClientSampleId :
B-6(17-18)DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	22.9	17.7	26.5

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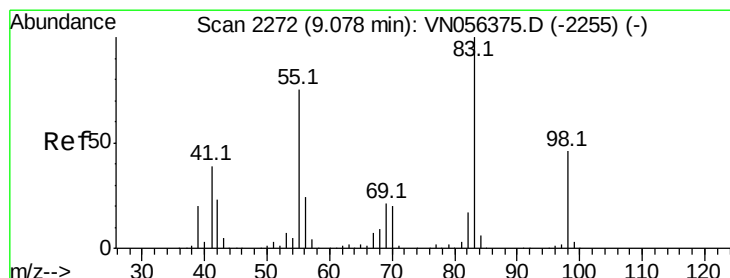
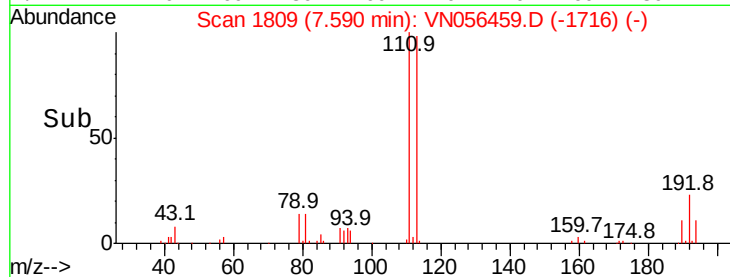
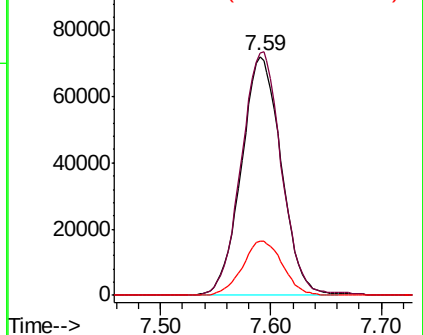


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39
Methylcyclohexane
Concen: 42.013 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

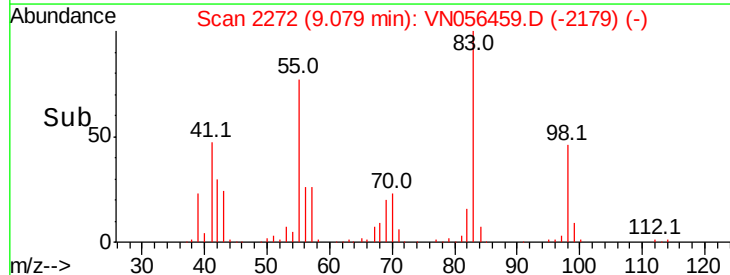
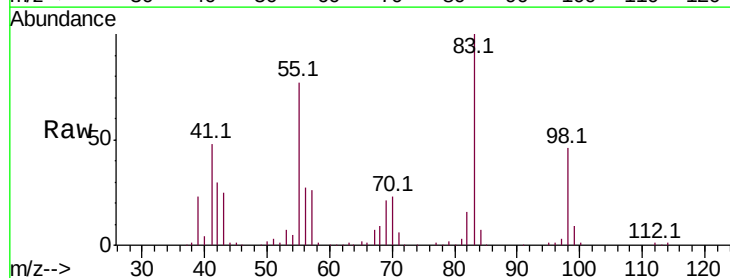
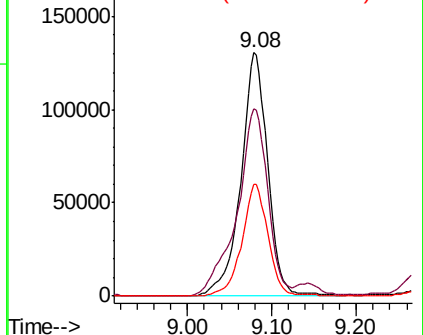
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.8	60.0	90.0
98	45.8	36.6	54.8

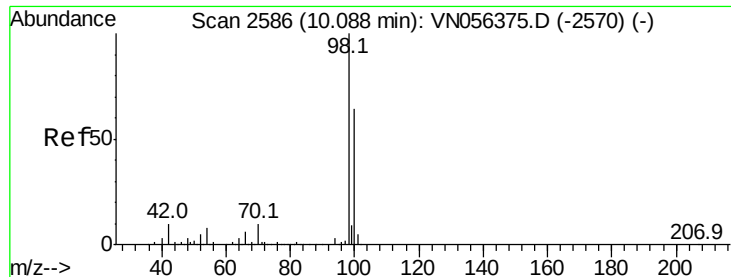
Abundance

Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#50

Toluene-d8

Concen: 51.784 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

B-6(17-18)DL

Tot Ion: 98 Resp: 799236

Ion Ratio Lower Upper

98 100

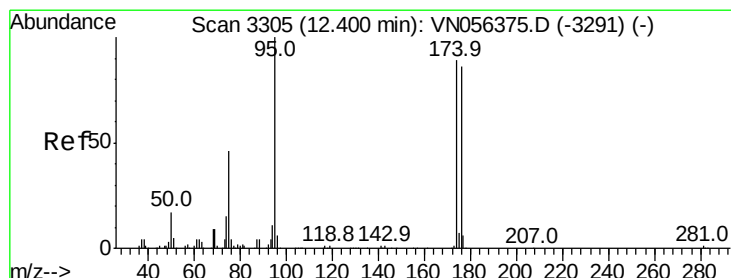
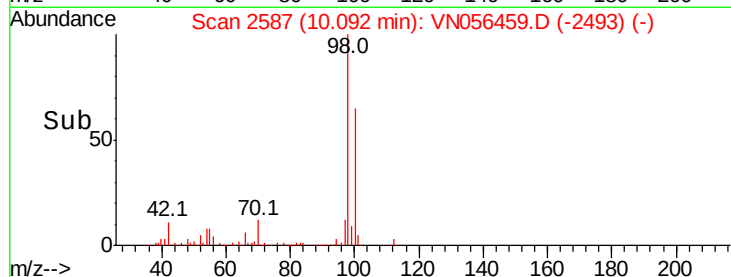
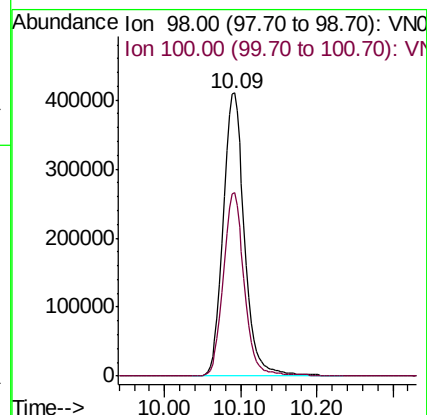
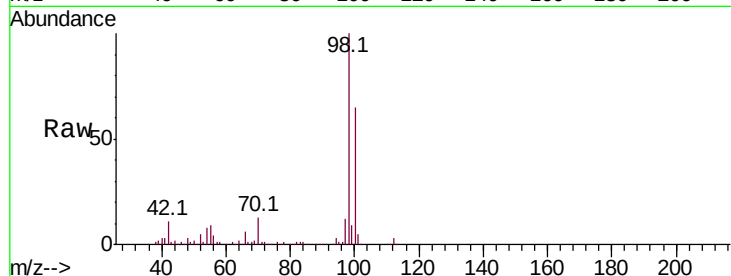
100 63.7 52.2 78.2

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#62

4-Bromofluorobenzene

Concen: 55.910 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

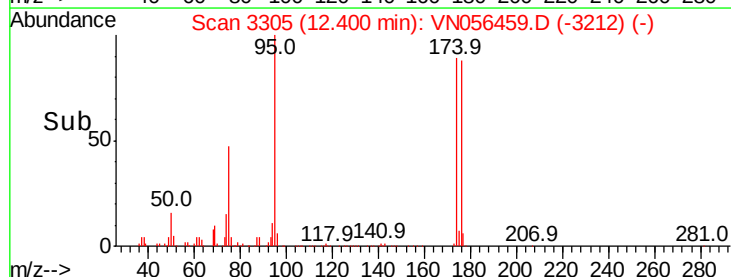
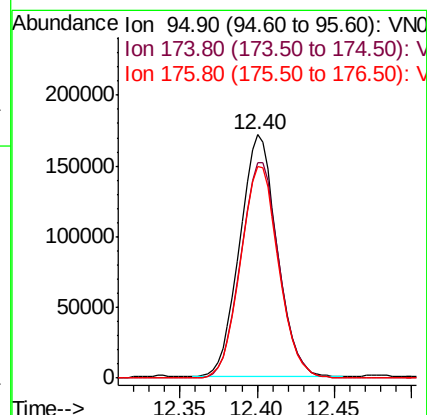
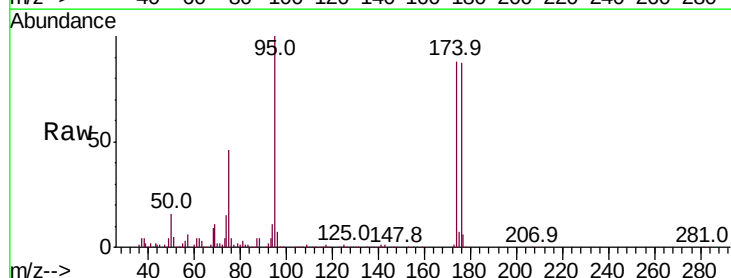
Tgt Ion: 95 Resp: 287661

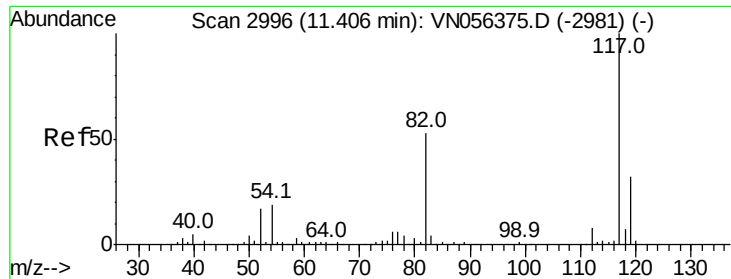
Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.4

176 88.9 0.0 173.4





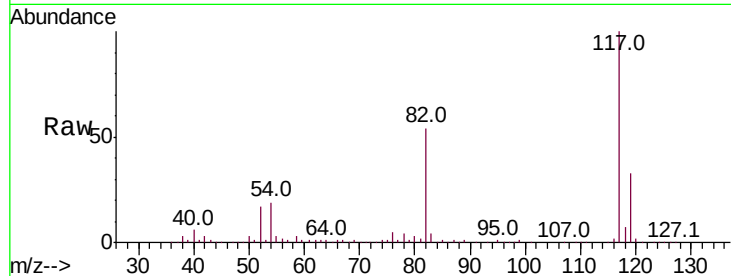
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Instrument :
MSVOA_N
ClientSampled :
B-6(17-18)DL

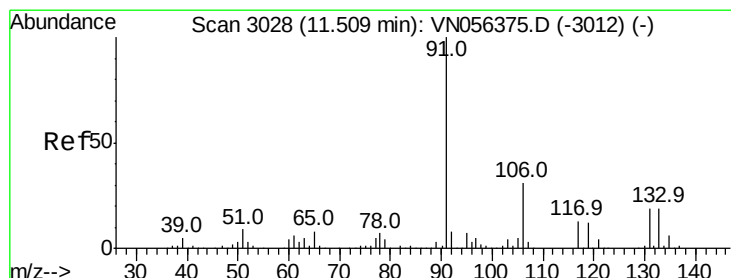
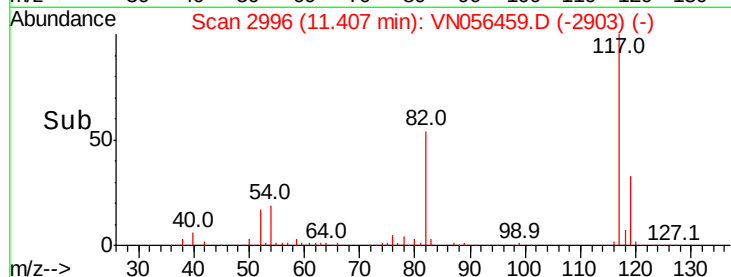
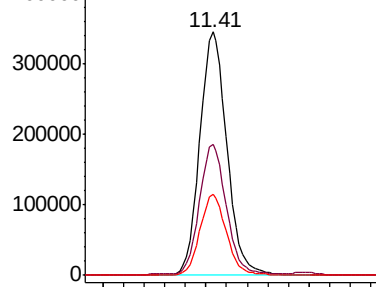
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.0	63.0
119	33.3	25.3	37.9

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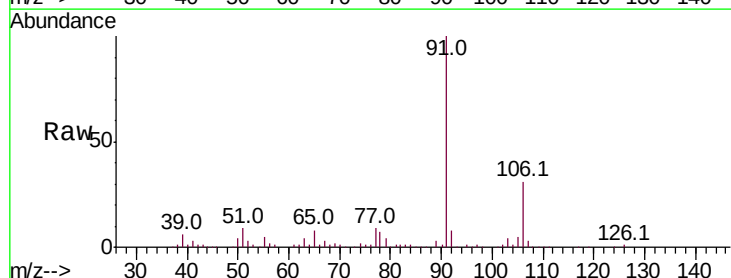


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

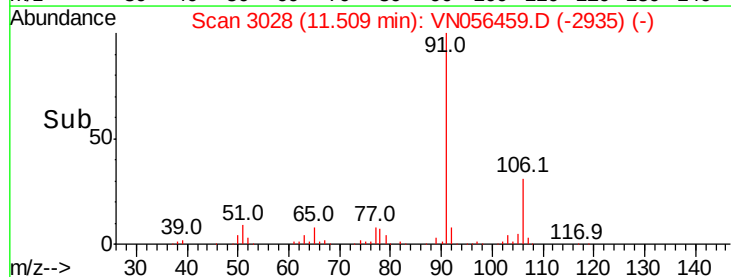
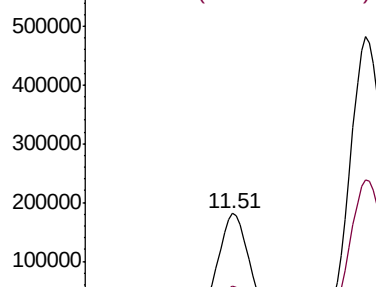


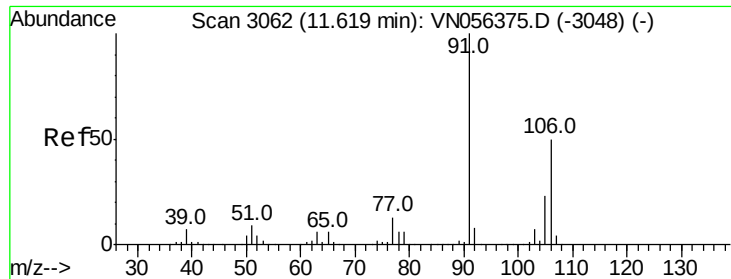
#67
Ethyl Benzene
Concen: 14.191 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.1	37.7



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





#68

m/p-Xylenes

Concen: 56.422 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampled :

B-6(17-18)DL

Tot Ion:106 Resp: 462450

Ion Ratio Lower Upper

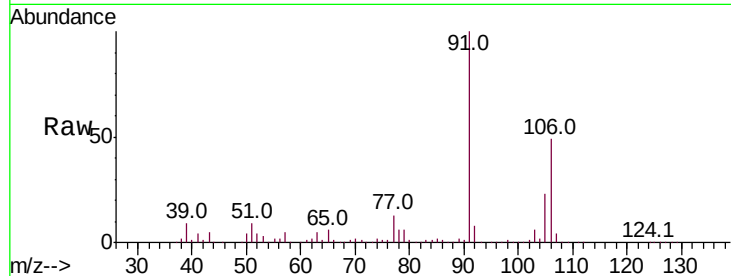
106 100

91 200.2 160.1 240.1

Manual Integrations
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

500000

400000

300000

200000

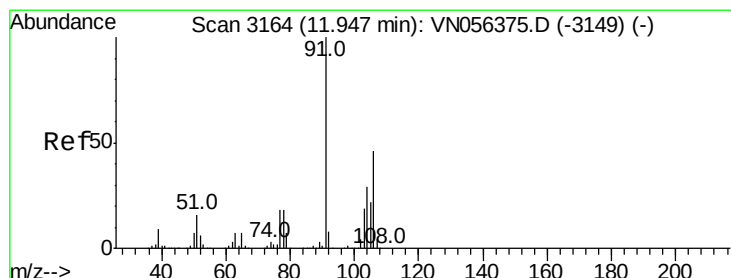
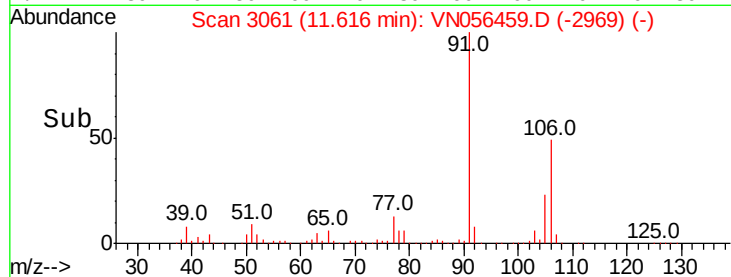
100000

0

11.62

11.70

Time-->



#69

o-Xylene

Concen: 9.459 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN056459.D

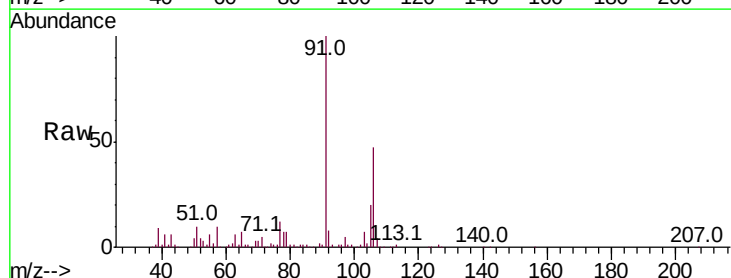
Acq: 24 Jun 2019 16:33

Tgt Ion:106 Resp: 76701

Ion Ratio Lower Upper

106 100

91 210.9 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

100000

80000

60000

40000

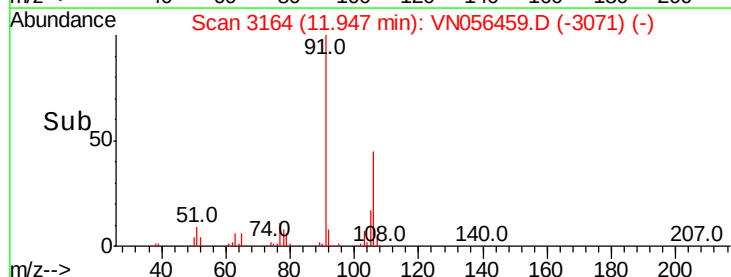
20000

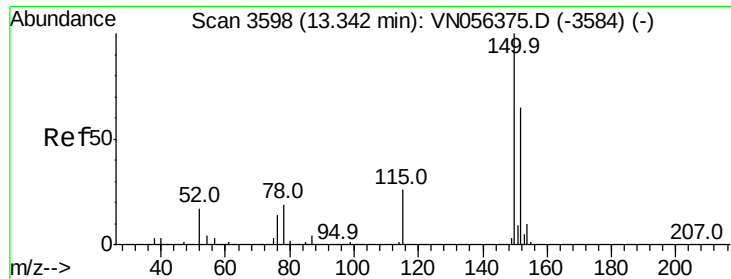
0

11.95

12.00

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

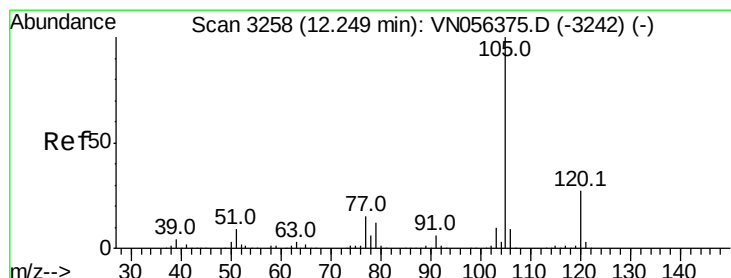
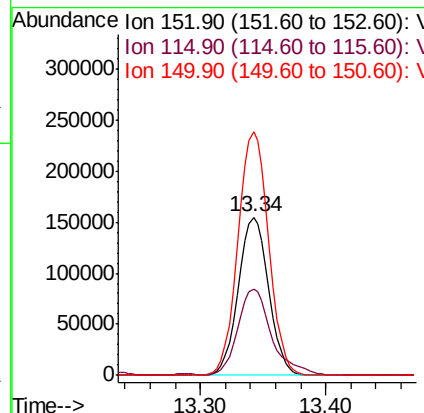
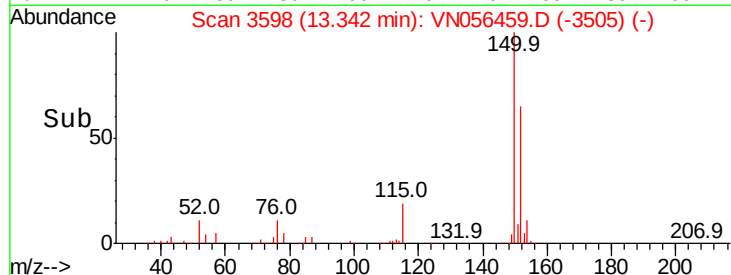
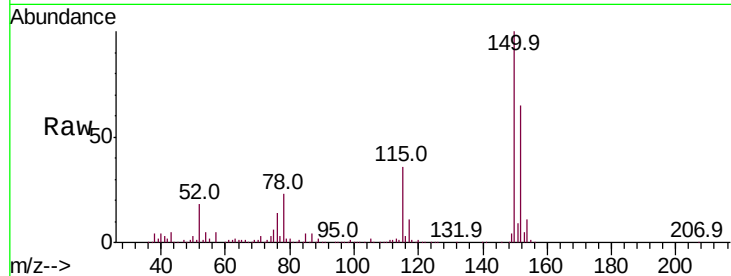
ClientSampleId :

B-6(17-18)DL

Tot Ion:	152	Resp:	259982
Ion Ratio	Lower	Upper	
152	100		
115	60.1	28.1	84.4
150	155.2	0.0	348.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 3.425 ug/l

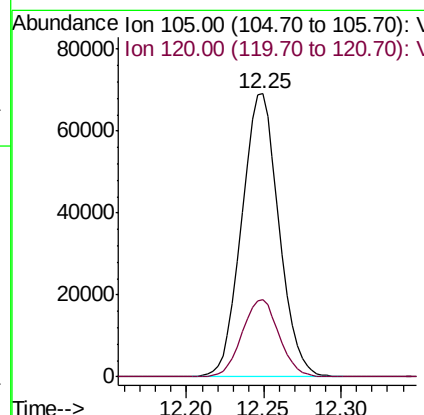
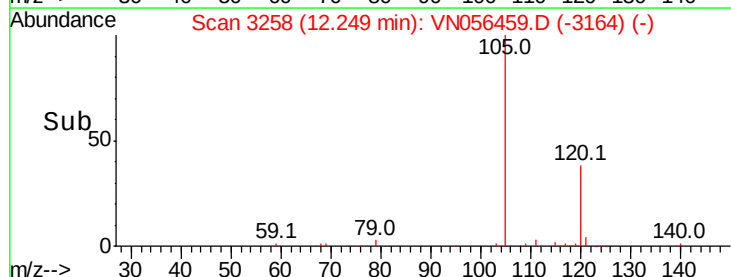
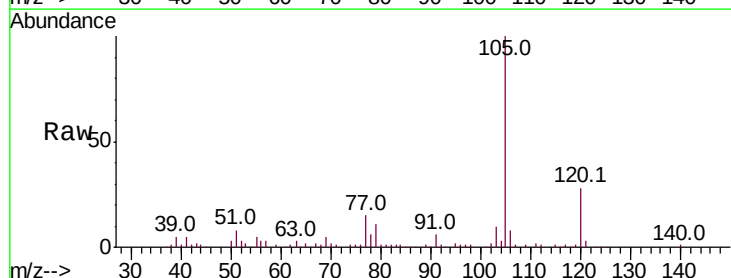
RT: 12.25 min Scan# 3258

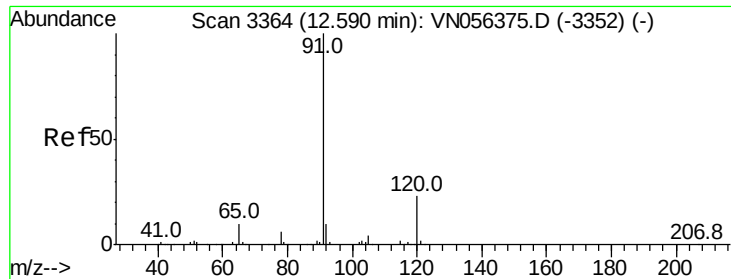
Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Tgt Ion:	105	Resp:	115764
Ion Ratio	Lower	Upper	
105	100		
120	27.2	13.4	40.2





#78

n-propylbenzene

Concen: 18.695 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

B-6(17-18)DL

Tot Ion: 91 Resp: 445090

Ion Ratio Lower Upper

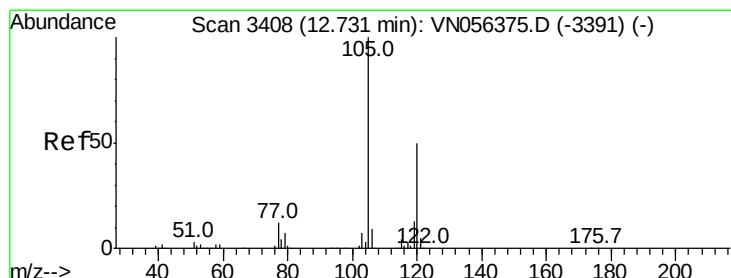
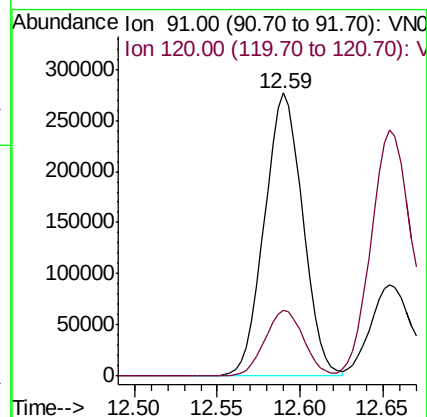
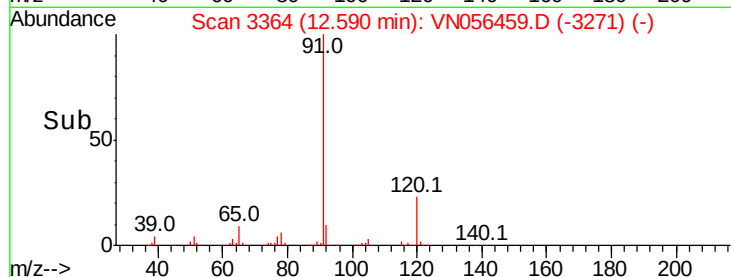
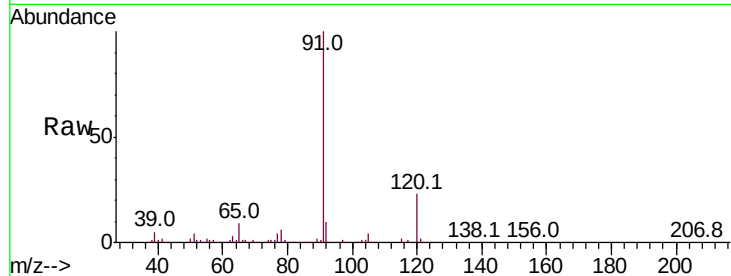
91 100

120 23.5 11.8 35.4

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#80

1,3,5-Trimethylbenzene

Concen: 32.117 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056459.D

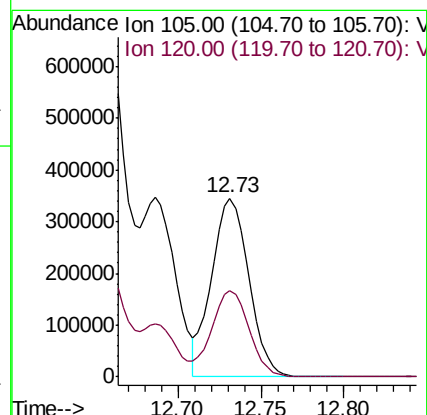
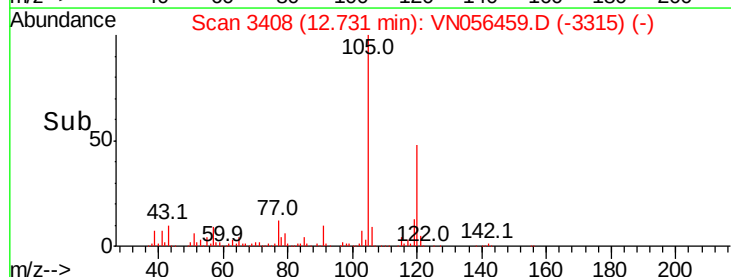
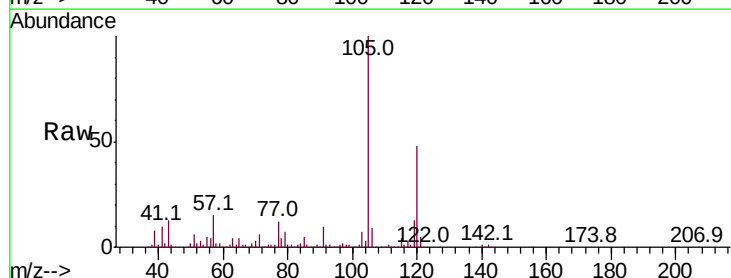
Acq: 24 Jun 2019 16:33

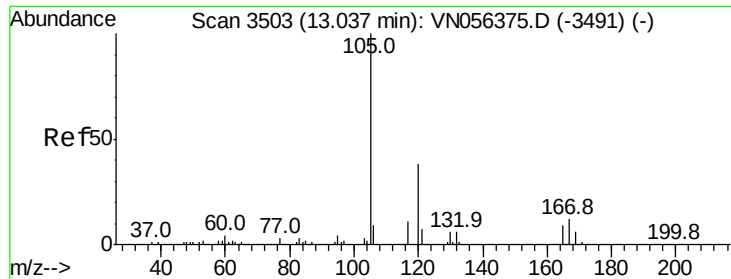
Tgt Ion: 105 Resp: 538710

Ion Ratio Lower Upper

105 100

120 48.5 24.8 74.4





#84

1,2,4-Trimethylbenzene

Concen: 99.636 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056459.D

Acq: 24 Jun 2019 16:33

Instrument :

MSVOA_N

ClientSampleId :

B-6(17-18)DL

Tot Ion:105 Resp: 1743816

Ion Ratio Lower Upper

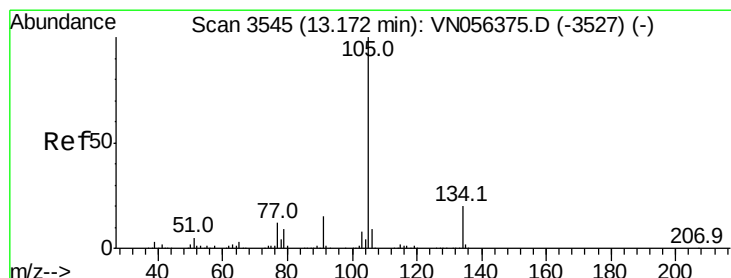
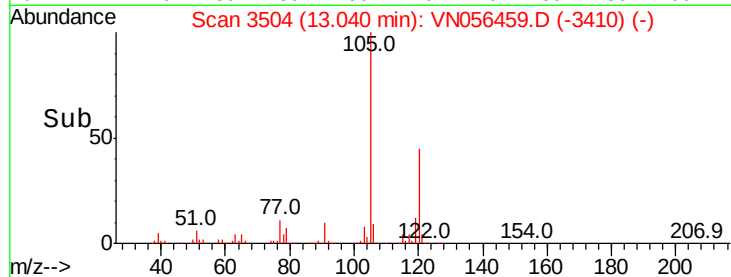
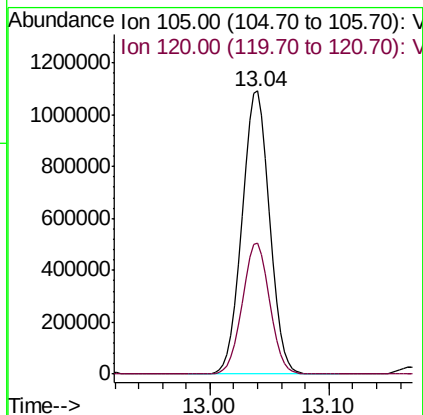
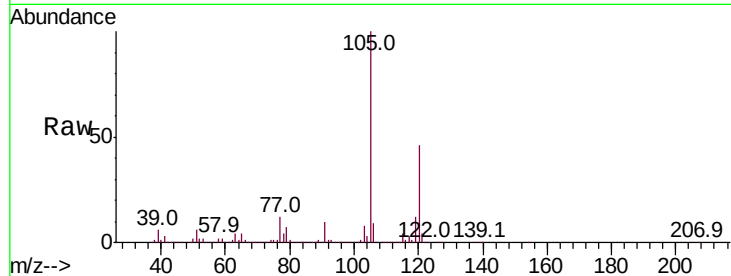
105 100

120 46.0 22.9 68.8

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#85

sec-Butylbenzene

Concen: 2.267 ug/l m

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056459.D

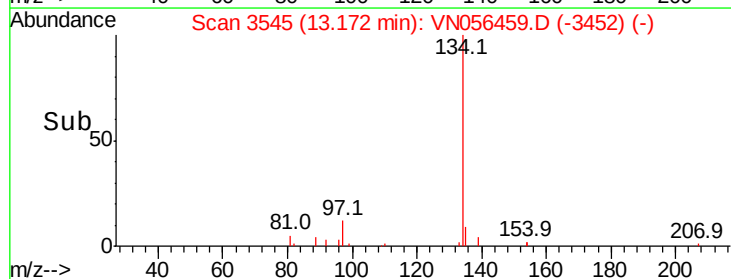
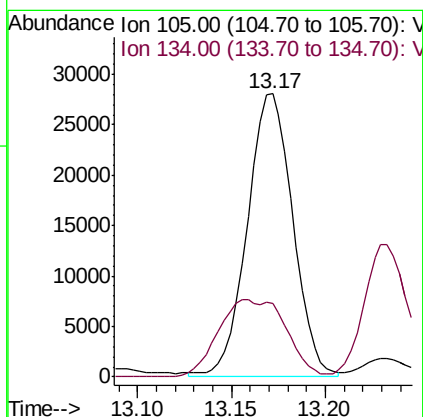
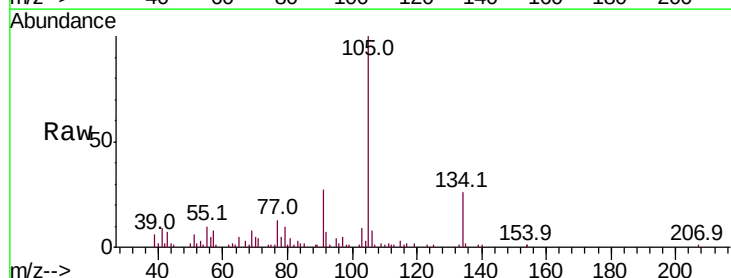
Acq: 24 Jun 2019 16:33

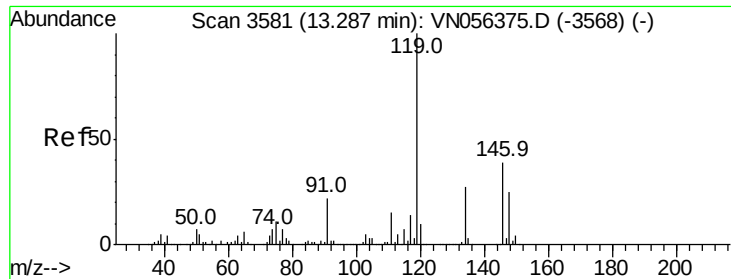
Tgt Ion:105 Resp: 47435

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#





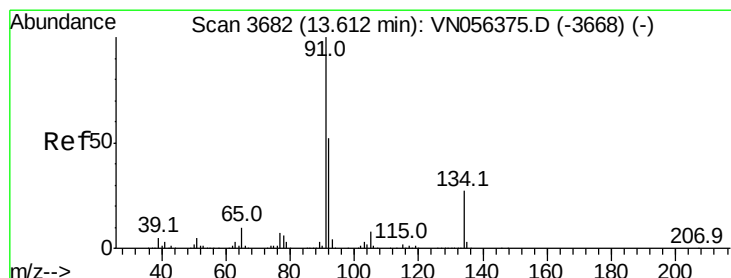
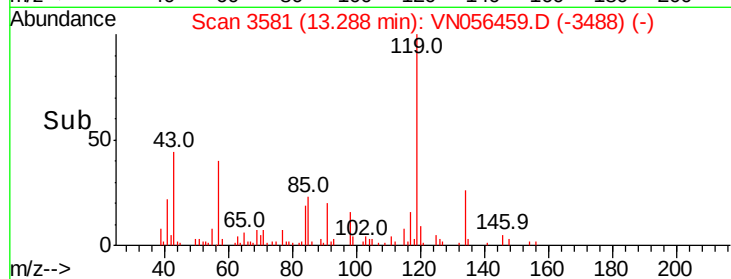
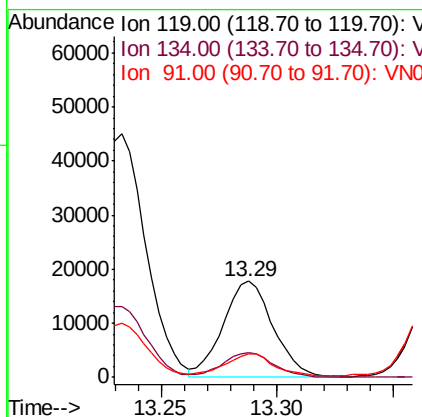
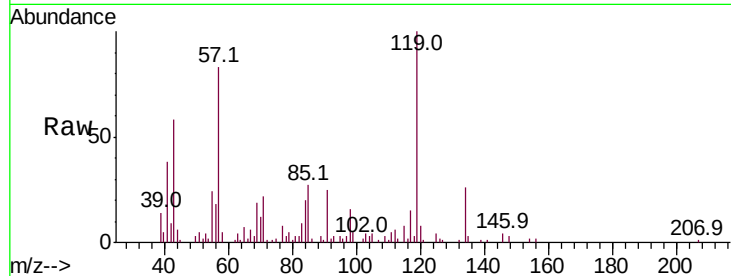
#86
p-Isopropyltoluene
Concen: 1.484 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Instrument :
MSVOA_N
ClientSampled :
B-6(17-18)DL

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	21.7	11.2	33.5

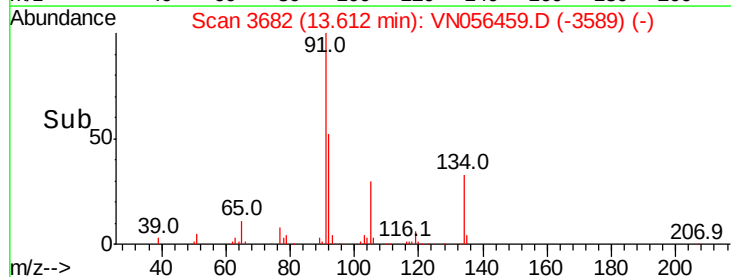
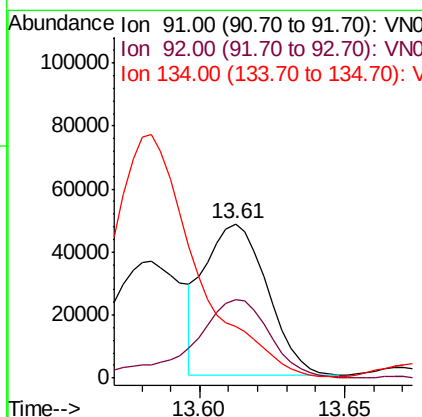
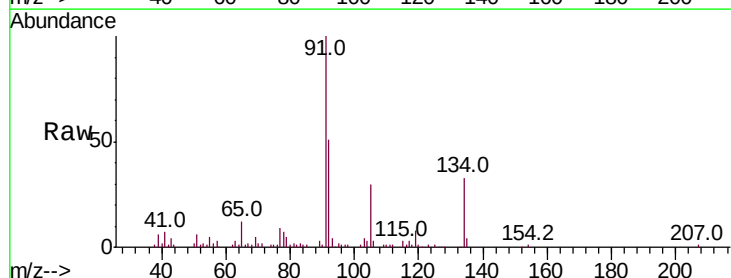
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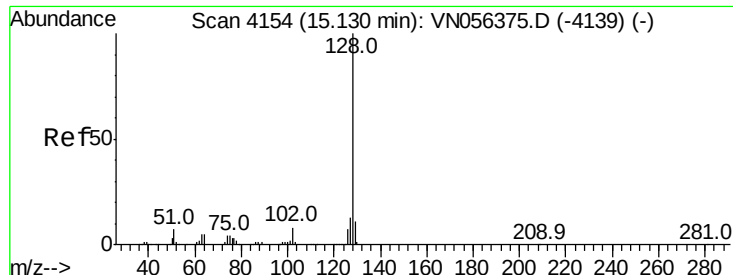
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#89
n-Butylbenzene
Concen: 5.271 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	64.1	26.2	78.5
134	0.0	13.4	40.2#





#95
Naphthalene
Concen: 11.590 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN056459.D
Acq: 24 Jun 2019 16:33

Instrument :
MSVOA_N
ClientSampleId :
B-6(17-18)DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	12.2	8.6	12.8

Manual Integrations
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