

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
 Data File : VN057910.D
 Acq On : 11 Sep 2019 9:34
 Operator : JC/SP
 Sample : K4658-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-090619

Quant Time: Sep 12 01:42:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	330919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	557586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	271895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	362520	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
35) Dibromofluoromethane	7.58	113	248545	48.30	ug/l	0.00
Spiked Amount			Recovery	=	96.60%	
50) Toluene-d8	10.09	98	1006056	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.40	95	350471	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	

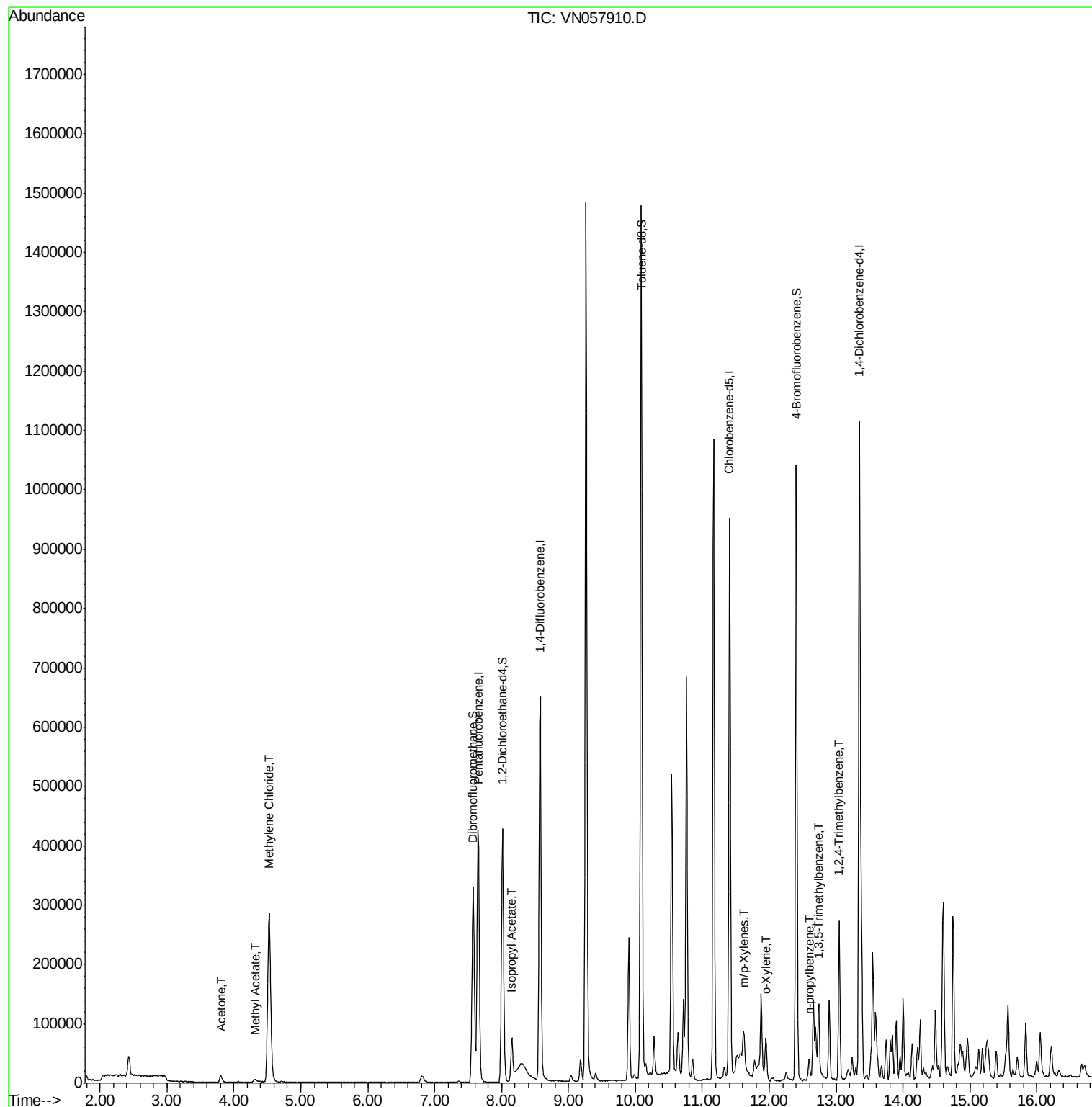
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	18635	8.481	ug/l #	89
18) Methyl Acetate	4.32	43	9372	1.600	ug/l #	88
20) Methylene Chloride	4.53	84	211855	50.665	ug/l	98
43) Isopropyl Acetate	8.16	43	97865	8.710	ug/l #	88
68) m/p-Xylenes	11.62	106	16665	1.910	ug/l	97
69) o-Xylene	11.95	106	17044	1.965	ug/l	90
78) n-propylbenzene	12.60	91	26842	1.108	ug/l	94
80) 1,3,5-Trimethylbenzene	12.74	105	58990	3.309	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	152510	8.418	ug/l	97

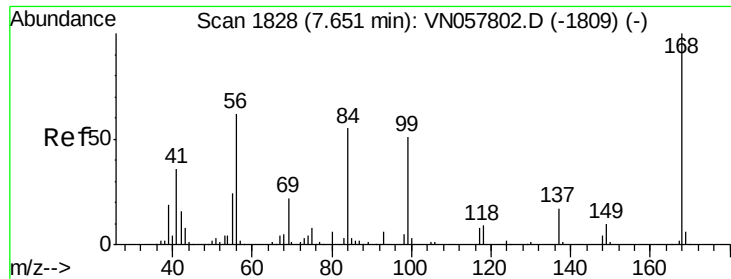
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

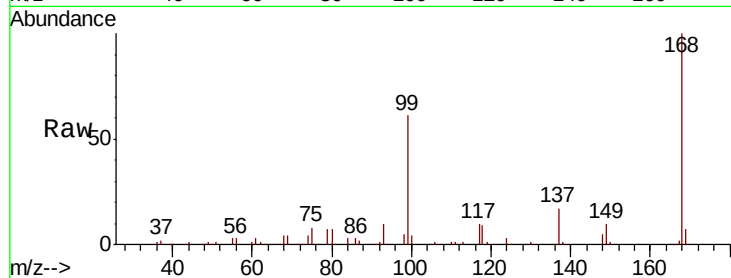
HR-06-090619

Tot Ion:168 Resp: 330919

Ion Ratio Lower Upper

168 100

99 60.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

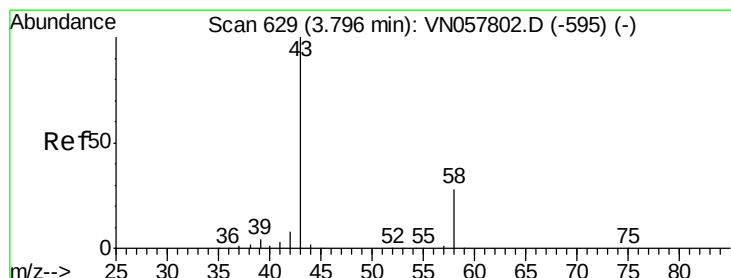
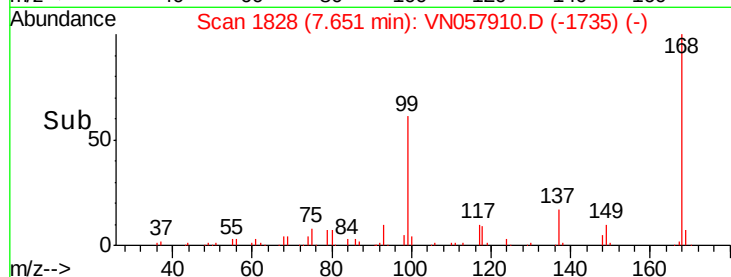
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.481 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057910.D

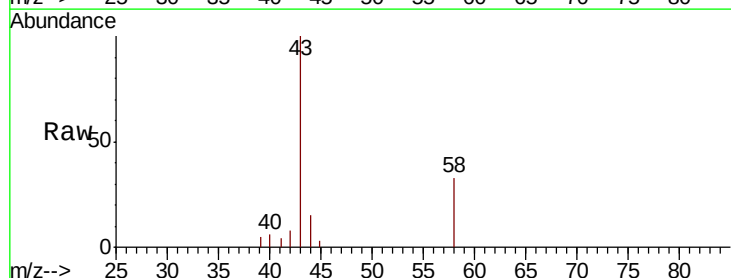
Acq: 11 Sep 2019 9:34

Tgt Ion: 43 Resp: 18635

Ion Ratio Lower Upper

43 100

58 33.4 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

8000

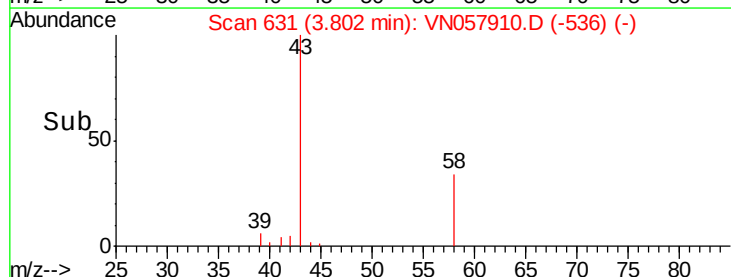
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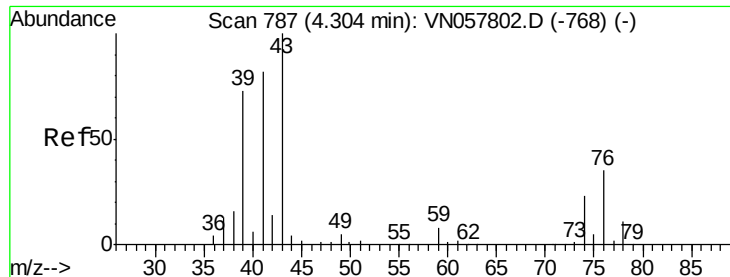
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Time-->

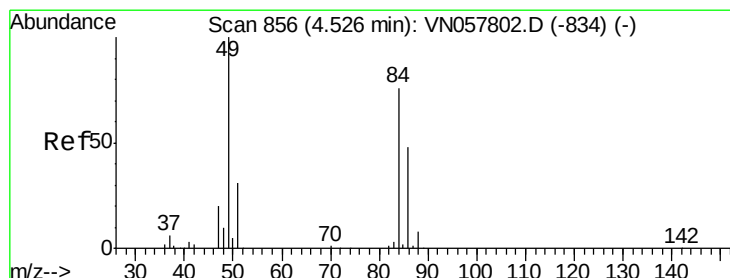
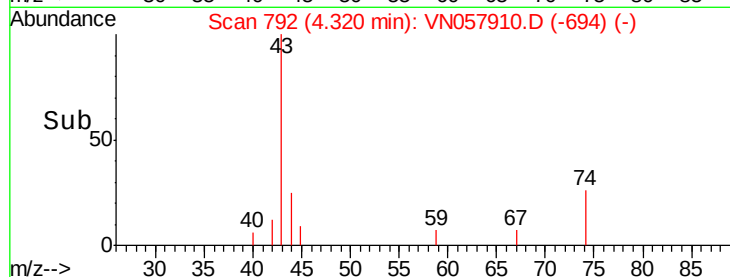
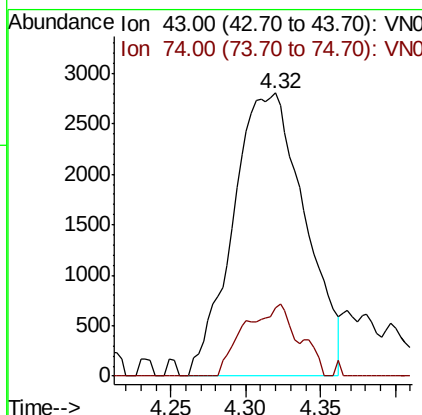
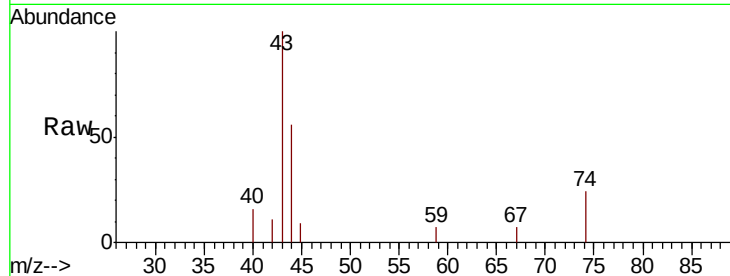




#18
Methvl Acetate
Concen: 1.600 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

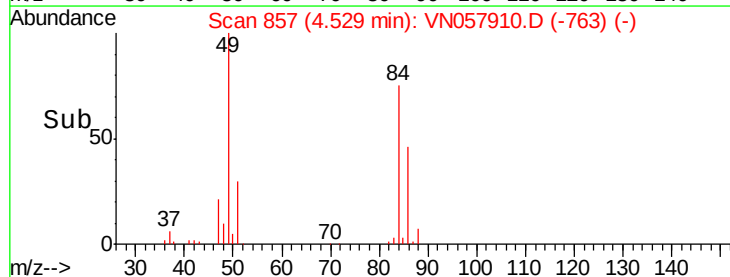
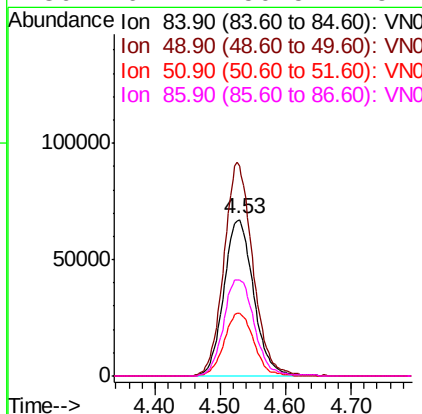
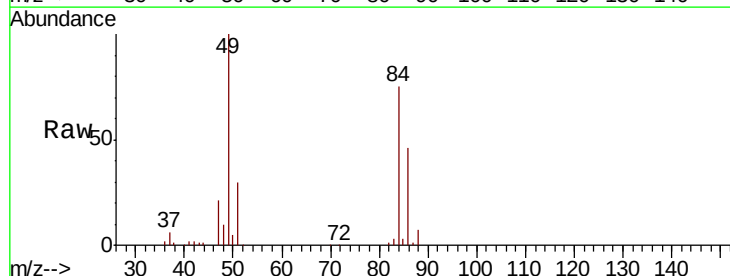
Instrument :
MSVOA_N
ClientSampleId :
HR-06-090619

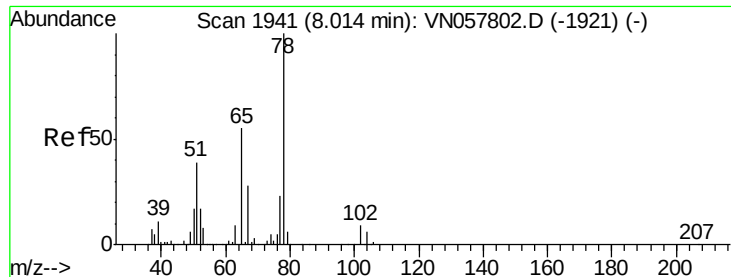
Tot Ion: 43 Resp: 9372
Ion Ratio Lower Upper
43 100
74 16.7 17.9 26.9#



#20
Methylene Chloride
Concen: 50.665 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion: 84 Resp: 211855
Ion Ratio Lower Upper
84 100
49 133.7 104.8 157.2
51 39.8 33.0 49.4
86 61.1 50.5 75.7

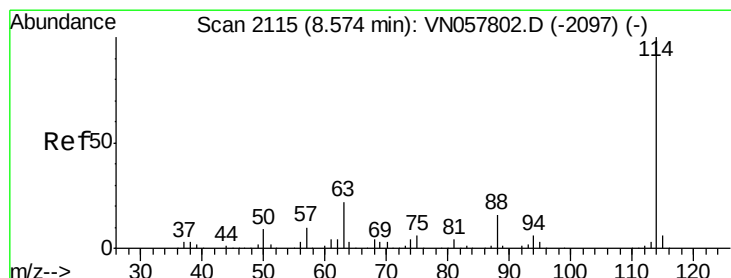
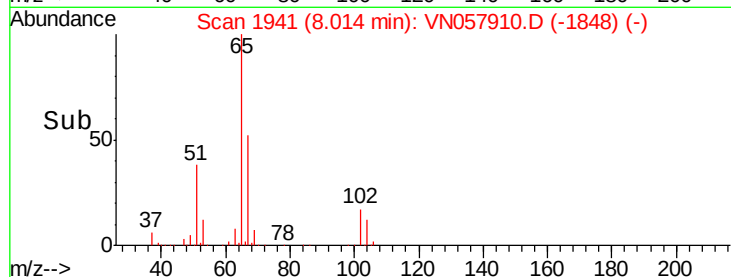
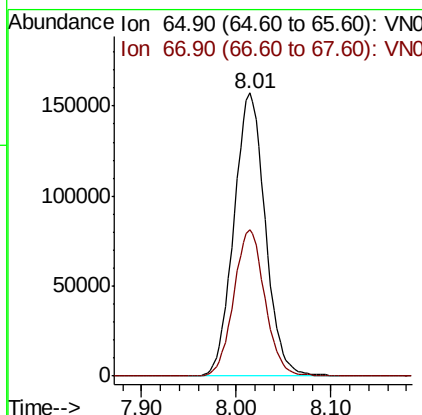
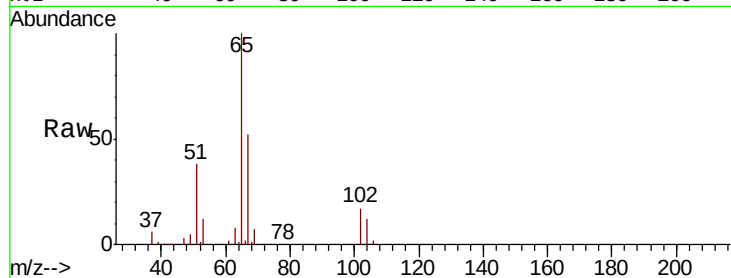




#33
 1,2-Dichloroethane-d4
 Concen: 54.087 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

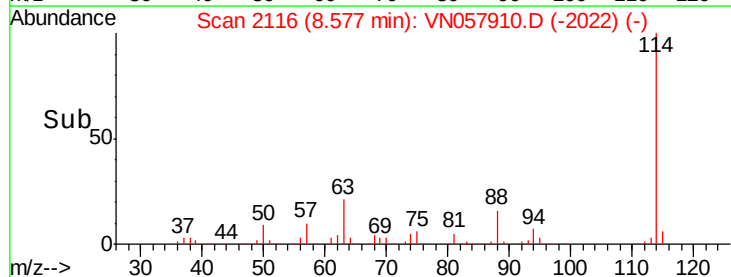
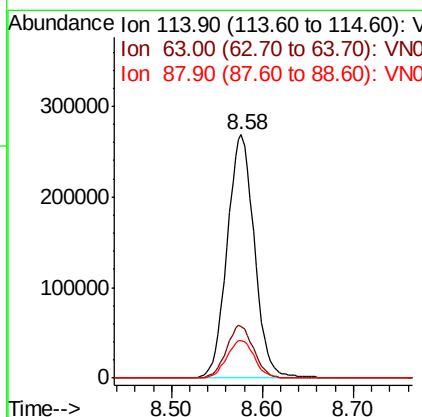
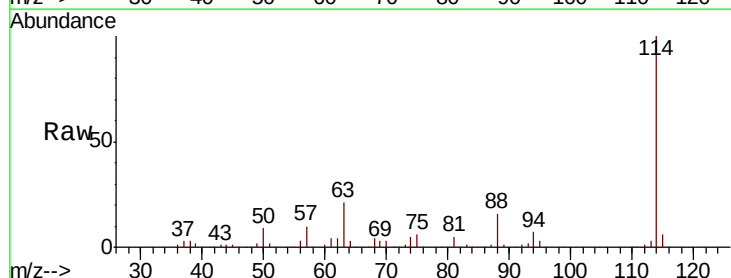
Instrument :
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 ClientSampleId :
 HR-06-090619

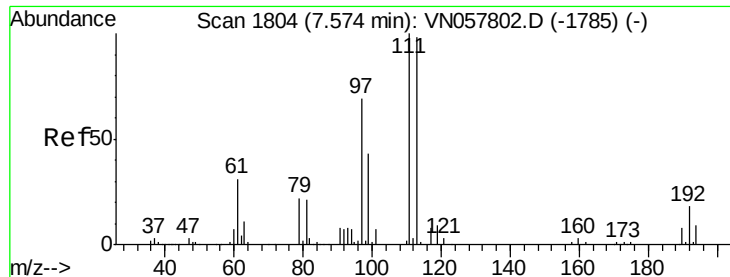
Tot Ion: 65 Resp: 362520
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

Tgt Ion: 114 Resp: 557586
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.0
 88 15.5 0.0 31.4

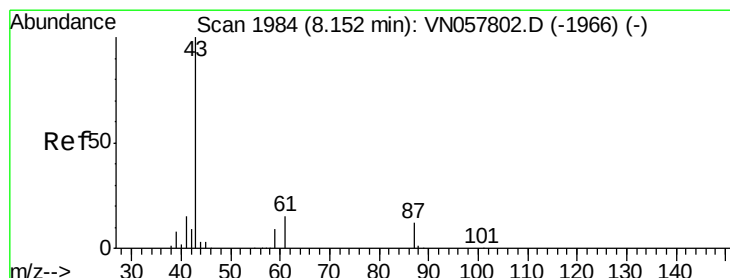
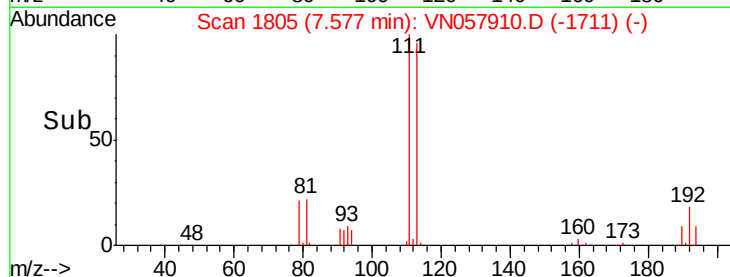
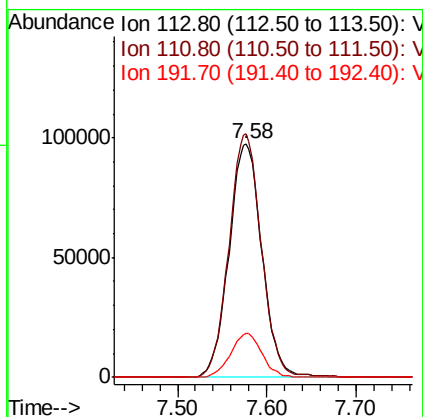
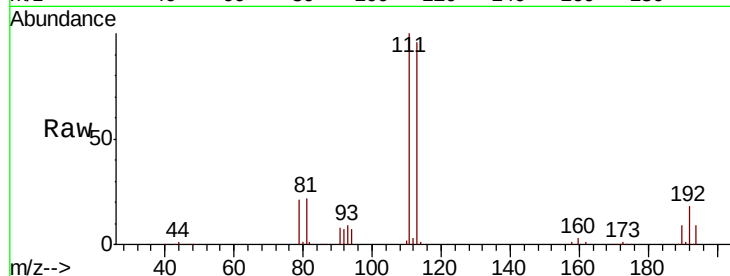




#35
 Dibromofluoromethane
 Concen: 48.296 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

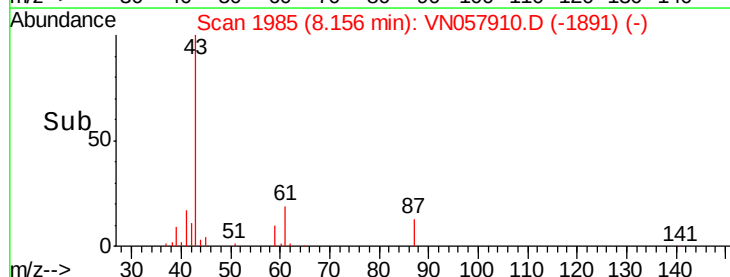
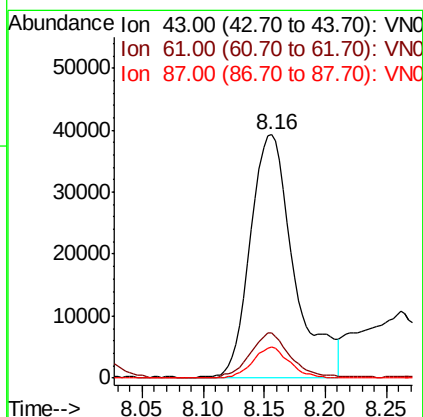
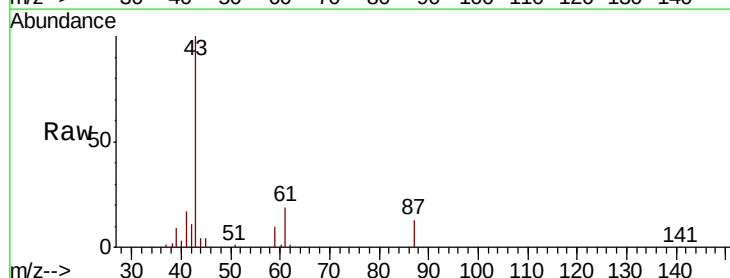
Instrument :
 MSVOA_N
 ClientSampled :
 HR-06-090619

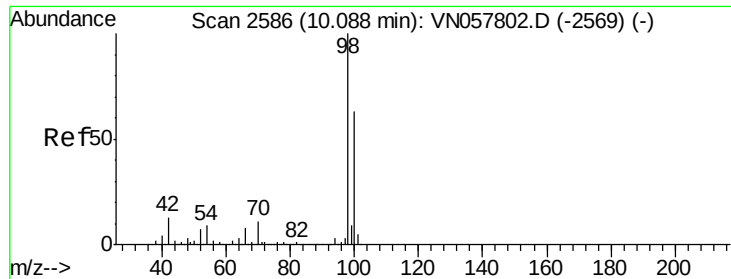
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	17.9	14.6	22.0



#43
 Isopropyl Acetate
 Concen: 8.710 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	20.1	30.1#
87	10.5	9.5	14.3





#50

Toluene-d8

Concen: 50.351 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampleId :

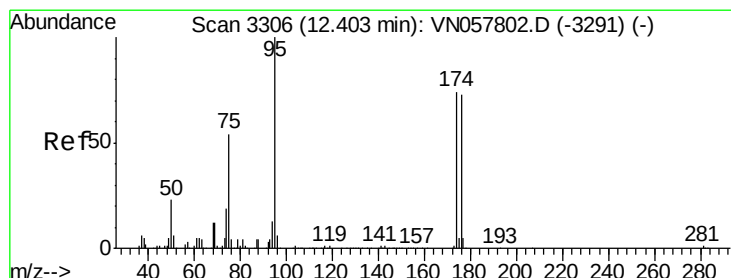
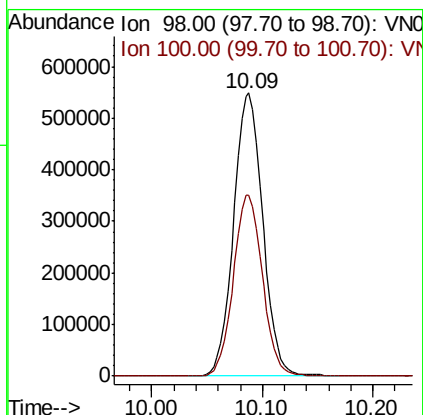
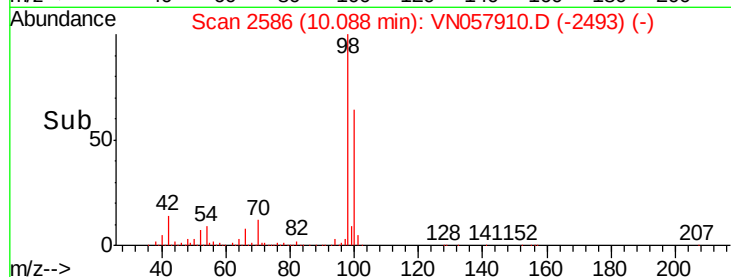
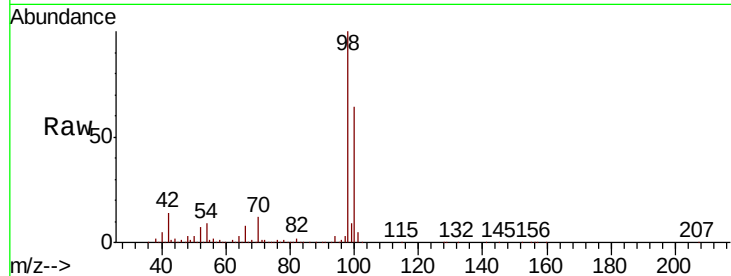
HR-06-090619

Tot Ion: 98 Resp: 1006056

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 46.027 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

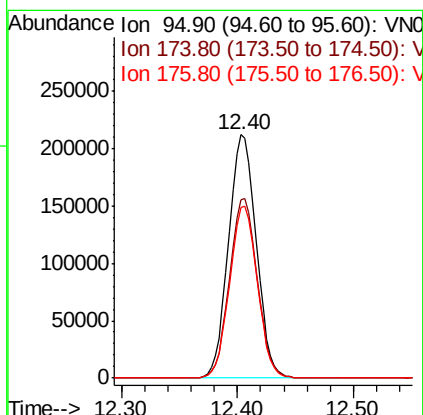
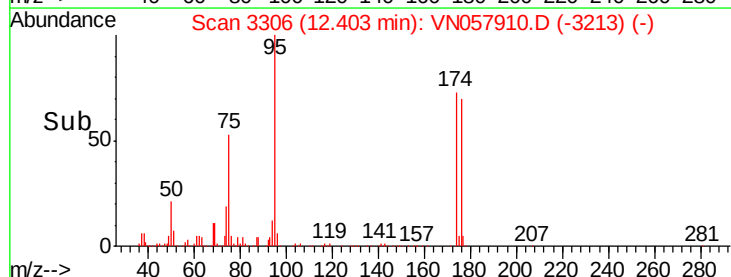
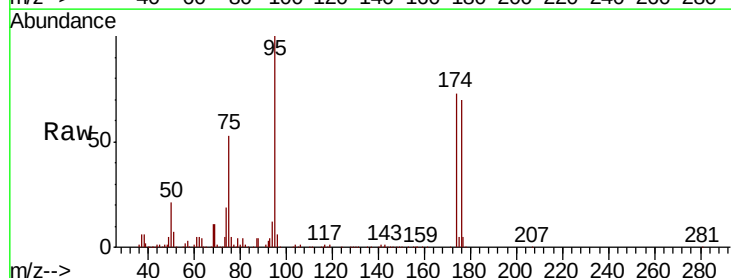
Tgt Ion: 95 Resp: 350471

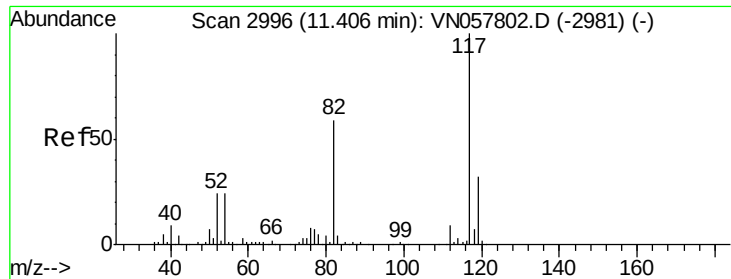
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.2

176 70.5 0.0 146.0

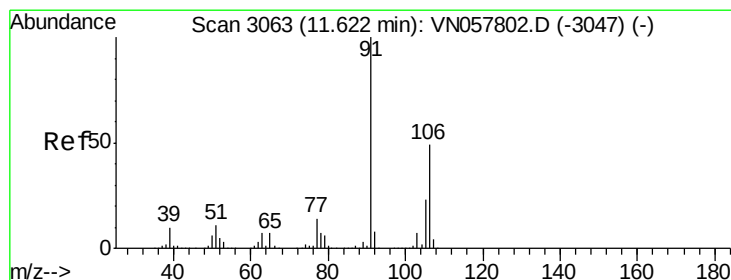
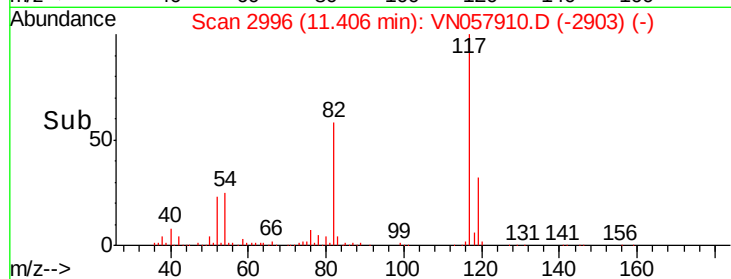
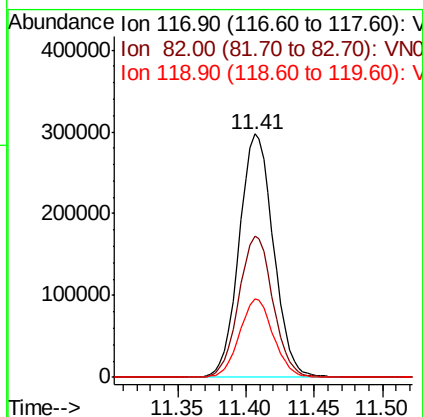
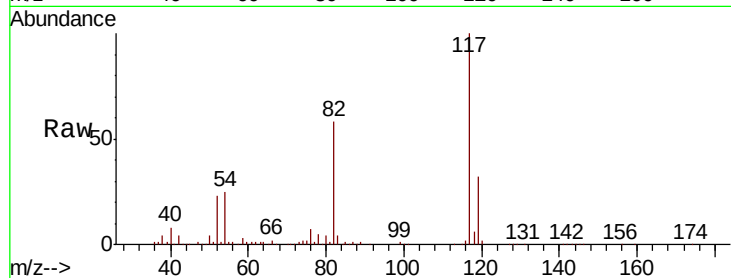




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

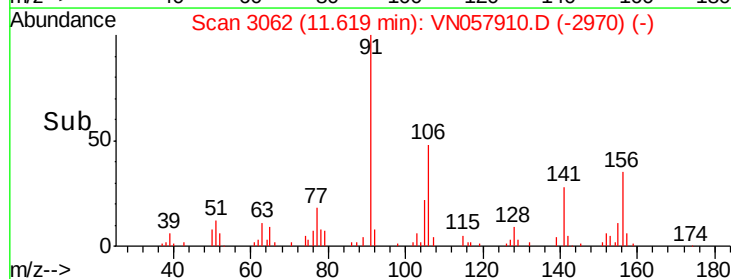
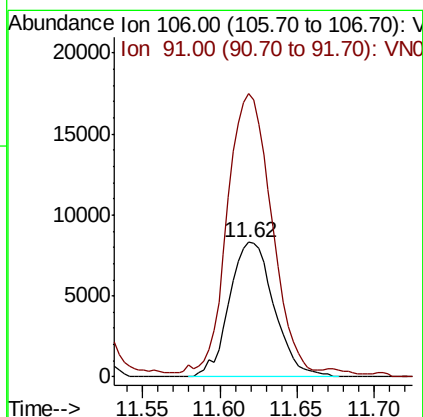
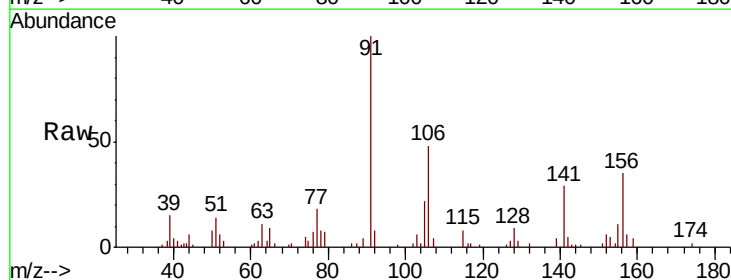
Instrument :
MSVOA_N
ClientSampled :
HR-06-090619

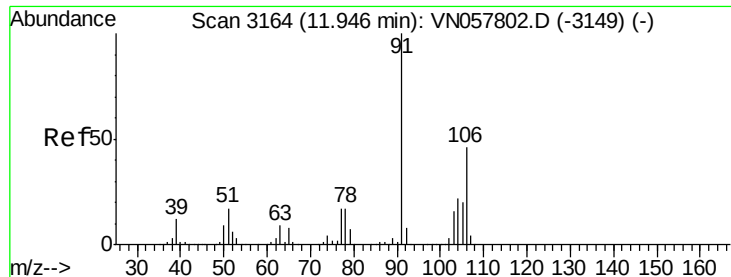
Tot Ion:117 Resp: 519224
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 32.0 25.3 37.9



#68
m/p-Xylenes
Concen: 1.910 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion:106 Resp: 16665
Ion Ratio Lower Upper
106 100
91 202.6 165.8 248.6

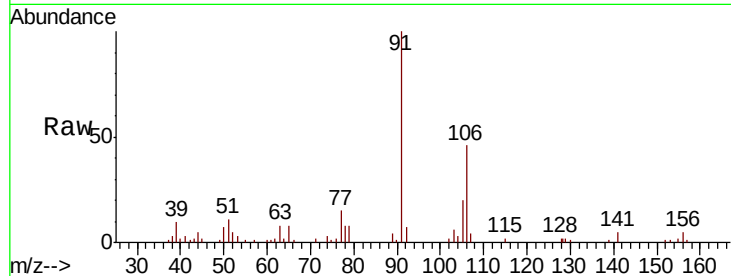




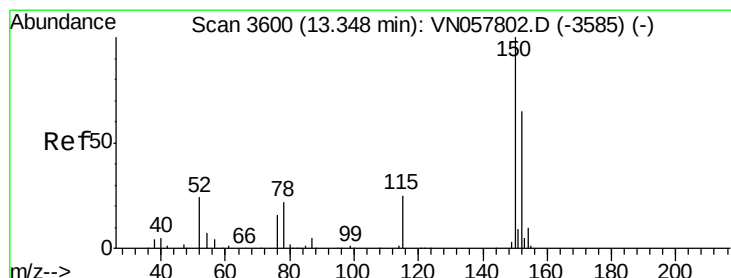
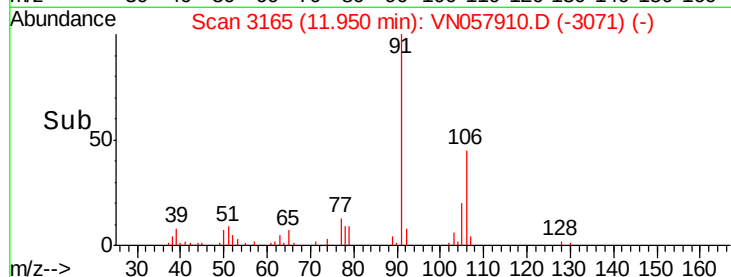
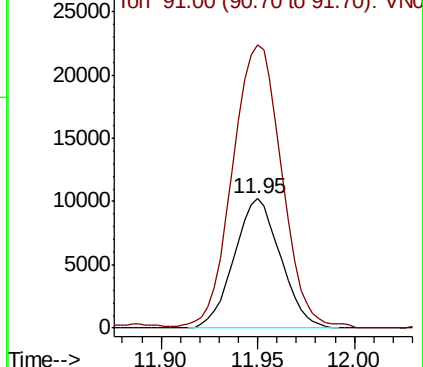
#69
o-Xylene
Concen: 1.965 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Instrument :
MSVOA_N
ClientSampled :
HR-06-090619

Tot Ion:106 Resp: 17044
Ion Ratio Lower Upper
106 100
91 233.5 108.7 326.1

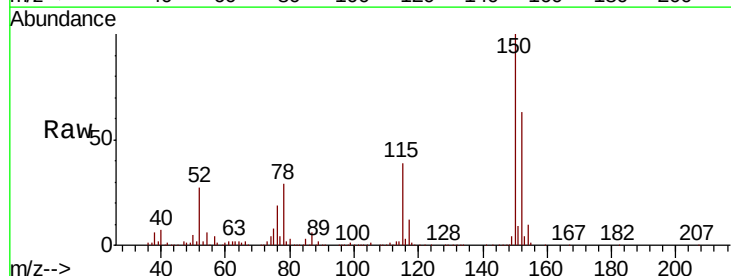


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

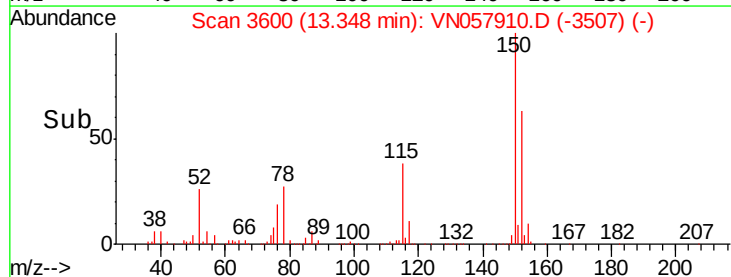
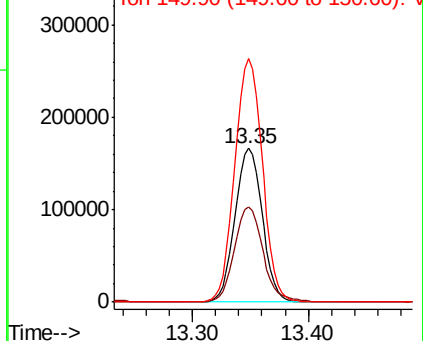


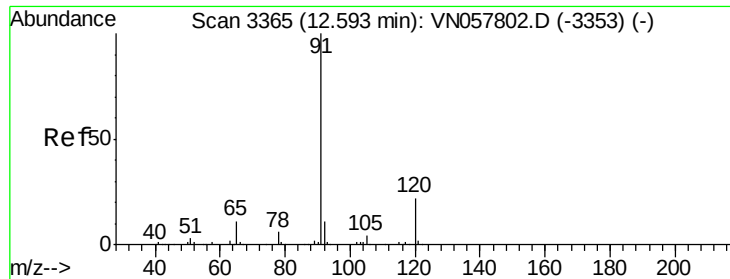
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057910.D
Acq: 11 Sep 2019 9:34

Tgt Ion:152 Resp: 271895
Ion Ratio Lower Upper
152 100
115 64.0 30.3 91.0
150 160.5 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#78

n-propylbenzene

Concen: 1.108 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057910.D

Acq: 11 Sep 2019 9:34

Instrument :

MSVOA_N

ClientSampled :

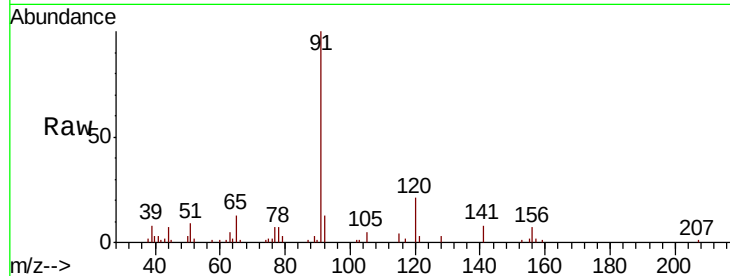
HR-06-090619

Tot Ion: 91 Resp: 26842

Ion Ratio Lower Upper

91 100

120 19.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3353) (-)

Ion 120.00 (119.70 to 120.70): VN057802.D (-3353) (-)

12.60

15000

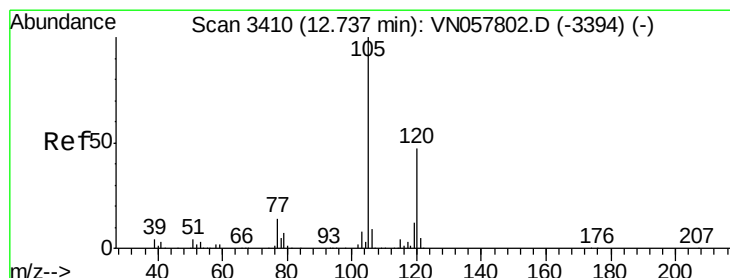
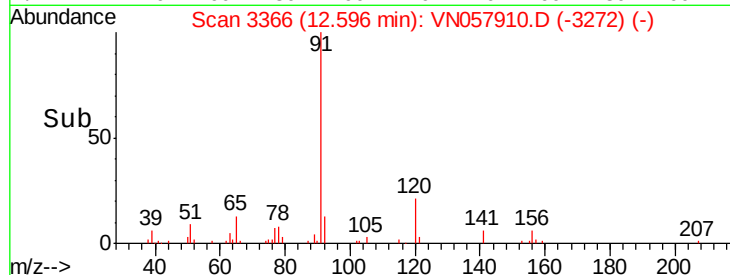
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0

Time-->

12.55 12.60 12.65



#80

1,3,5-Trimethylbenzene

Concen: 3.309 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057910.D

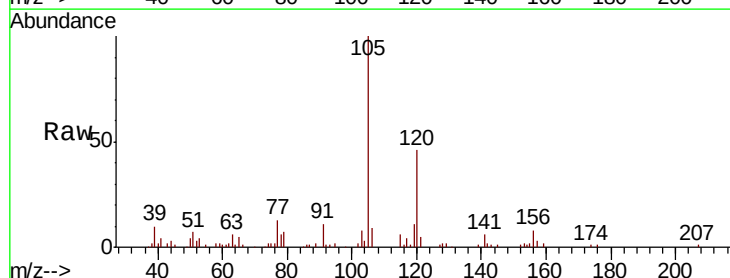
Acq: 11 Sep 2019 9:34

Tgt Ion:105 Resp: 58990

Ion Ratio Lower Upper

105 100

120 48.4 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN057802.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN057802.D (-3394) (-)

12.74

40000

30000

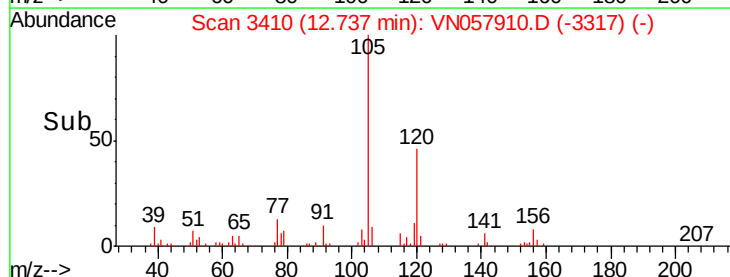
20000

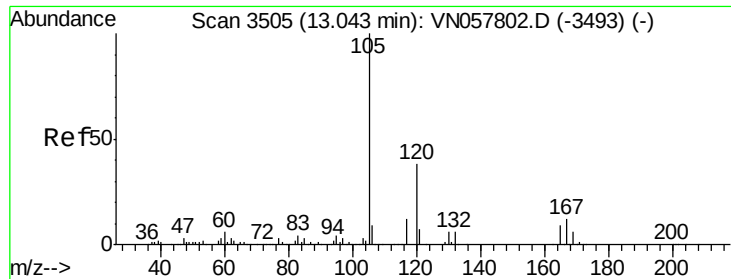
10000

0

Time-->

12.70 12.75 12.80





#84
 1,2,4-Trimethylbenzene
 Concen: 8.418 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057910.D
 Acq: 11 Sep 2019 9:34

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-090619

Tot Ion:105 Resp: 152510
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.4 67.2

