

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092418\
 Data File : VN051456.D
 Acq On : 24 Sep 2018 13:05
 Operator : MD\SY
 Sample : J5042-04ME
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NYSEG-CLRK-PH4-A9-B1

Manual Integrations
 APPROVED

MMDadoda
 9/25/2018 11:31:03 AM

Quant Time: Sep 25 03:30:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	601280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	894861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	749094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	377029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	398742	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	7.59	113	345275	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	10.09	98	1240106	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
62) 4-Bromofluorobenzene	12.40	95	380945	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
Target Compounds						
					Qvalue	
18) Methyl Acetate	4.34	43	8272m	1.442	ug/l	
20) Methylene Chloride	4.54	84	5848	0.785	ug/l	91
52) Toluene	10.15	92	7667	0.405	ug/l	97
67) Ethyl Benzene	11.51	91	29670	0.916	ug/l	99
68) m/p-Xylenes	11.62	106	15781	1.260	ug/l	94
69) o-Xylene	11.95	106	8051	0.668	ug/l	88
73) Isopropylbenzene	12.25	105	10204	0.321	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	39805	1.535	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	67233	2.572	ug/l	100
86) p-Isopropyltoluene	13.29	119	7773	0.288	ug/l	93
95) Naphthalene	15.13	128	1292820	85.432	ug/l	100

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

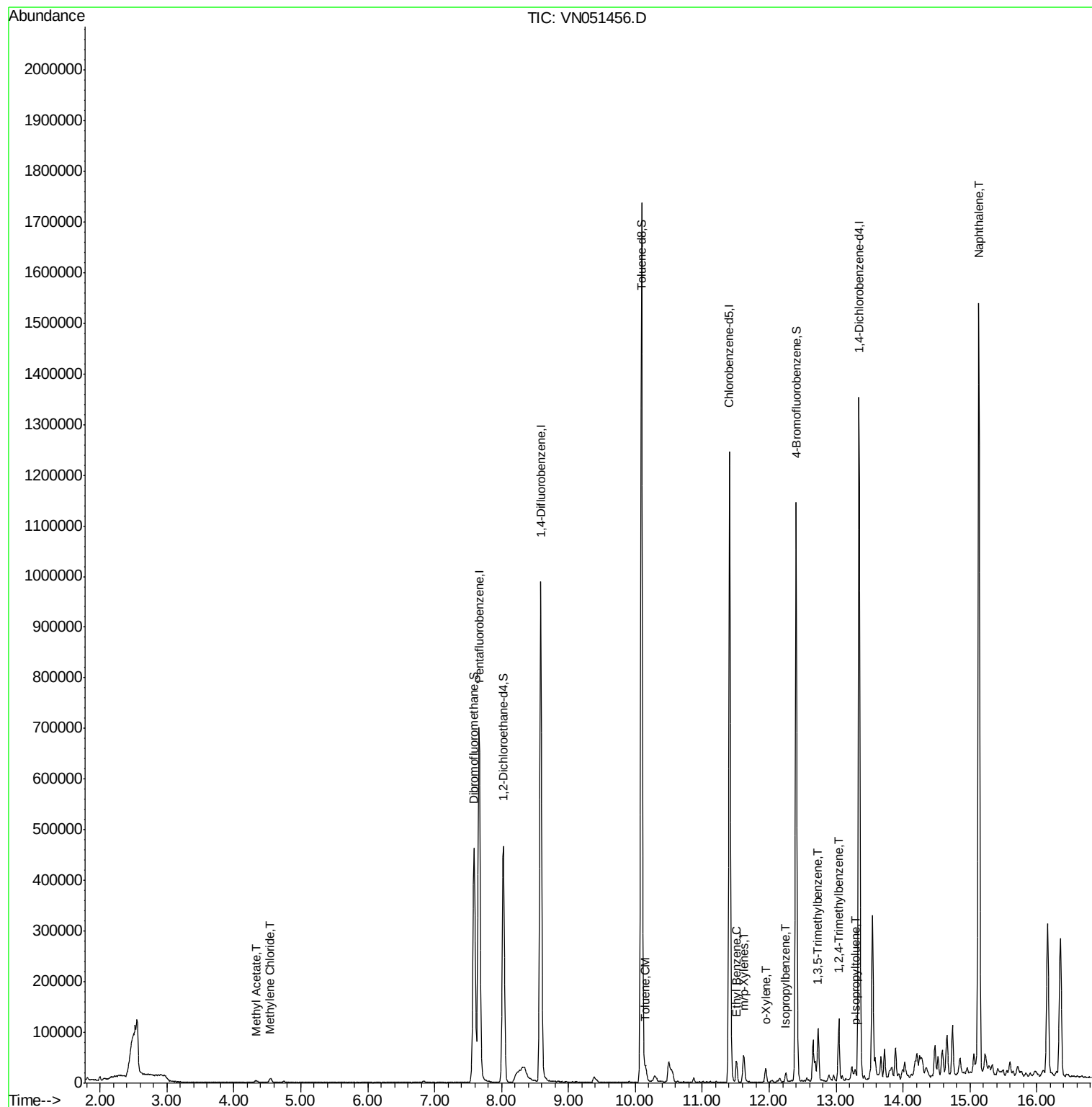
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Data File : VN051456.D
Acq On : 24 Sep 2018 13:05
Operator : MD\SY
Sample : J5042-04ME
Misc : 5.10µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

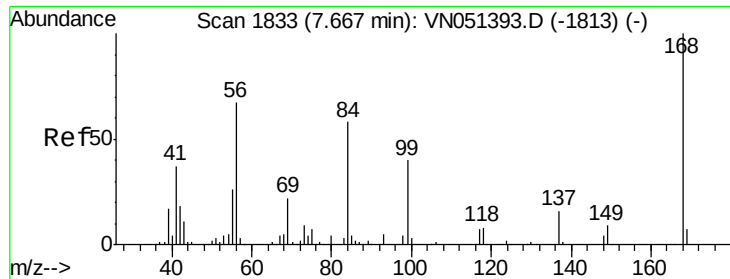
Instrument :
MSVOA_N
ClientSampleId :
NYSEG-CLRK-PH4-A9-B1

Manual Integrations
APPROVED

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9/25/2018 11:31:03 AM

Quant Time: Sep 25 03:30:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
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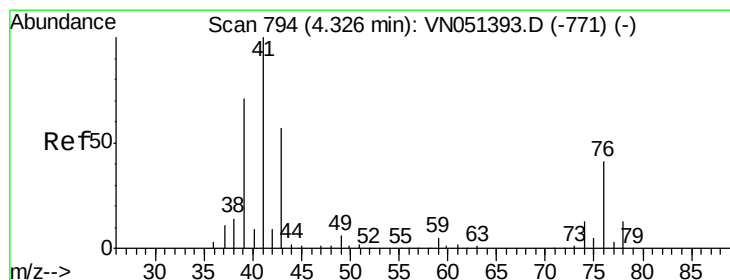
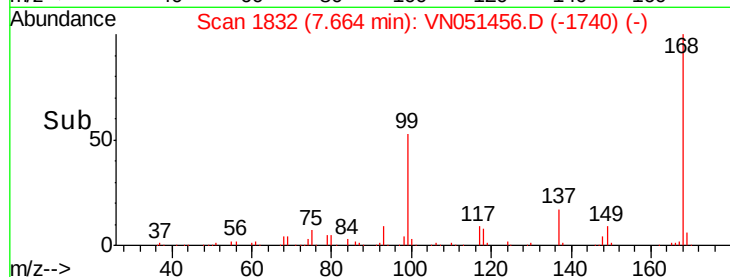
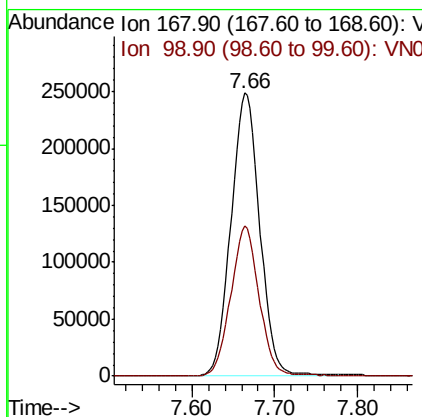
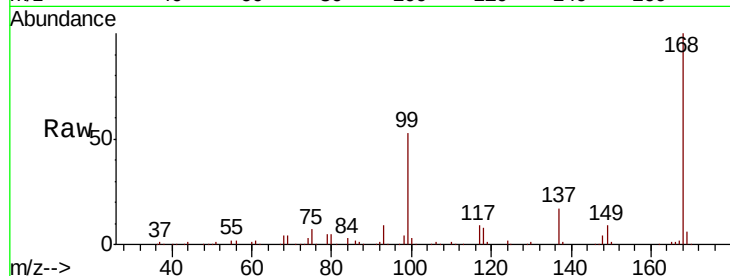
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.00 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Instrument :
MSVOA_N
ClientSampleId :
NYSEG-CLRK-PH4-A9-B1

Tot Ion:168 Resp: 601280
Ion Ratio Lower Upper
168 100
99 53.2 40.2 60.2

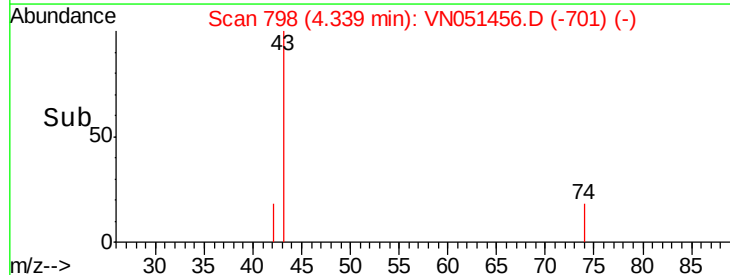
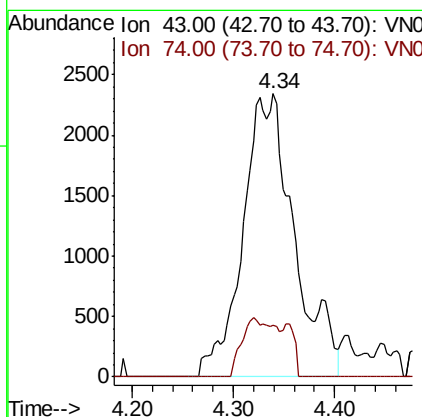
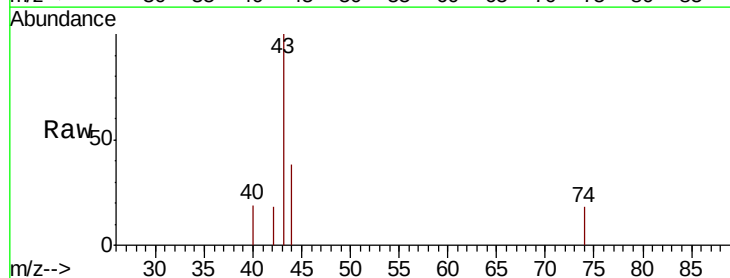
Manual Integrations
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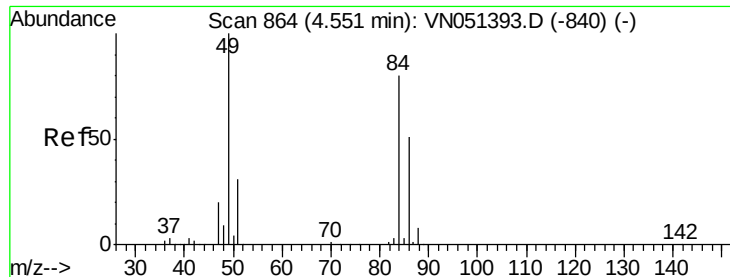
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#18
Methyl Acetate
Concen: 1.442 ug/l m
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Tgt Ion: 43 Resp: 8272
Ion Ratio Lower Upper
43 100
74 13.4 18.8 28.2#





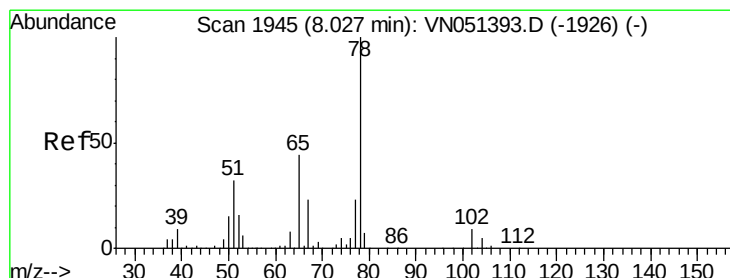
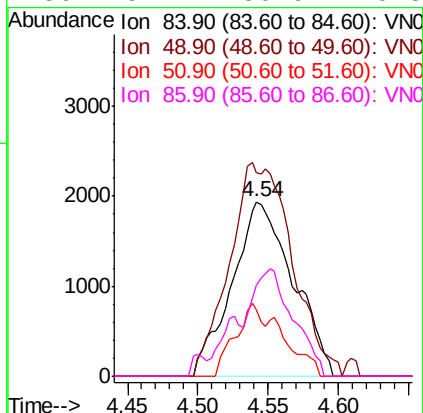
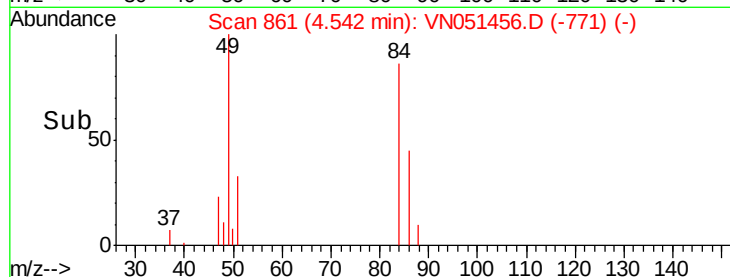
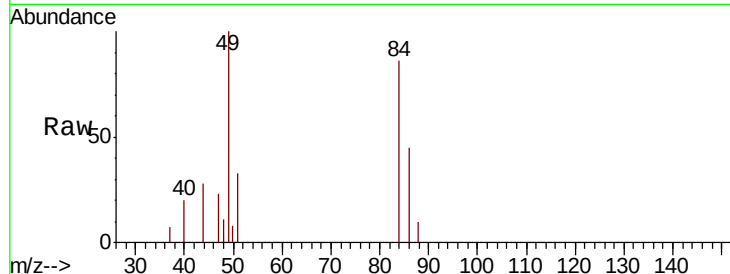
#20
Methylene Chloride
Concen: 0.785 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.01 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Instrument :
MSVOA_N
ClientSampleId :
NYSEG-CLRK-PH4-A9-B1

Tot Ion:	84	Resp:	5848
Ion	Ratio	Lower	Upper
84	100		
49	116.3	99.9	149.9
51	38.0	31.4	47.2
86	52.4	50.9	76.3

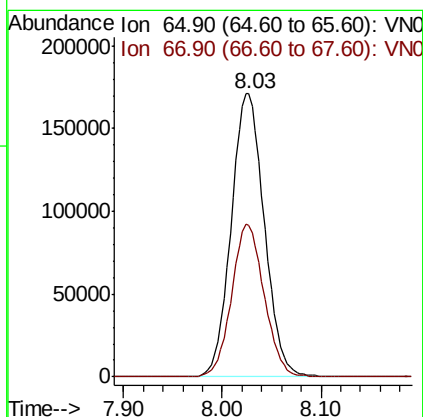
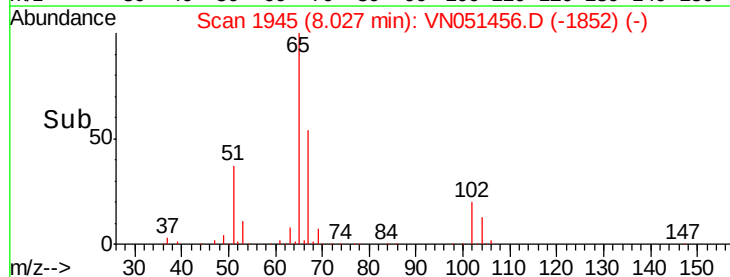
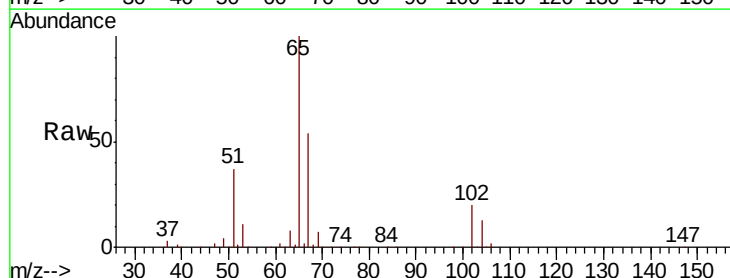
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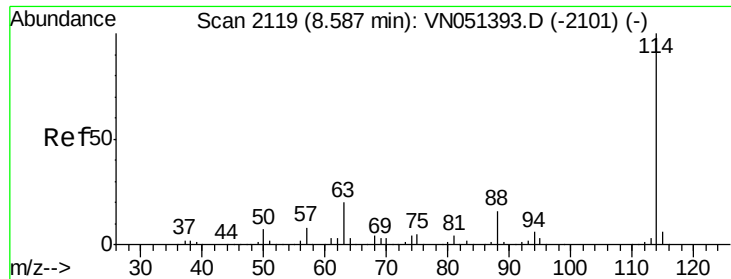
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#33
1,2-Dichloroethane-d4
Concen: 52.939 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Tgt Ion:	65	Resp:	398742
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.8





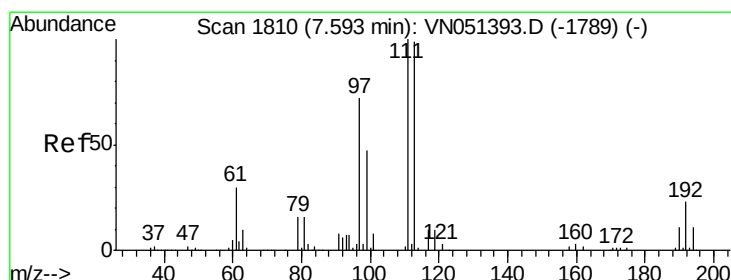
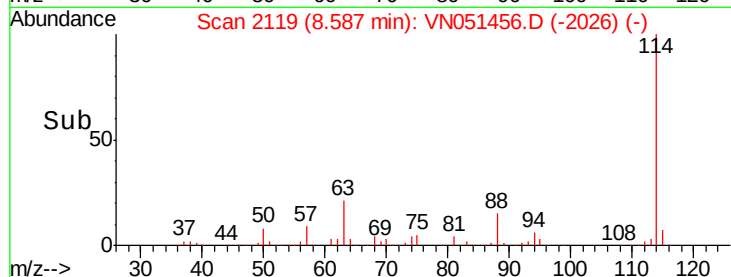
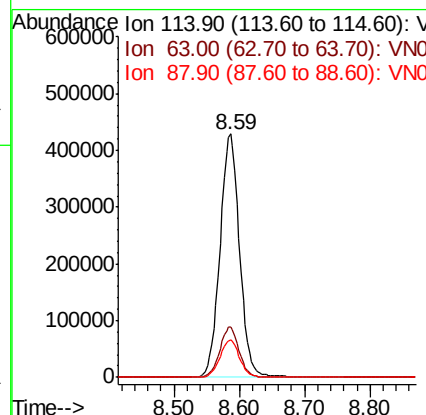
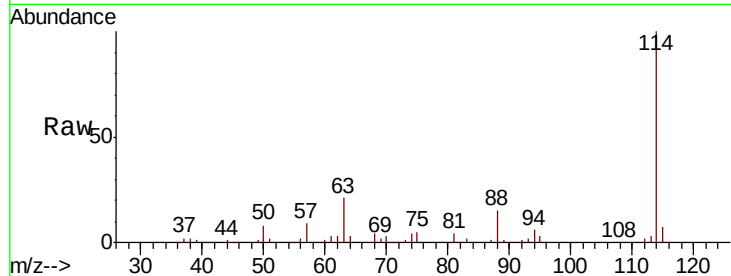
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051456.D
 Acq: 24 Sep 2018 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 NYSEG-CLRK-PH4-A9-B1

Tot Ion	Ratio	Resp	Lower	Upper
114	100	894861		
63	20.7		0.0	40.2
88	15.3		0.0	31.4

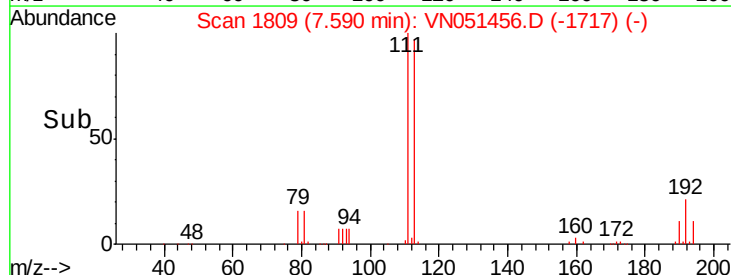
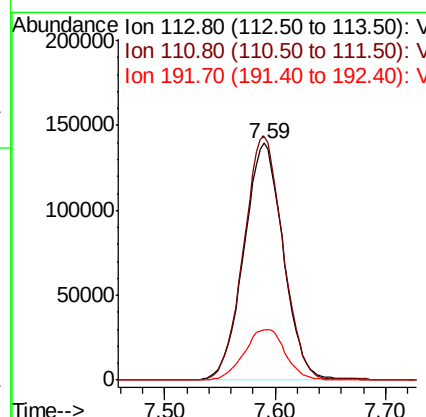
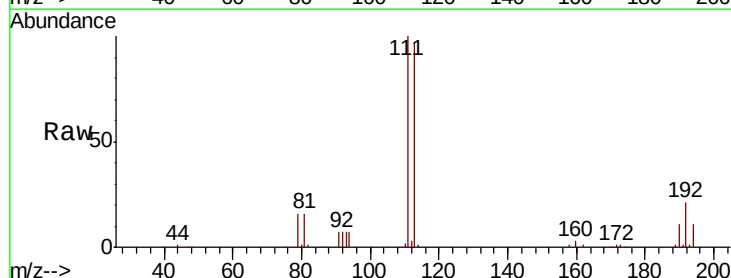
Manual Integrations
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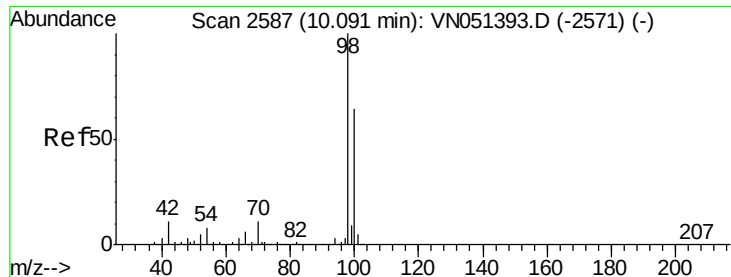
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#35
 Dibromofluoromethane
 Concen: 48.251 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051456.D
 Acq: 24 Sep 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	345275		
111	102.5		82.6	123.8
192	22.3		18.0	27.0





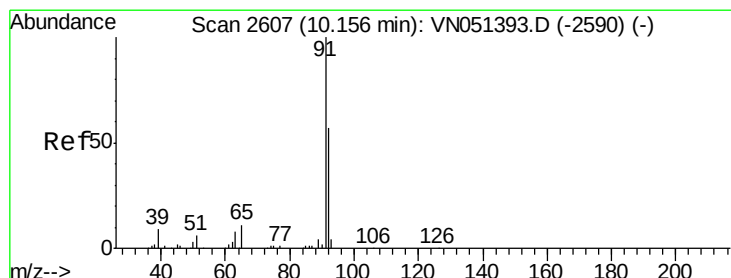
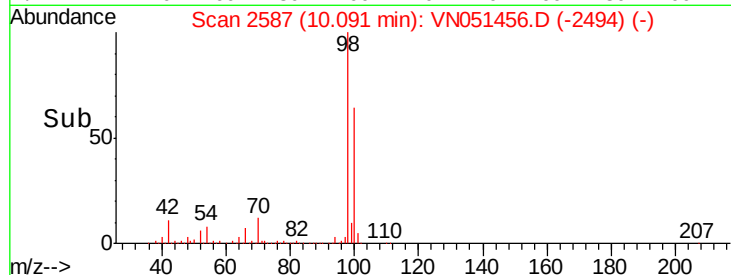
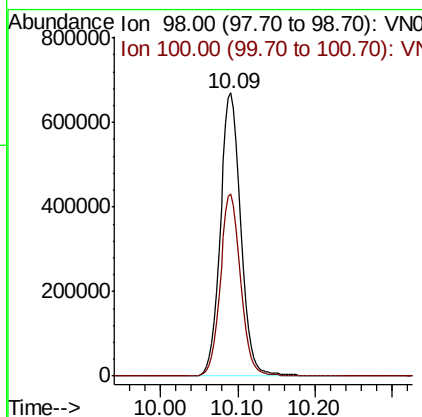
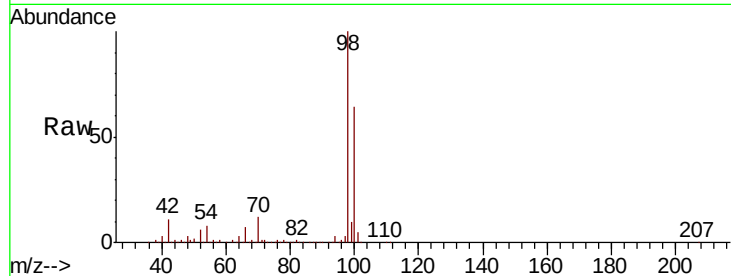
#50
Toluene-d8
Concen: 46.022 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Instrument :
MSVOA_N
ClientSampleId :
NYSEG-CLRK-PH4-A9-B1

Tot Ion: 98 Resp: 1240106
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8

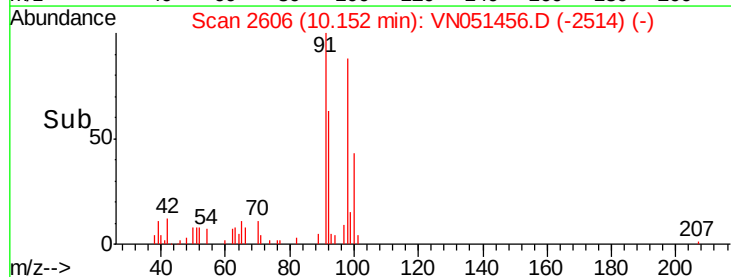
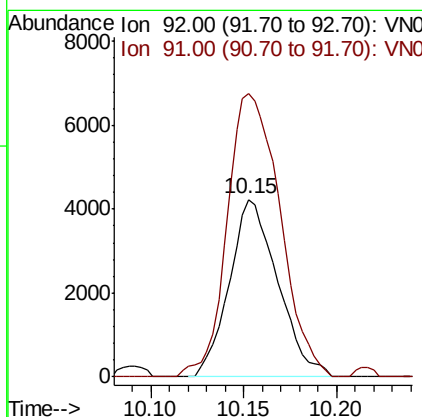
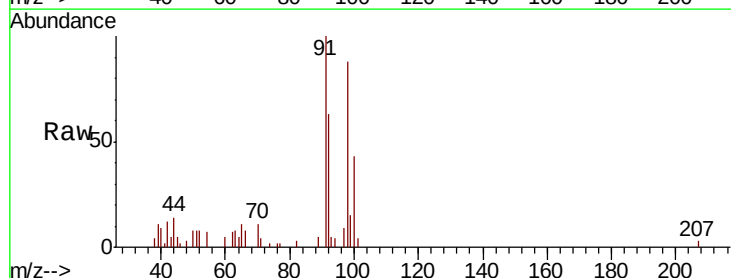
Manual Integrations
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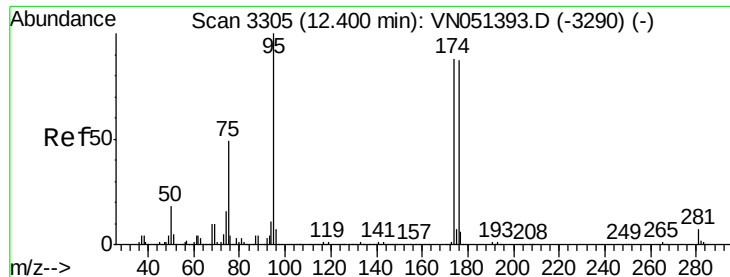
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#52
Toluene
Concen: 0.405 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Tgt Ion: 92 Resp: 7667
Ion Ratio Lower Upper
92 100
91 174.0 142.2 213.4





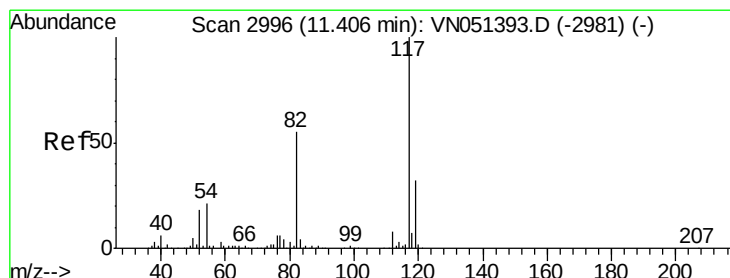
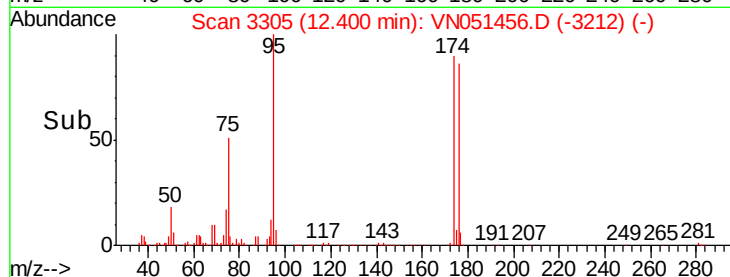
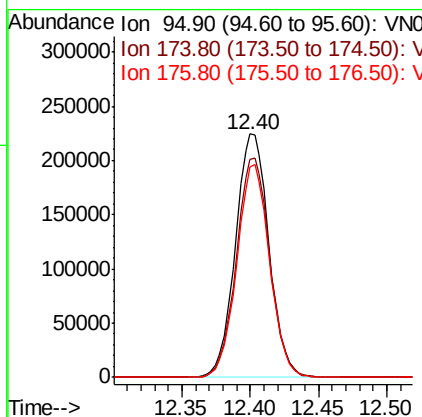
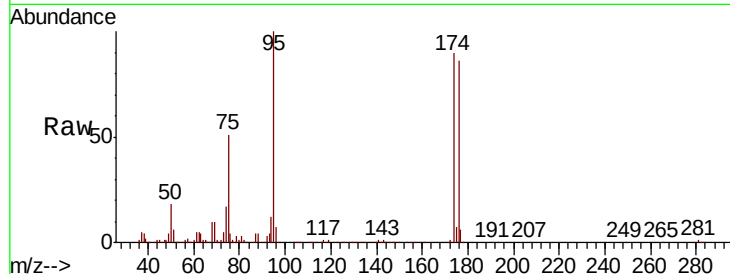
#62
4-Bromofluorobenzene
Concen: 43.701 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Instrument :
MSVOA_N
ClientSampleId :
NYSEG-CLRK-PH4-A9-B1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	380945		
174	90.2	0.0	181.6	
176	85.9	0.0	176.4	

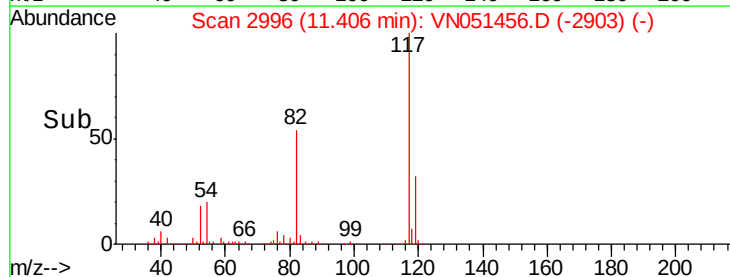
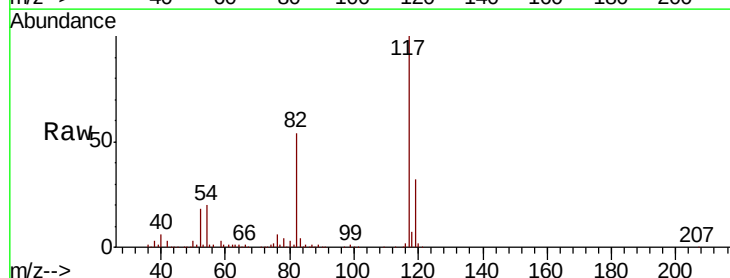
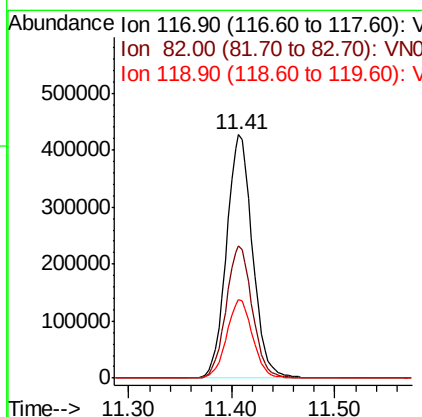
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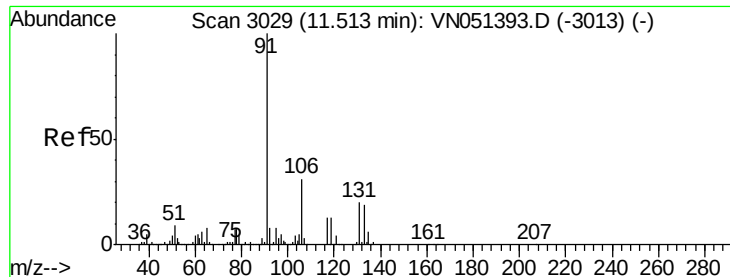
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	749094		
82	54.1	44.2	66.2	
119	32.2	25.9	38.9	





#67

Ethyl Benzene

Concen: 0.916 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051456.D

Acq: 24 Sep 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

NYSEG-CLRK-PH4-A9-B1

Tot Ion: 91 Resp: 29670

Ion Ratio Lower Upper

91 100

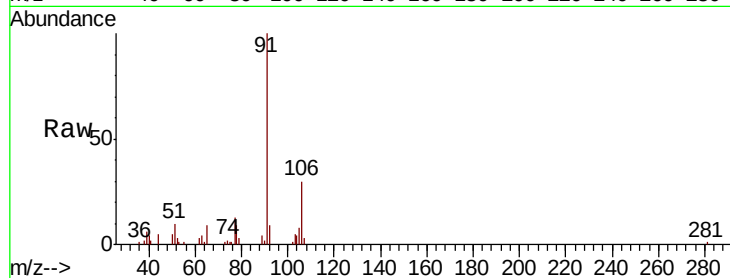
106 30.5 25.0 37.4

Manual Integrations

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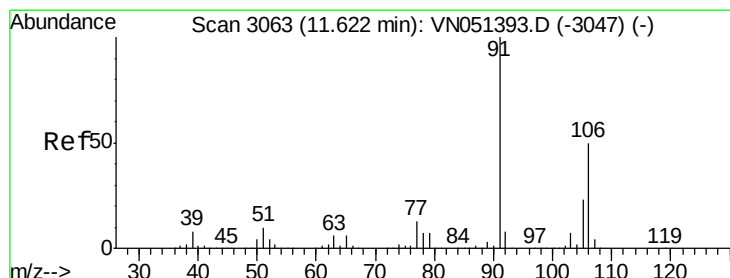
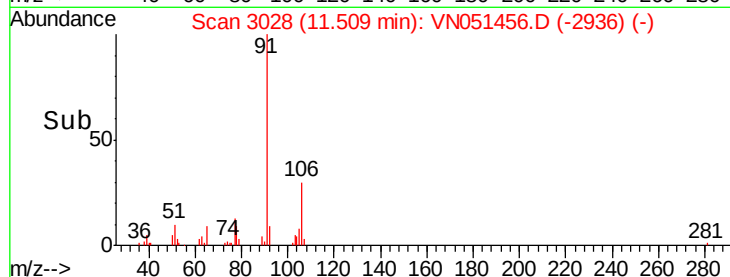
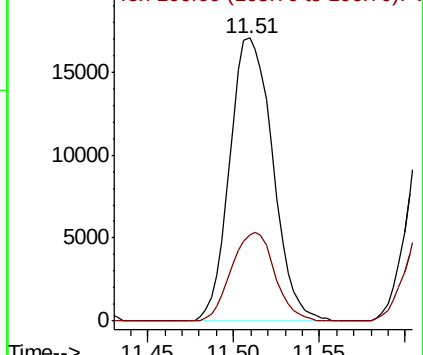
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 1.260 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN051456.D

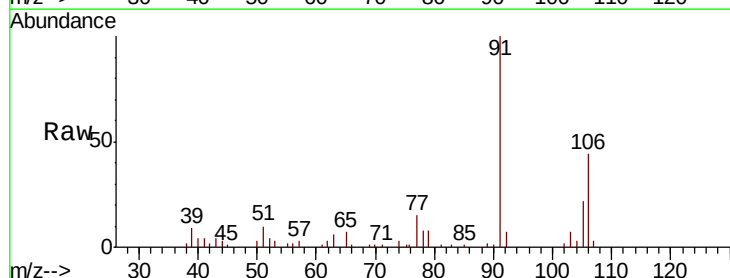
Acq: 24 Sep 2018 13:05

Tgt Ion: 106 Resp: 15781

Ion Ratio Lower Upper

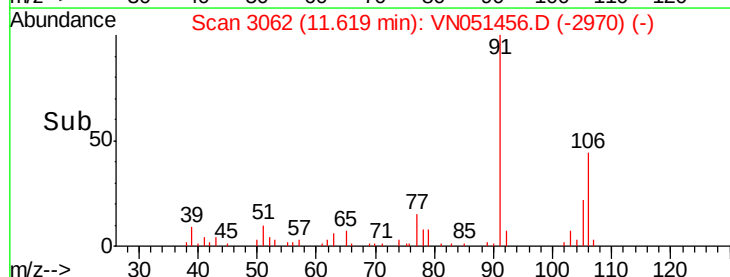
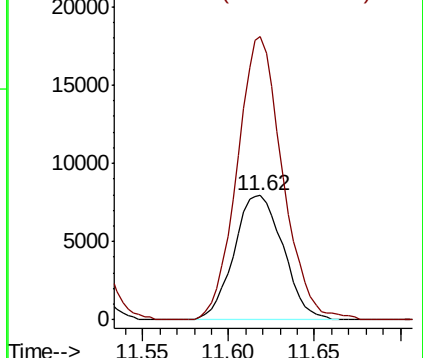
106 100

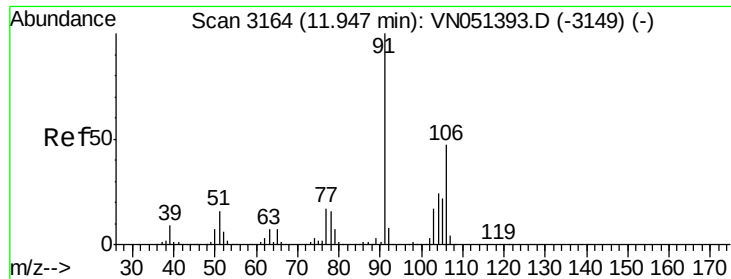
91 210.4 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





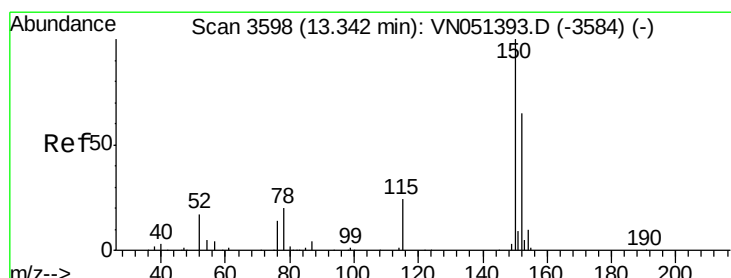
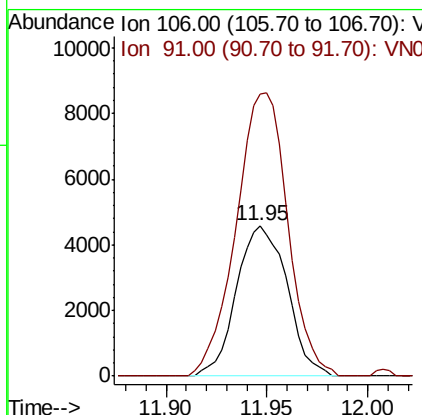
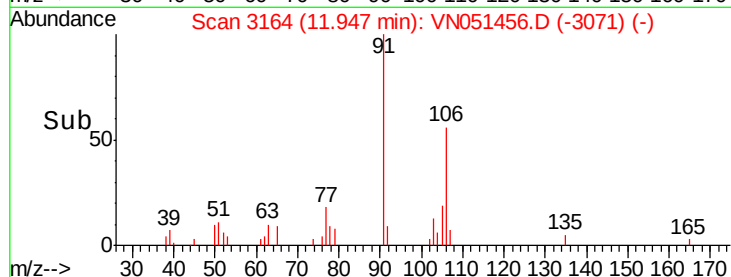
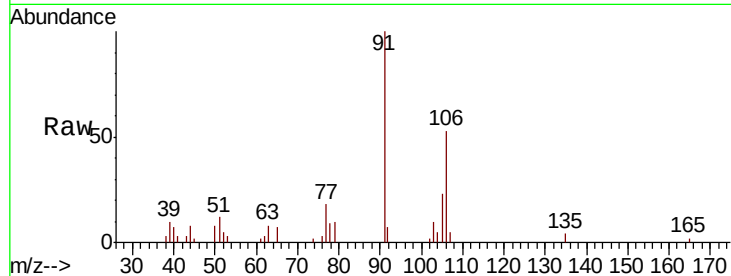
#69
o-Xylene
Concen: 0.668 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Instrument :
MSVOA_N
ClientSampleId :
NYSEG-CLRK-PH4-A9-B1

Tot Ion	Ratio	Lower	Upper
106	100		
91	191.8	105.3	315.9

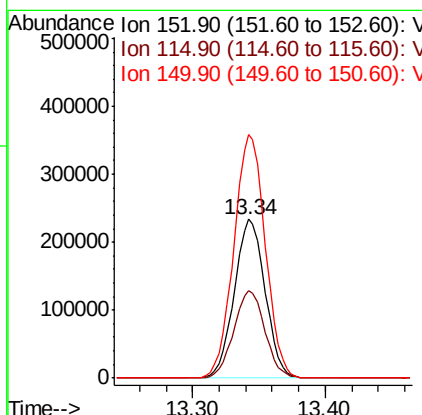
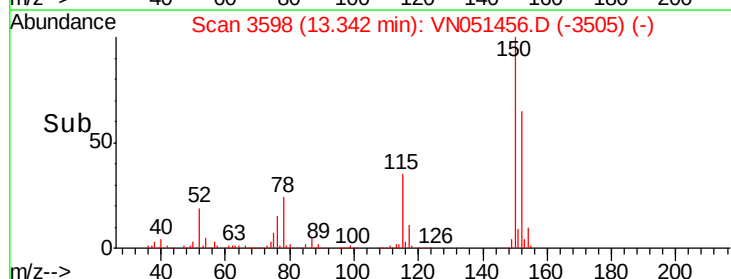
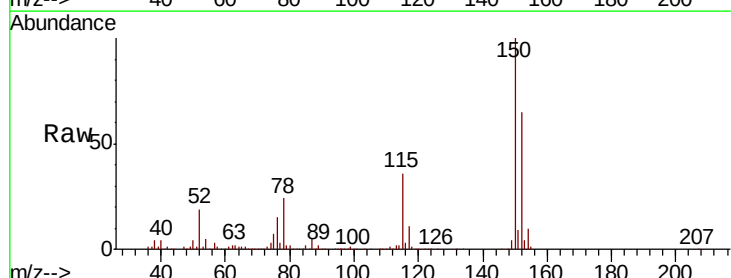
Manual Integrations
APPROVED

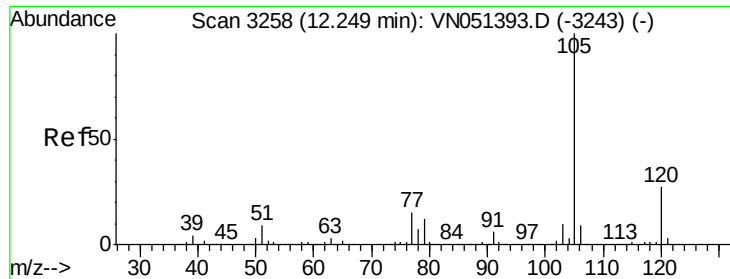
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.3	84.9
150	156.1	0.0	353.6





#73

Isopropylbenzene

Concen: 0.321 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN051456.D

Acq: 24 Sep 2018 13:05

Instrument :

MSVOA_N

ClientSampleId :

NYSEG-CLRK-PH4-A9-B1

Tot Ion:105 Resp: 10204

Ion Ratio Lower Upper

105 100

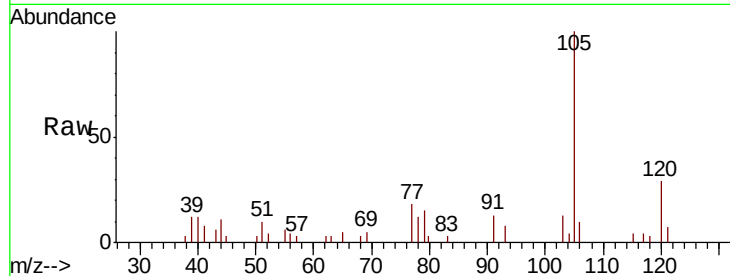
120 27.4 13.3 39.8

Manual Integrations

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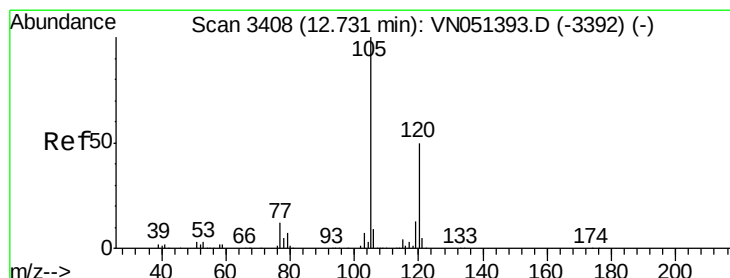
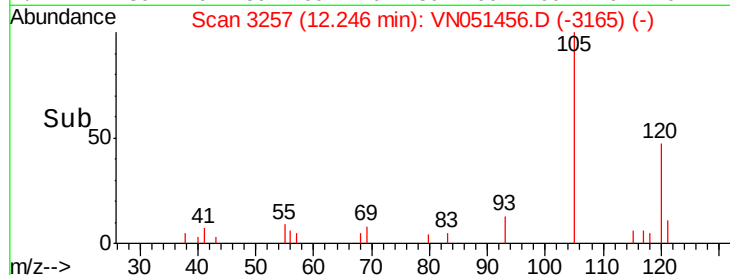
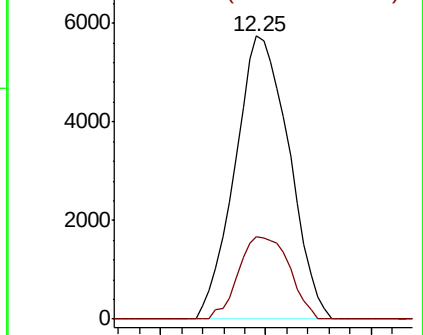
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.535 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051456.D

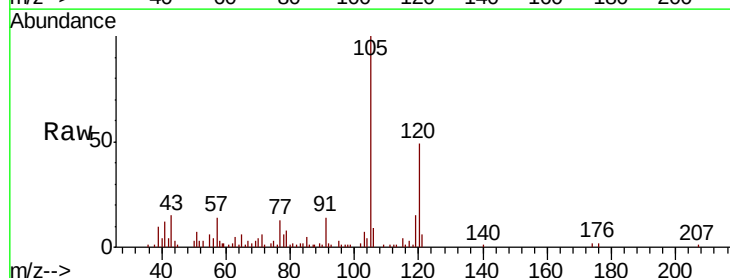
Acq: 24 Sep 2018 13:05

Tgt Ion:105 Resp: 39805

Ion Ratio Lower Upper

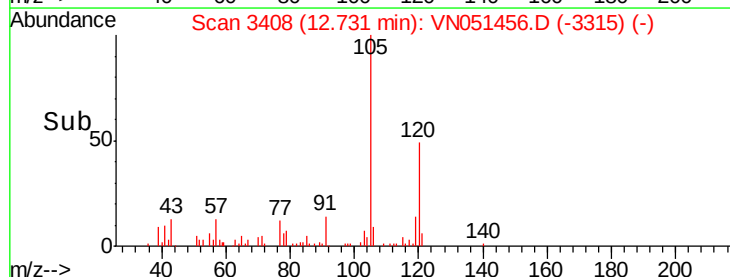
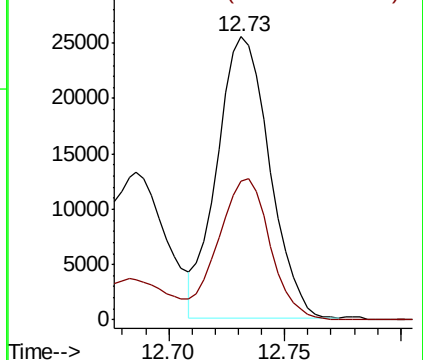
105 100

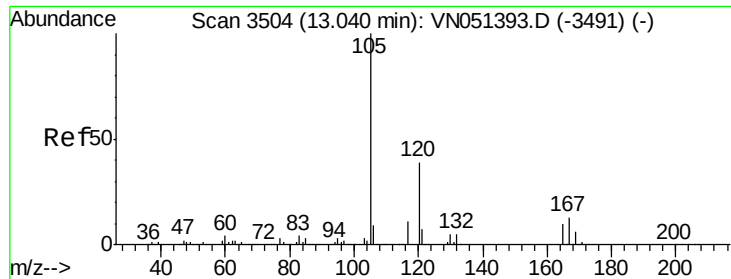
120 49.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





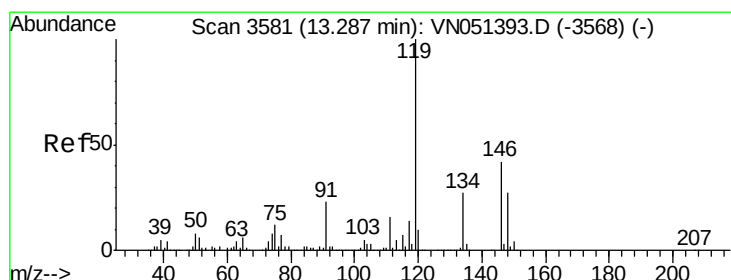
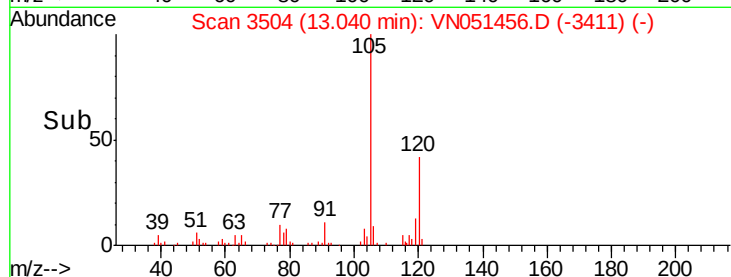
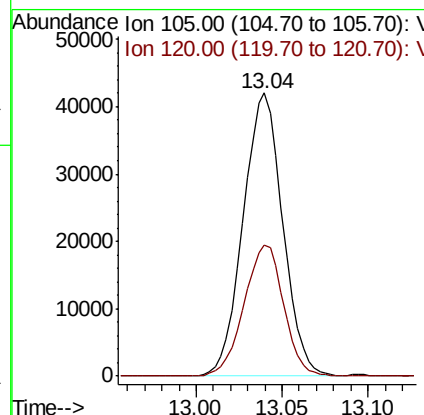
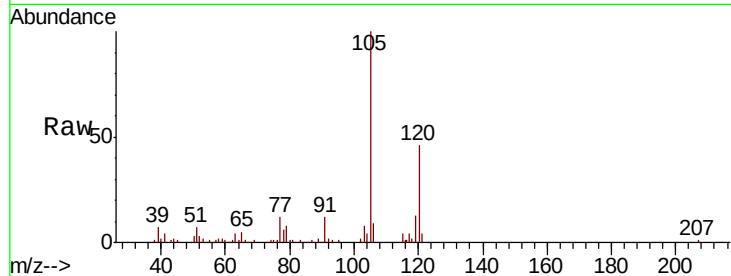
#84
 1,2,4-Trimethylbenzene
 Concen: 2.572 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051456.D
 Acq: 24 Sep 2018 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 NYSEG-CLRK-PH4-A9-B1

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.7

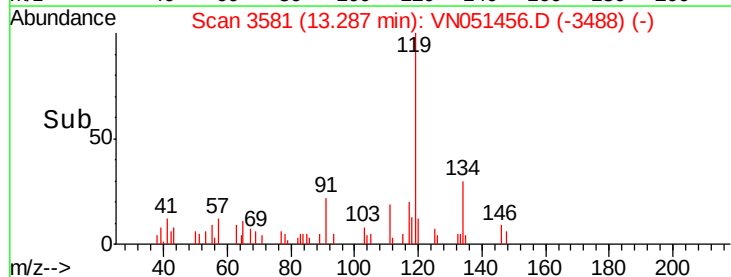
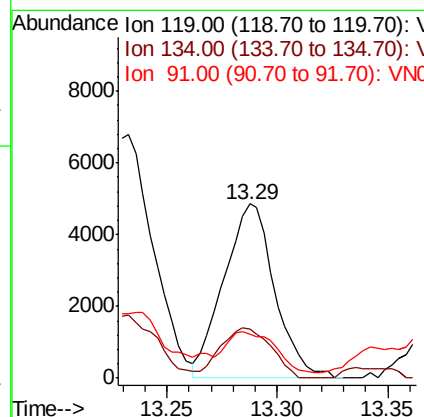
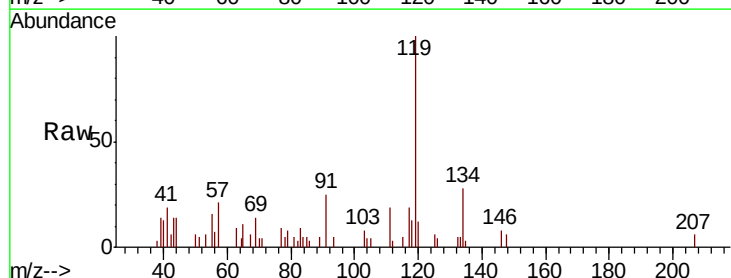
Manual Integrations
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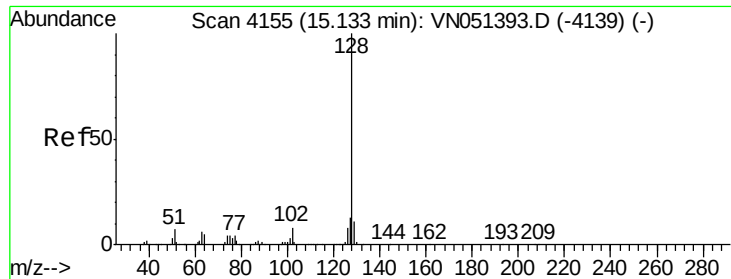
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#86
 p-Isopropyltoluene
 Concen: 0.288 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051456.D
 Acq: 24 Sep 2018 13:05

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.9	13.3	39.9
91	27.6	11.4	34.2





#95
Naphthalene
Concen: 85.432 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051456.D
Acq: 24 Sep 2018 13:05

Instrument :
MSVOA_N
ClientSampleId :
NYSEG-CLRK-PH4-A9-B1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.7	8.6	12.8

Manual Integrations
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