

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059341.D
 Acq On : 21 Nov 2019 17:17
 Operator : JC/SP
 Sample : K5957-06 10X
 Misc : 5.45g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)

Manual Integrations
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MMDadoda
 11/22/2019 3:12:41 PM

Quant Time: Nov 22 06:57:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	420952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	652971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	582269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	236121	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	7.57	113	188620	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	10.08	98	819761	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.40	95	447013	82.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.18%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.07	83	58456	7.191	ug/l	98
67) Ethyl Benzene	11.51	91	118572	5.304	ug/l	99
68) m/p-Xylenes	11.62	106	131986	15.889	ug/l	92
73) Isopropylbenzene	12.25	105	448931	18.248	ug/l	100
78) n-propylbenzene	12.59	91	1279852	45.926	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2698150	130.465	ug/l	96
83) tert-Butylbenzene	13.00	119	95366	5.460	ug/l	85
84) 1,2,4-Trimethylbenzene	13.04	105	5283558	260.804	ug/l	76
85) sec-Butylbenzene	13.17	105	885902	37.736	ug/l #	65
86) p-Isopropyltoluene	13.29	119	576075	27.576	ug/l	99
89) n-Butylbenzene	13.62	91	672313m	36.687	ug/l	
95) Naphthalene	15.13	128	112300	9.109	ug/l	98

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

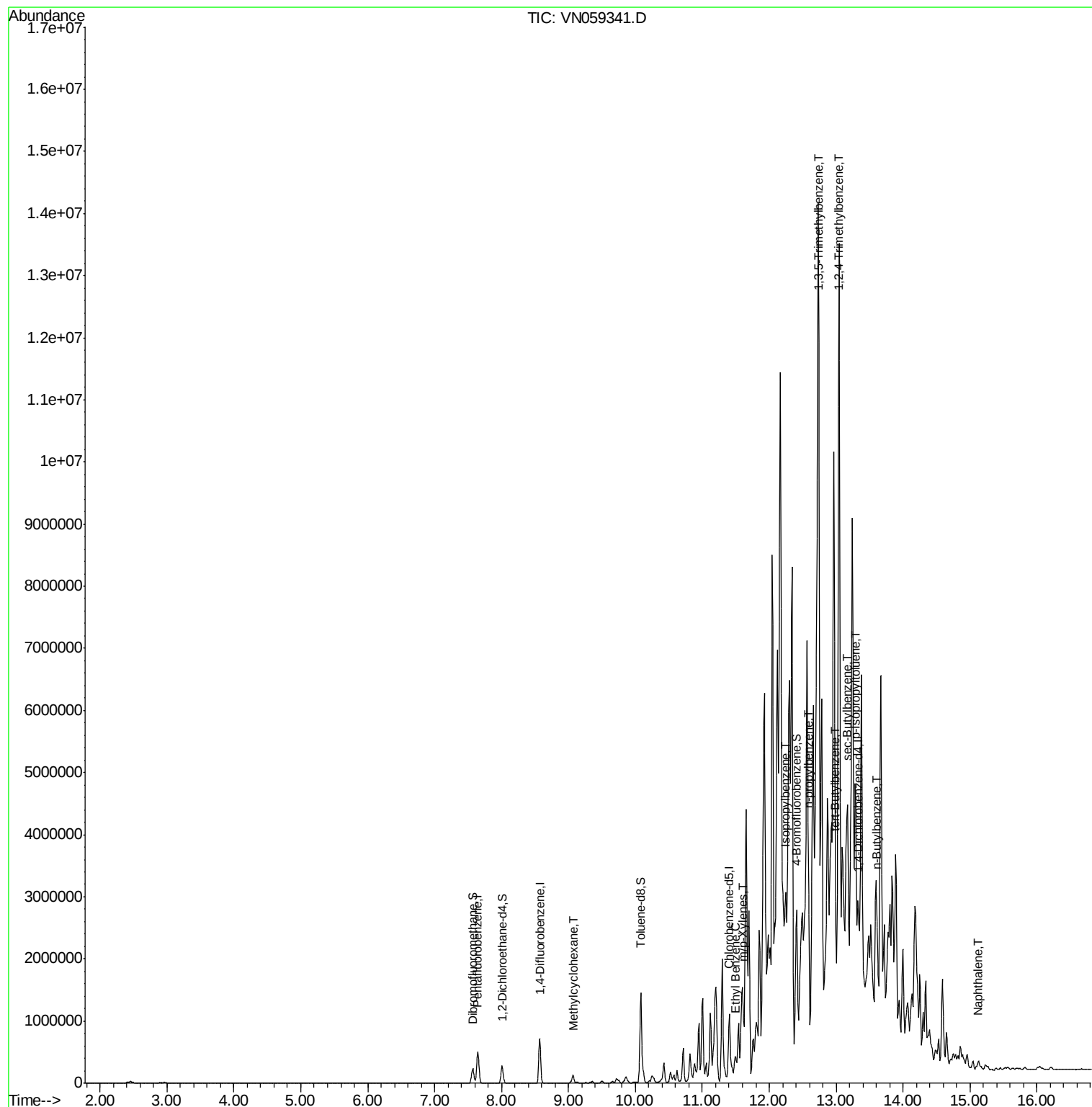
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
Data File : VN059341.D
Acq On : 21 Nov 2019 17:17
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Sample : K5957-06 10X
Misc : 5.45g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

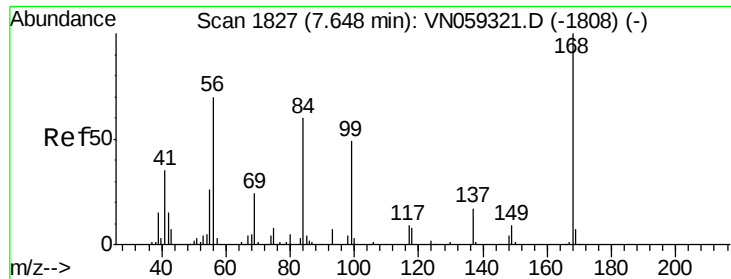
Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)

Manual Integrations
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Quant Time: Nov 22 06:57:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059341.D

Acq: 21 Nov 2019 17:17

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)

Tot Ion:168 Resp: 420952

Ion Ratio Lower Upper

168 100

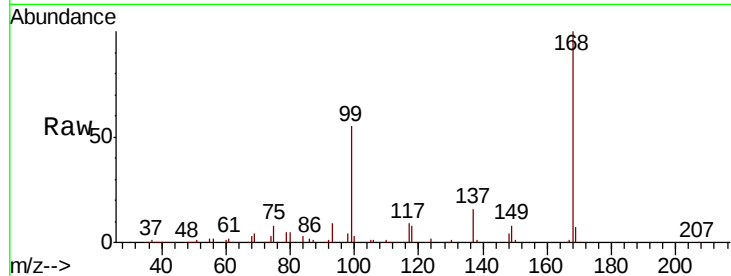
99 54.6 44.6 66.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN059341.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN059341.D (-1734) (-)

7.64

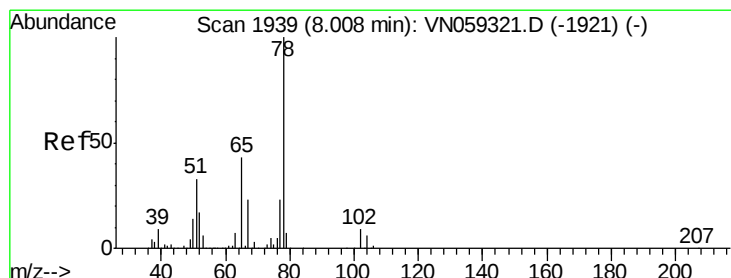
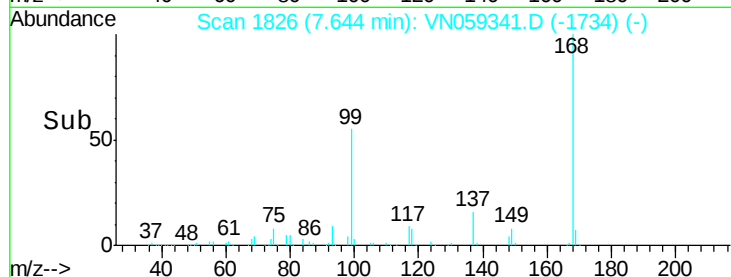
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 46.750 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059341.D

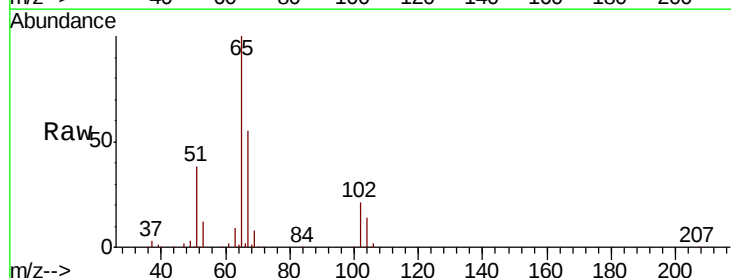
Acq: 21 Nov 2019 17:17

Tgt Ion: 65 Resp: 236121

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VN059341.D (-1846) (-)

Ion 66.90 (66.60 to 67.60): VN059341.D (-1846) (-)

8.01

120000

100000

80000

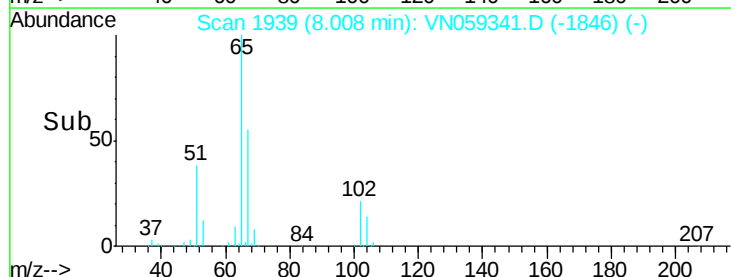
60000

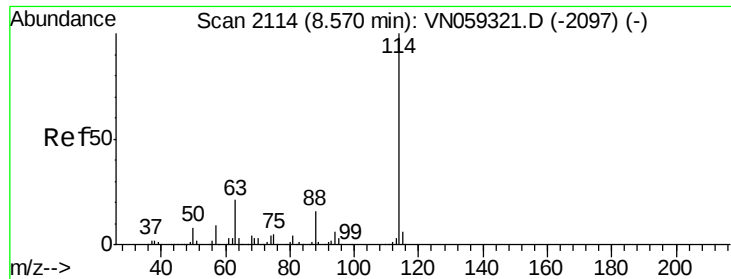
40000

20000

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Time--> 7.90 8.00 8.10





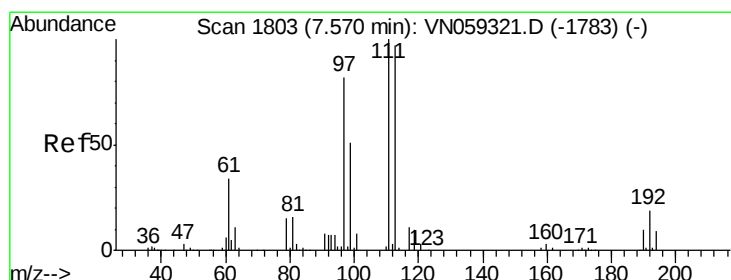
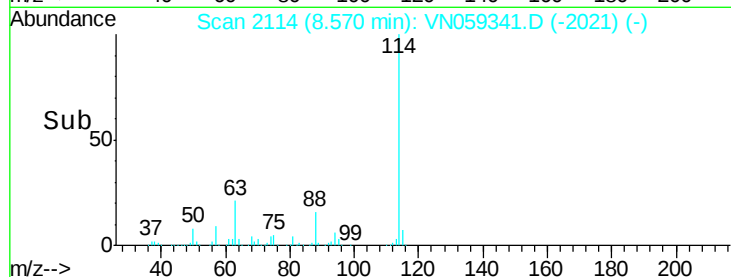
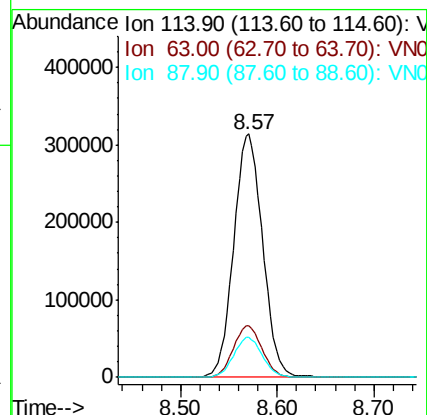
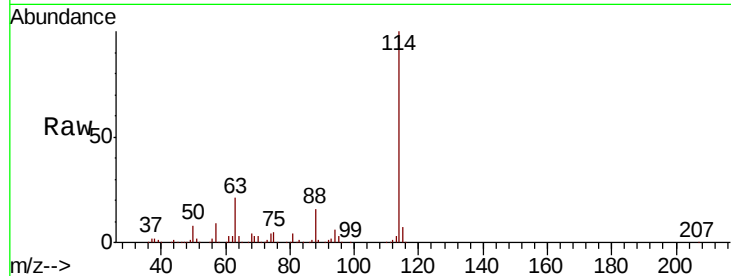
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059341.D
 Acq: 21 Nov 2019 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.0	0.0	42.2
88	16.4	0.0	32.2

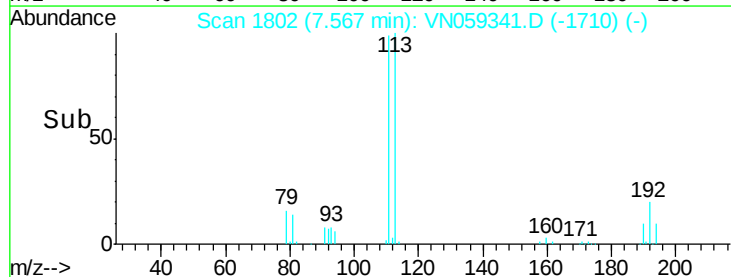
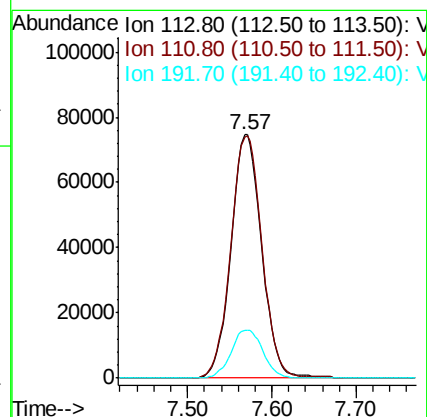
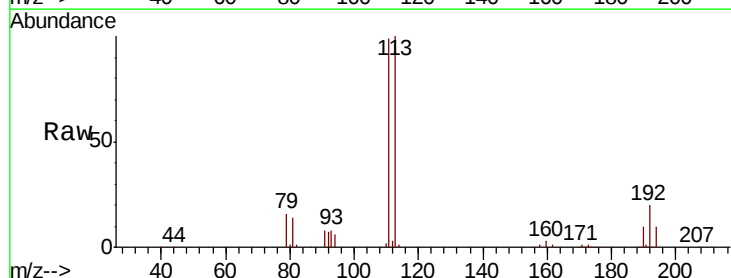
Manual Integrations
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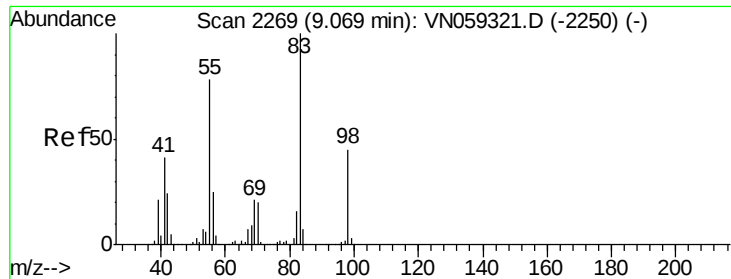
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#35
 Dibromofluoromethane
 Concen: 48.149 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059341.D
 Acq: 21 Nov 2019 17:17

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.0	82.7	124.1
192	20.5	16.3	24.5





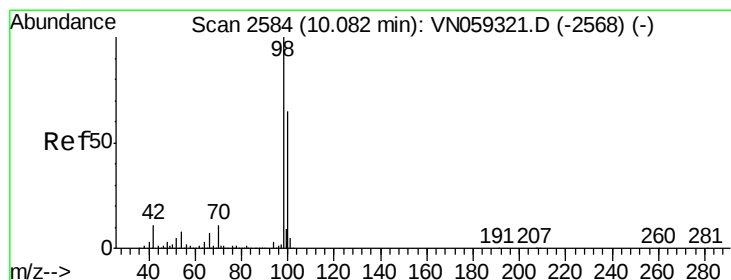
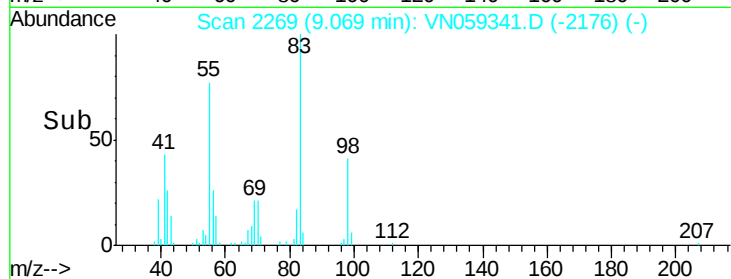
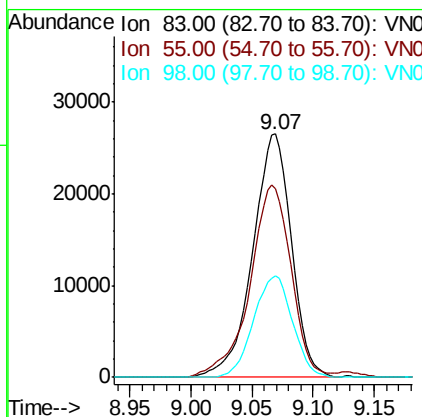
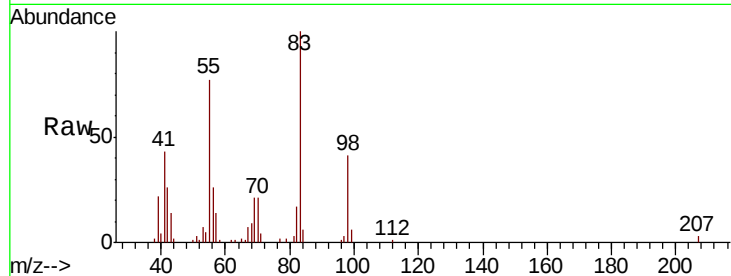
#39
Methvlcvclohexane
Concen: 7.191 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059341.D
Acq: 21 Nov 2019 17:17

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	62.3	93.5
98	41.5	36.0	54.0

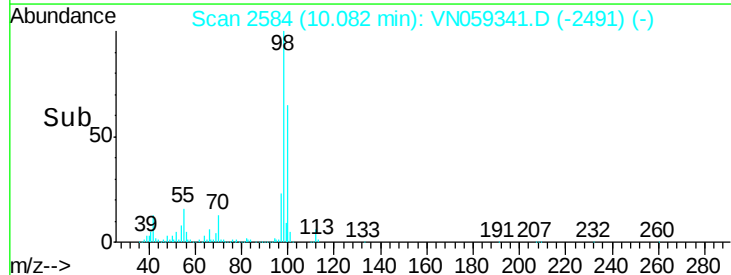
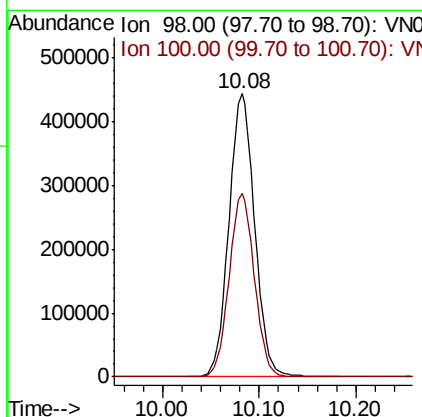
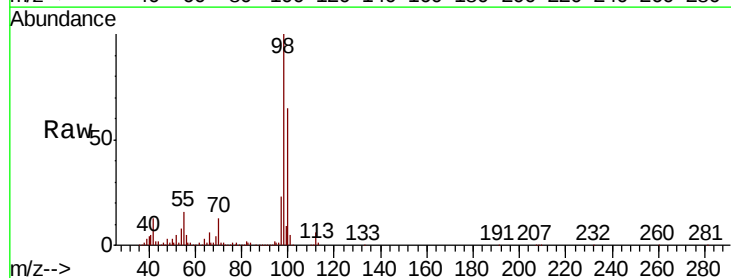
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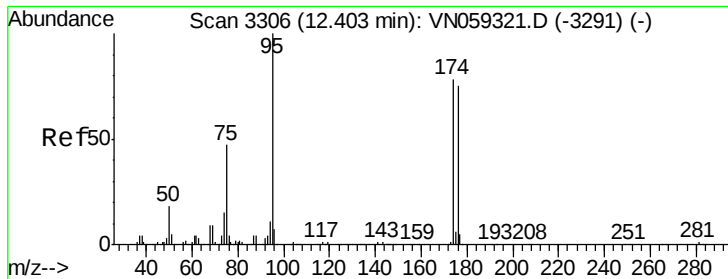
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#50
Toluene-d8
Concen: 52.638 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059341.D
Acq: 21 Nov 2019 17:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.7	77.5





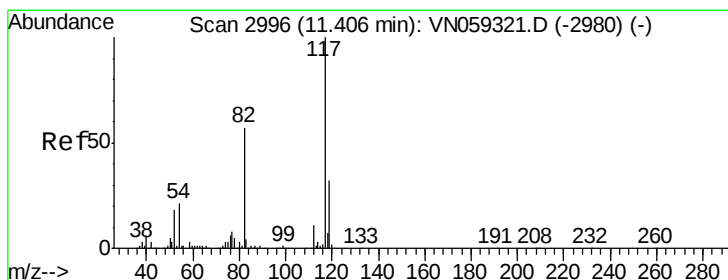
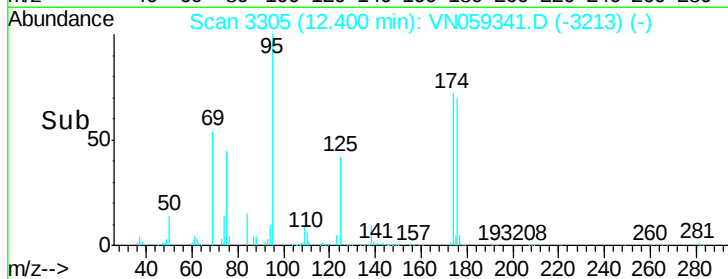
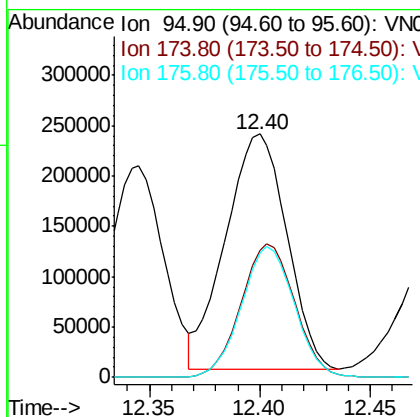
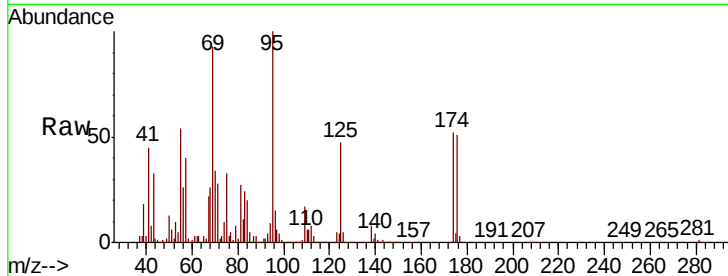
#62
4-Bromofluorobenzene
Concen: 82.090 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059341.D
Acq: 21 Nov 2019 17:17

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)

Tot Ion	Ratio	Lower	Upper
95	100		
174	50.2	0.0	157.4
176	48.7	0.0	151.2

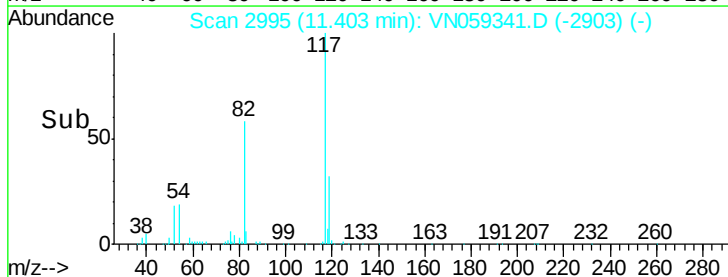
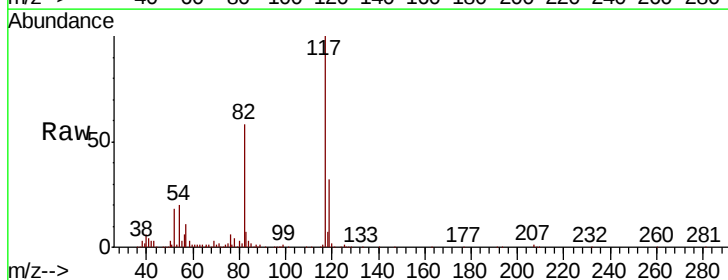
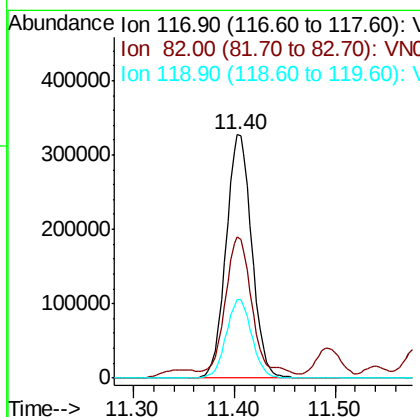
Manual Integrations
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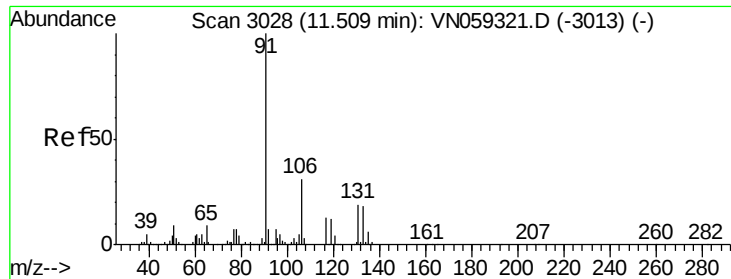
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059341.D
Acq: 21 Nov 2019 17:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.7	68.5
119	32.1	25.8	38.6





#67

Ethyl Benzene

Concen: 5.304 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059341.D

Acq: 21 Nov 2019 17:17

Instrument :

MSVOA_N

ClientSampleId :

MW-3-(17-20)

Tot Ion: 91 Resp: 118572

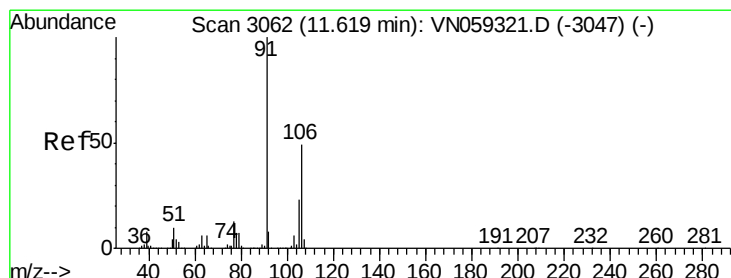
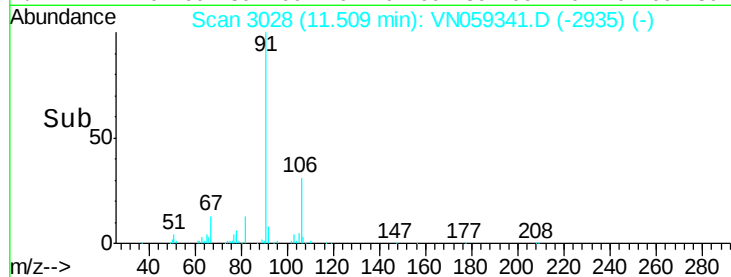
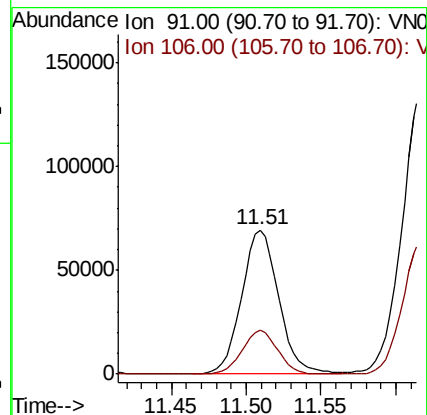
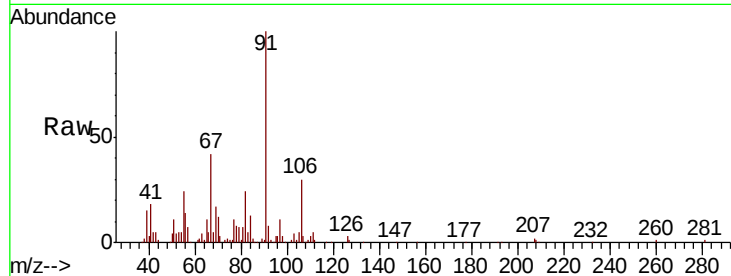
Ion Ratio Lower Upper

91 100

106 30.3 24.6 37.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 15.889 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059341.D

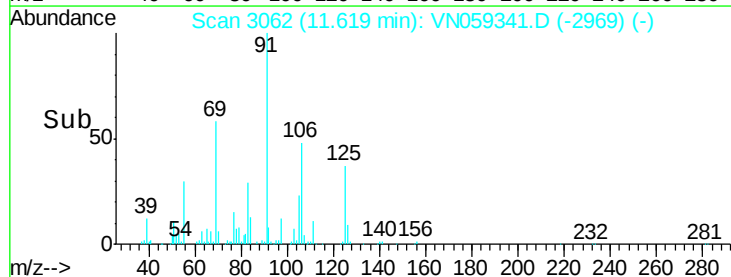
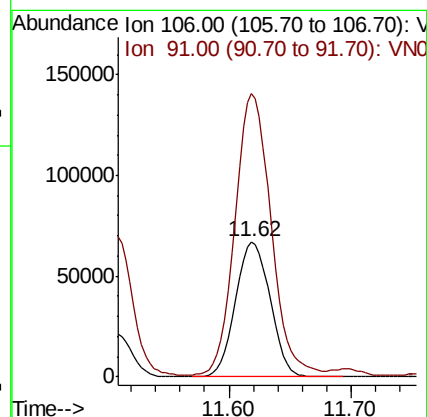
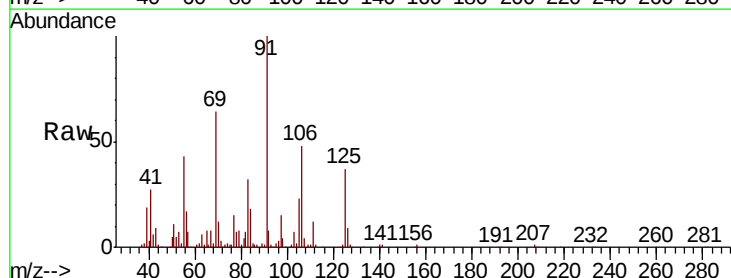
Acq: 21 Nov 2019 17:17

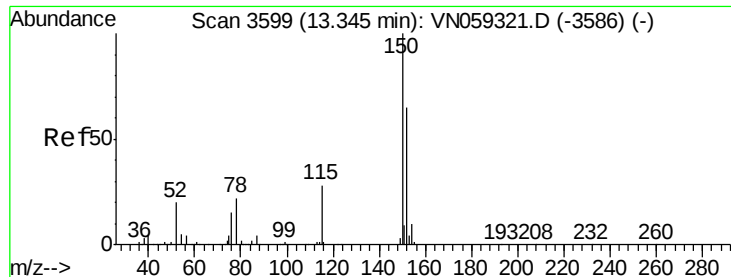
Tgt Ion: 106 Resp: 131986

Ion Ratio Lower Upper

106 100

91 216.5 163.2 244.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059341.D

Acq: 21 Nov 2019 17:17

Instrument :

MSVOA_N

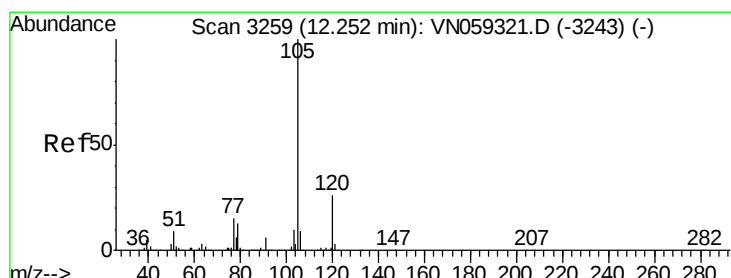
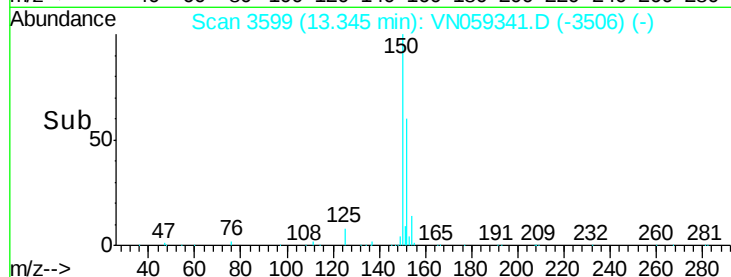
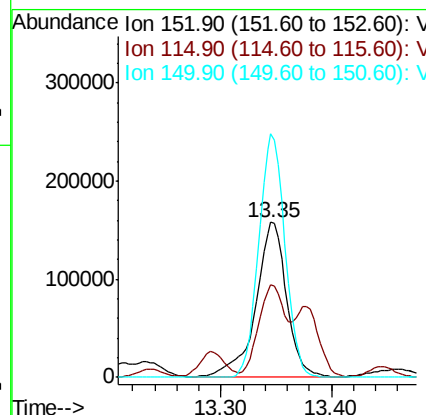
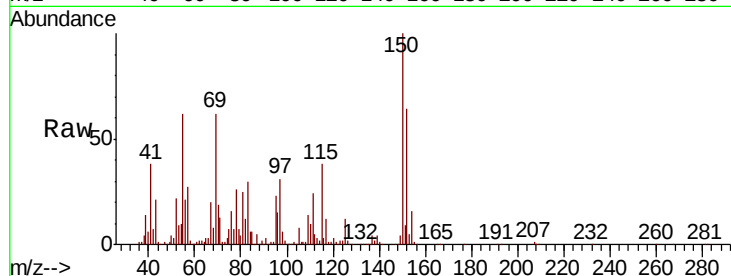
ClientSampleId :

MW-3-(17-20)

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	29.3	88.0
150	136.2	0.0	346.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 18.248 ug/l

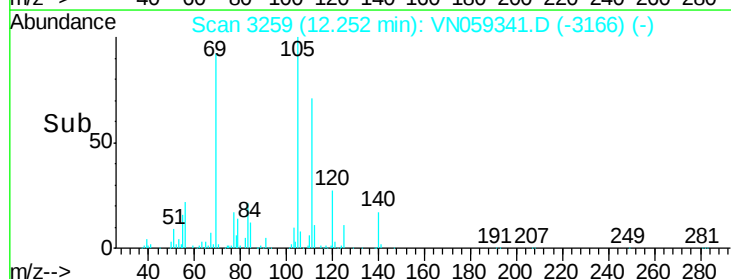
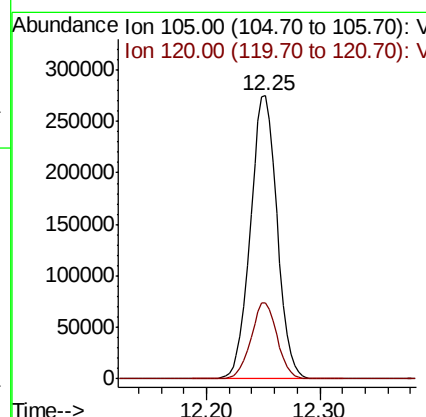
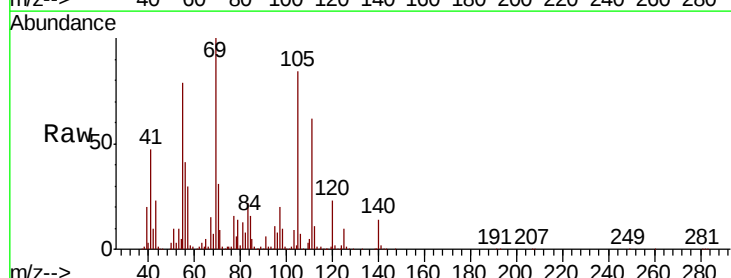
RT: 12.25 min Scan# 3259

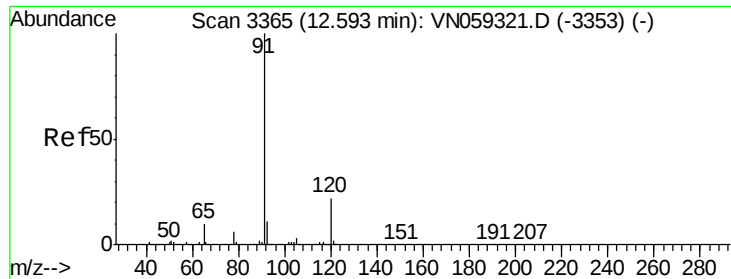
Delta R.T. 0.00 min

Lab File: VN059341.D

Acq: 21 Nov 2019 17:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3





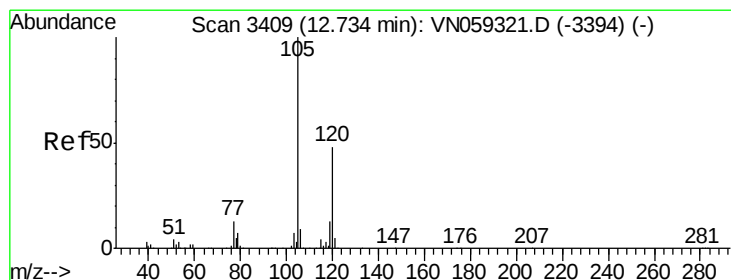
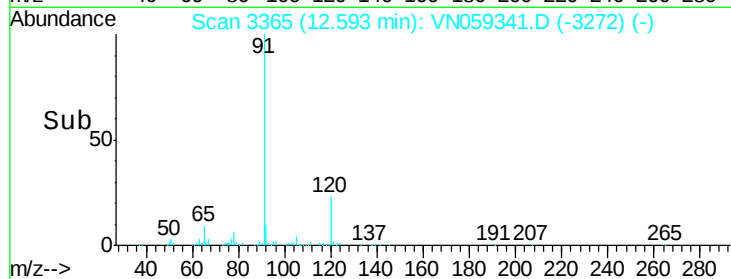
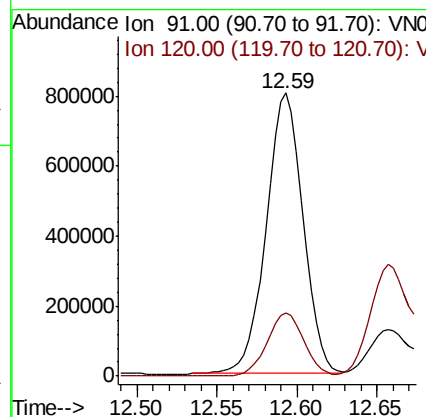
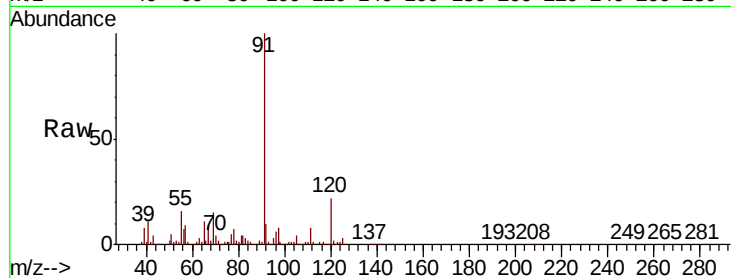
#78
n-propylbenzene
Concen: 45.926 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN059341.D
Acq: 21 Nov 2019 17:17

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)

Tot Ion: 91 Resp: 1279852
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9

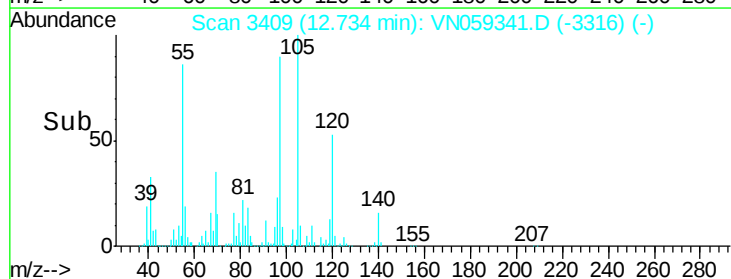
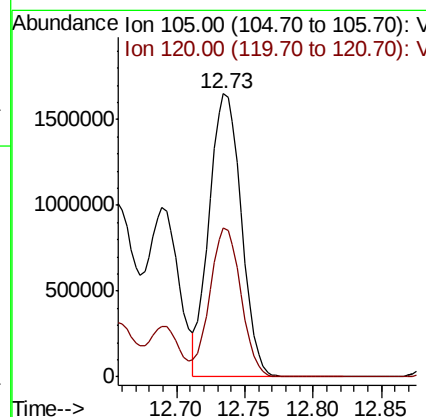
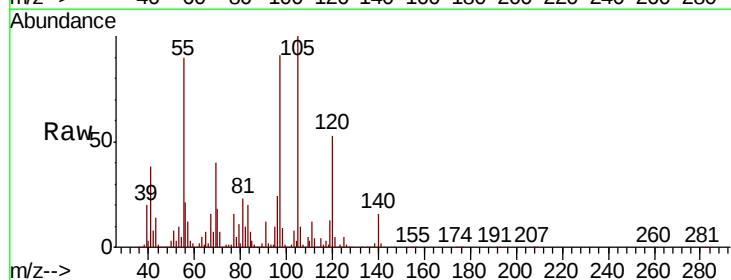
Manual Integrations
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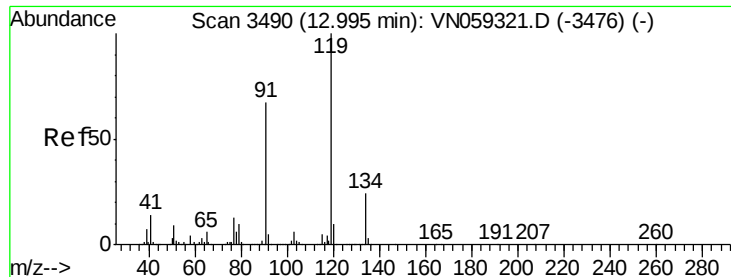
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#80
1,3,5-Trimethylbenzene
Concen: 130.465 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059341.D
Acq: 21 Nov 2019 17:17

Tgt Ion: 105 Resp: 2698150
Ion Ratio Lower Upper
105 100
120 51.3 24.1 72.4





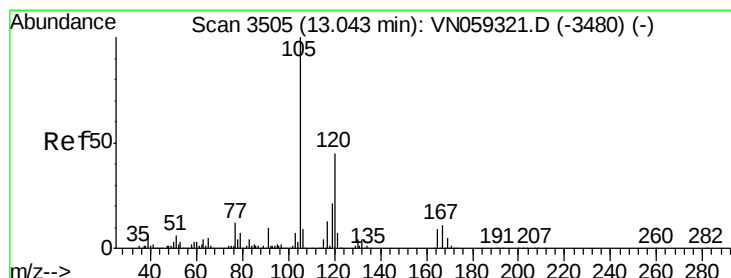
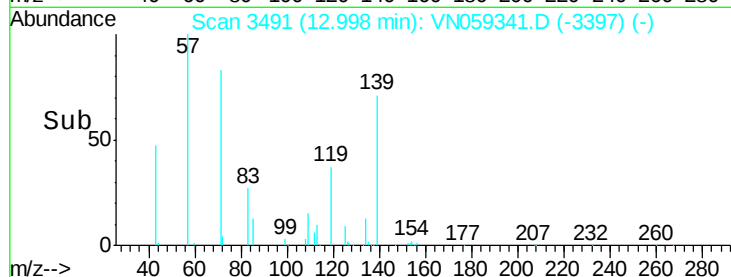
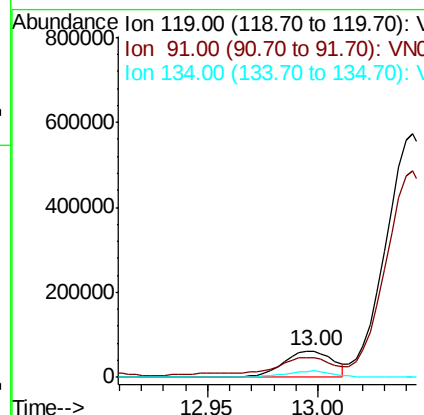
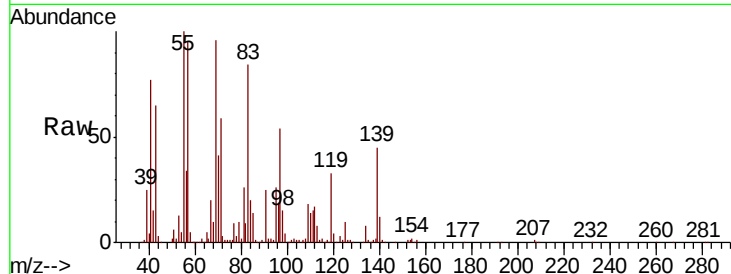
#83
 tert-Butylbenzene
 Concen: 5.460 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN059341.D
 Acq: 21 Nov 2019 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)

Tot Ion	Ratio	Lower	Upper
119	100		
91	81.8	32.8	98.4
134	24.4	13.0	38.9

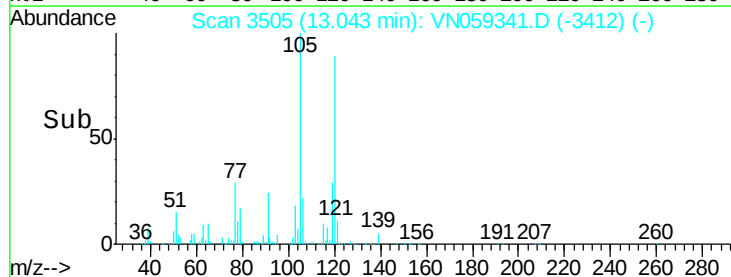
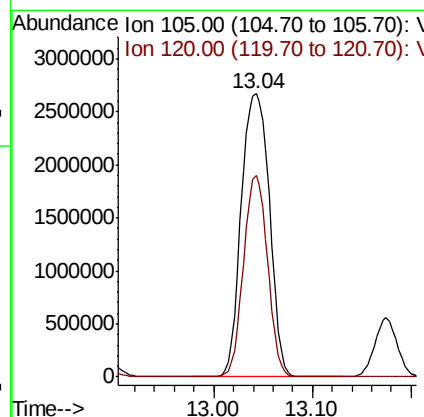
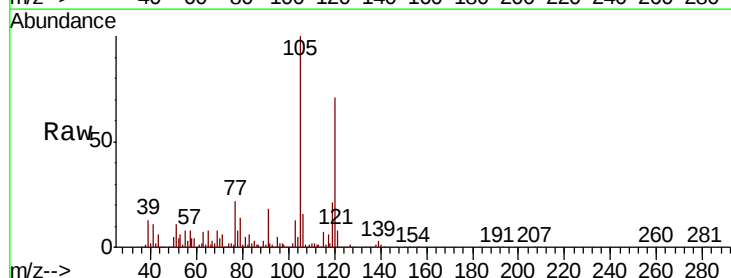
Manual Integrations
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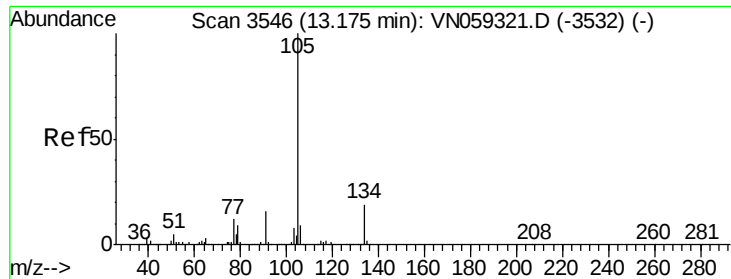
MMDadoda
 11/22/2019 3:12:41 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 260.804 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059341.D
 Acq: 21 Nov 2019 17:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	60.8	22.6	67.8





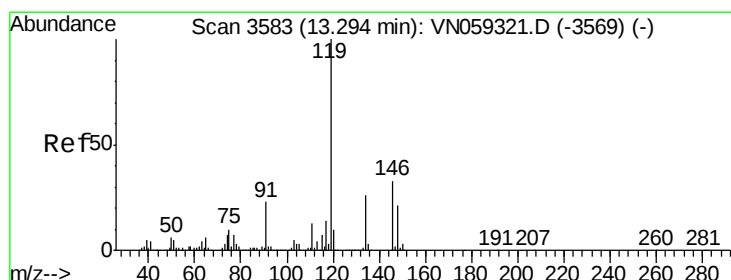
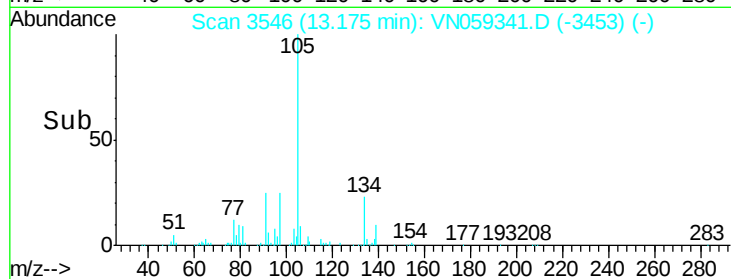
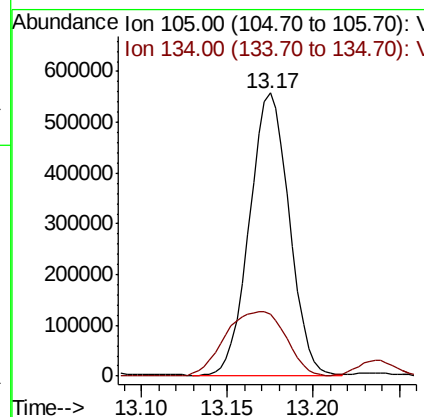
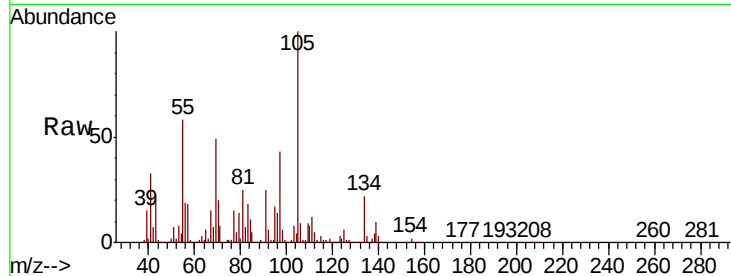
#85
 sec-Butylbenzene
 Concen: 37.736 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059341.D
 Acq: 21 Nov 2019 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3-(17-20)

Tot Ion	Ratio	Resp	Lower	Upper
105	100	885902		
134	35.3	9.8	29.3#	

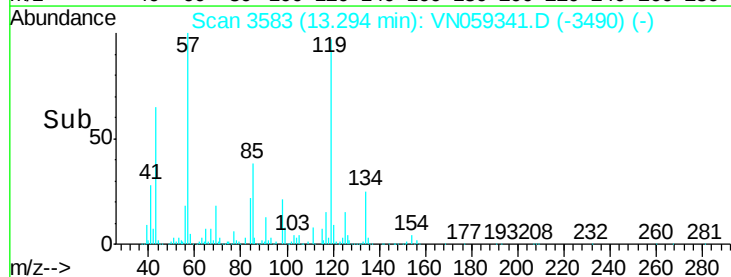
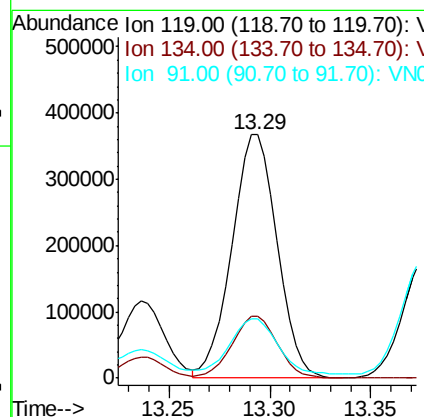
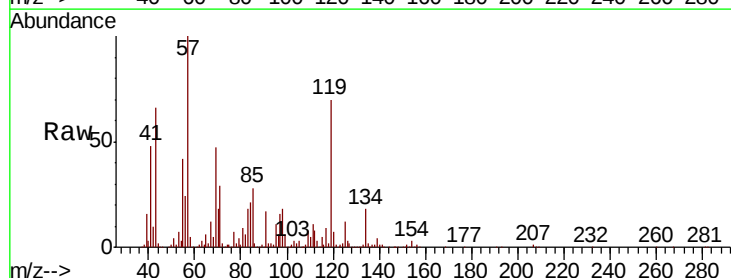
Manual Integrations
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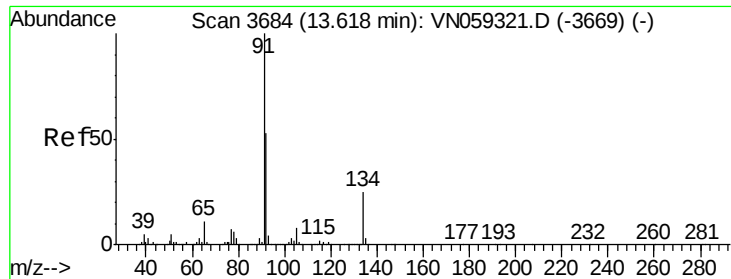
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 11/22/2019 3:12:41 PM



#86
 p-Isopropyltoluene
 Concen: 27.576 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN059341.D
 Acq: 21 Nov 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	576075		
134	25.6	13.0	38.9	
91	23.8	11.6	34.7	





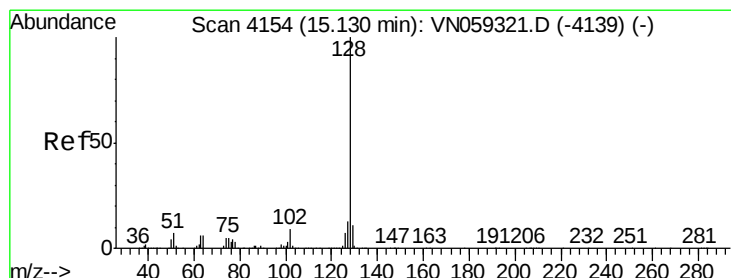
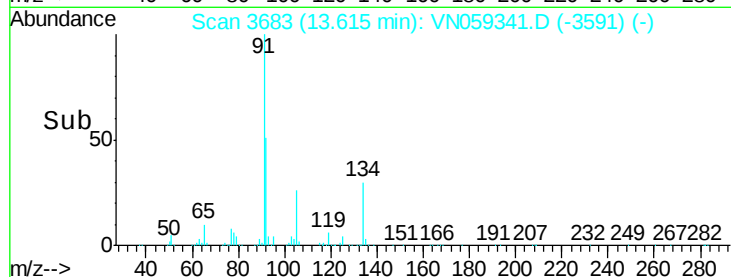
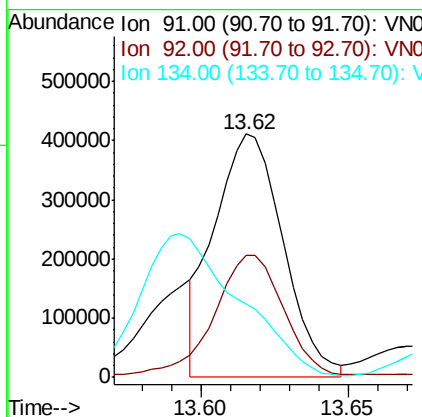
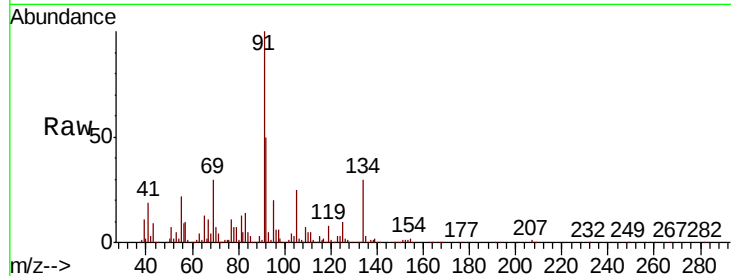
#89
n-Butylbenzene
Concen: 36.687 ug/l m
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059341.D
Acq: 21 Nov 2019 17:17

Instrument :
MSVOA_N
ClientSampleId :
MW-3-(17-20)

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.6	26.0	78.0
134	0.0	12.7	38.1#

Manual Integrations
APPROVED

MMDadoda
11/22/2019 3:12:41 PM



#95
Naphthalene
Concen: 9.109 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059341.D
Acq: 21 Nov 2019 17:17

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.8	8.6	13.0

