

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059343.D
 Acq On : 21 Nov 2019 18:02
 Operator : JC/SP
 Sample : K5957-12
 Misc : 5.52a/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5-(16-18)

Manual Integrations
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 11/22/2019 3:12:46 PM

Quant Time: Nov 22 07:05:04 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	373641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	579899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	504442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	424754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	214666	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.57	113	168857	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	10.08	98	774634	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	
62) 4-Bromofluorobenzene	12.40	95	953752	197.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	394.44%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.63	56	23371	2.961	ug/l #	60
39) Methylcyclohexane	9.07	83	181148	25.093	ug/l	99
64) Tetrachloroethene	10.63	164	5205	1.334	ug/l	93
67) Ethyl Benzene	11.51	91	2741798	141.574	ug/l	96
68) m/p-Xylenes	11.62	106	90285	12.546	ug/l	88
69) o-Xylene	11.95	106	825554	119.831	ug/l	97
73) Isopropylbenzene	12.25	105	3312639	95.204	ug/l	95
78) n-propylbenzene	12.60	91	6340637	160.872	ug/l #	66
80) 1,3,5-Trimethylbenzene	12.74	105	7710418m	263.604	ug/l	
83) tert-Butylbenzene	13.00	119	774806	31.364	ug/l	96
84) 1,2,4-Trimethylbenzene	13.05	105	10565217m	368.734	ug/l	
85) sec-Butylbenzene	13.18	105	4700772	141.577	ug/l #	50
86) p-Isopropyltoluene	13.30	119	4573240	154.784	ug/l	85
89) n-Butylbenzene	13.62	91	4008367	154.651	ug/l #	59
95) Naphthalene	15.13	128	2203951	85.599	ug/l	100

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

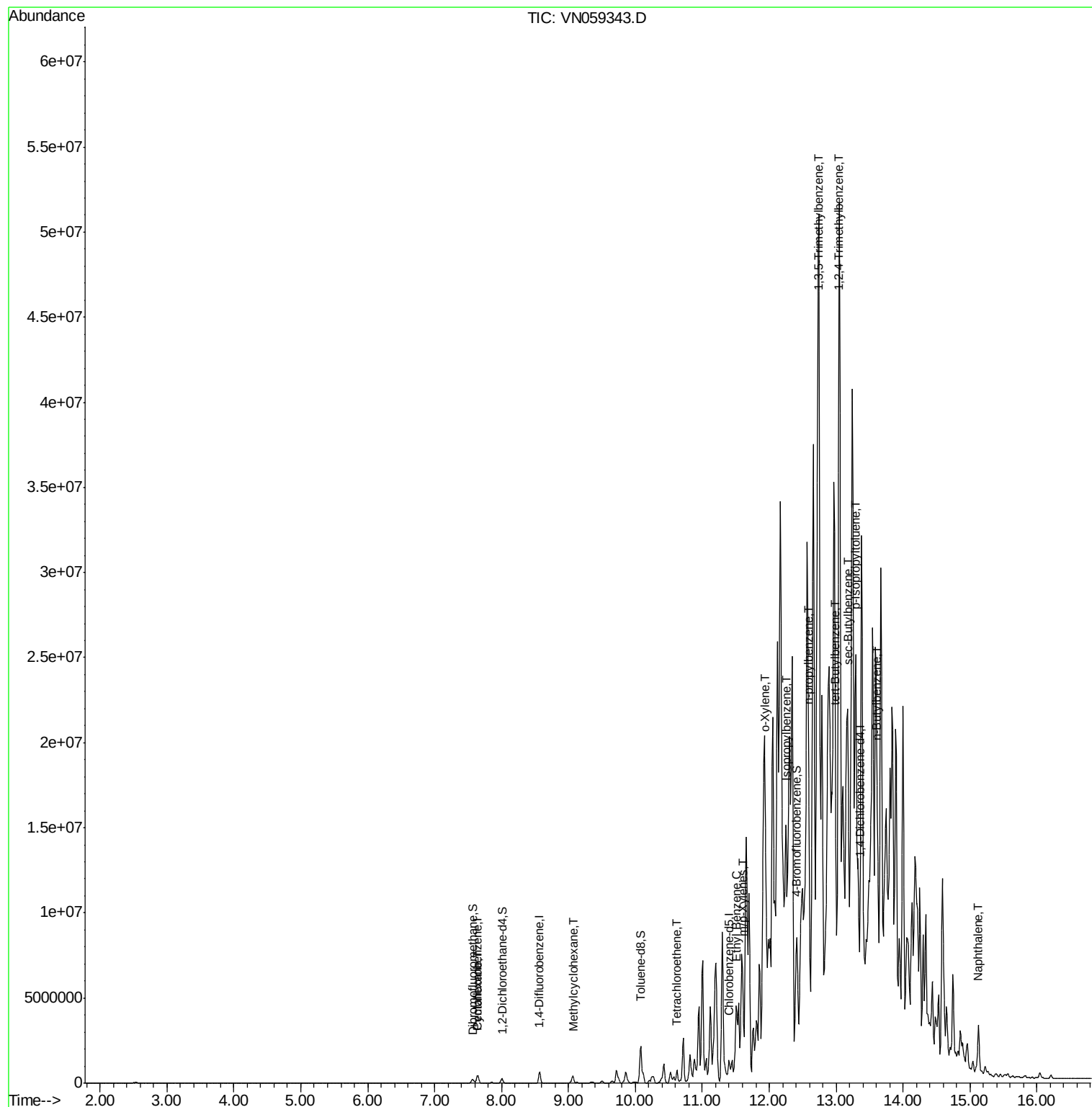
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112119\
Data File : VN059343.D
Acq On : 21 Nov 2019 18:02
Operator : JC/SP
Sample : K5957-12
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ALS Vial : 18 Sample Multiplier: 1

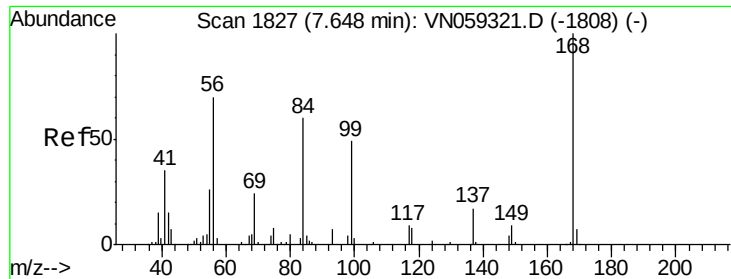
Instrument :
MSVOA_N
ClientSampleId :
MW-5-(16-18)

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Quant Time: Nov 22 07:05:04 2019
Quant Method : Z:\V0ASRV\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# 1825

Delta R.T. -0.01 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

MW-5-(16-18)

Tot Ion:168 Resp: 373641

Ion Ratio Lower Upper

168 100

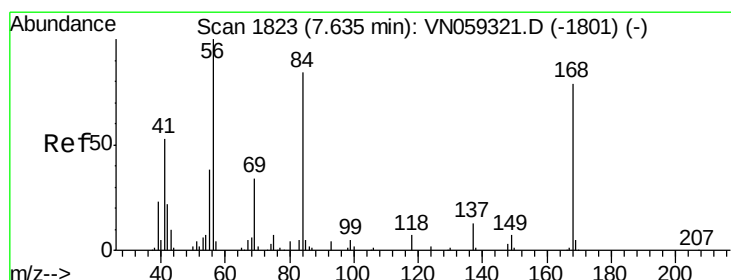
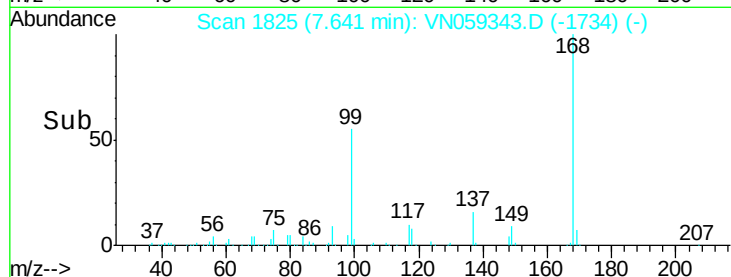
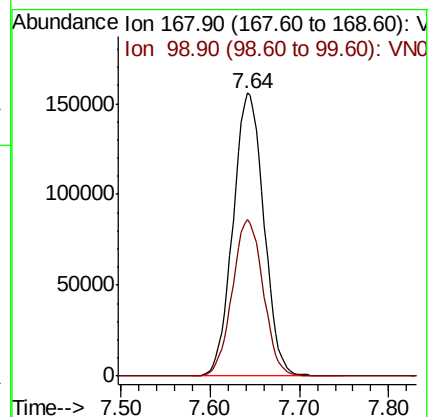
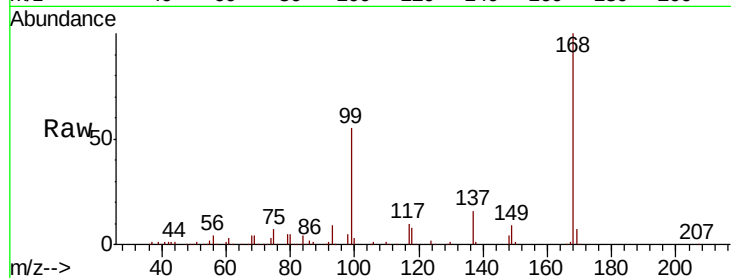
99 55.2 44.6 66.8

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#31

Cyclohexane

Concen: 2.961 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

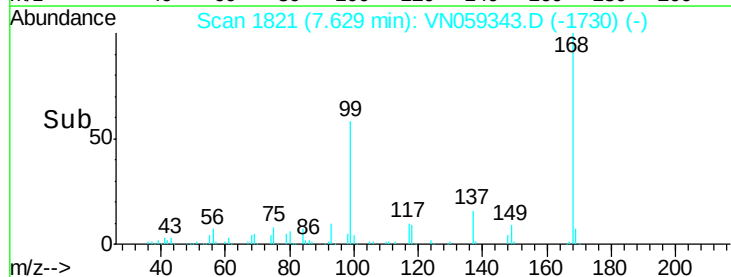
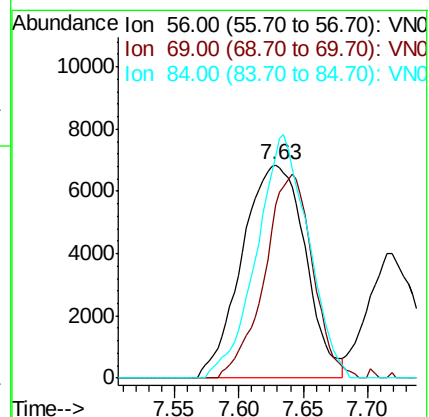
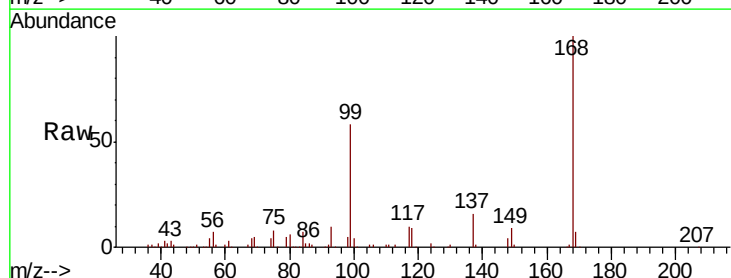
Tgt Ion: 56 Resp: 23371

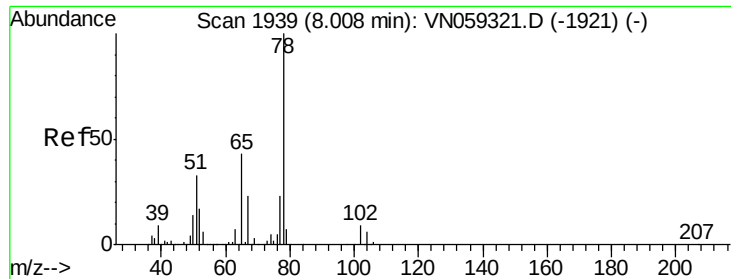
Ion Ratio Lower Upper

56 100

69 80.9 26.6 40.0#

84 104.0 67.0 100.4#





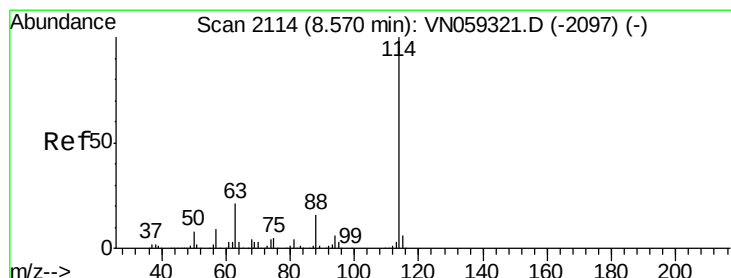
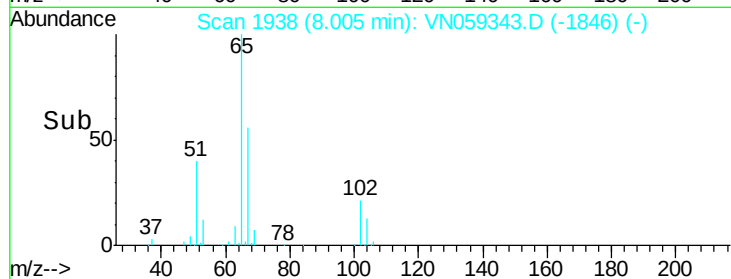
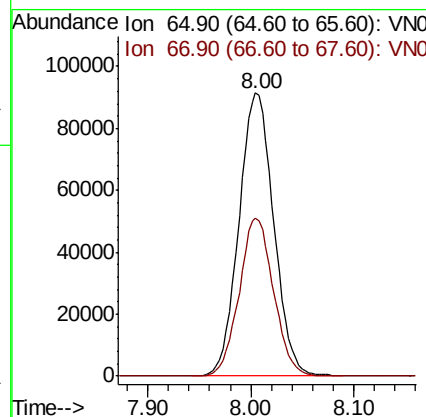
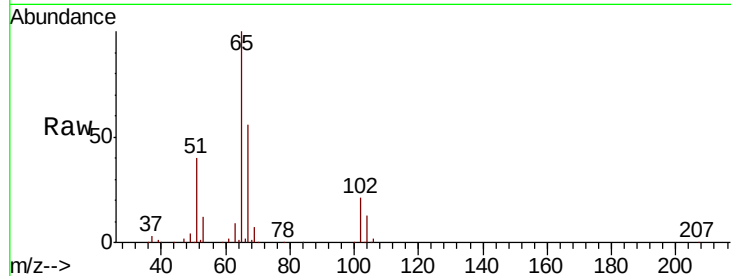
#33
 1,2-Dichloroethane-d4
 Concen: 47.884 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059343.D
 Acq: 21 Nov 2019 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5-(16-18)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	214666		
67	55.1	0.0	109.4	

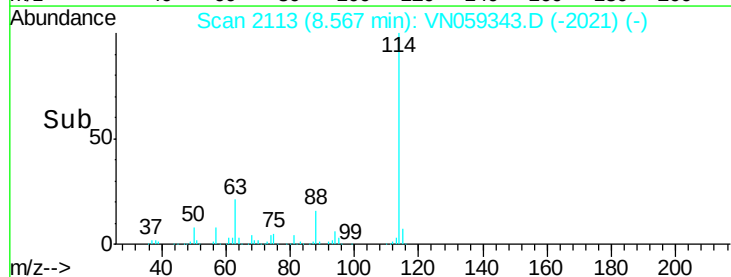
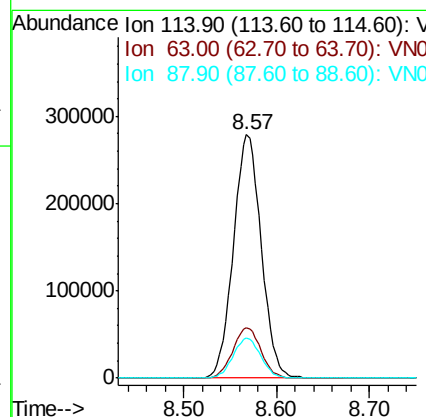
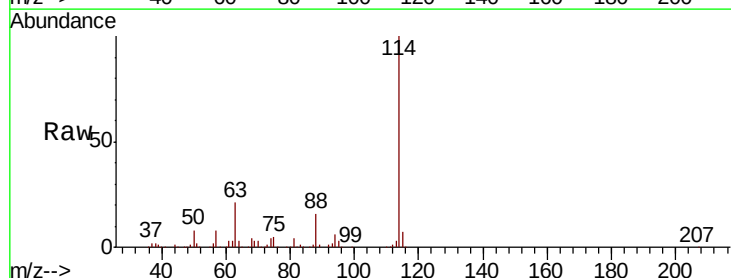
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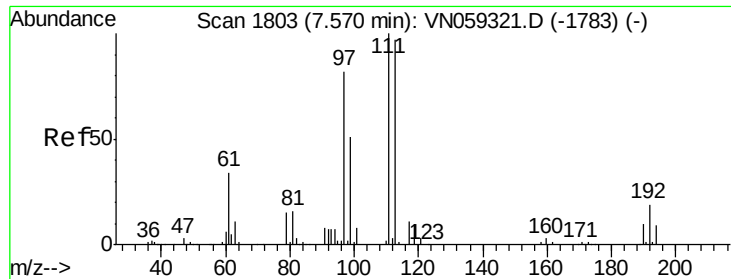
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059343.D
 Acq: 21 Nov 2019 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	579899		
63	20.8	0.0	42.2	
88	16.3	0.0	32.2	





#35

Dibromofluoromethane

Concen: 48.535 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

Instrument :

MSVOA_N

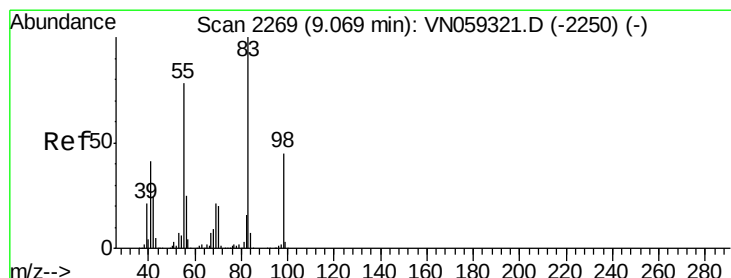
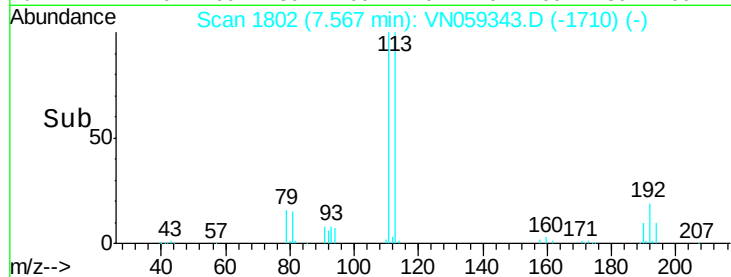
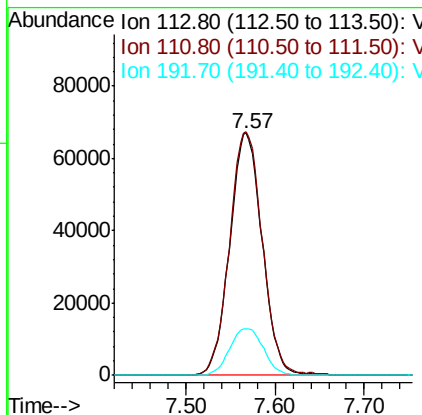
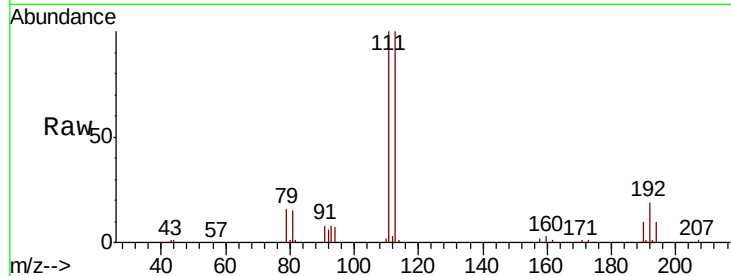
ClientSampleId :

MW-5-(16-18)

Tot Ion:	113	Resp:	168857
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.7	124.1
192	20.1	16.3	24.5

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#39

Methylcyclohexane

Concen: 25.093 ug/l

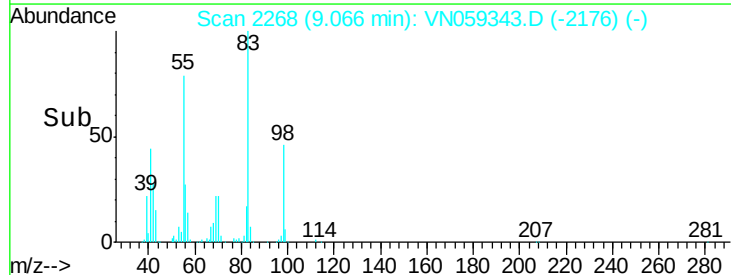
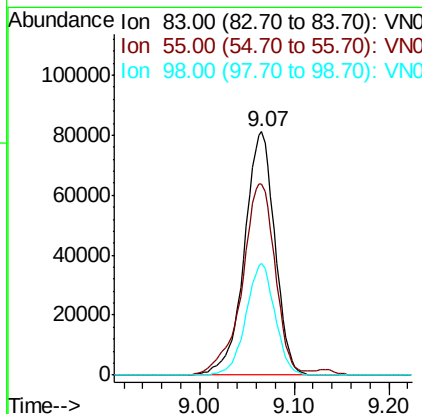
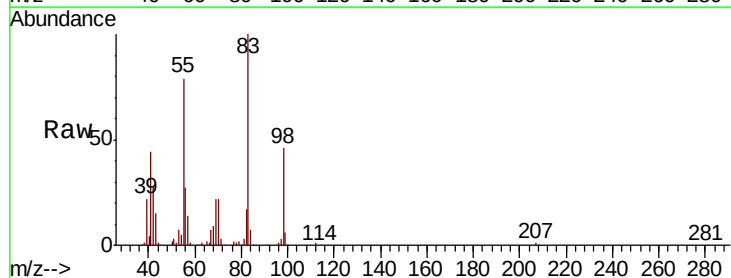
RT: 9.07 min Scan# 2268

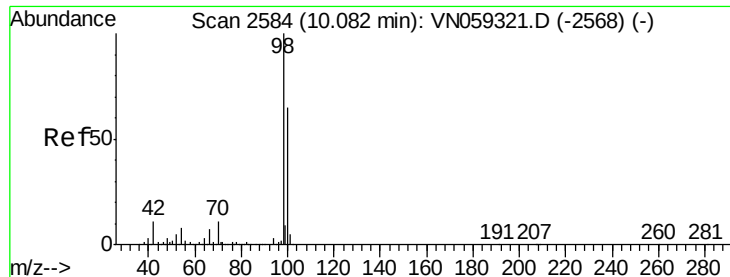
Delta R.T. -0.00 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

Tgt Ion:	83	Resp:	181148
Ion Ratio	Lower	Upper	
83	100		
55	78.6	62.3	93.5
98	45.9	36.0	54.0





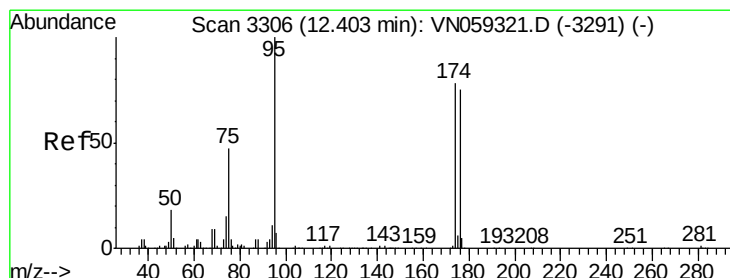
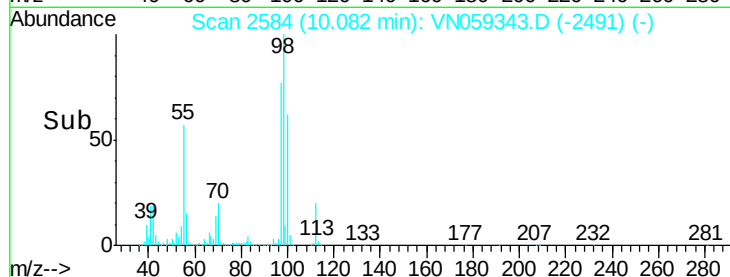
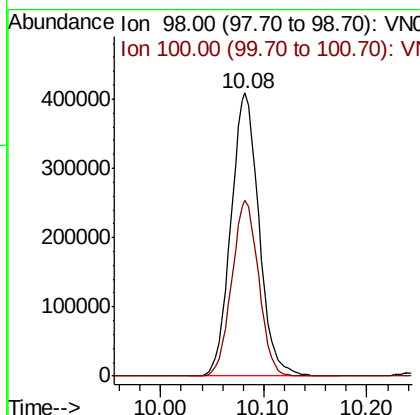
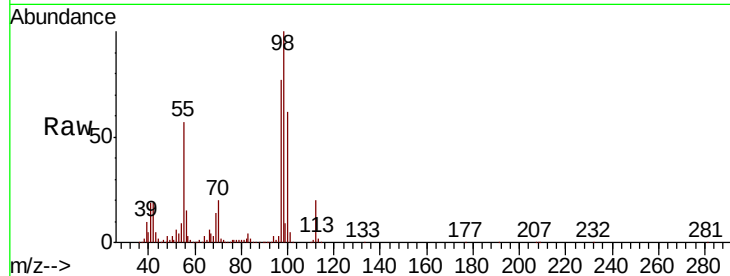
#50
Toluene-d8
Concen: 56.008 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059343.D
Acq: 21 Nov 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :
MW-5-(16-18)

Tot Ion: 98 Resp: 774634
Ion Ratio Lower Upper
98 100
100 59.3 51.7 77.5

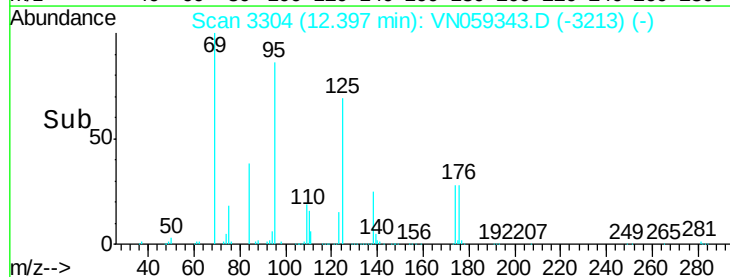
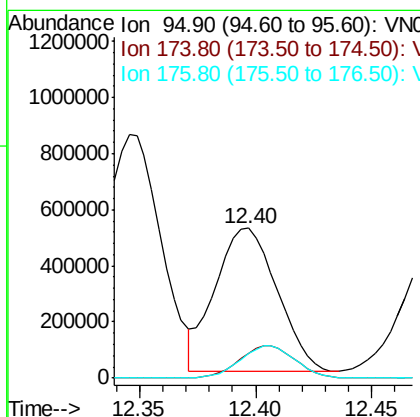
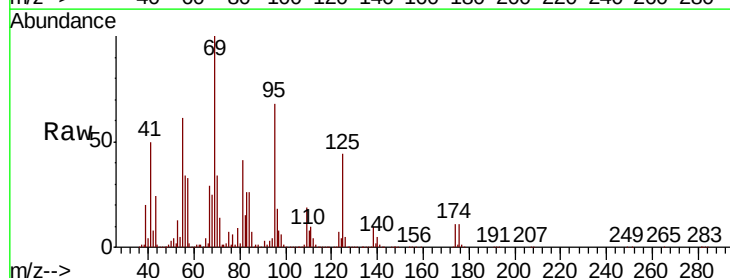
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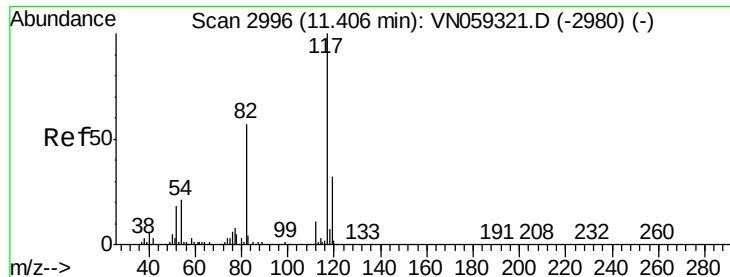
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#62
4-Bromofluorobenzene
Concen: 197.218 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.01 min
Lab File: VN059343.D
Acq: 21 Nov 2019 18:02

Tgt Ion: 95 Resp: 953752
Ion Ratio Lower Upper
95 100
174 20.3 0.0 157.4
176 20.0 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

Instrument :

MSVOA_N

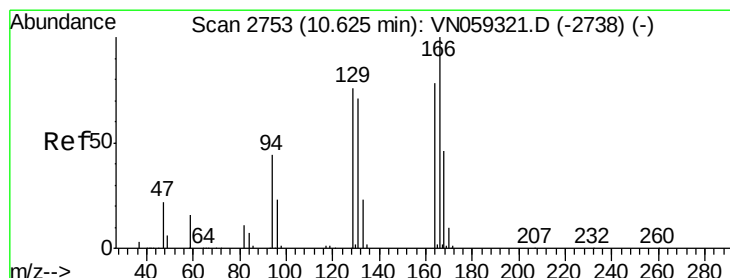
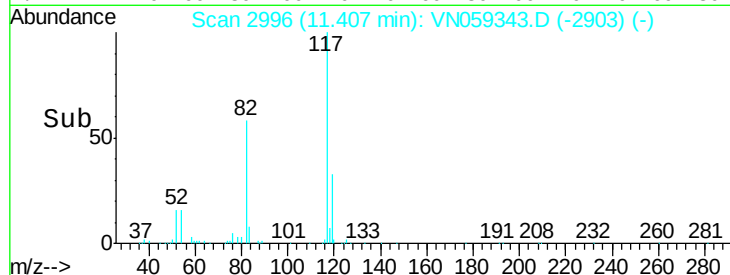
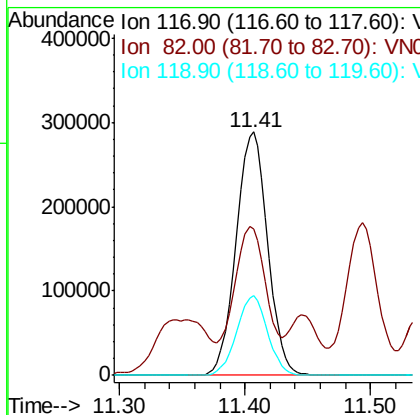
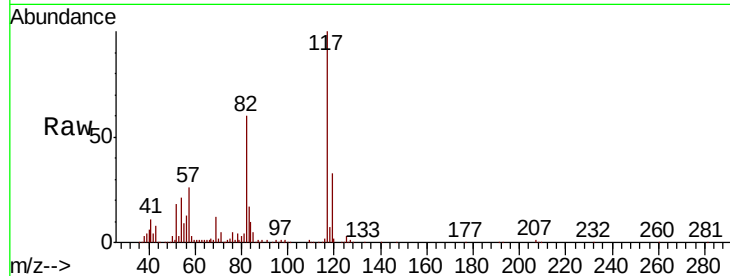
ClientSampleId :

MW-5-(16-18)

Tot Ion:	117	Resp:	504442
Ion Ratio	Lower	Upper	
117	100		
82	41.8	45.7	68.5#
119	32.5	25.8	38.6

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#64

Tetrachloroethene

Concen: 1.334 ug/l

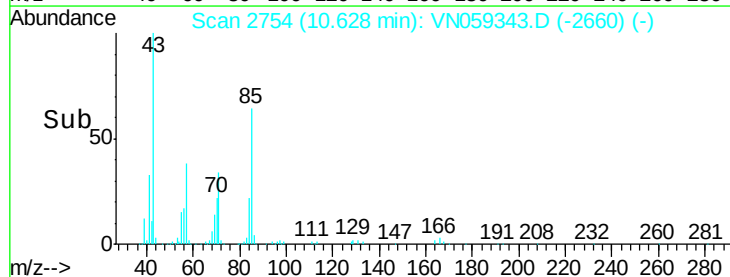
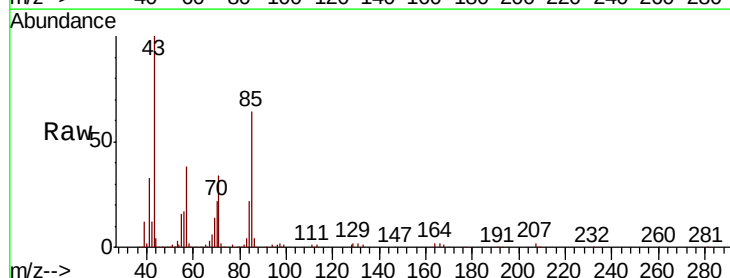
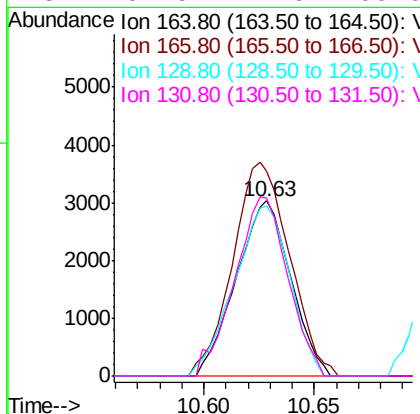
RT: 10.63 min Scan# 2754

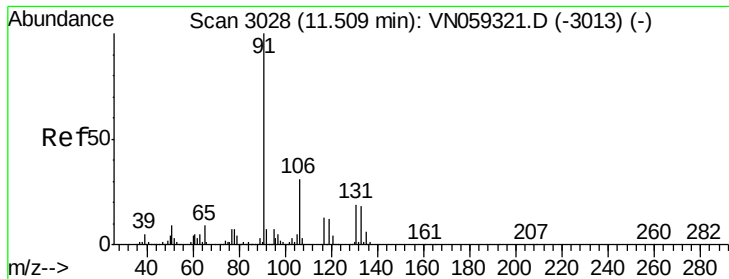
Delta R.T. 0.00 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

Tgt Ion:	164	Resp:	5205
Ion Ratio	Lower	Upper	
164	100		
166	117.1	102.9	154.3
129	97.1	78.2	117.2
131	101.5	72.6	109.0





#67

Ethyl Benzene

Concen: 141.574 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

MW-5-(16-18)

Tot Ion: 91 Resp: 2741798

Ion Ratio Lower Upper

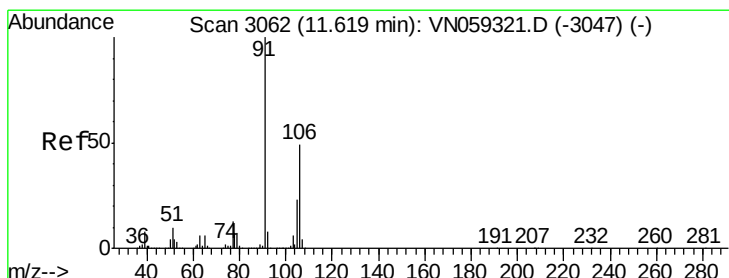
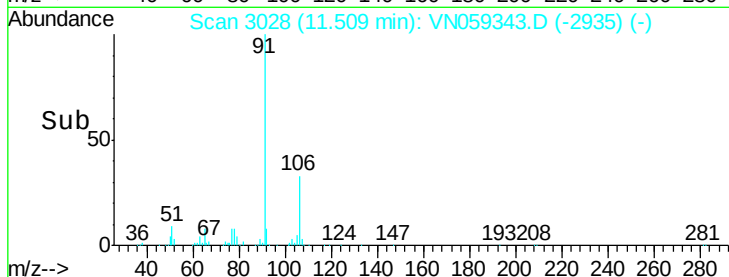
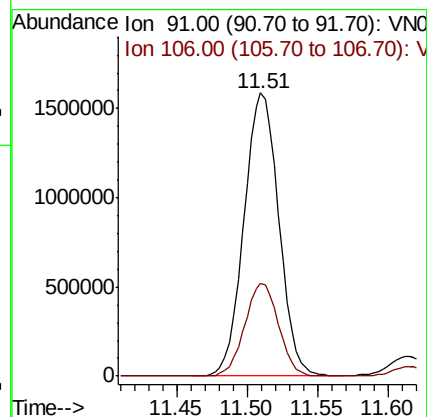
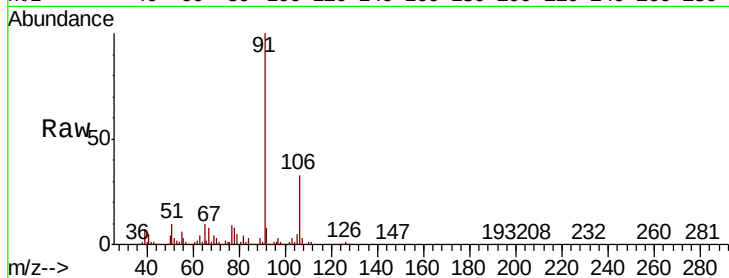
91 100

106 32.9 24.6 37.0

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#68

m/p-Xylenes

Concen: 12.546 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059343.D

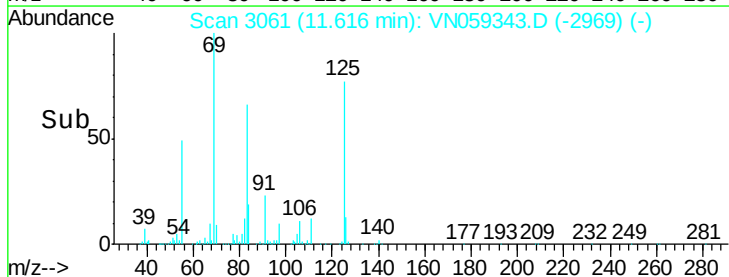
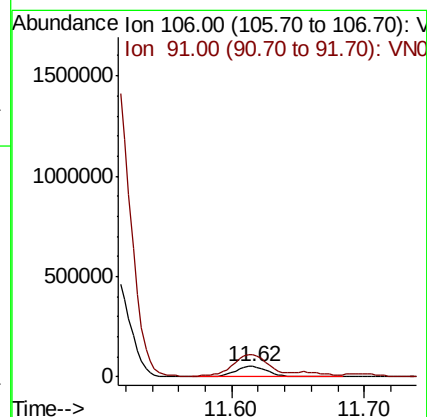
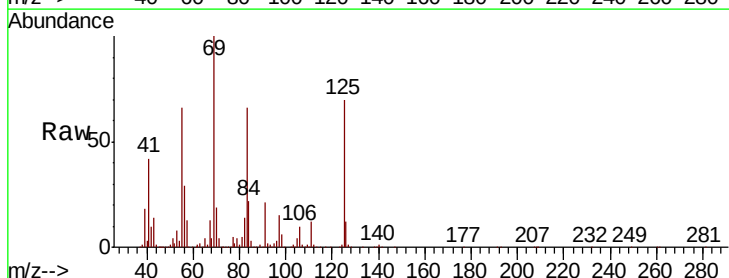
Acq: 21 Nov 2019 18:02

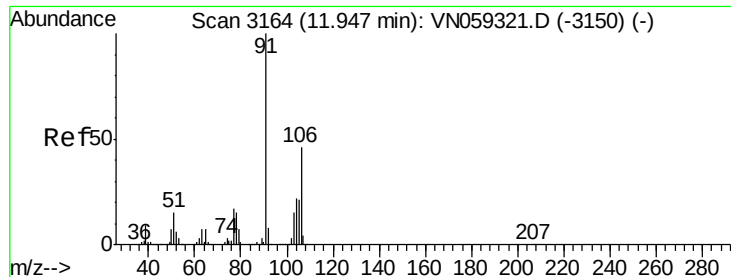
Tgt Ion: 106 Resp: 90285

Ion Ratio Lower Upper

106 100

91 222.9 163.2 244.8





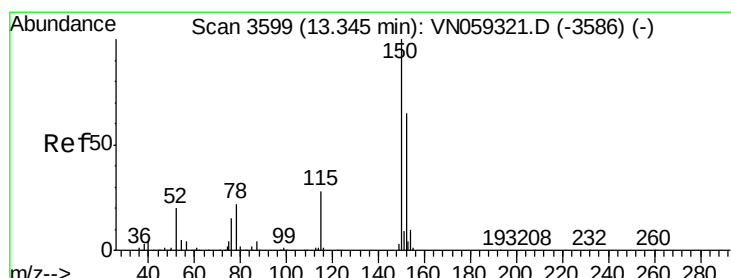
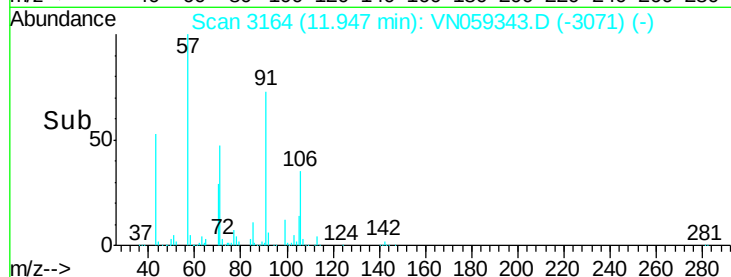
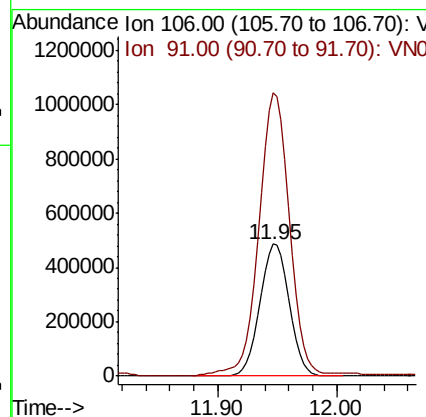
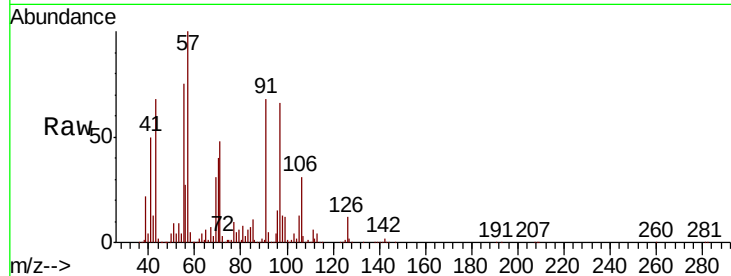
#69
o-Xylene
Concen: 119.831 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059343.D
Acq: 21 Nov 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :
MW-5-(16-18)

Tot Ion:106 Resp: 825554
Ion Ratio Lower Upper
106 100
91 223.7 109.3 327.9

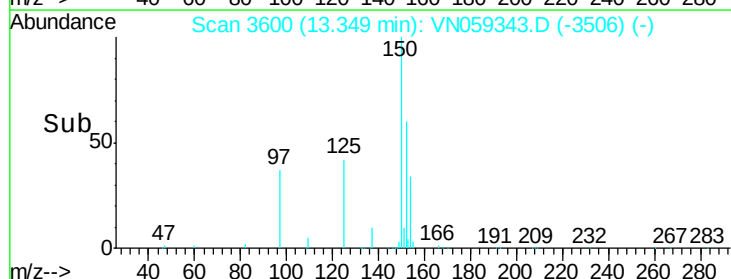
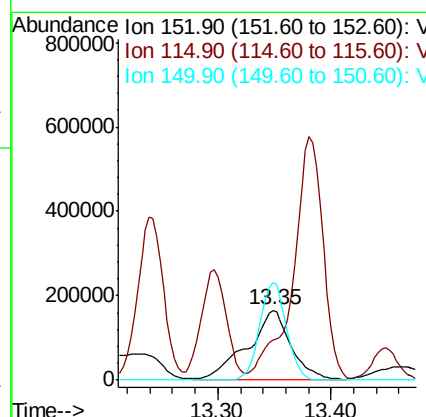
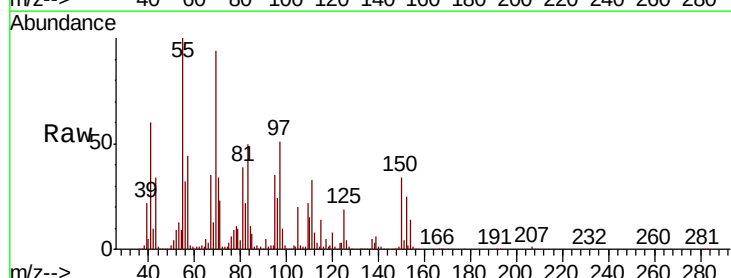
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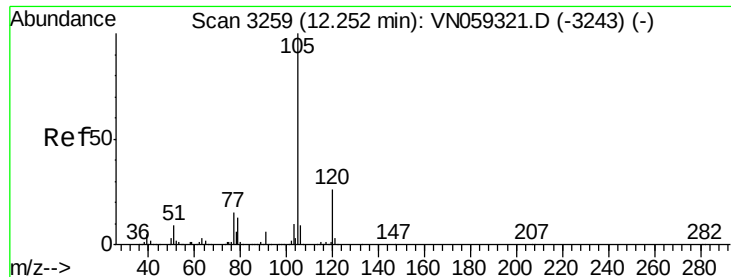
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059343.D
Acq: 21 Nov 2019 18:02

Tgt Ion:152 Resp: 424754
Ion Ratio Lower Upper
152 100
115 0.0 29.3 88.0#
150 89.0 0.0 346.0





#73

Isopropylbenzene

Concen: 95.204 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

MW-5-(16-18)

Tot Ion: 105 Resp: 3312639

Ion Ratio Lower Upper

105 100

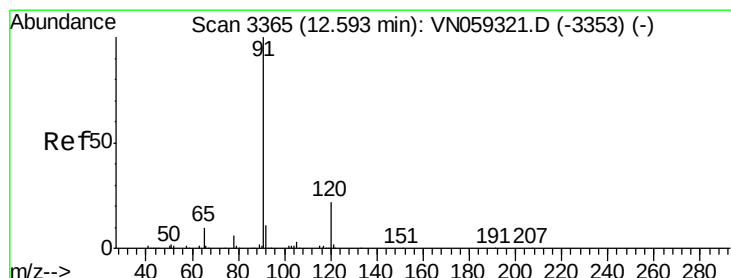
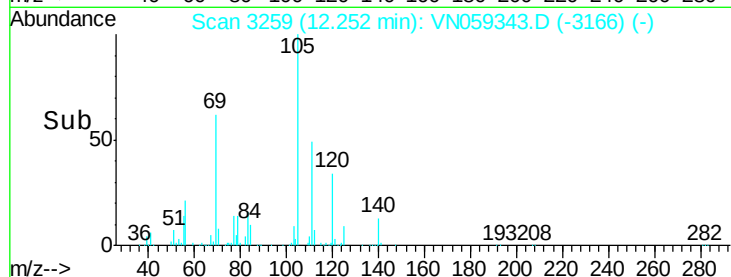
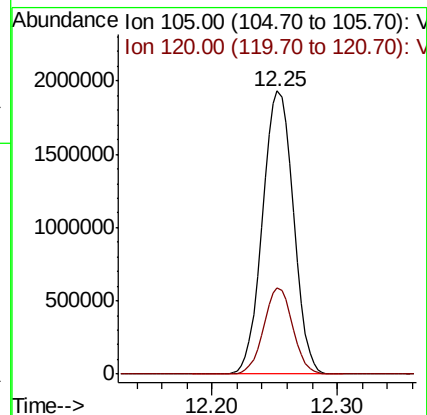
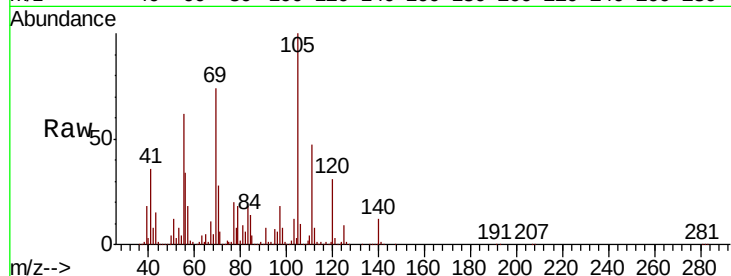
120 28.6 13.1 39.3

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#78

n-propylbenzene

Concen: 160.872 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN059343.D

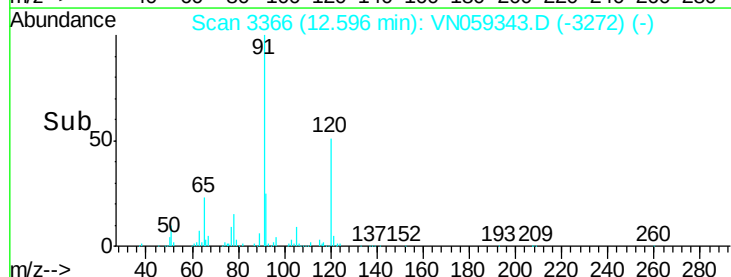
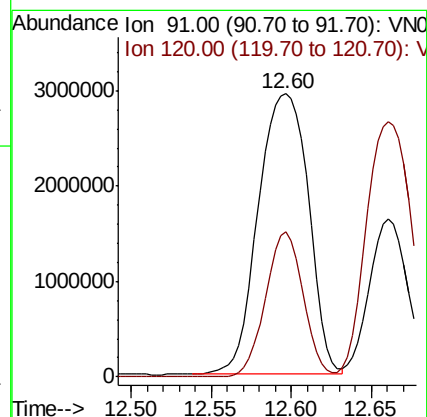
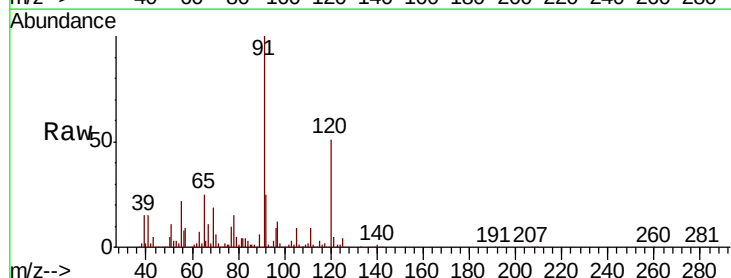
Acq: 21 Nov 2019 18:02

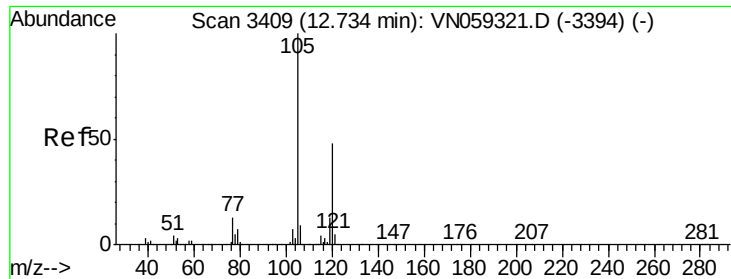
Tgt Ion: 91 Resp: 6340637

Ion Ratio Lower Upper

91 100

120 39.0 11.3 33.9#





#80

1,3,5-Trimethylbenzene

Concen: 263.604 ug/l m

RT: 12.74 min Scan# 3411

Delta R.T. 0.01 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

MW-5-(16-18)

Tot Ion:105 Resp: 7710418

Ion Ratio Lower Upper

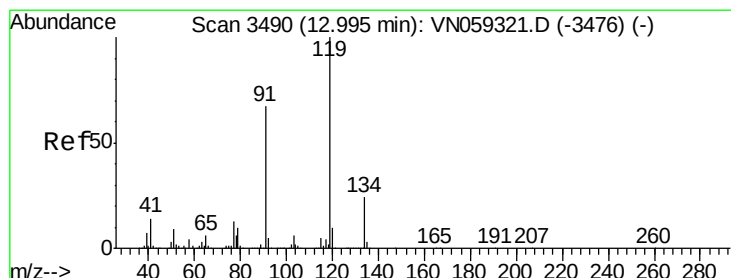
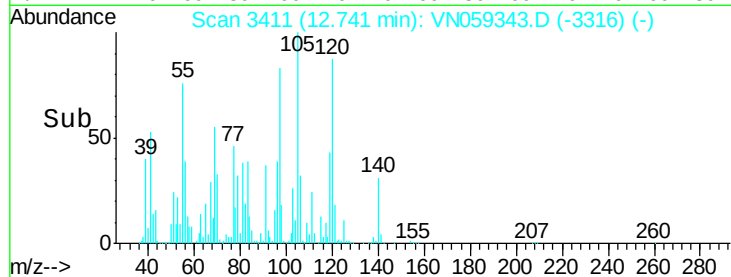
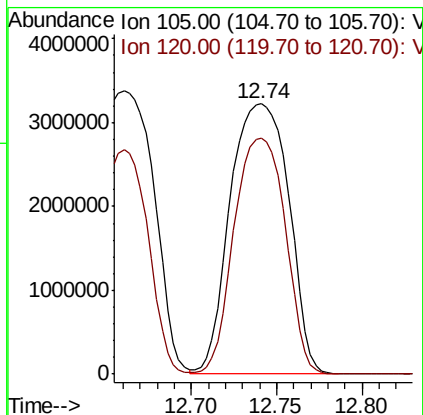
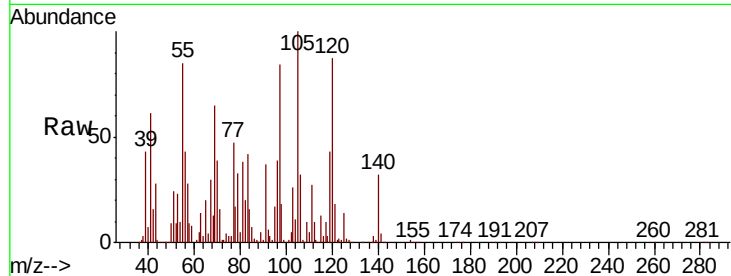
105 100

120 67.6 24.1 72.4

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#83

tert-Butylbenzene

Concen: 31.364 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. 0.00 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

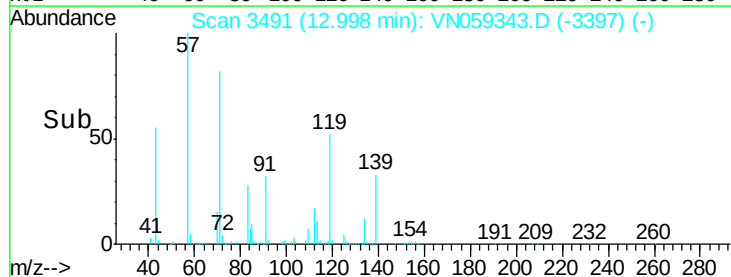
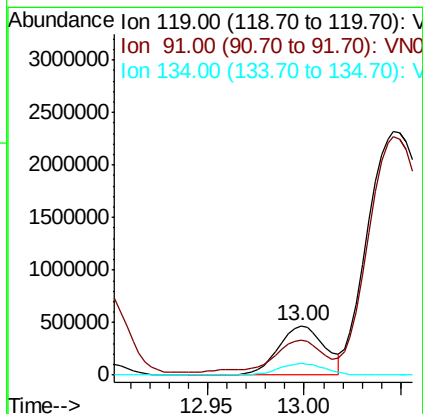
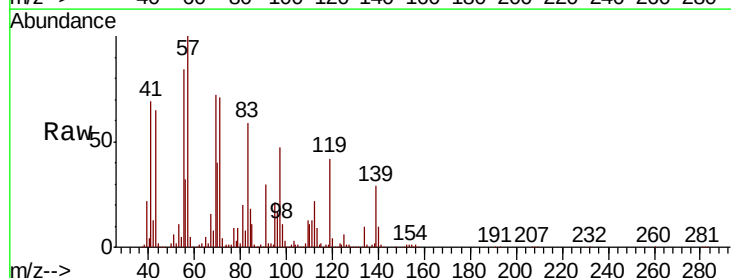
Tgt Ion:119 Resp: 774806

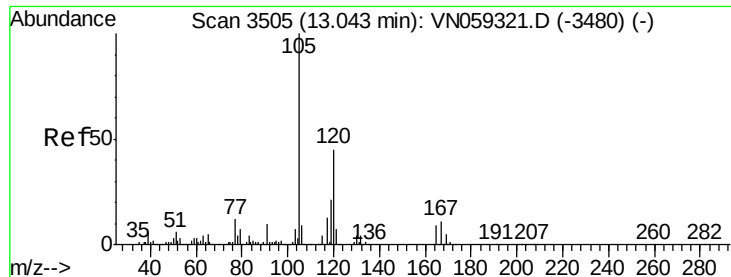
Ion Ratio Lower Upper

119 100

91 68.6 32.8 98.4

134 23.7 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 368.734 ug/l m

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN059343.D

Acq: 21 Nov 2019 18:02

Instrument :

MSVOA_N

ClientSampleId :

MW-5-(16-18)

Tot Ion:105 Resp:10565217

Ion Ratio Lower Upper

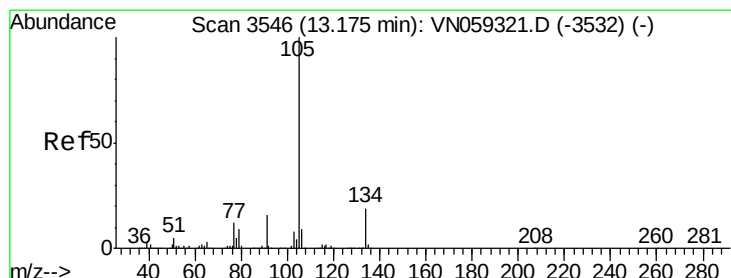
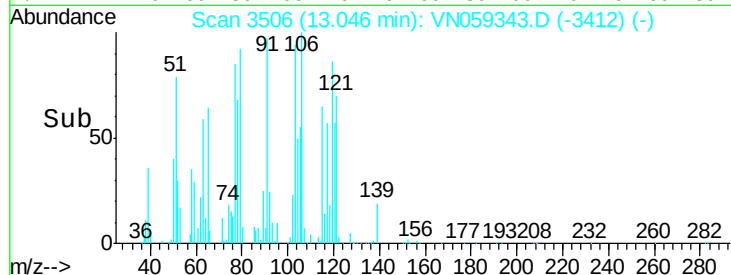
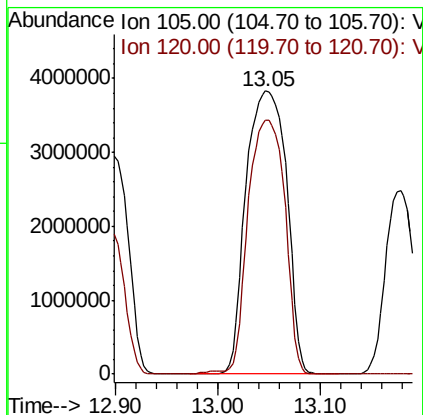
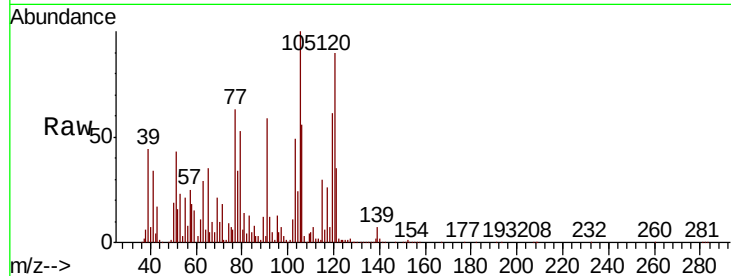
105 100

120 31.0 22.6 67.8

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#85

sec-Butylbenzene

Concen: 141.577 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN059343.D

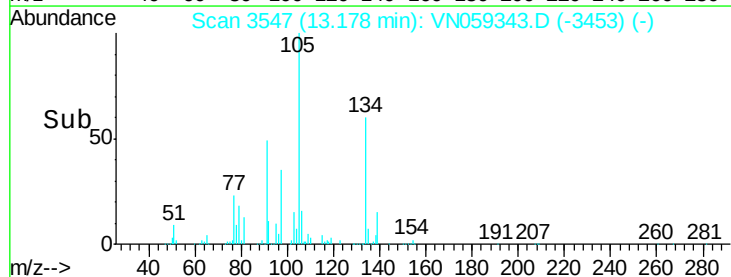
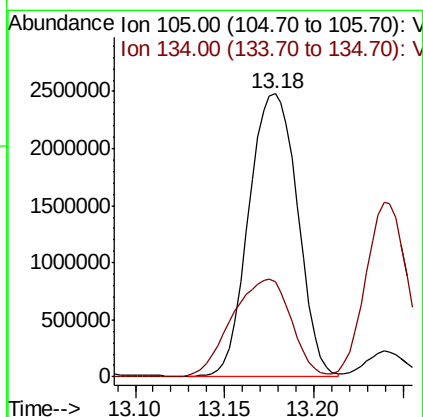
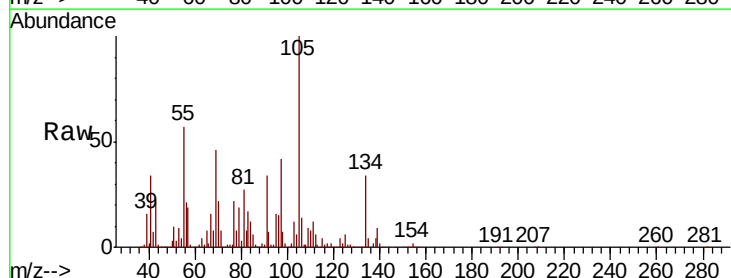
Acq: 21 Nov 2019 18:02

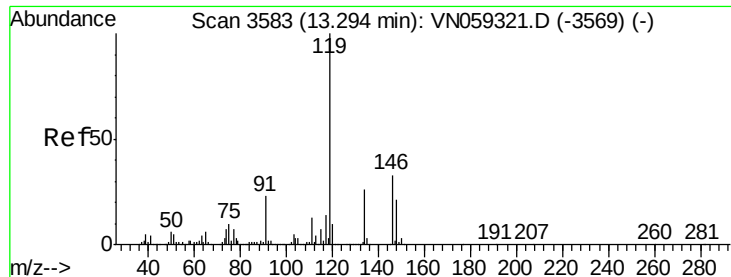
Tgt Ion:105 Resp: 4700772

Ion Ratio Lower Upper

105 100

134 42.4 9.8 29.3#





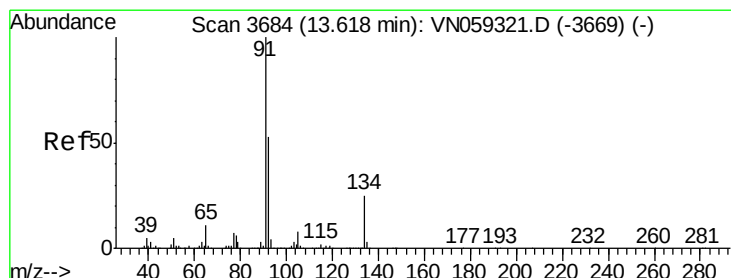
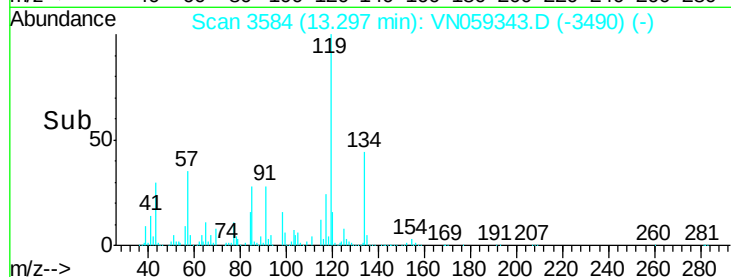
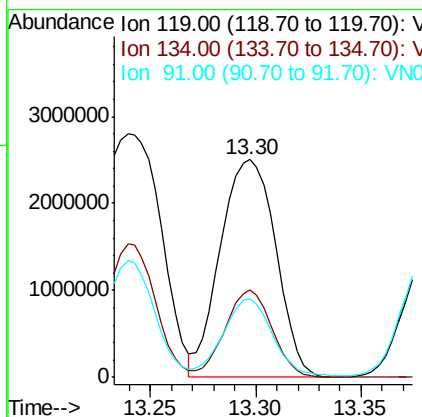
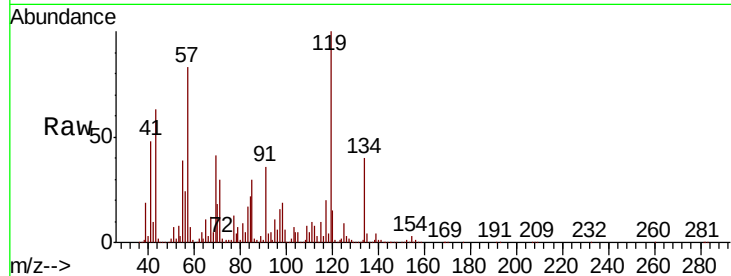
#86
 p-Isopropyltoluene
 Concen: 154.784 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN059343.D
 Acq: 21 Nov 2019 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5-(16-18)

Tot Ion	Ratio	Lower	Upper
119	100		
134	33.7	13.0	38.9
91	30.4	11.6	34.7

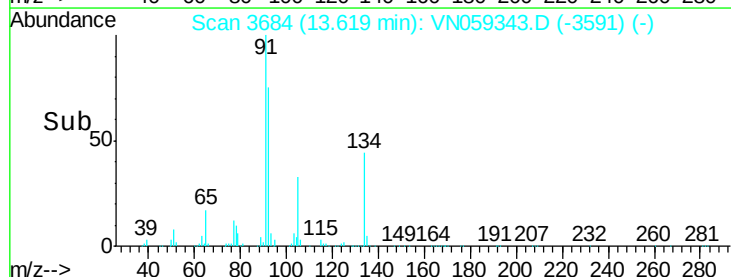
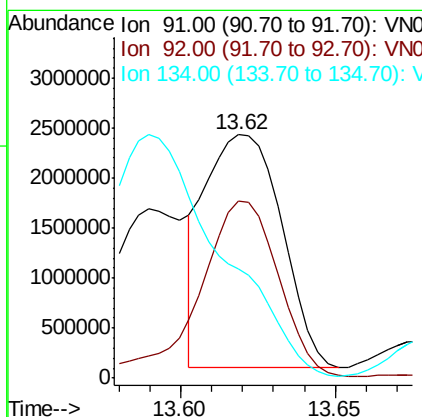
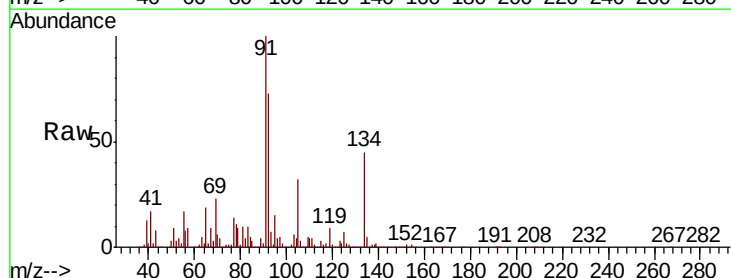
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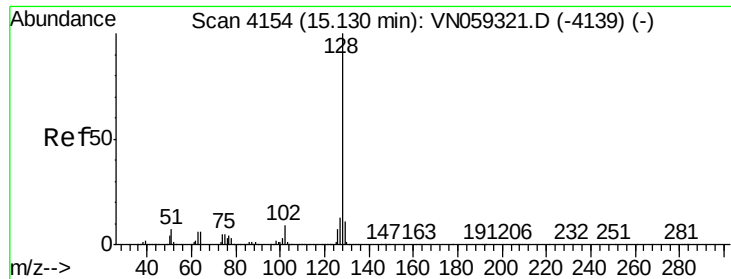
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#89
 n-Butylbenzene
 Concen: 154.651 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: VN059343.D
 Acq: 21 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	77.8	26.0	78.0
134	0.0	12.7	38.1#





#95
Naphthalene
Concen: 85.599 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059343.D
Acq: 21 Nov 2019 18:02

Instrument :
MSVOA_N
ClientSampleId :
MW-5-(16-18)

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.6	13.0

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