

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
 Data File : VN052733.D
 Acq On : 7 Dec 2018 18:04
 Operator : MD\SY
 Sample : J6019-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Manual Integrations
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MMDadoda
 12/10/2018 12:51:13 PM

Quant Time: Dec 10 11:37:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1195624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1817591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1606047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	688464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	614404	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	7.59	113	558745	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.09	98	2249843	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.40	95	767982	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.65	56	566129	25.083	ug/l	94
39) Methylcyclohexane	9.08	83	576426	27.630	ug/l	97
40) Benzene	8.04	78	2552111	49.893	ug/l	100
52) Toluene	10.16	92	247596	8.147	ug/l	99
67) Ethyl Benzene	11.51	91	1794572	30.945	ug/l	100
68) m/p-Xylenes	11.62	106	246306	11.409	ug/l	99
69) o-Xylene	11.95	106	62171	2.965	ug/l	99
73) Isopropylbenzene	12.25	105	4163103	77.074	ug/l	99
78) n-propylbenzene	12.59	91	3132174	51.044	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	42106	0.977	ug/l	93
83) tert-Butylbenzene	12.99	119	130630	3.401	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	75847	1.757	ug/l	99
85) sec-Butylbenzene	13.17	105	392215	7.498	ug/l #	63
86) p-Isopropyltoluene	13.29	119	56893m	1.277	ug/l	
89) n-Butylbenzene	13.62	91	456311	12.315	ug/l #	70
95) Naphthalene	15.13	128	80838	6.333	ug/l	98

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

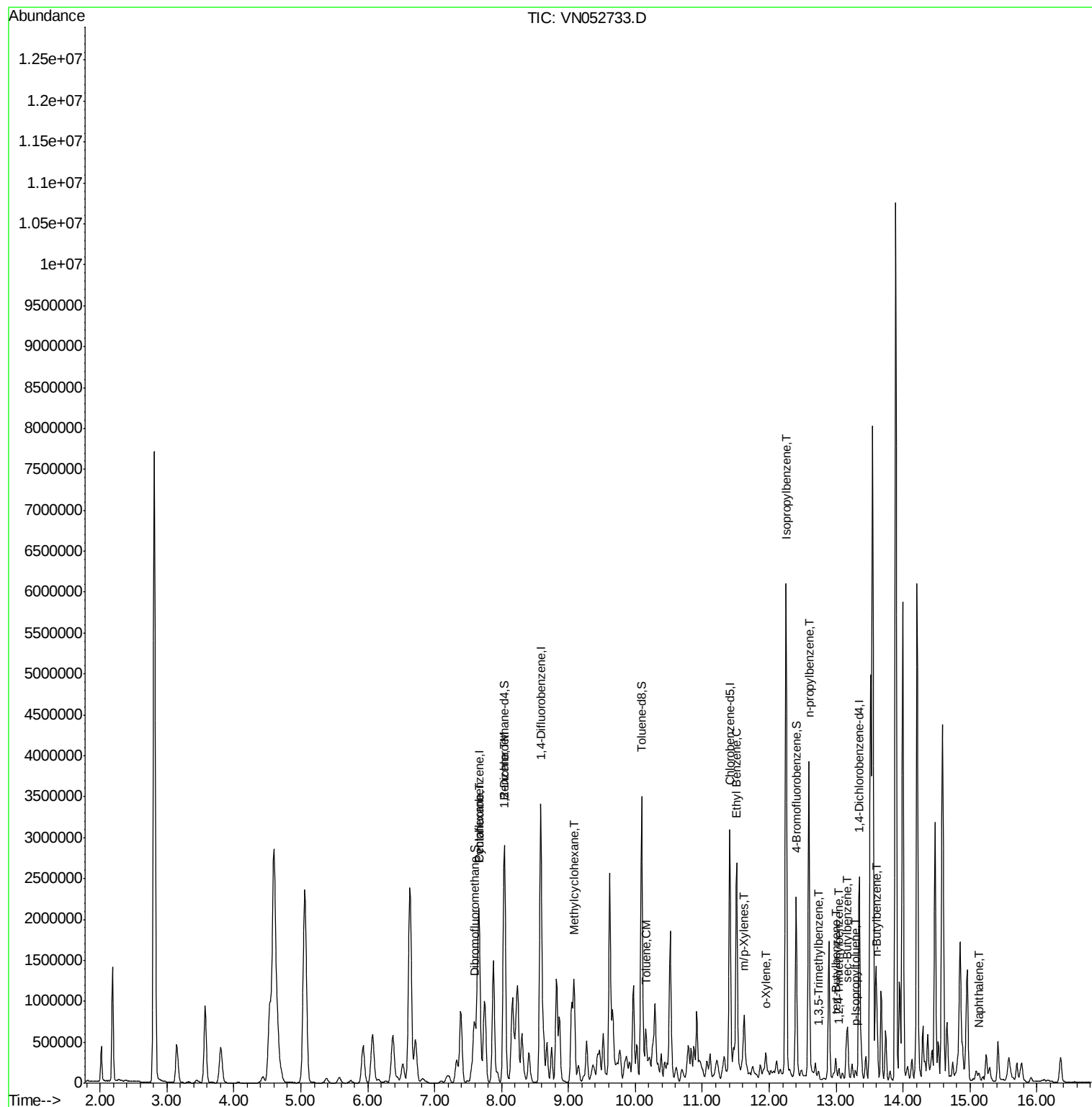
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052733.D
Acq On : 7 Dec 2018 18:04
Operator : MD\SY
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ALS Vial : 19 Sample Multiplier: 28

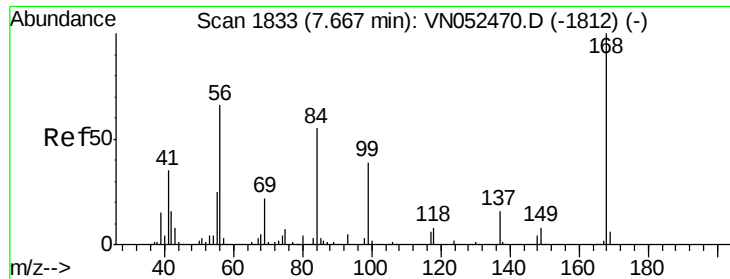
Instrument :
MSVOA_N
ClientSampleId :
MW-3

Quant Time: Dec 10 11:37:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052733.D

Acq: 7 Dec 2018 18:04

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tgt Ion:168 Resp: 1195624

Ion Ratio Lower Upper

168 100

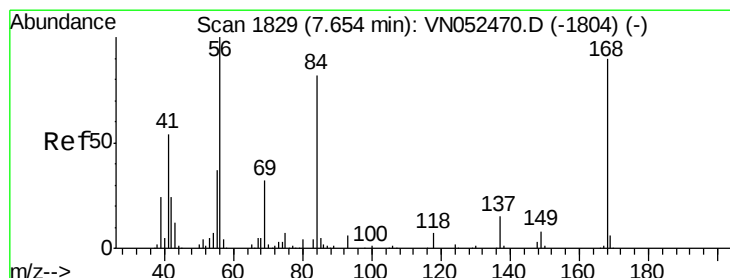
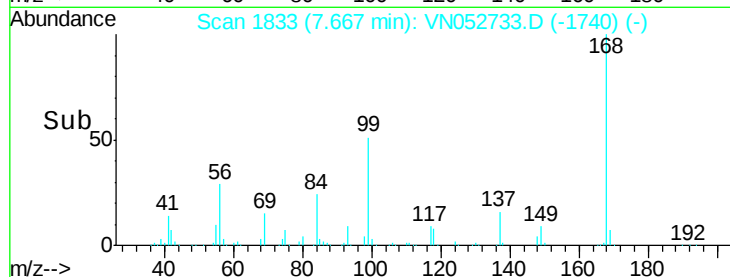
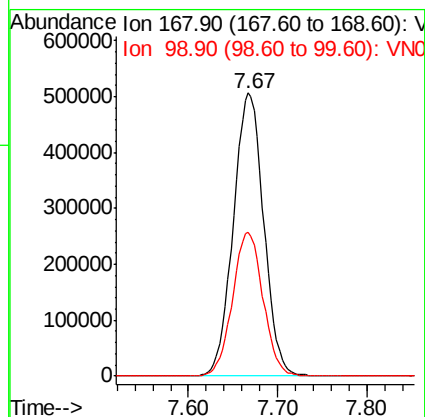
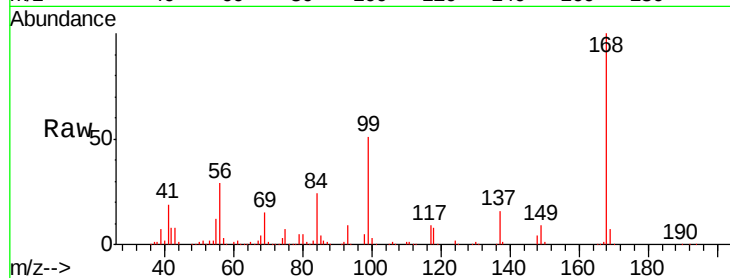
99 51.0 41.7 62.5

Manual Integrations

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#31

Cyclohexane

Concen: 25.083 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN052733.D

Acq: 7 Dec 2018 18:04

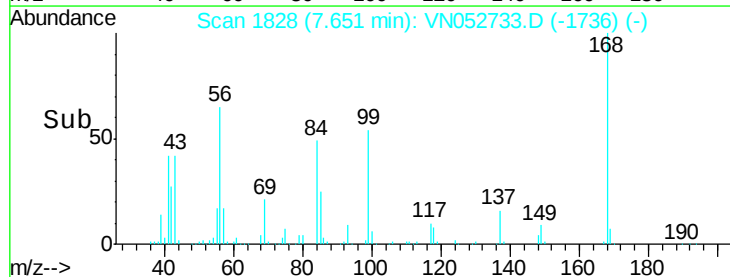
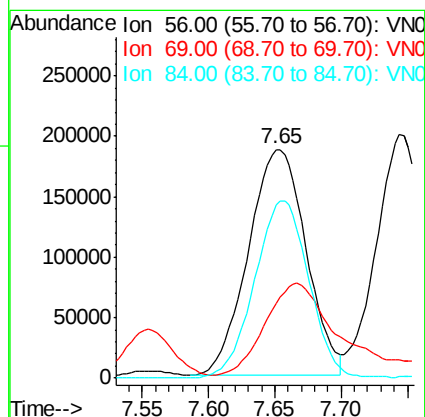
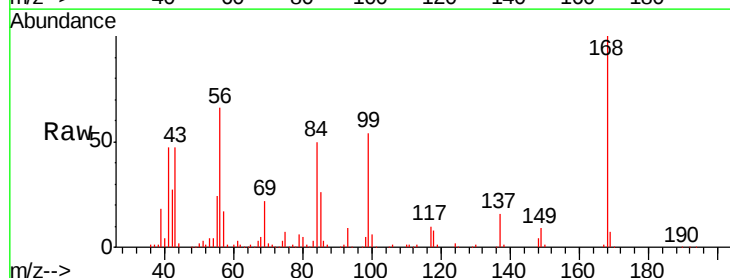
Tgt Ion: 56 Resp: 566129

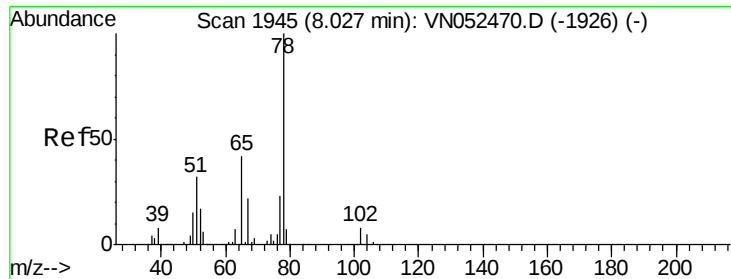
Ion Ratio Lower Upper

56 100

69 28.7 25.8 38.6

84 76.2 65.3 97.9





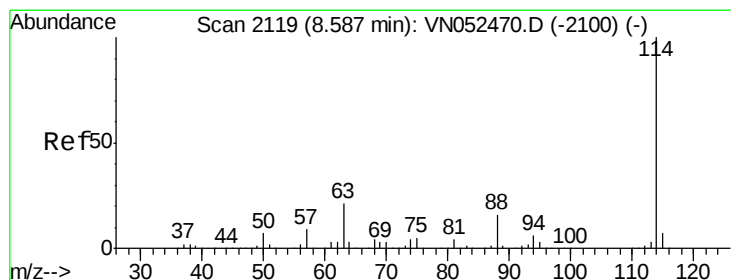
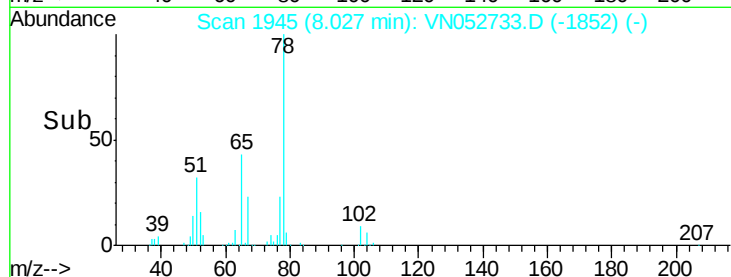
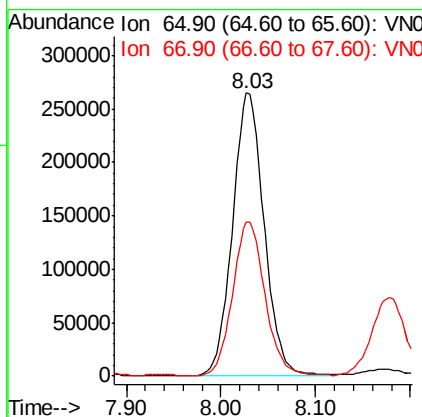
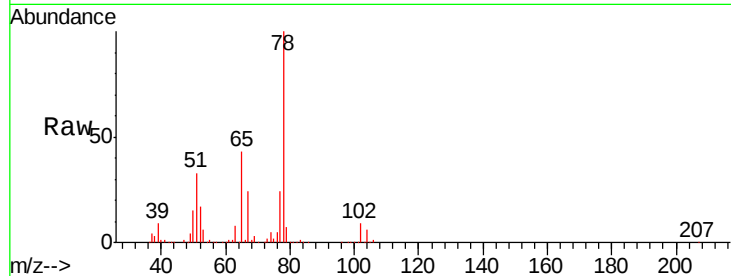
#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052733.D
 Acq: 7 Dec 2018 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tgt Ion: 65 Resp: 614404
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 109.8

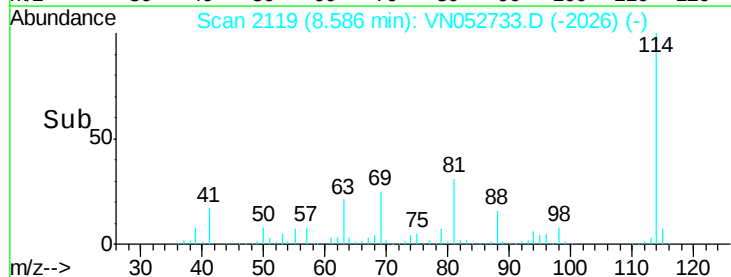
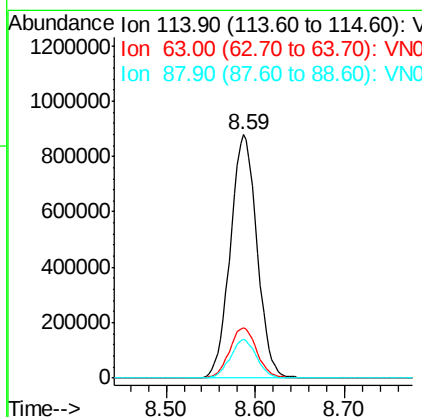
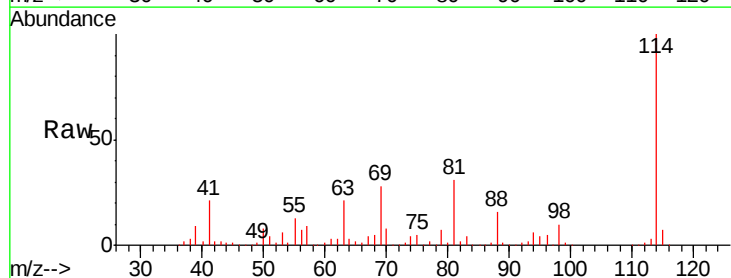
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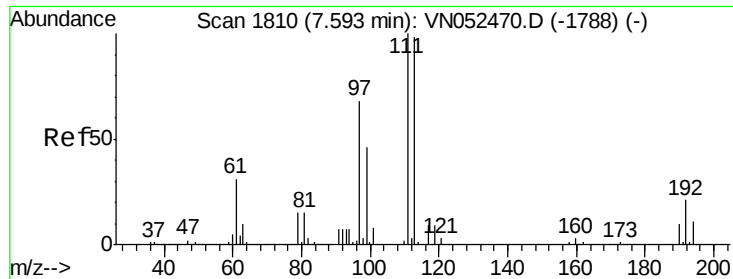
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052733.D
 Acq: 7 Dec 2018 18:04

Tgt Ion: 114 Resp: 1817591
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.8
 88 15.8 0.0 31.6





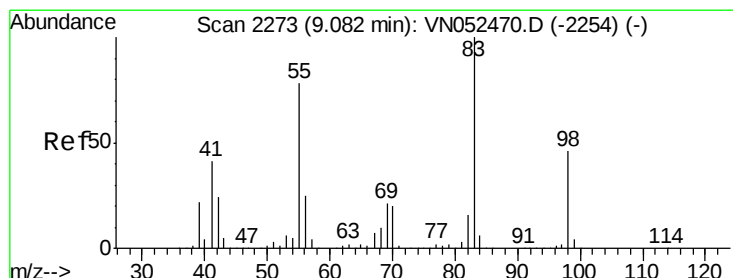
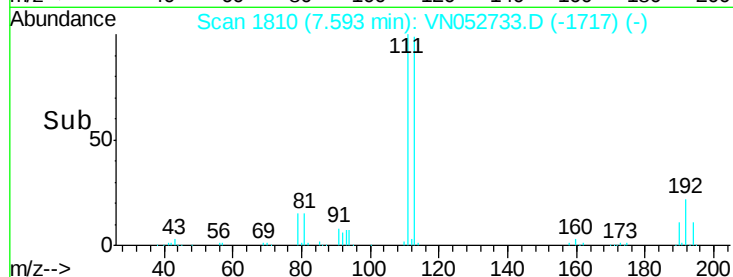
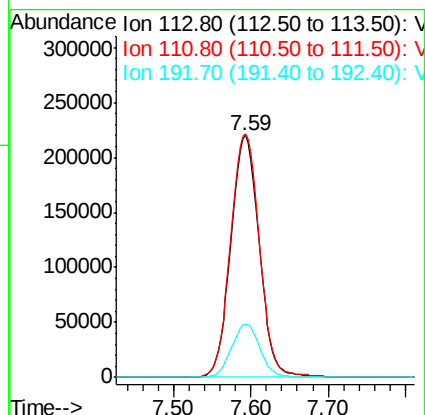
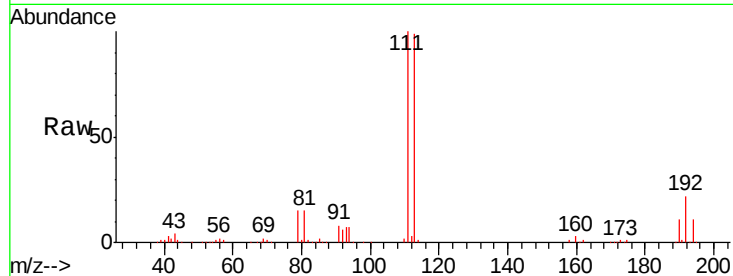
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	558745		
111	102.7	82.0	123.0	
192	22.0	17.0	25.6	

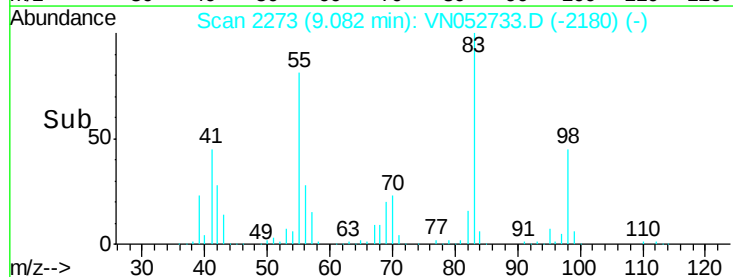
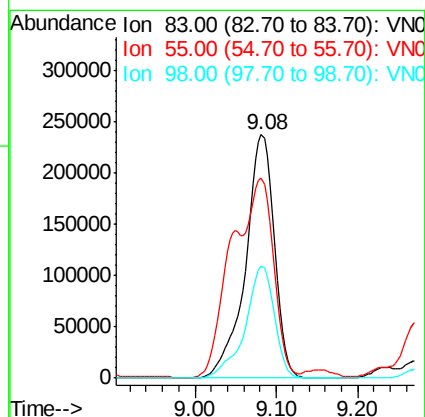
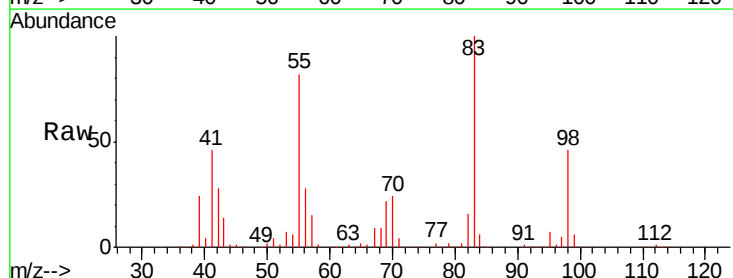
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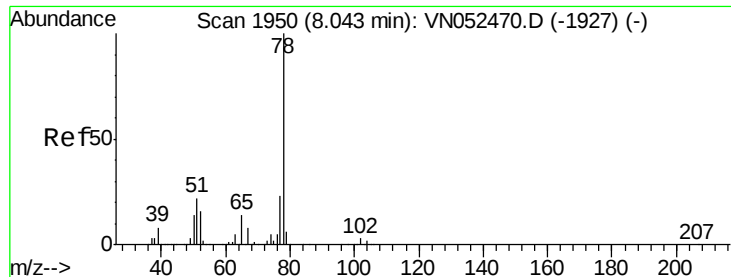
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#39
Methylcyclohexane
Concen: 27.630 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	576426		
55	81.8	62.2	93.2	
98	45.9	36.4	54.6	





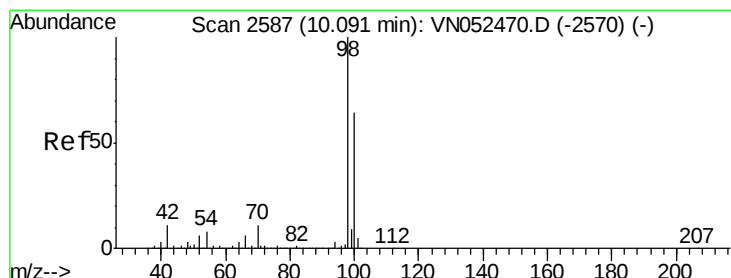
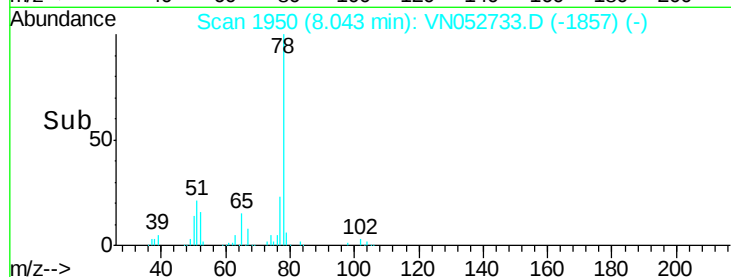
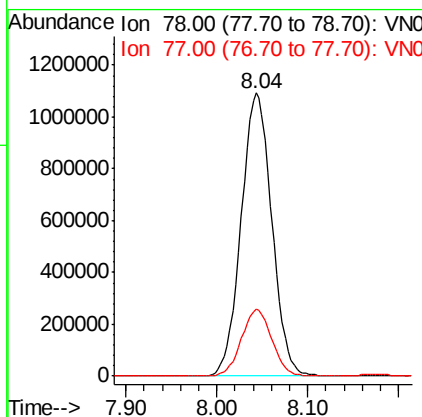
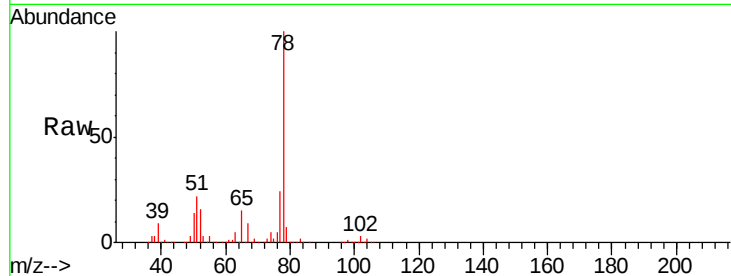
#40
Benzene
Concen: 49.893 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion: 78 Resp: 2552111
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

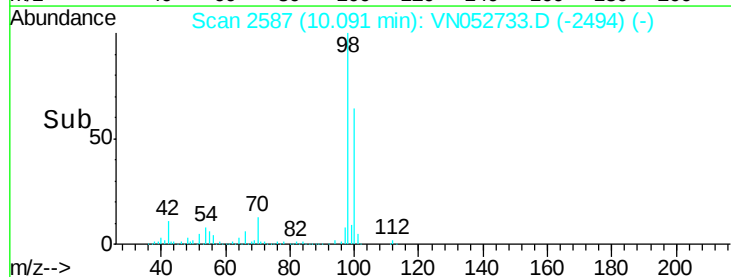
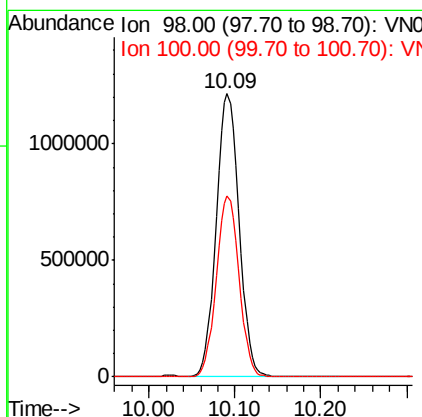
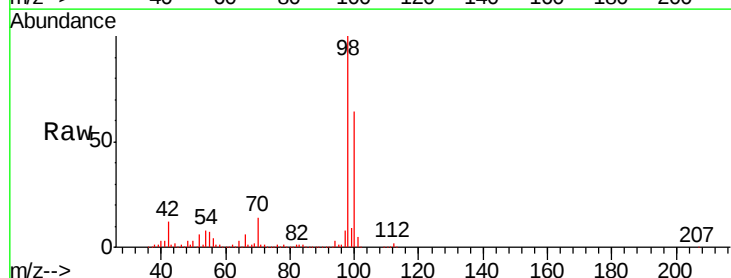
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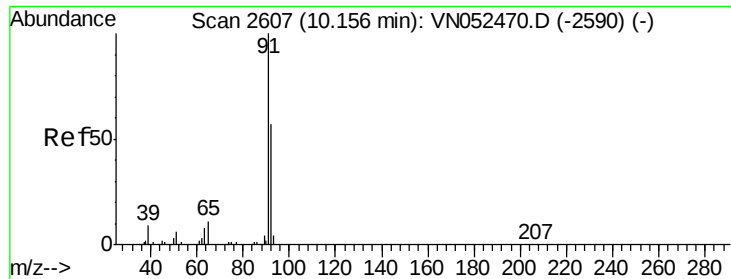
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Tgt Ion: 98 Resp: 2249843
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9





#52

Toluene

Concen: 8.147 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052733.D

Acq: 7 Dec 2018 18:04

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tgt Ion: 92 Resp: 247596

Ion Ratio Lower Upper

92 100

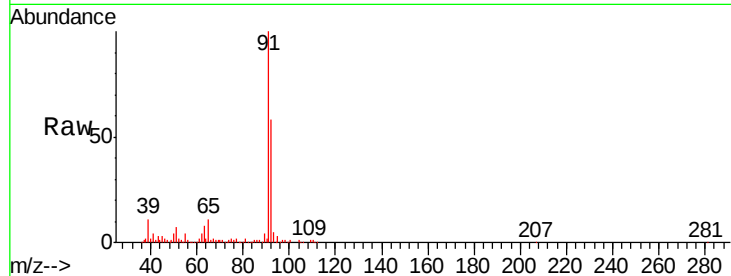
91 177.3 141.0 211.4

Manual Integrations

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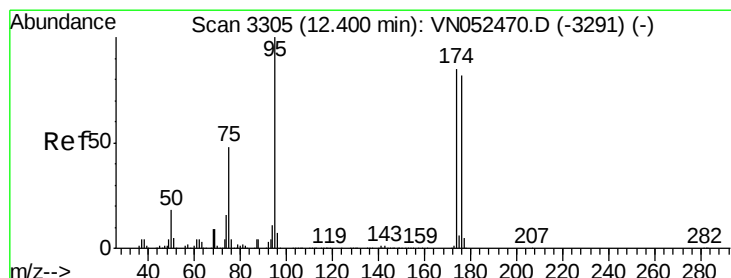
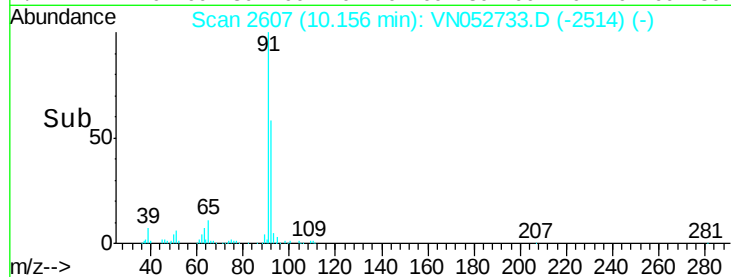
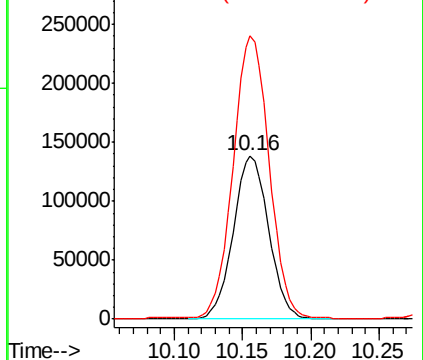
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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052733.D

Acq: 7 Dec 2018 18:04

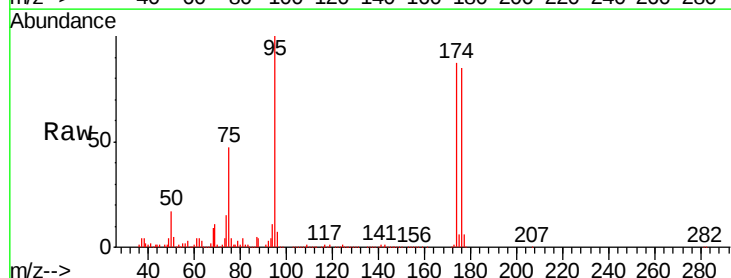
Tgt Ion: 95 Resp: 767982

Ion Ratio Lower Upper

95 100

174 84.7 0.0 173.0

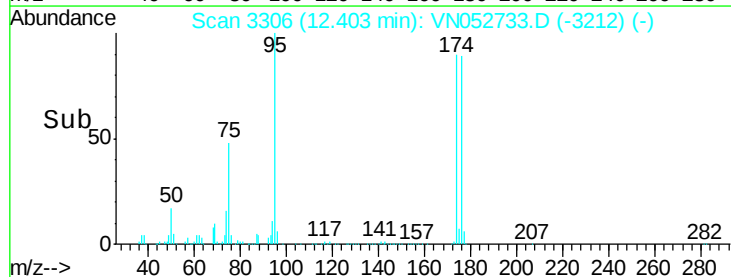
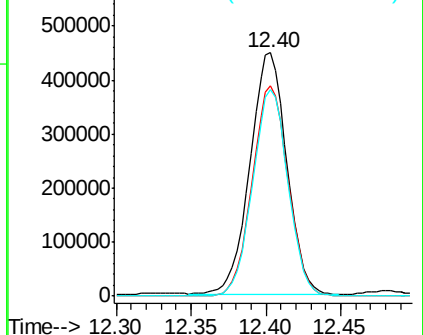
176 82.1 0.0 166.2

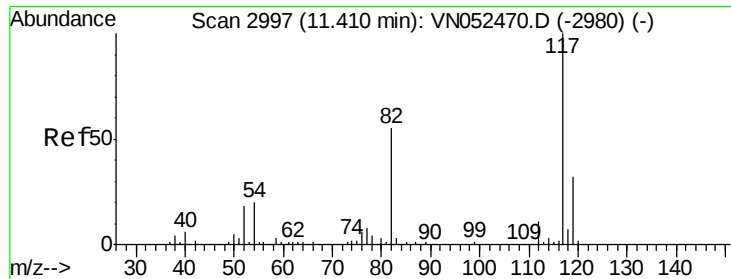


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





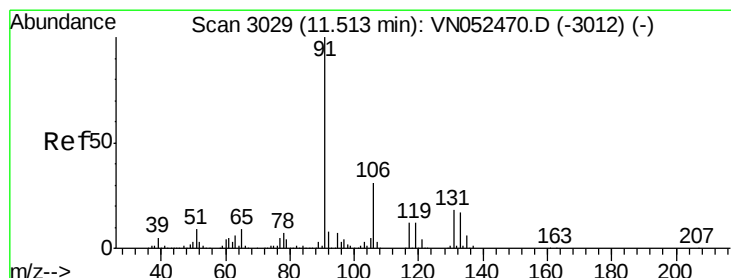
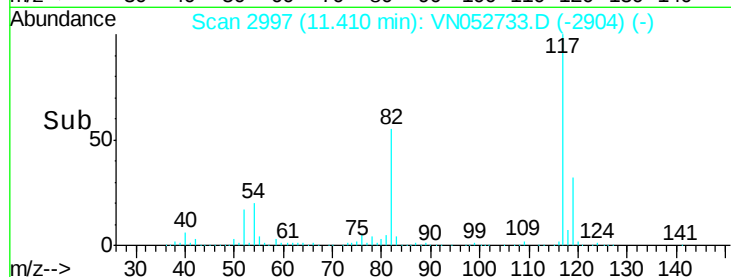
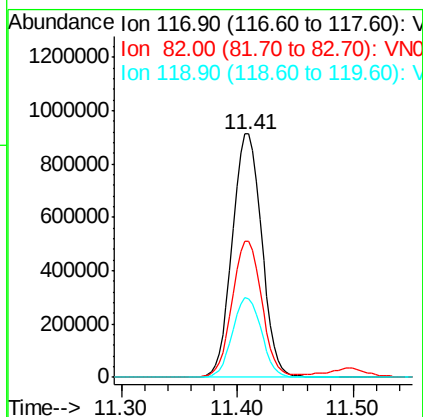
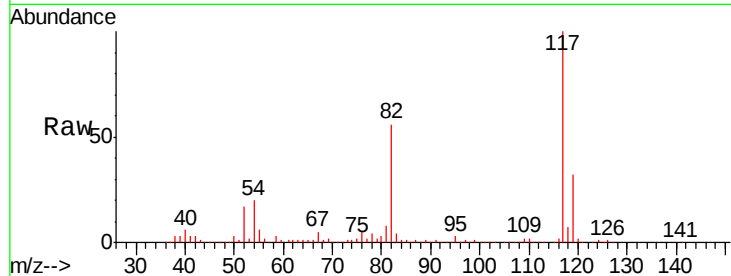
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion: 117 Resp: 1606047
Ion Ratio Lower Upper
117 100
82 55.5 43.6 65.4
119 32.3 25.4 38.2

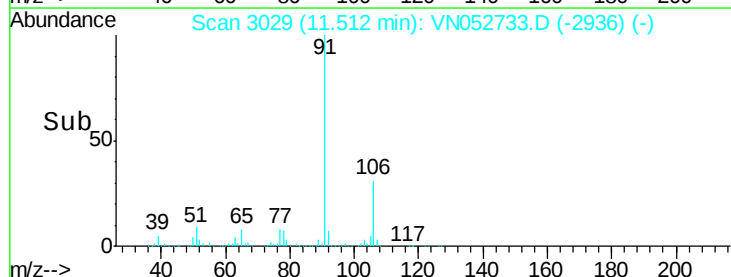
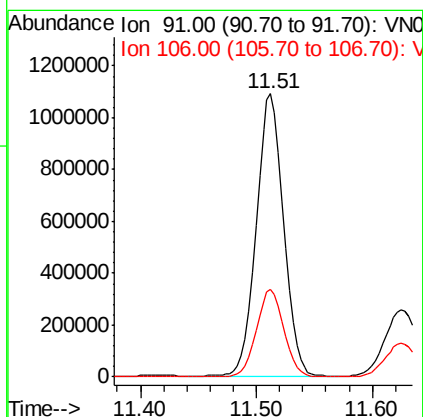
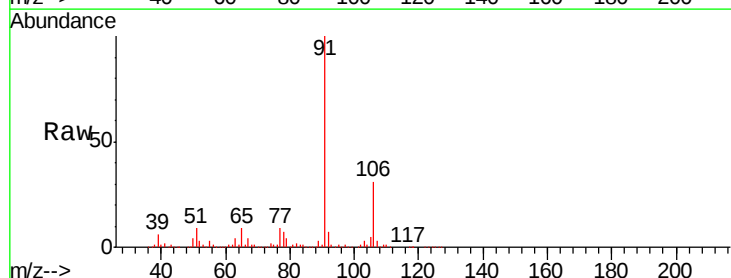
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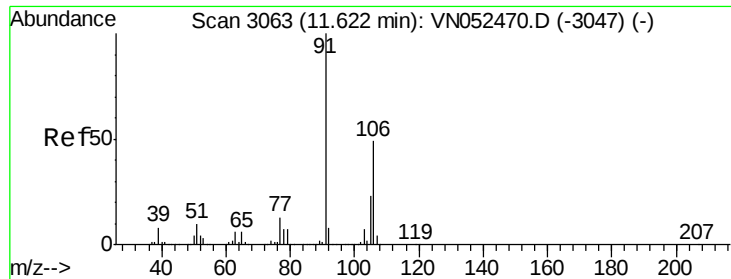
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#67
Ethyl Benzene
Concen: 30.945 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Tgt Ion: 91 Resp: 1794572
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





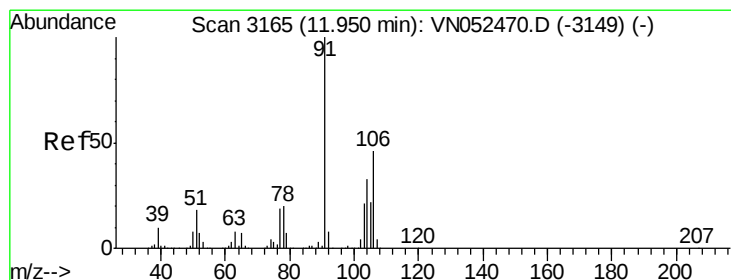
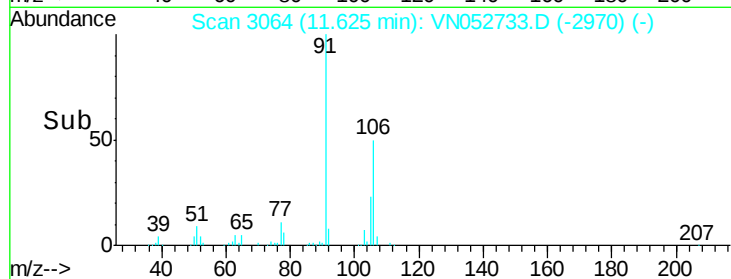
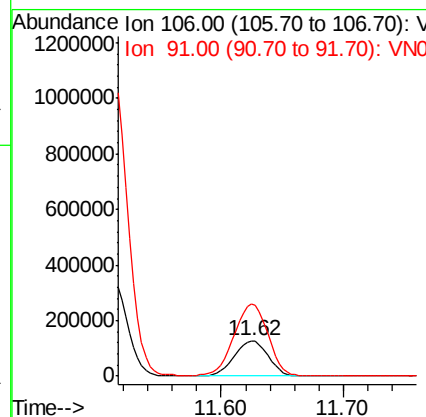
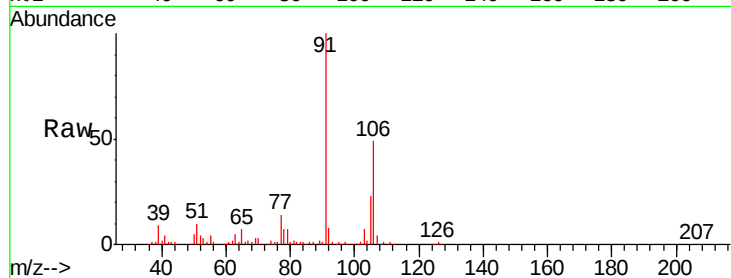
#68
m/p-Xylenes
Concen: 11.409 ug/l
RT: 11.62 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tgt Ion:106 Resp: 246306
Ion Ratio Lower Upper
106 100
91 202.2 163.2 244.8

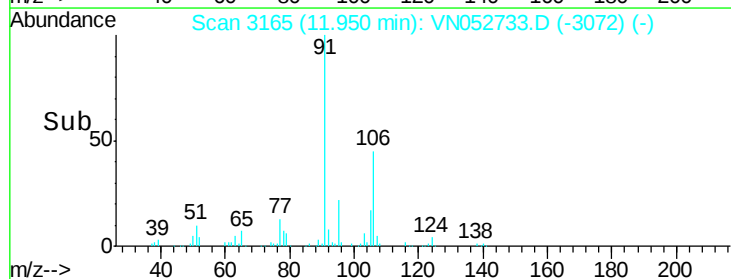
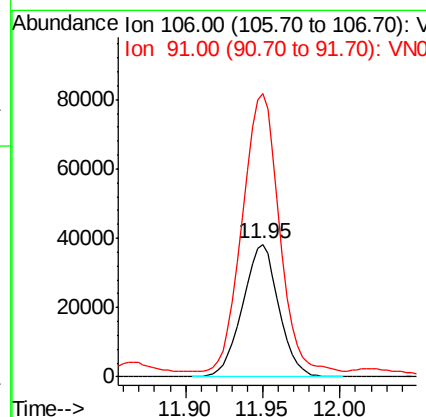
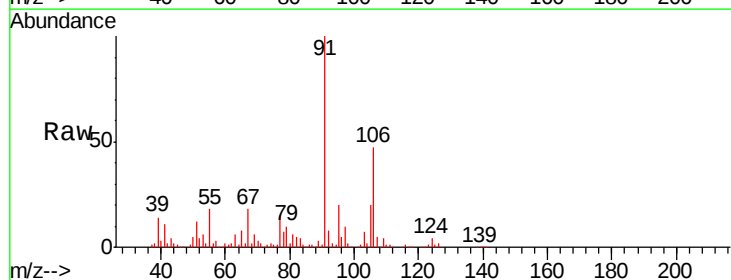
Manual Integrations
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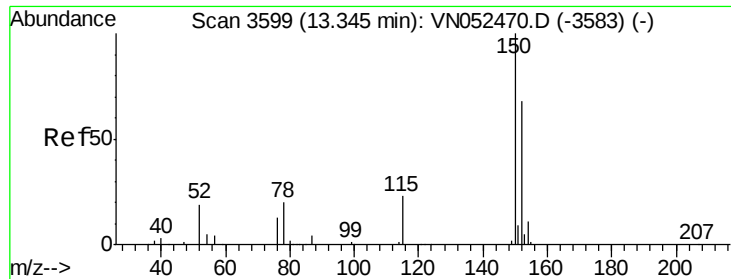
MMDadoda
12/10/2018 12:51:13 PM



#69
o-Xylene
Concen: 2.965 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Tgt Ion:106 Resp: 62171
Ion Ratio Lower Upper
106 100
91 214.1 107.7 323.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052733.D

Acq: 7 Dec 2018 18:04

Instrument :

MSVOA_N

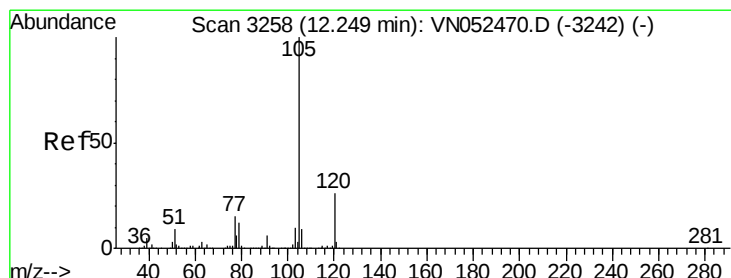
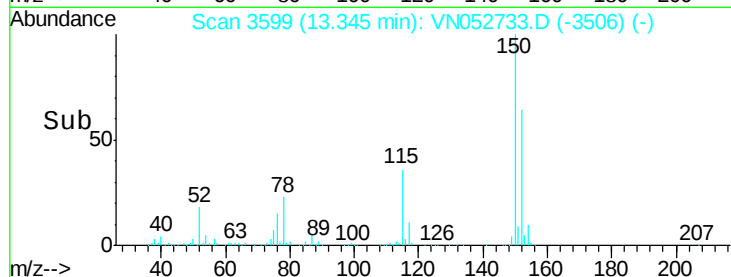
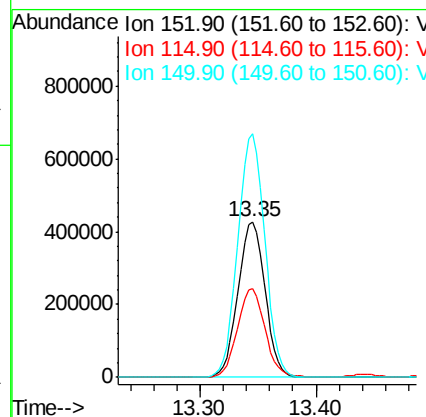
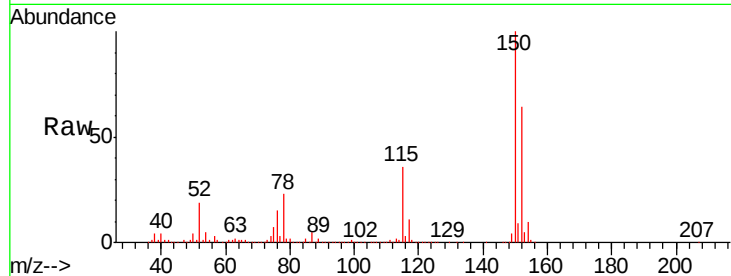
ClientSampled :

MW-3

Tgt	Ion	152	Resp:	688464
Ion	Ratio	Lower	Upper	
152	100			
115	57.4	28.4	85.2	
150	156.5	0.0	346.0	

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#73

Isopropylbenzene

Concen: 77.074 ug/l

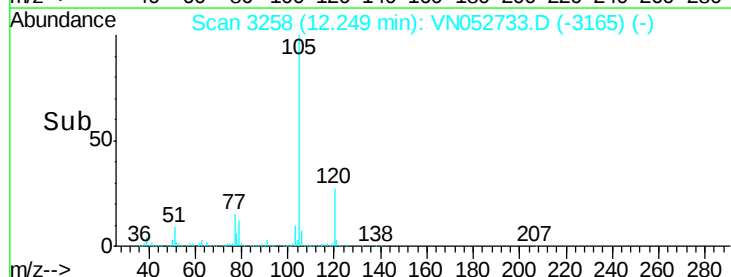
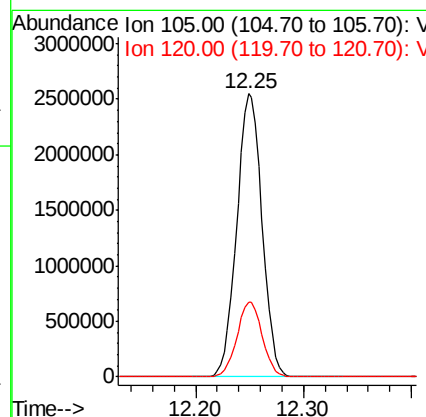
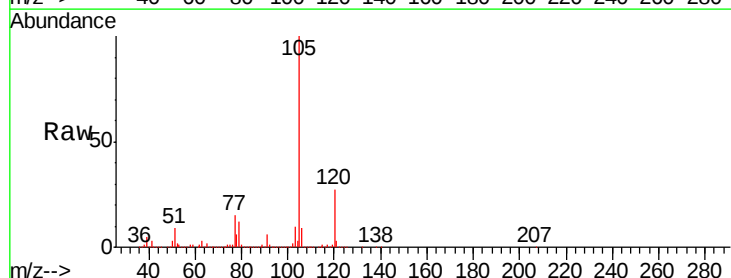
RT: 12.25 min Scan# 3258

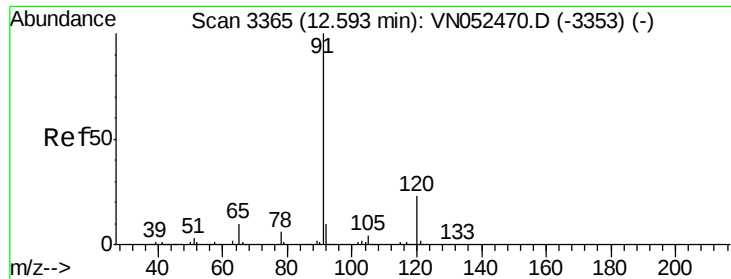
Delta R.T. -0.00 min

Lab File: VN052733.D

Acq: 7 Dec 2018 18:04

Tgt	Ion	105	Resp:	4163103
Ion	Ratio	Lower	Upper	
105	100			
120	26.5	13.1	39.3	





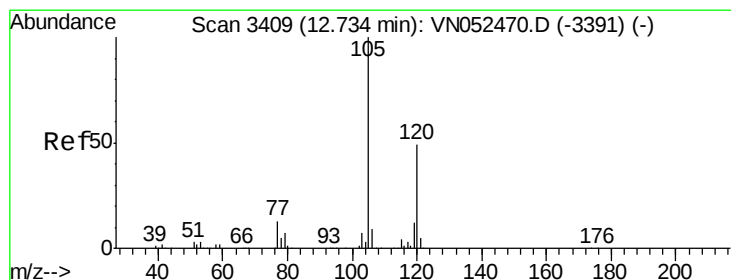
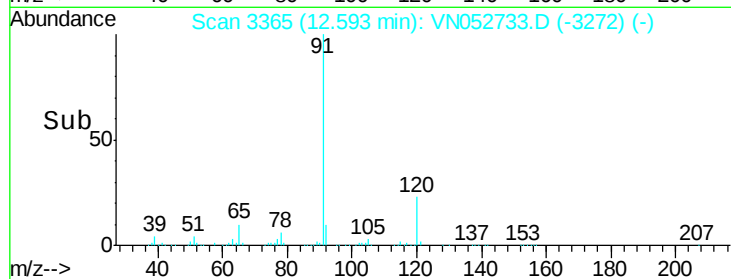
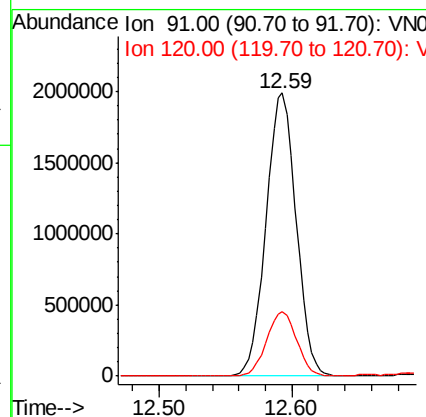
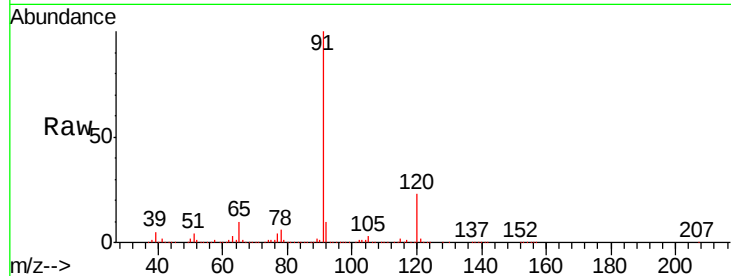
#78
n-propylbenzene
Concen: 51.044 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tgt Ion: 91 Resp: 3132174
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

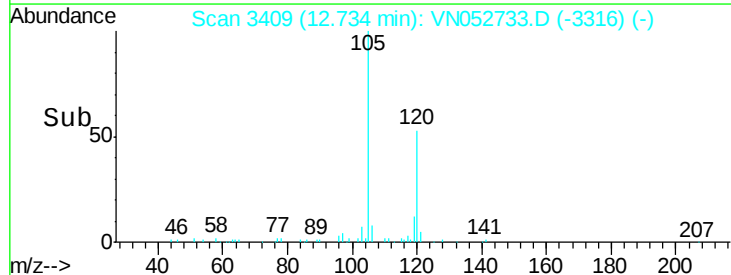
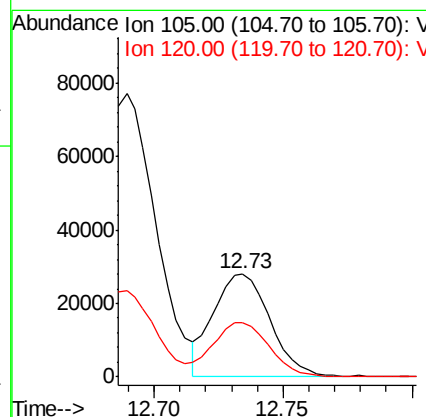
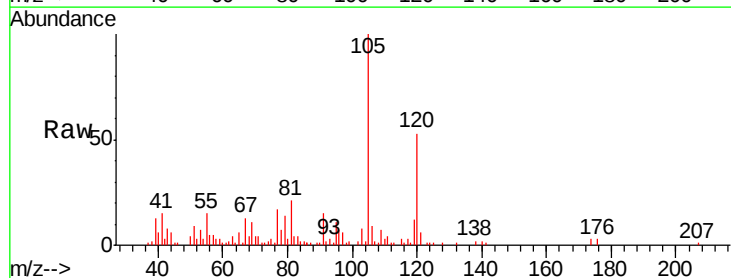
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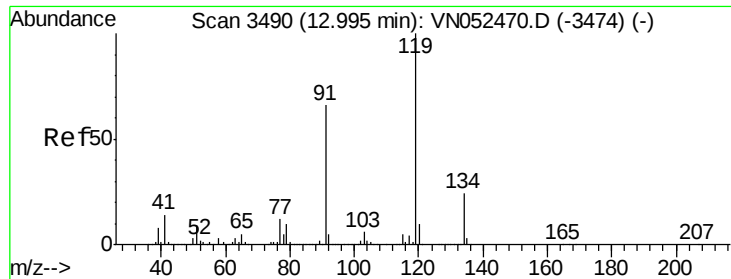
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#80
1,3,5-Trimethylbenzene
Concen: 0.977 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN052733.D
Acq: 7 Dec 2018 18:04

Tgt Ion: 105 Resp: 42106
Ion Ratio Lower Upper
105 100
120 53.4 24.3 73.0





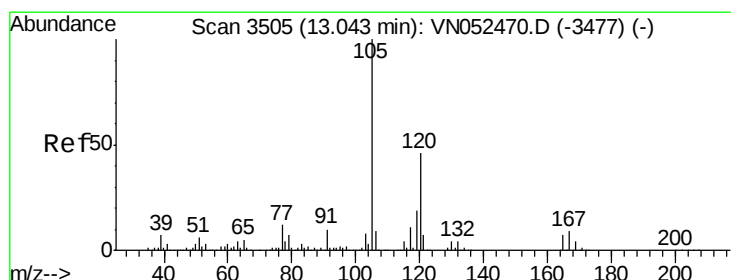
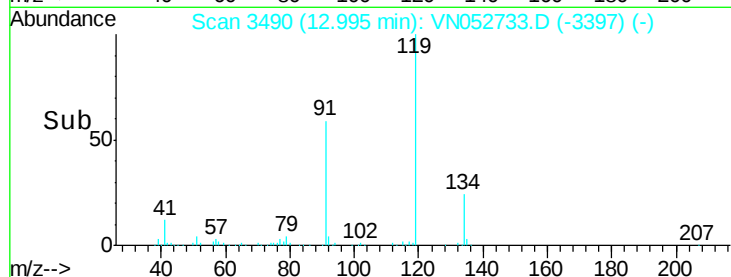
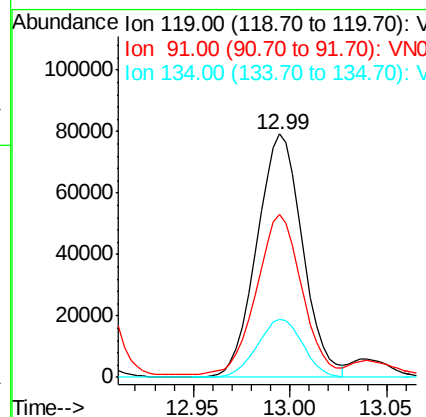
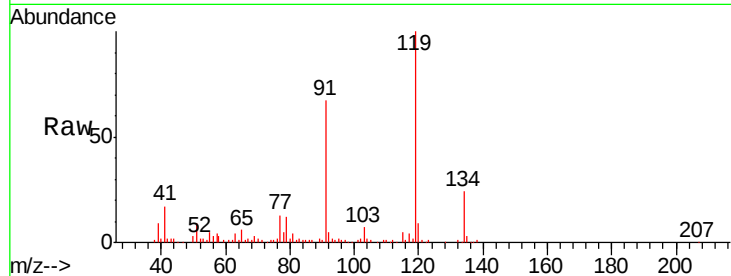
#83
 tert-Butylbenzene
 Concen: 3.401 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052733.D
 Acq: 7 Dec 2018 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	130630		
91	64.6	32.3	96.9	
134	23.7	13.0	38.9	

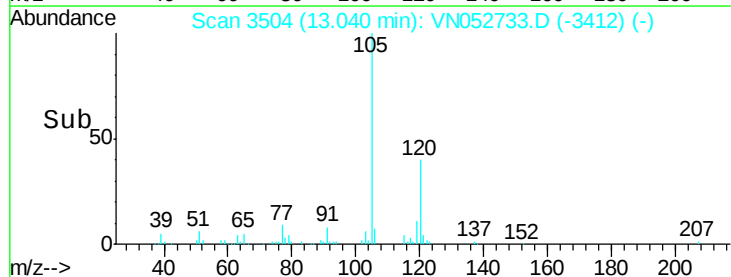
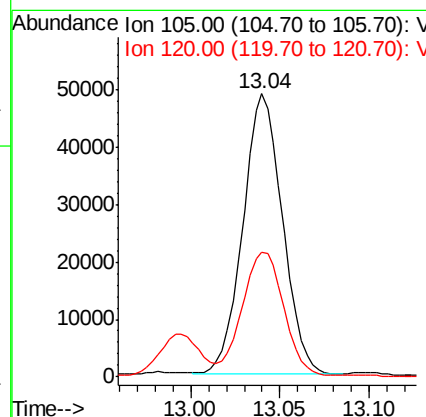
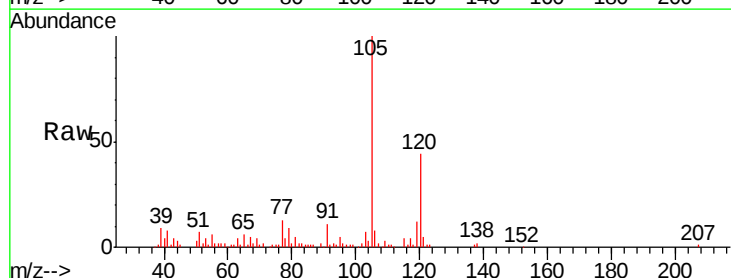
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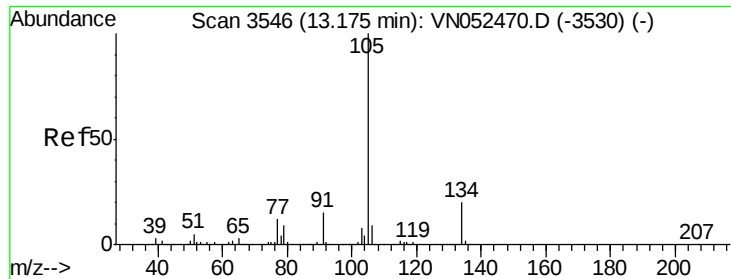
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#84
 1,2,4-Trimethylbenzene
 Concen: 1.757 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052733.D
 Acq: 7 Dec 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	75847		
120	46.0	22.8	68.4	





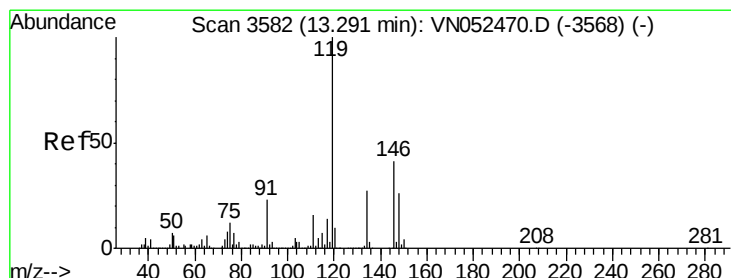
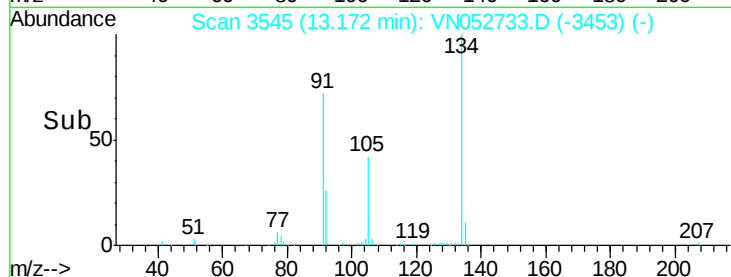
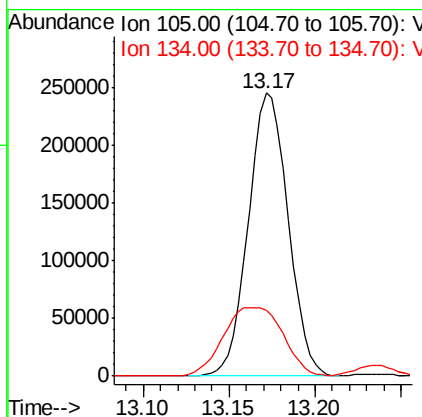
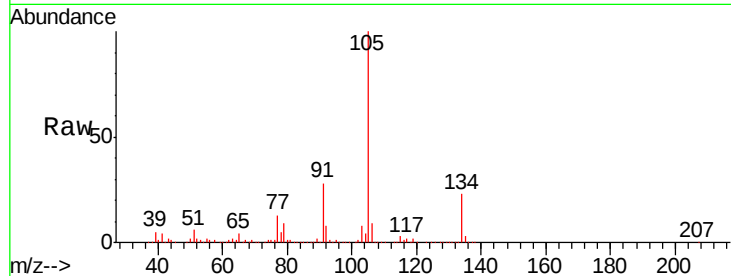
#85
 sec-Butylbenzene
 Concen: 7.498 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052733.D
 Acq: 7 Dec 2018 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	392215		
134	36.7	9.9	29.7#	

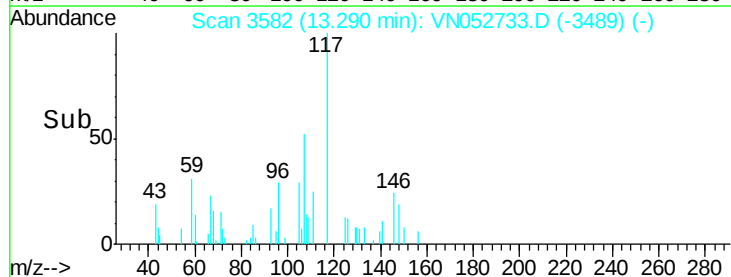
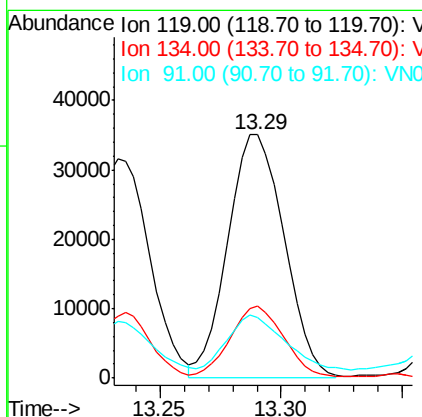
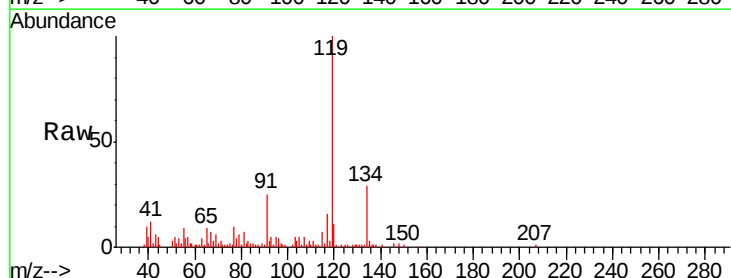
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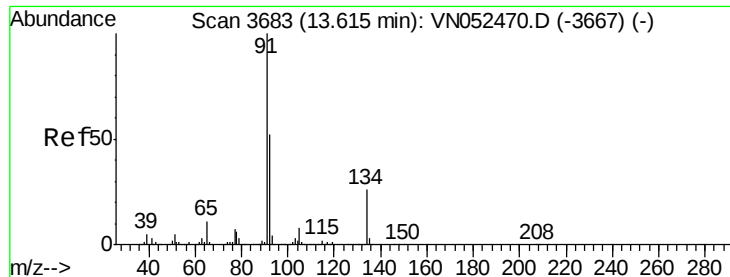
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#86
 p-Isopropyltoluene
 Concen: 1.277 ug/l m
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN052733.D
 Acq: 7 Dec 2018 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	56893		
134	82.3	13.4	40.2#	
91	67.4	11.4	34.2#	





#89

n-Butylbenzene

Concen: 12.315 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052733.D

Acq: 7 Dec 2018 18:04

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tgt Ion: 91 Resp: 456311

Ion Ratio Lower Upper

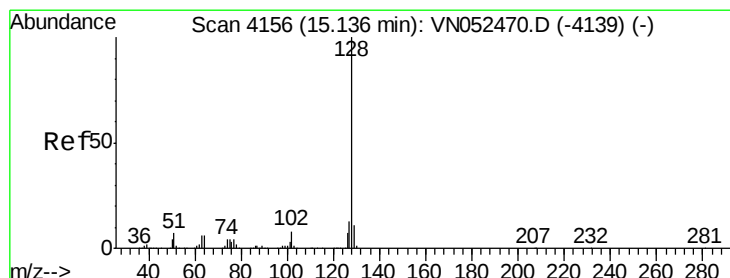
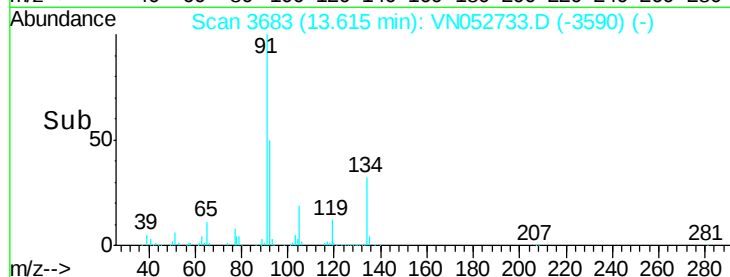
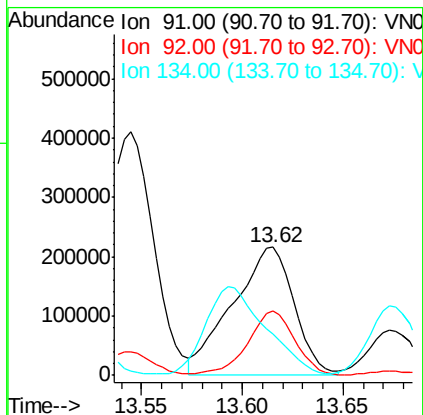
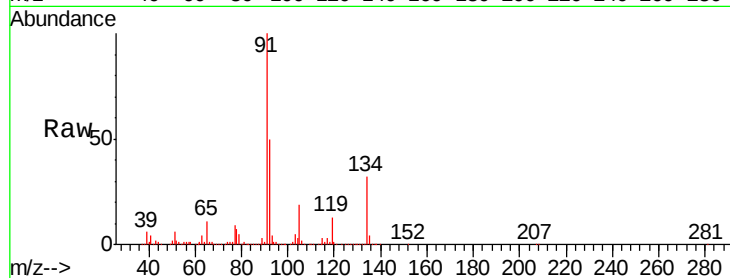
91 100

92 38.8 26.1 78.3

134 0.0 13.0 38.9#

Manual Integrations
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#95

Naphthalene

Concen: 6.333 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052733.D

Acq: 7 Dec 2018 18:04

Tgt Ion: 128 Resp: 80838

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.2

129 10.8 8.7 13.1

