

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063749.D
 Acq On : 30 Sep 2020 15:08
 Operator : JC/MD
 Sample : L4129-16
 Misc : 5.90uL/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-1

Manual Integrations
 APPROVED

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 10/1/2020 2:40:31 PM

Quant Time: Oct 01 02:38:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	196604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	353086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	355534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	156234	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.54	113	113739	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
50) Toluene-d8	10.06	98	453122	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.38	95	183791	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
Target Compounds						
					Qvalue	
16) Acetone	3.79	43	4565	4.566	ug/l	93
17) Carbon Disulfide	3.98	76	8774	2.317	ug/l	98
18) Methyl Acetate	4.28	43	36098	13.905	ug/l	100
20) Methylene Chloride	4.49	84	8384m	3.752	ug/l	
39) Methylcyclohexane	9.04	83	16043	4.497	ug/l	96
40) Benzene	8.00	78	104184	10.197	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	4685	1.362	ug/l	98
52) Toluene	10.12	92	122780	19.428	ug/l	96
67) Ethyl Benzene	11.49	91	60188	4.535	ug/l	98
68) m/p-Xylenes	11.59	106	110768	22.395	ug/l	99
69) o-Xylene	11.92	106	54958	11.888	ug/l	99
70) Styrene	11.94	104	14275	1.819	ug/l #	38
78) n-propylbenzene	12.57	91	23619	1.693	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	64903	6.455	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	133603	13.308	ug/l	99
89) n-Butylbenzene	13.59	91	9803	1.111	ug/l #	74
95) Naphthalene	15.10	128	966876	106.775	ug/l	100

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

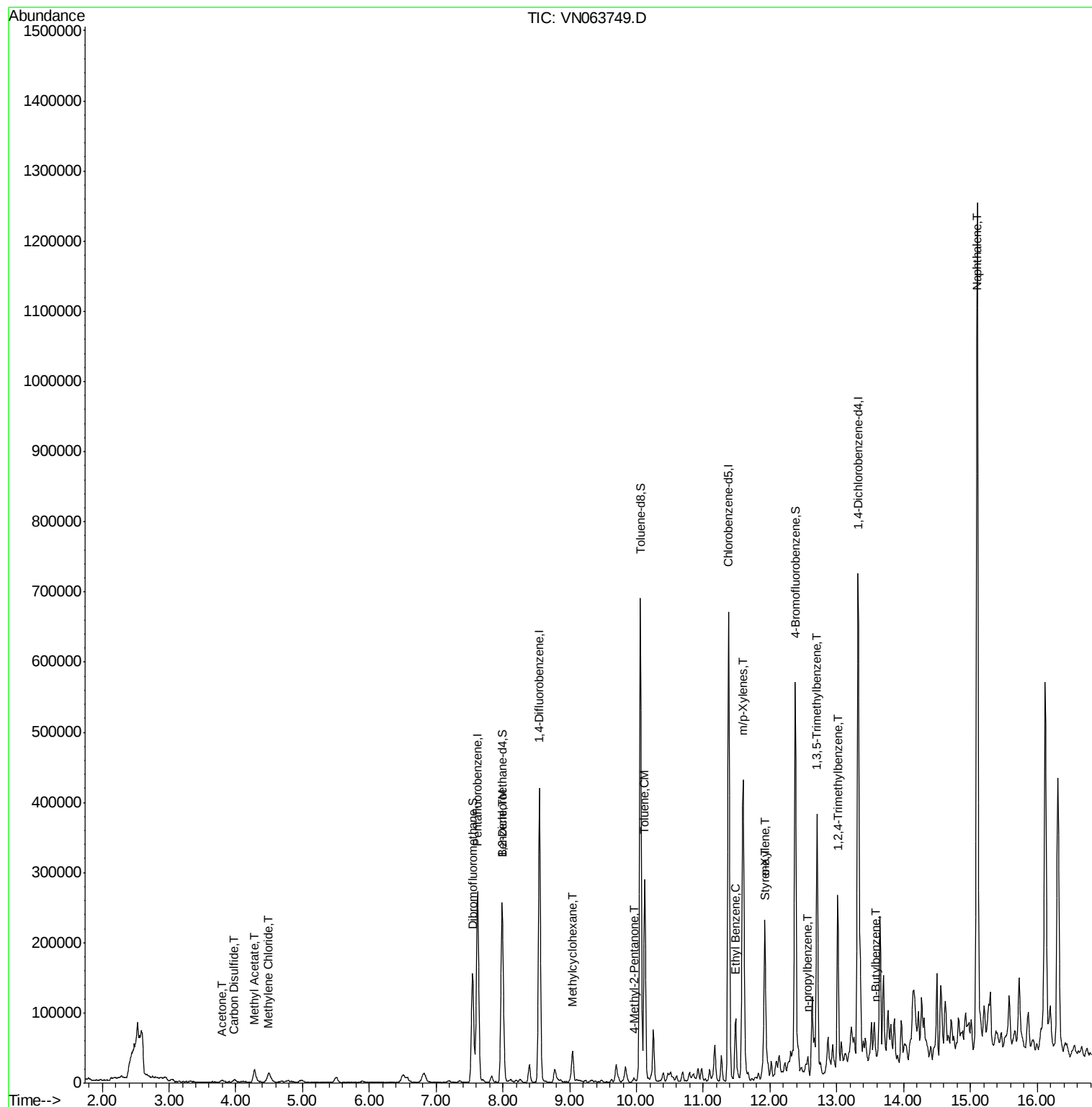
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093020\
Data File : VN063749.D
Acq On : 30 Sep 2020 15:08
Operator : JC/MD
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Instrument :
MSVOA_N
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DRUM-COMP-1

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Quant Time: Oct 01 02:38:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampled :

DRUM-COMP-1

Tot Ion:168 Resp: 196604

Ion Ratio Lower Upper

168 100

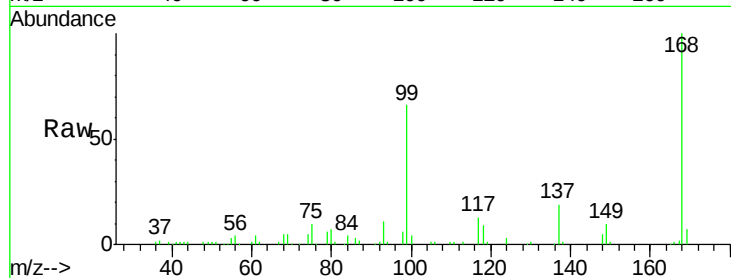
99 66.2 51.8 77.6

Manual Integrations

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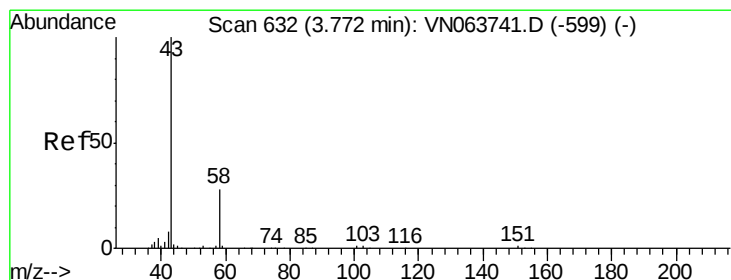
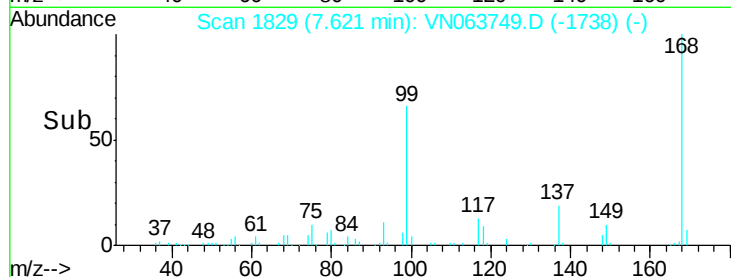
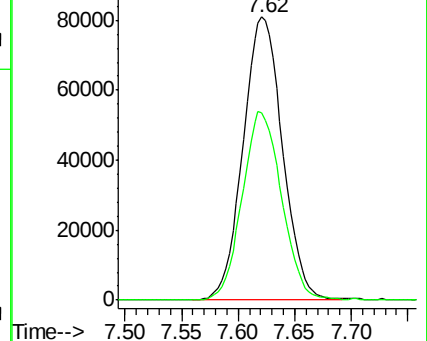
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 4.566 ug/l

RT: 3.79 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN063749.D

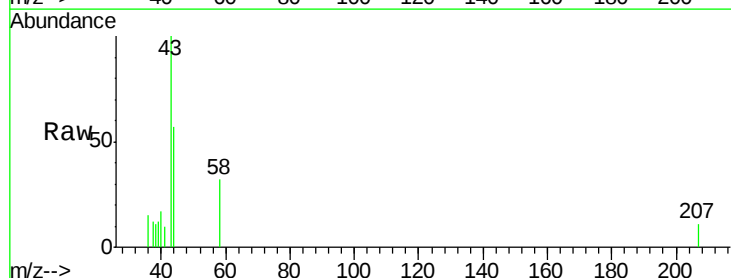
Acq: 30 Sep 2020 15:08

Tgt Ion: 43 Resp: 4565

Ion Ratio Lower Upper

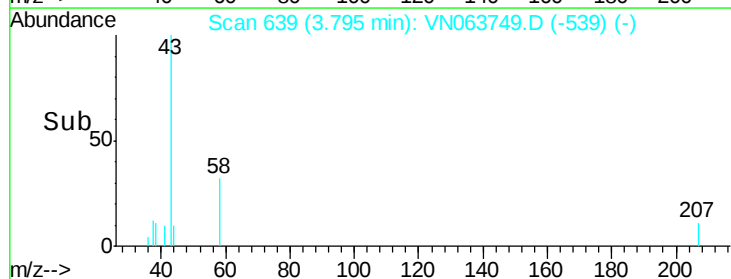
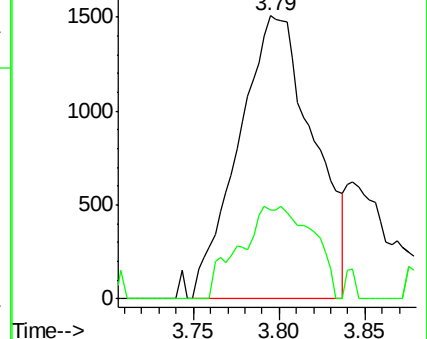
43 100

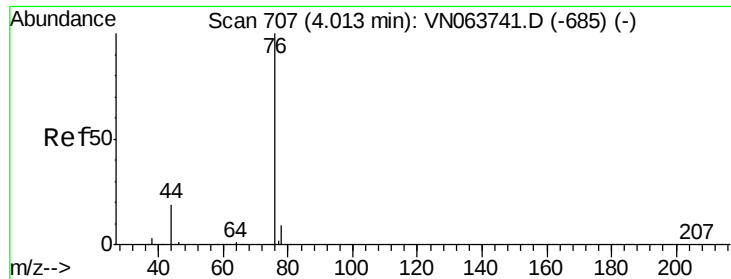
58 31.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#17

Carbon Disulfide

Concen: 2.317 ug/l

RT: 3.98 min Scan# 697

Delta R.T. -0.03 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

Tot Ion: 76 Resp: 8774

Ion Ratio Lower Upper

76 100

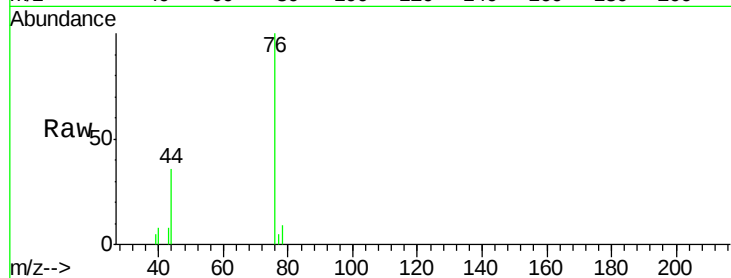
78 9.5 7.0 10.4

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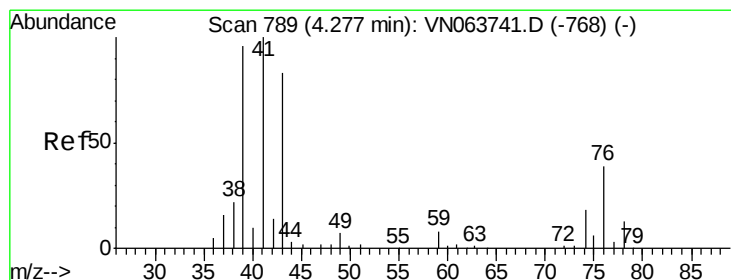
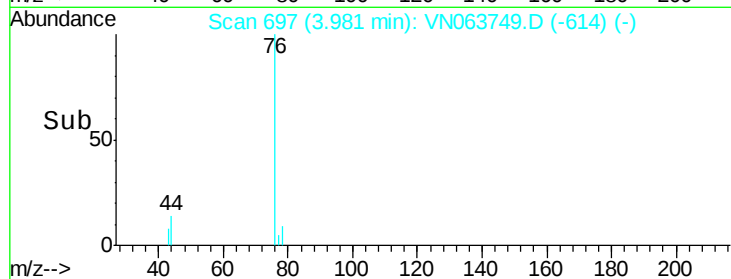
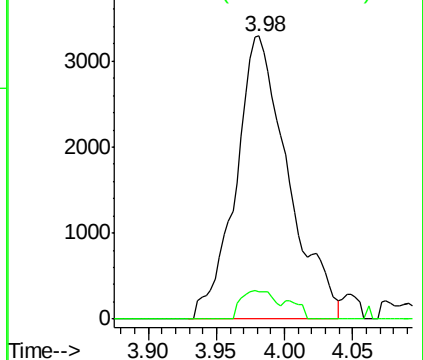
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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 13.905 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063749.D

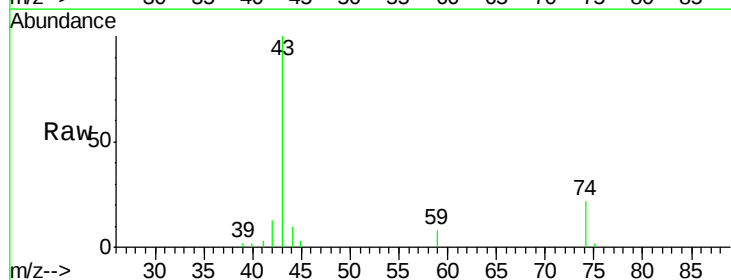
Acq: 30 Sep 2020 15:08

Tgt Ion: 43 Resp: 36098

Ion Ratio Lower Upper

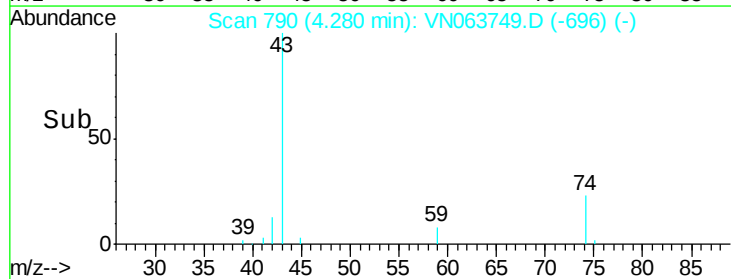
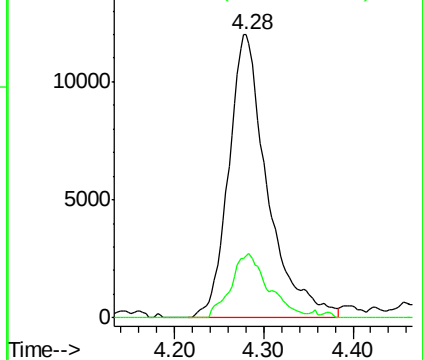
43 100

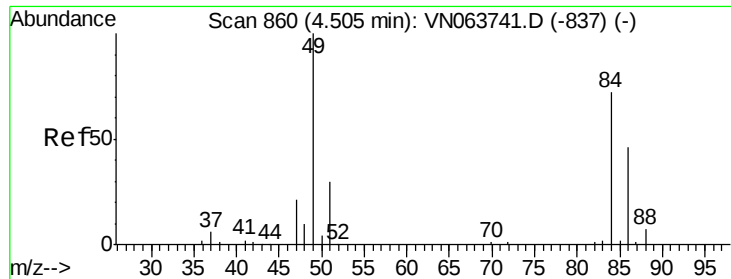
74 21.9 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





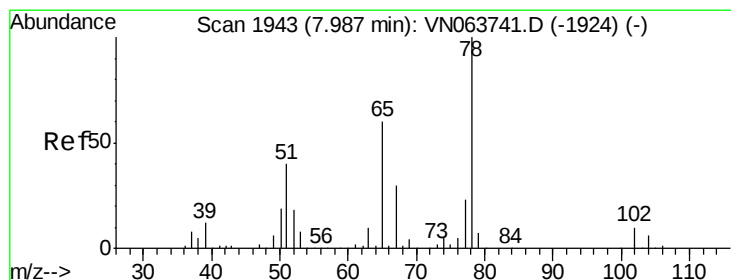
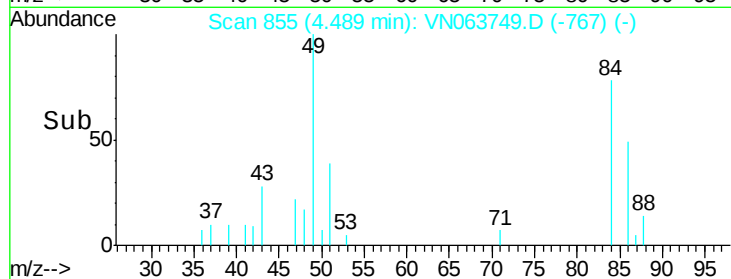
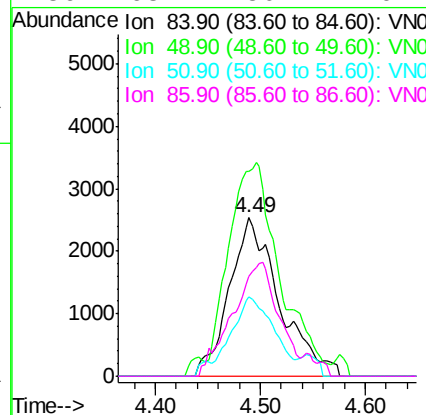
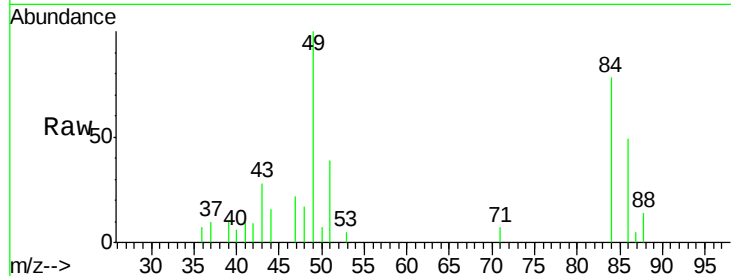
#20
Methvlene Chloride
Concen: 3.752 ug/l m
RT: 4.49 min Scan# 855
Delta R.T. -0.02 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-1

Tot Ion	Ratio	Lower	Upper
84	100		
49	128.9	110.4	165.6
51	50.1	33.3	49.9
86	63.1	50.7	76.1

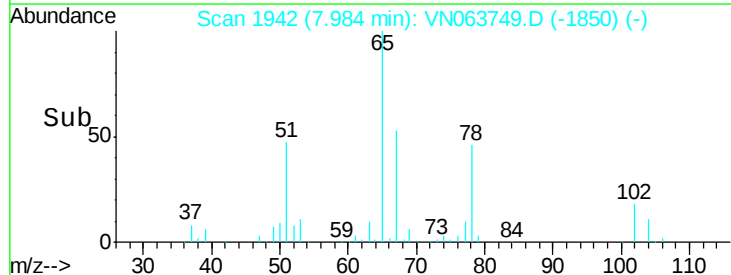
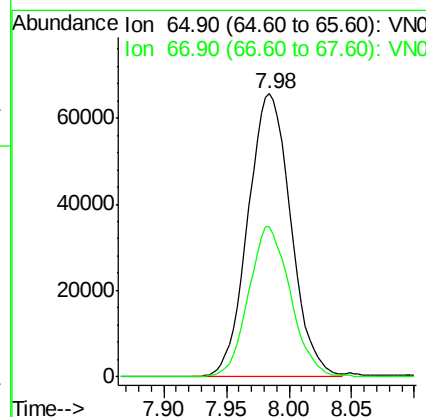
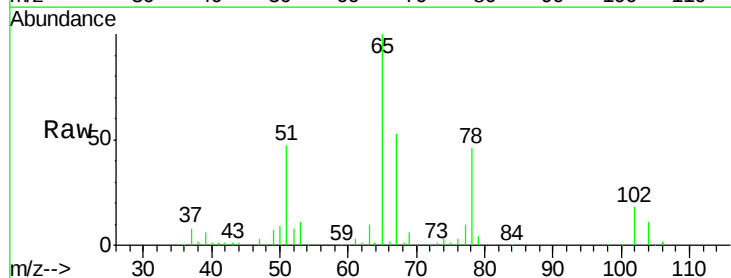
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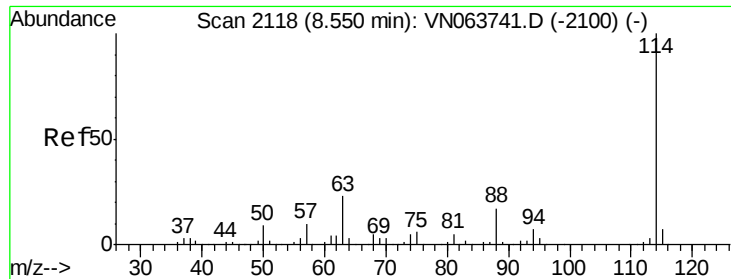
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#33
1,2-Dichloroethane-d4
Concen: 48.101 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	99.6





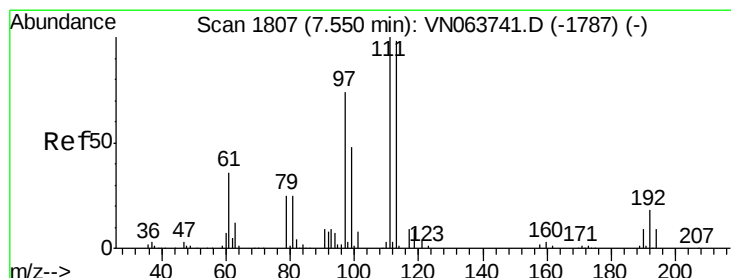
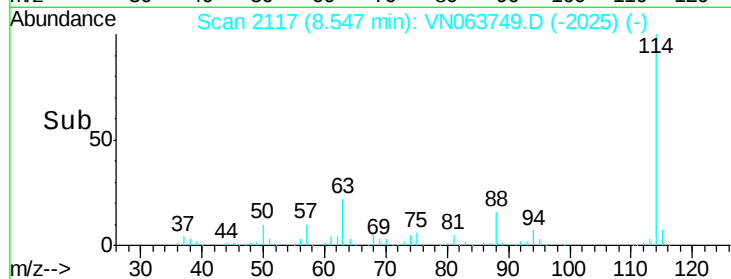
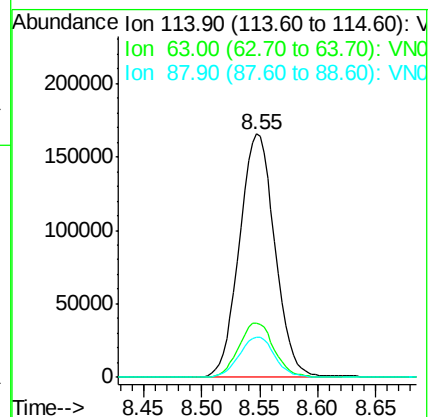
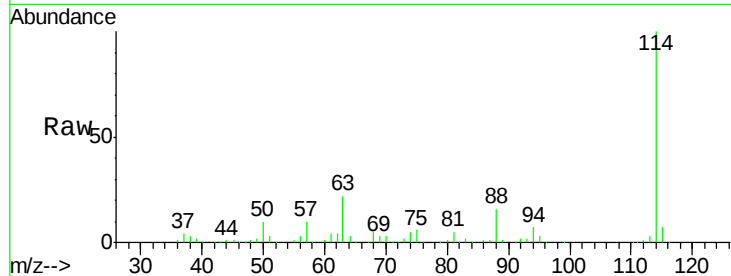
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-1

Tot Ion	Ratio	Resp	Lower	Upper
114	100	353086		
63	22.2	0.0	45.0	
88	16.4	0.0	34.0	

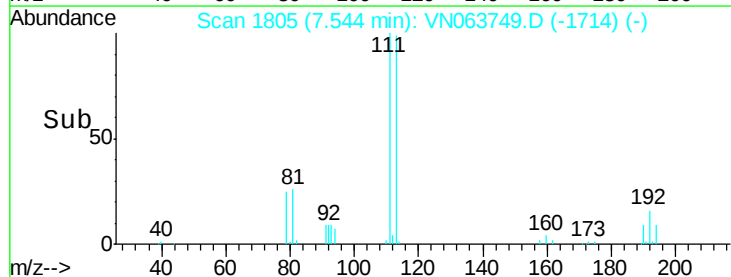
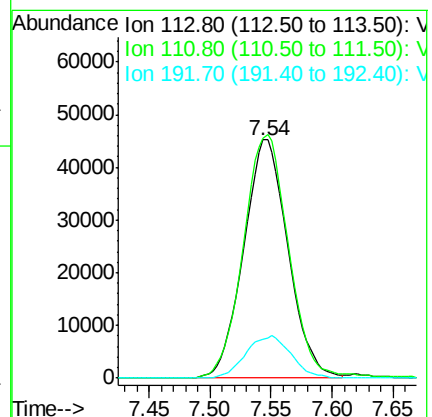
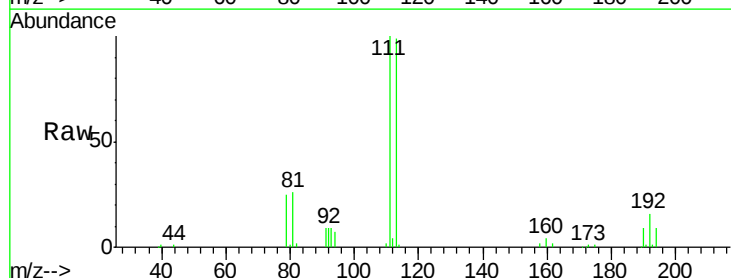
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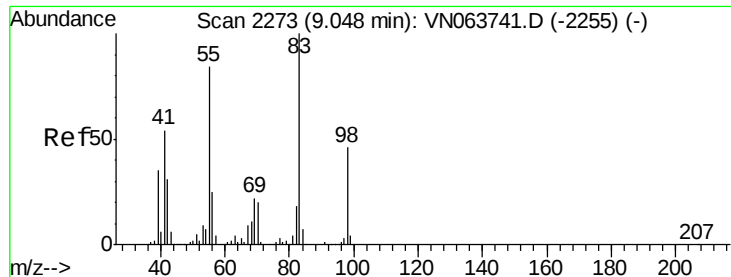
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#35
Dibromofluoromethane
Concen: 46.424 ug/l
RT: 7.54 min Scan# 1805
Delta R.T. -0.01 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	113739		
111	103.6	81.8	122.8	
192	18.0	14.2	21.2	





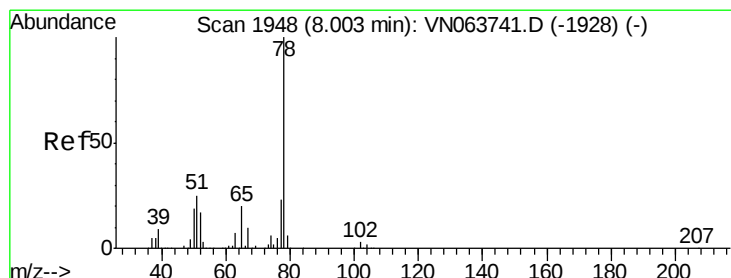
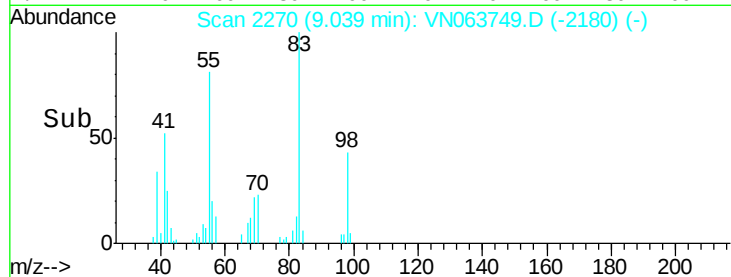
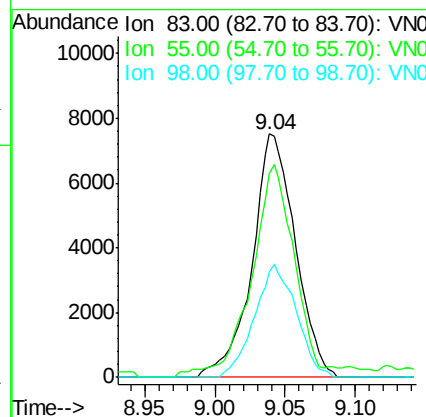
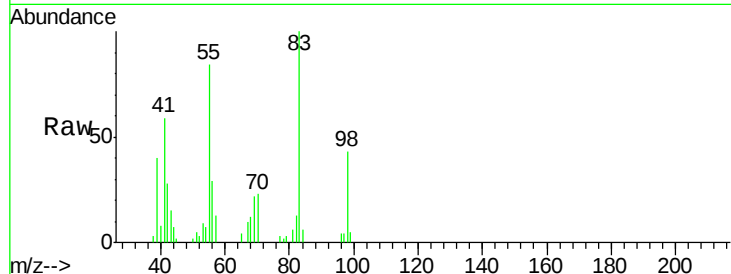
#39
Methvlcvclohexane
Concen: 4.497 ug/l
RT: 9.04 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-1

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	67.1	100.7
98	43.4	36.6	54.8

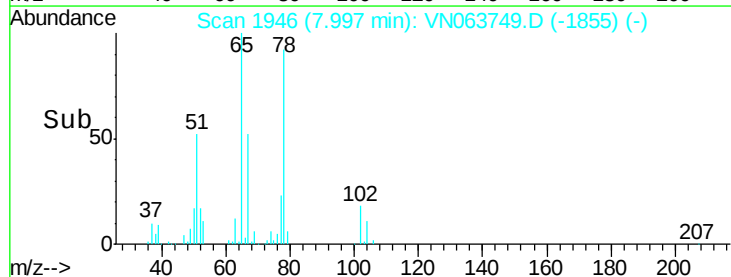
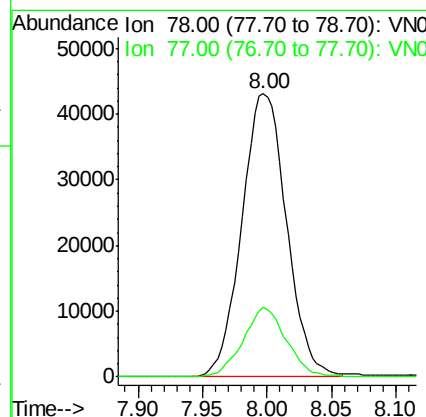
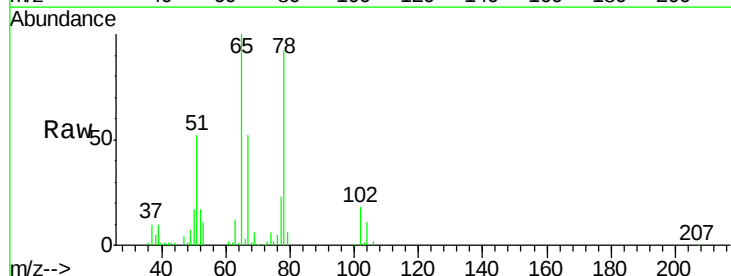
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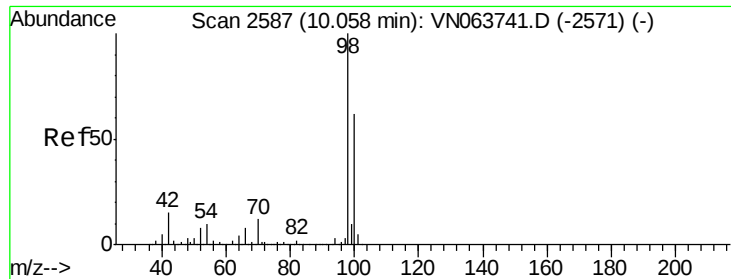
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#40
Benzene
Concen: 10.197 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1





#50

Toluene-d8

Concen: 48.788 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

Tot Ion: 98 Resp: 453122

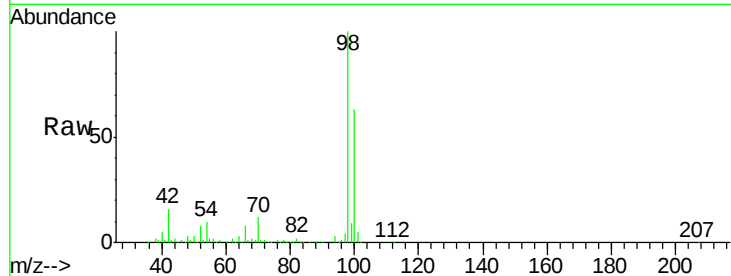
Ion Ratio Lower Upper

98 100

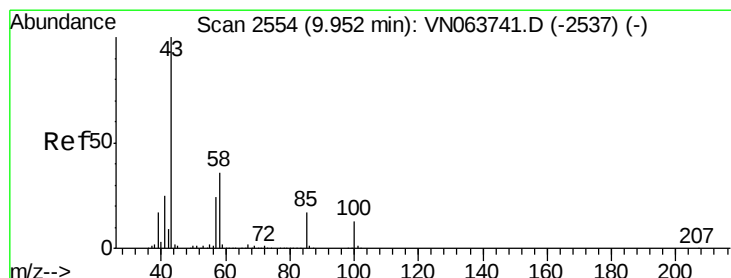
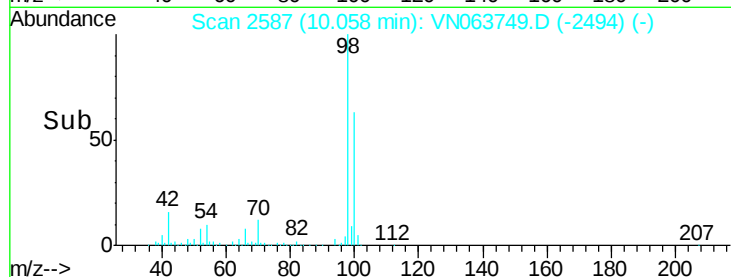
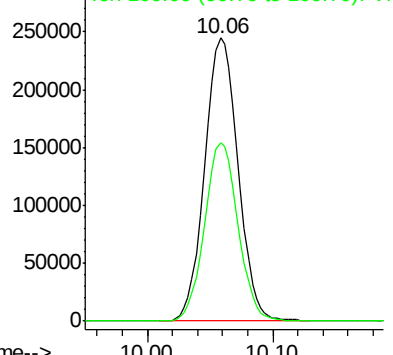
100 63.0 49.8 74.6

Manual Integrations
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Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.362 ug/l

RT: 9.96 min Scan# 2557

Delta R.T. 0.01 min

Lab File: VN063749.D

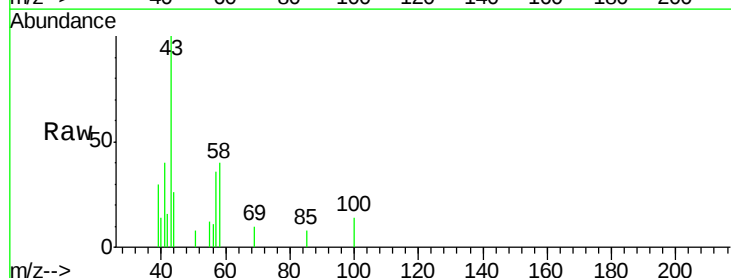
Acq: 30 Sep 2020 15:08

Tgt Ion: 43 Resp: 4685

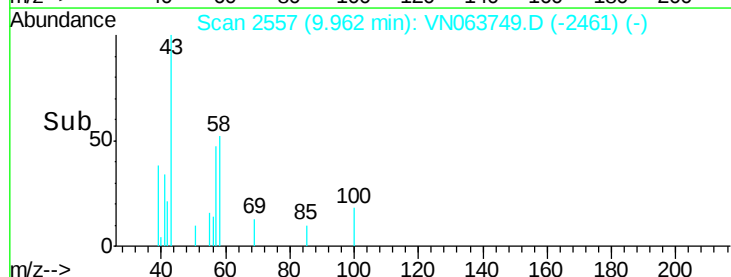
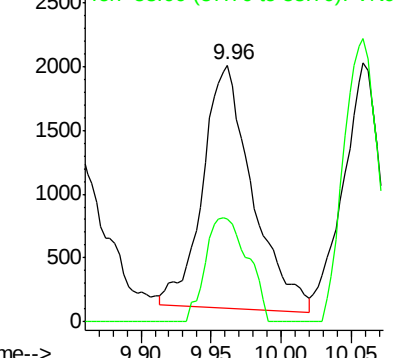
Ion Ratio Lower Upper

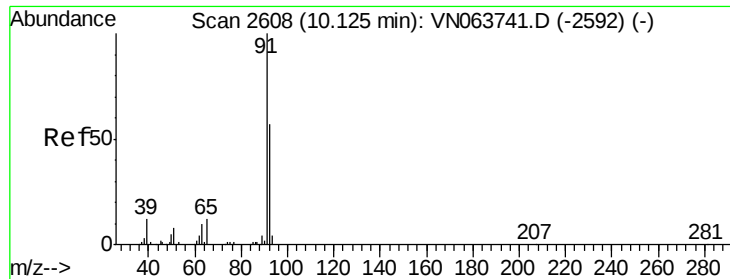
43 100

58 36.4 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)





#52

Toluene

Concen: 19.428 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

Tot Ion: 92 Resp: 122780

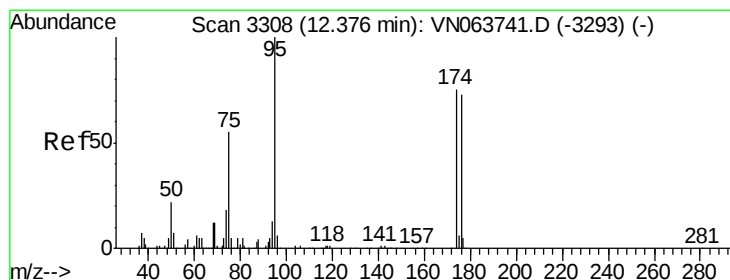
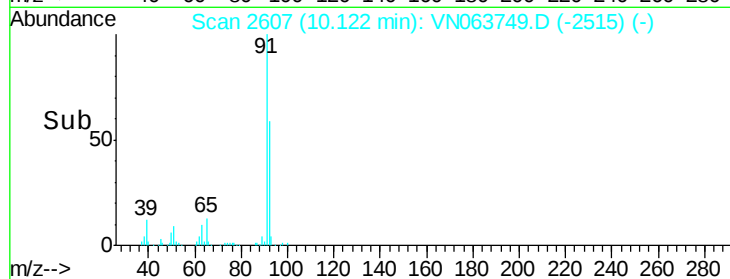
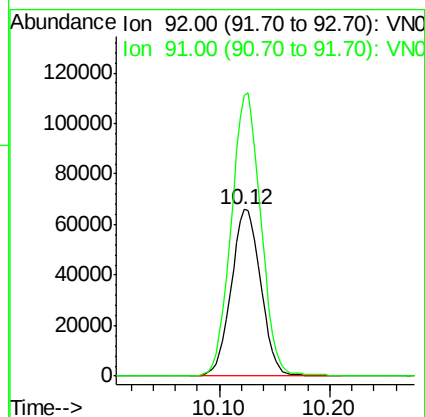
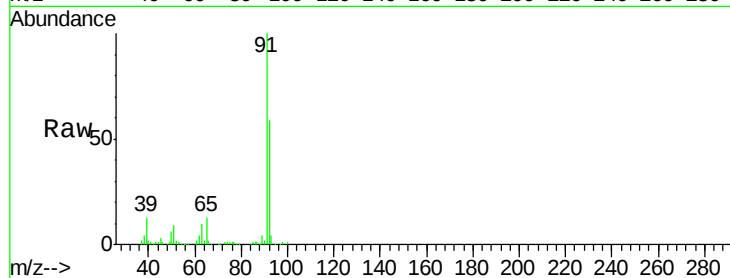
Ion Ratio Lower Upper

92 100

91 170.3 140.6 210.8

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 52.642 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

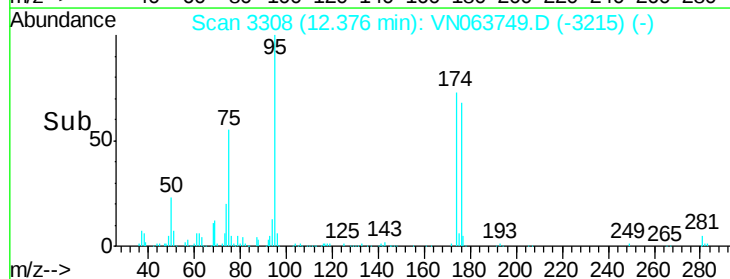
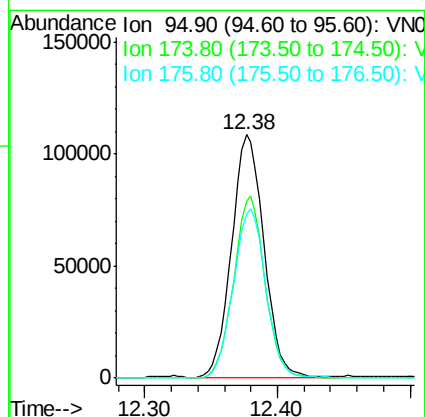
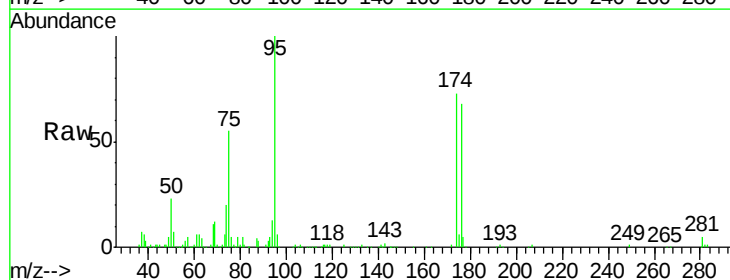
Tgt Ion: 95 Resp: 183791

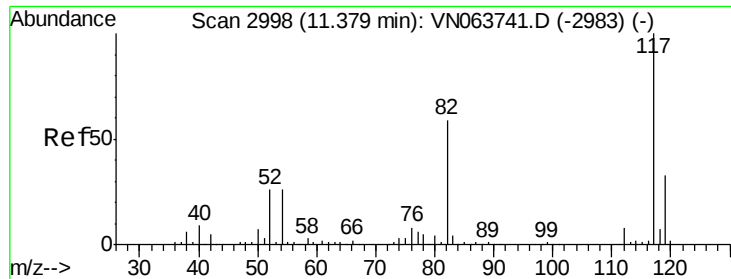
Ion Ratio Lower Upper

95 100

174 72.2 0.0 150.6

176 70.2 0.0 145.4





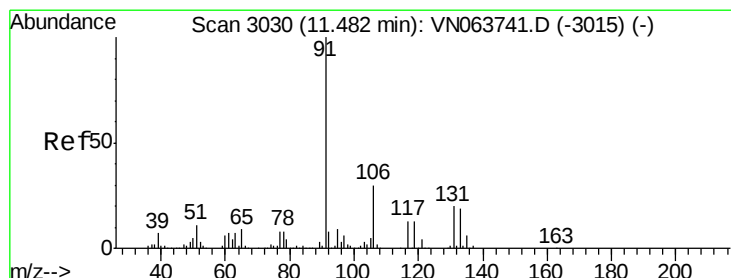
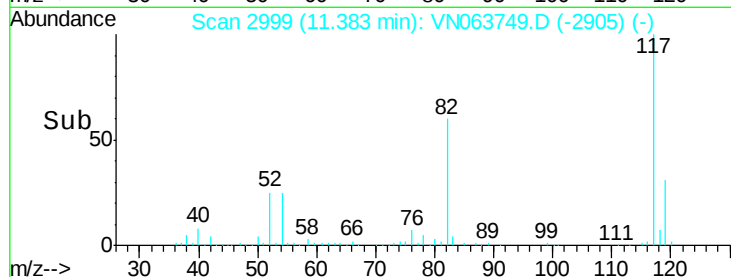
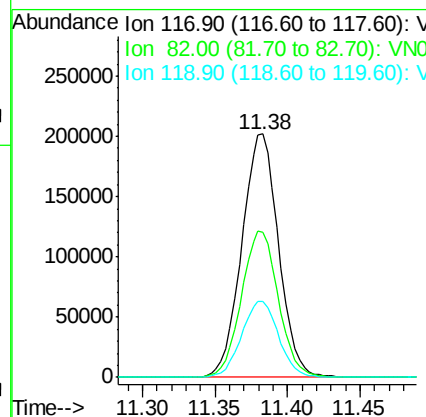
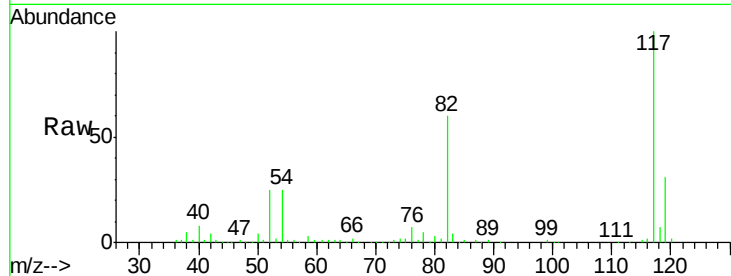
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Instrument :
MSVOA_N
ClientSampled :
DRUM-COMP-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.4	71.2
119	31.1	26.4	39.6

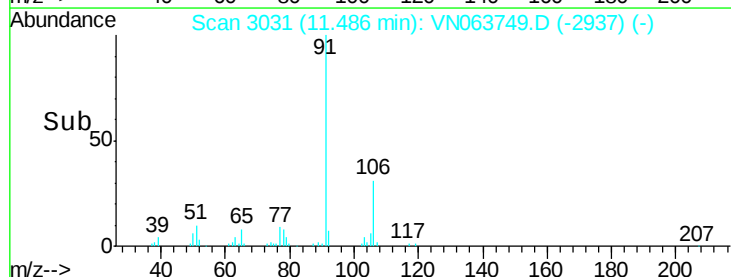
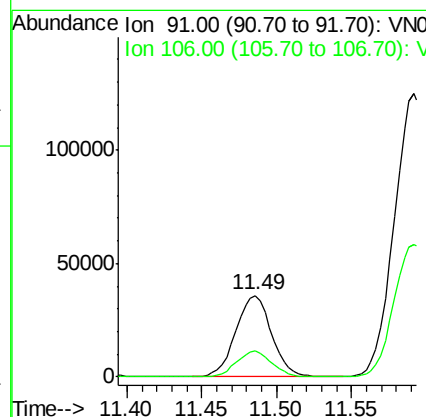
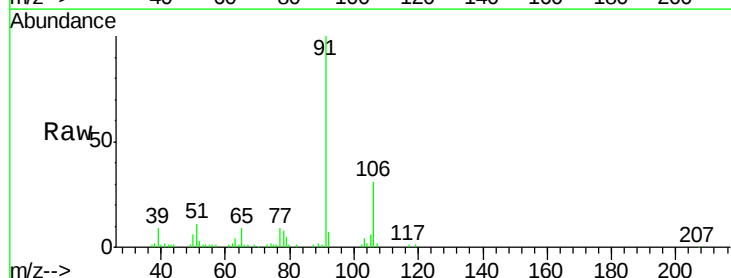
Manual Integrations
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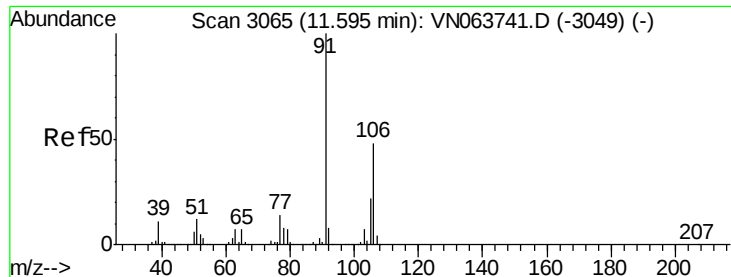
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#67
Ethyl Benzene
Concen: 4.535 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.2	36.2





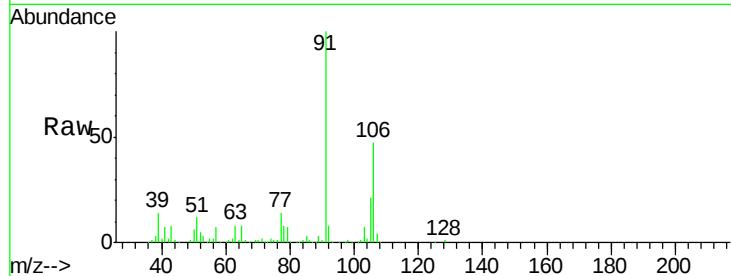
#68
m/p-Xylenes
Concen: 22.395 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-1

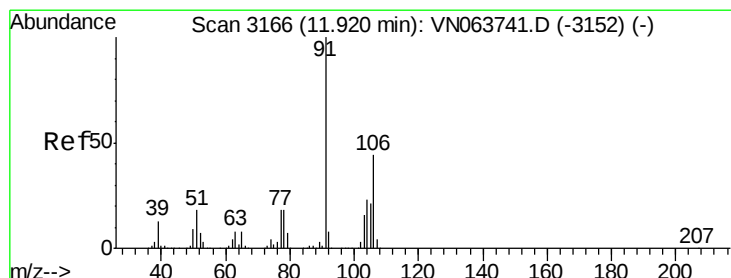
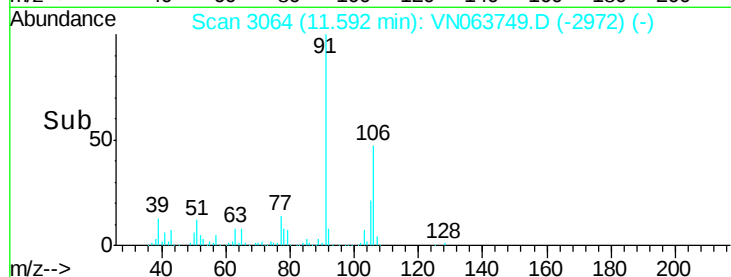
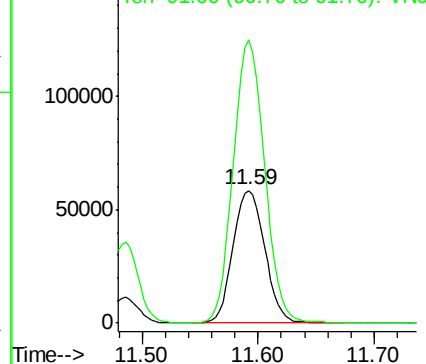
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100			
91	91	211.2	110768	168.0	252.0

Manual Integrations
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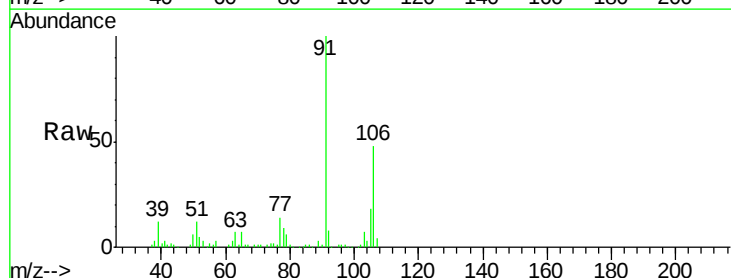


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

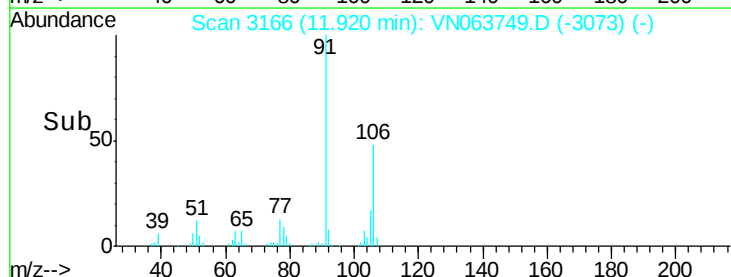
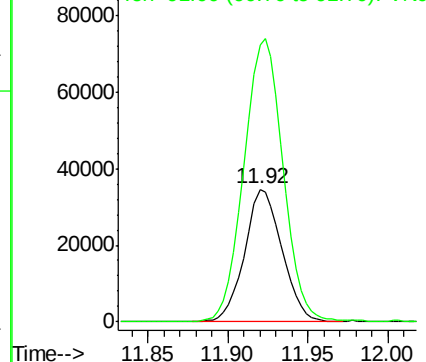


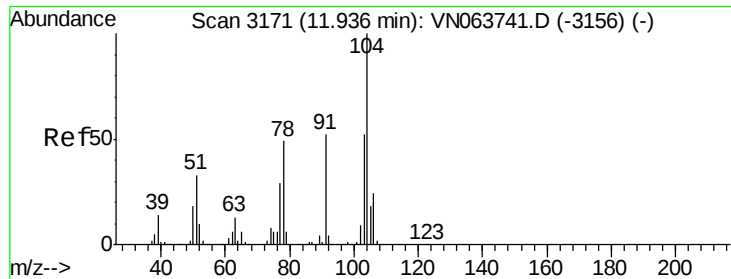
#69
o-Xylene
Concen: 11.888 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	54958		
91	91	223.7		112.7	338.0



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





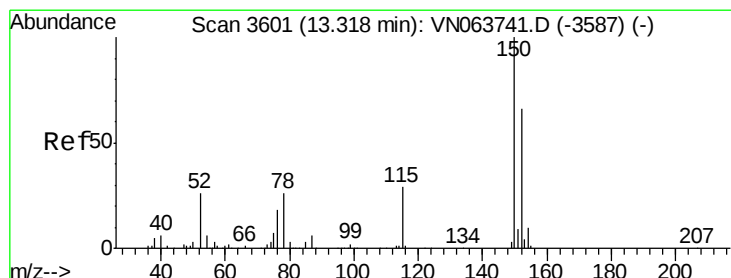
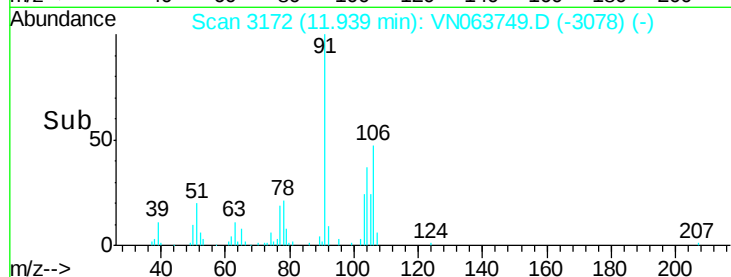
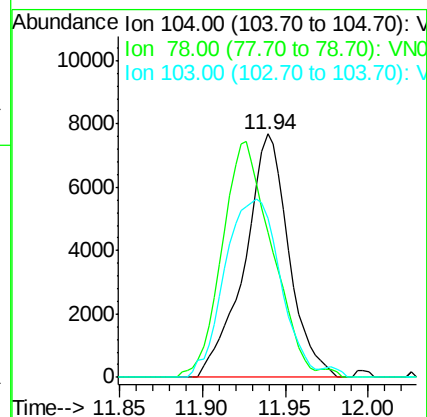
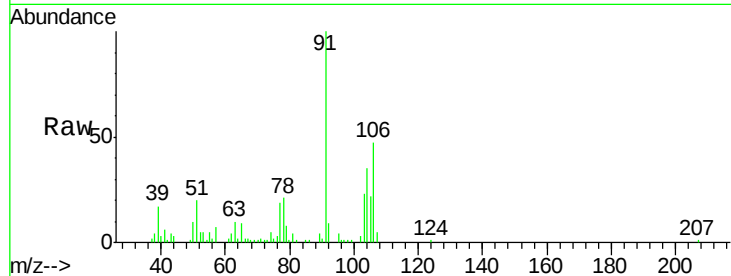
#70
Stvrene
Concen: 1.819 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-1

Tot Ion	Ratio	Lower	Upper
104	100		
78	108.7	44.1	66.1#
103	91.5	44.3	66.5#

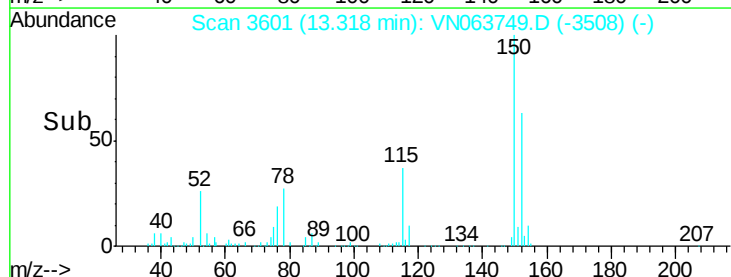
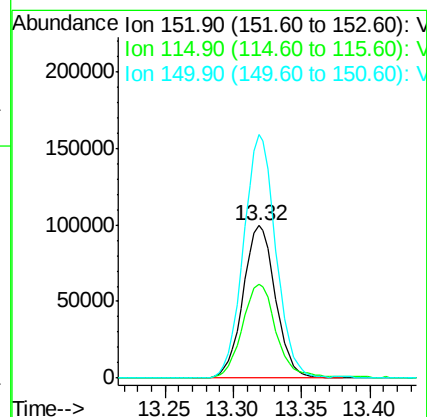
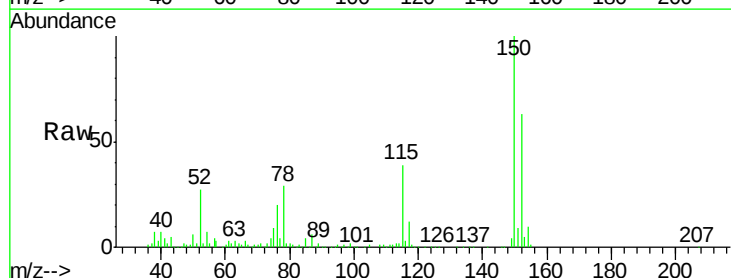
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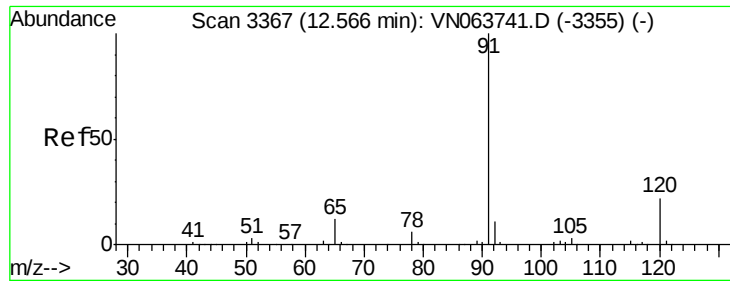
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.3	93.8
150	158.8	0.0	341.8





#78

n-propylbenzene

Concen: 1.693 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063749.D

Acq: 30 Sep 2020 15:08

Instrument :

MSVOA_N

ClientSampleId :

DRUM-COMP-1

Tot Ion: 91 Resp: 23619

Ion Ratio Lower Upper

91 100

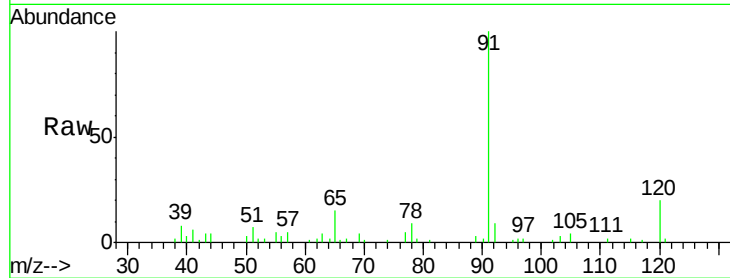
120 22.5 11.1 33.1

Manual Integrations

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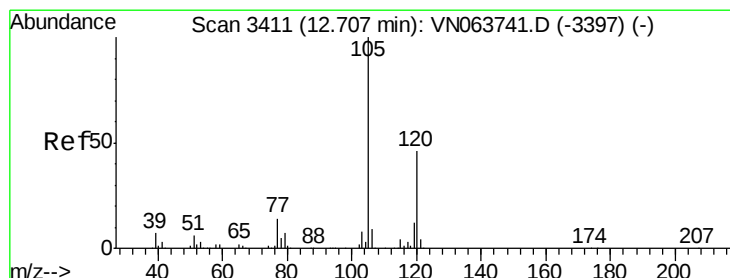
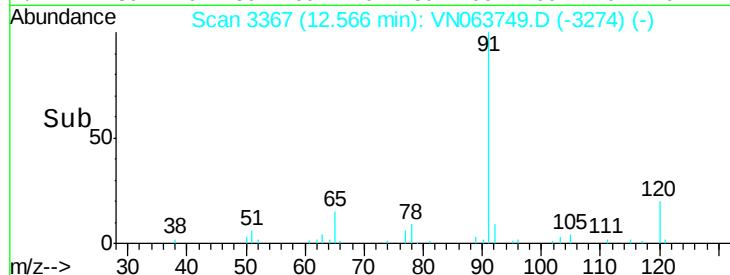
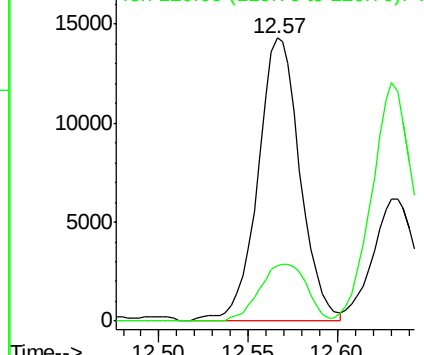
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 6.455 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063749.D

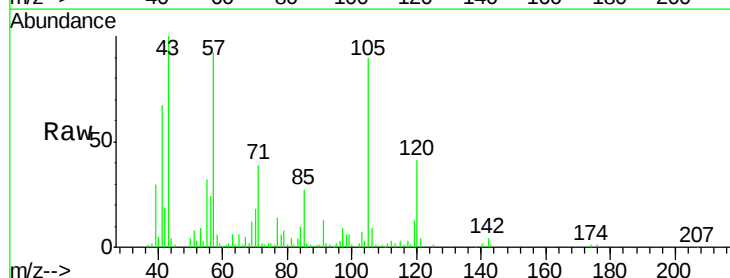
Acq: 30 Sep 2020 15:08

Tgt Ion:105 Resp: 64903

Ion Ratio Lower Upper

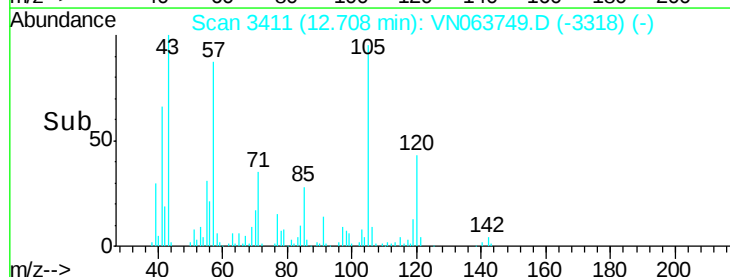
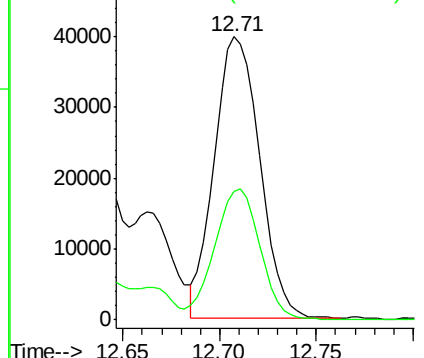
105 100

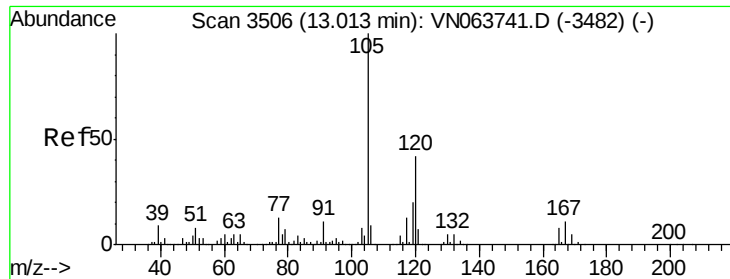
120 46.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





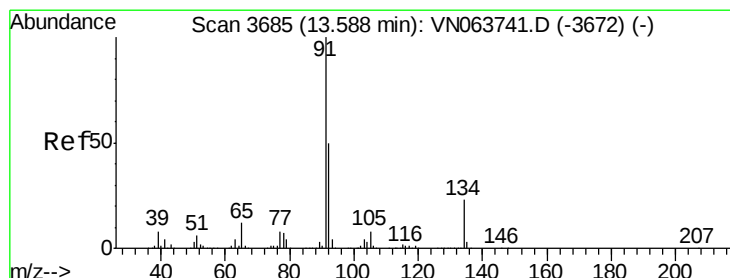
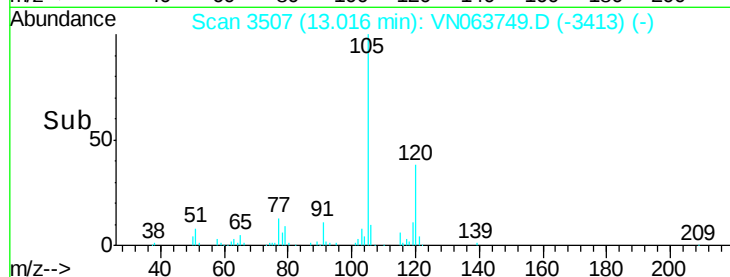
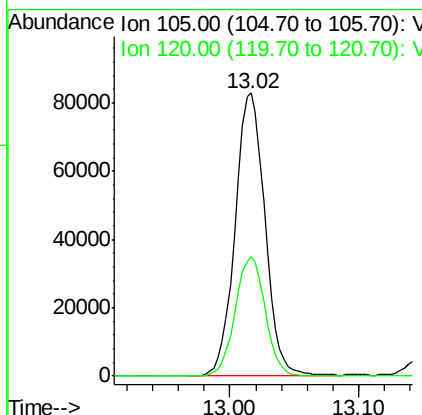
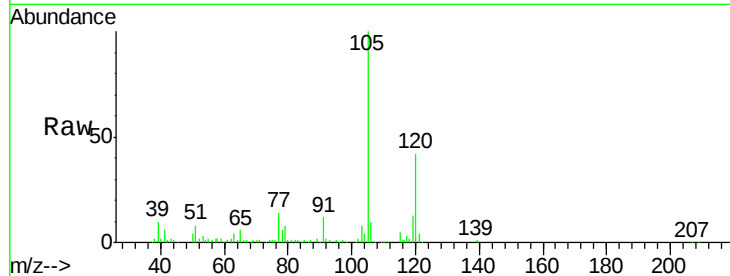
#84
 1,2,4-Trimethylbenzene
 Concen: 13.308 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP-1

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.5	20.9	62.7

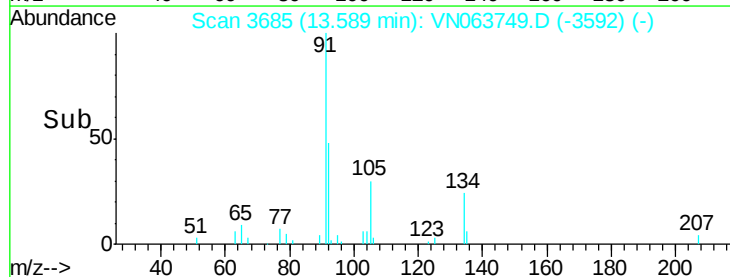
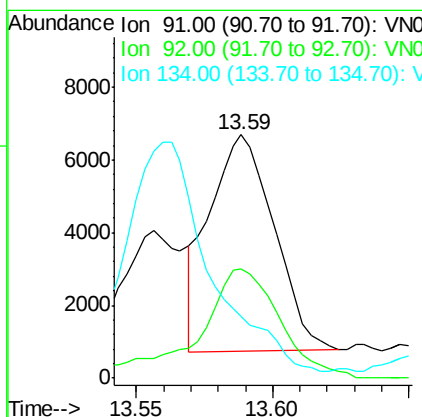
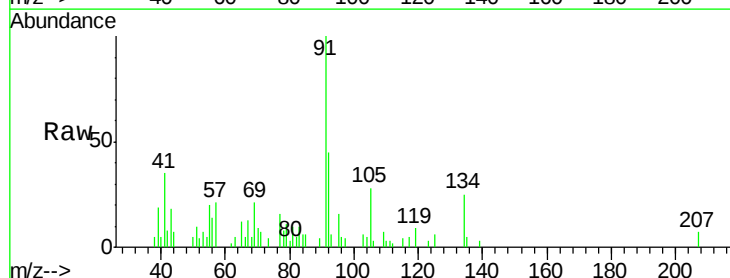
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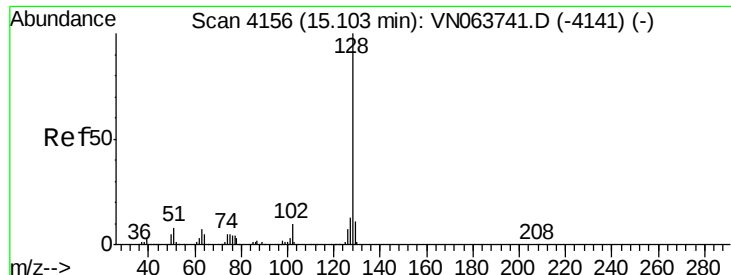
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#89
 n-Butylbenzene
 Concen: 1.111 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN063749.D
 Acq: 30 Sep 2020 15:08

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.2	25.4	76.4
134	0.0	11.7	35.1#





#95
Naphthalene
Concen: 106.775 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063749.D
Acq: 30 Sep 2020 15:08

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP-1

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	13.1	10.5	15.7
129	11.2	8.7	13.1

Manual Integrations
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10/1/2020 2:40:31 PM

