

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063768.D
 Acq On : 1 Oct 2020 13:46
 Operator : JC/MD
 Sample : L4178-04DL2 40X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4DL2

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:11:20 PM

Quant Time: Oct 02 02:46:13 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	7.63	168	224724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187645	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	7.55	113	136235	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
50) Toluene-d8	10.06	98	531115	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.38	95	222253	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
Target Compounds						
					Qvalue	
16) Acetone	3.78	43	1310	1.146	ug/l #	62
31) Cyclohexane	7.62	56	16801	3.898	ug/l #	68
39) Methylcyclohexane	9.05	83	20579	4.989	ug/l	95
52) Toluene	10.13	92	2025	0.277	ug/l	97
67) Ethyl Benzene	11.49	91	582121	37.069	ug/l	99
68) m/p-Xylenes	11.59	106	9190	1.570	ug/l	87
73) Isopropylbenzene	12.23	105	64669	4.494	ug/l	97
78) n-propylbenzene	12.57	91	216417	12.923	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	298963	24.766	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1529530	126.905	ug/l	98
85) sec-Butylbenzene	13.15	105	12504m	0.964	ug/l	
86) p-Isopropyltoluene	13.26	119	9429	0.822	ug/l #	73
89) n-Butylbenzene	13.59	91	9532m	0.900	ug/l	
95) Naphthalene	15.10	128	161912	16.550	ug/l	100

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

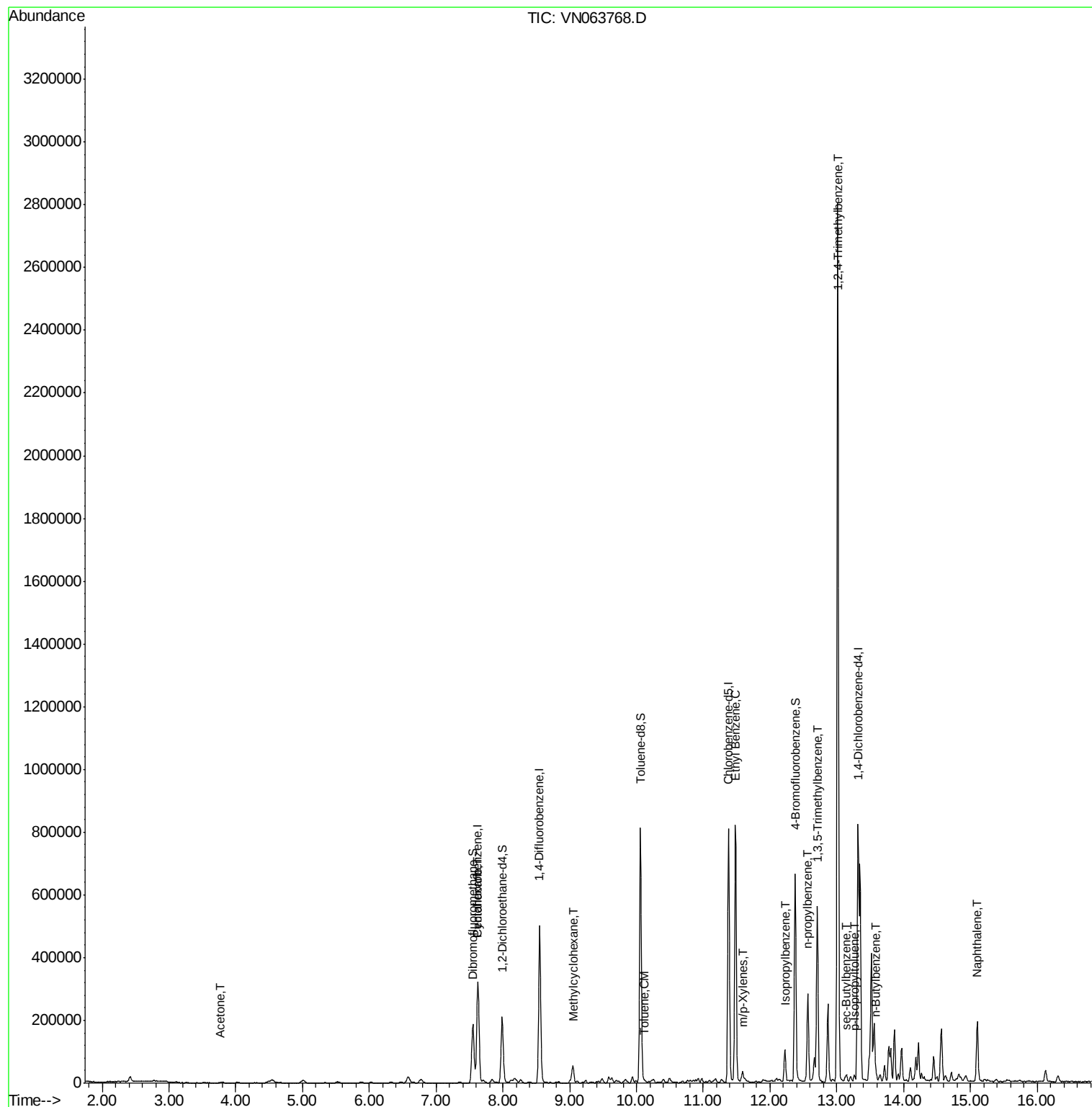
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
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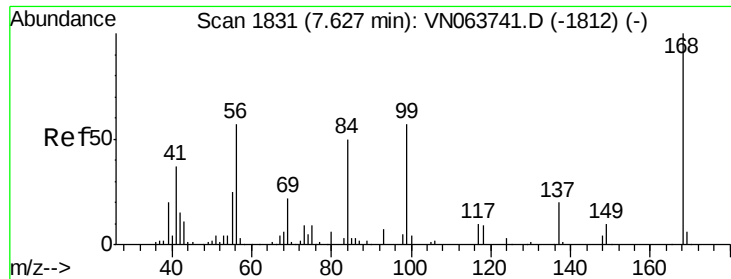
Instrument :
MSVOA_N
ClientSampleId :
TP-4DL2

Manual Integrations
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10/2/2020 3:11:20 PM

Quant Time: Oct 02 02:46:13 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL2

Tot Ion:168 Resp: 224724

Ion Ratio Lower Upper

168 100

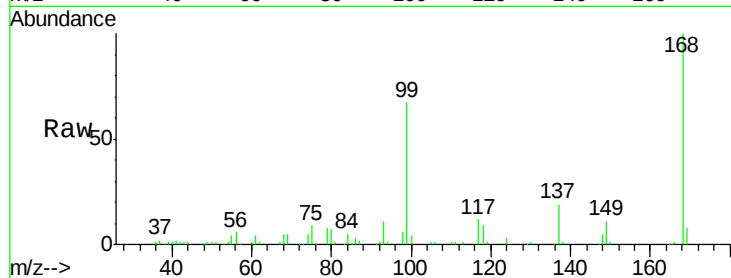
99 66.9 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

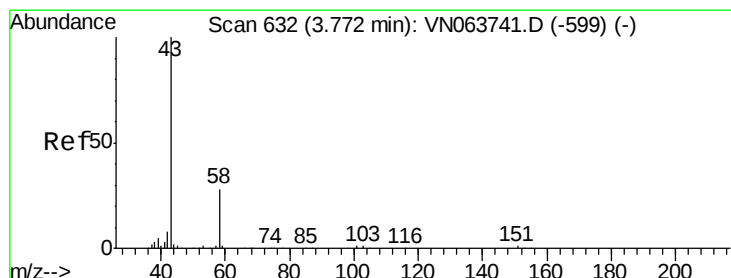
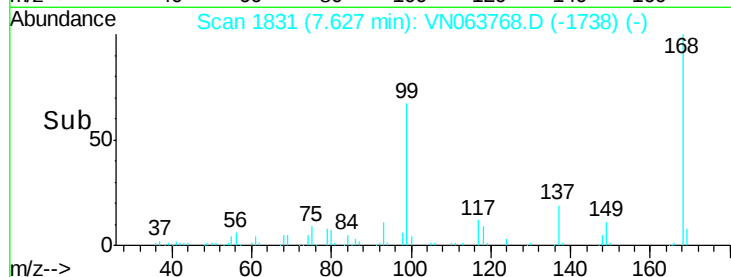
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.146 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063768.D

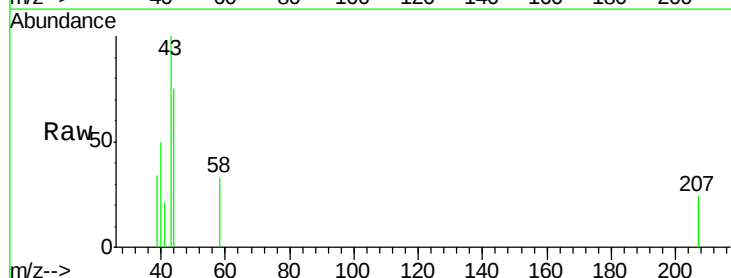
Acq: 1 Oct 2020 13:46

Tgt Ion: 43 Resp: 1310

Ion Ratio Lower Upper

43 100

58 47.9 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

800

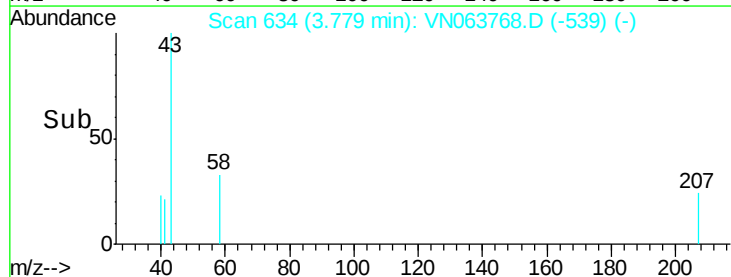
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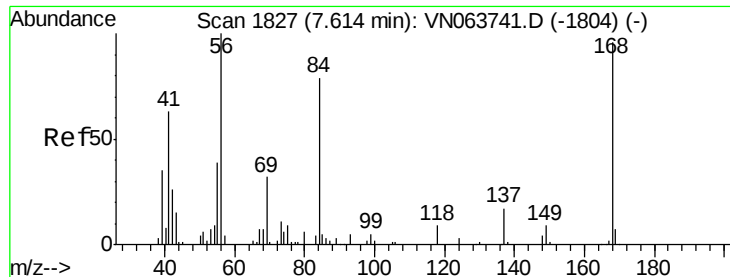
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200

0

Time-->





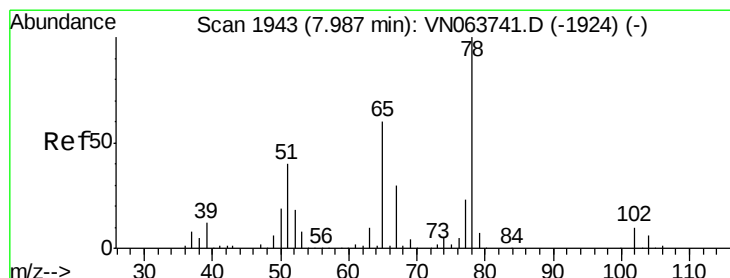
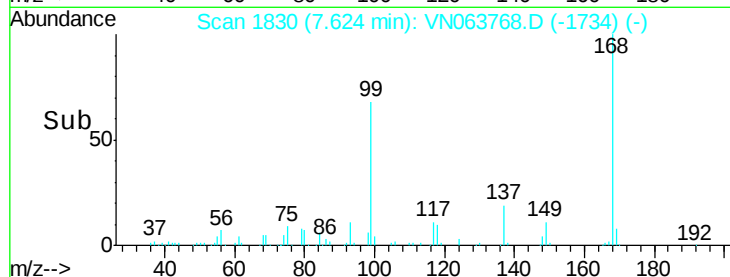
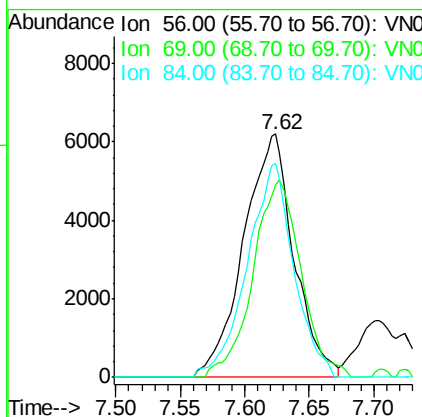
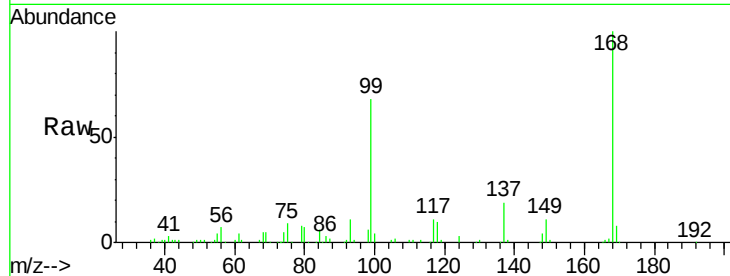
#31
Cyclohexane
Concen: 3.898 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-4DL2

Tot Ion	Ratio	Lower	Upper
56	100		
69	79.1	25.4	38.2#
84	88.2	63.3	94.9

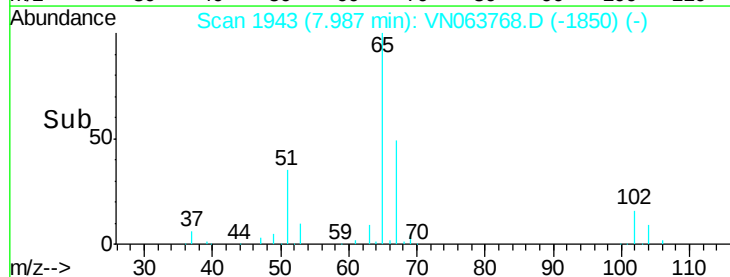
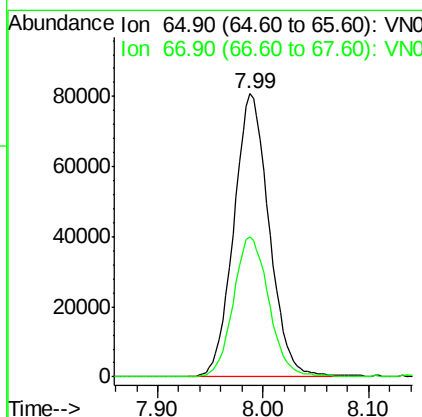
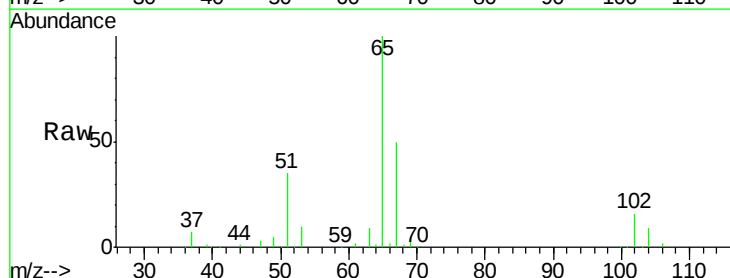
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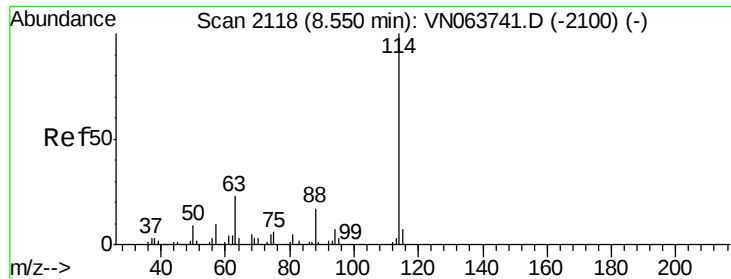
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#33
1,2-Dichloroethane-d4
Concen: 50.543 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.6





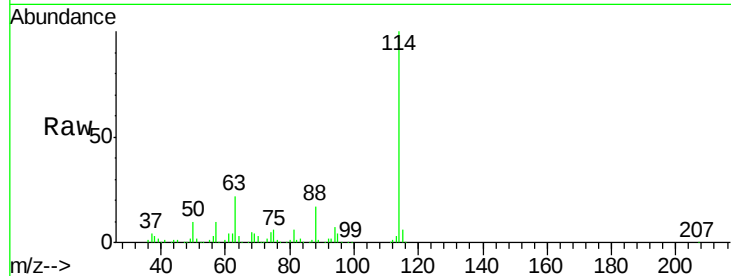
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

Instrument :
 MSVOA_N
 ClientSampled :
 TP-4DL2

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.2	0.0	45.0
88	16.7	0.0	34.0

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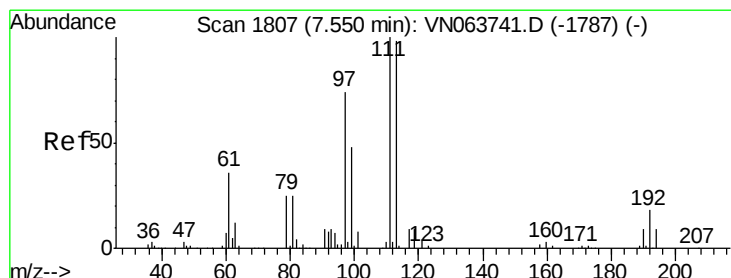
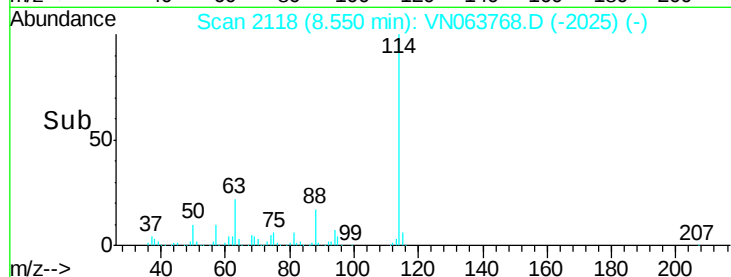
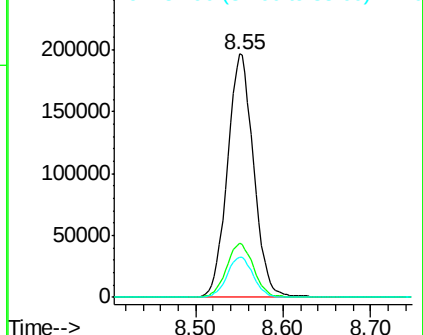
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Abundance Ion 113.90 (113.60 to 114.60): V

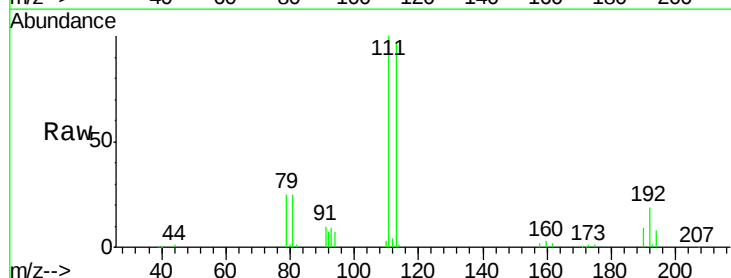
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 48.089 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

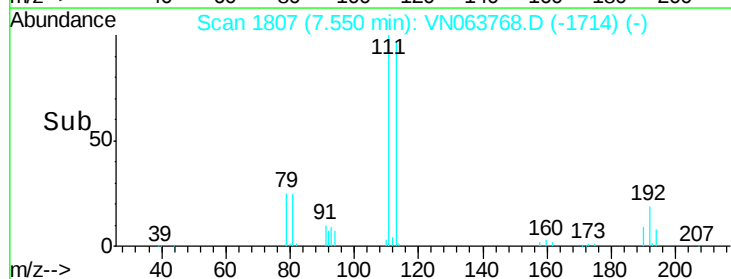
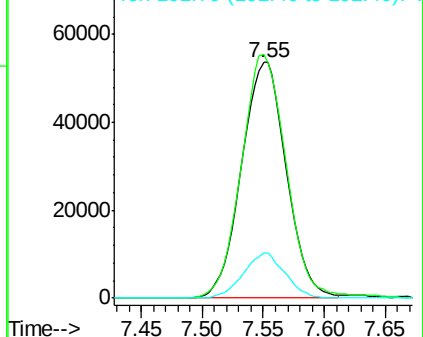
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.3	81.8	122.8
192	17.7	14.2	21.2

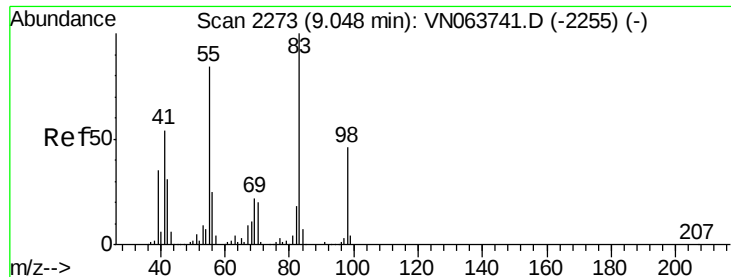


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





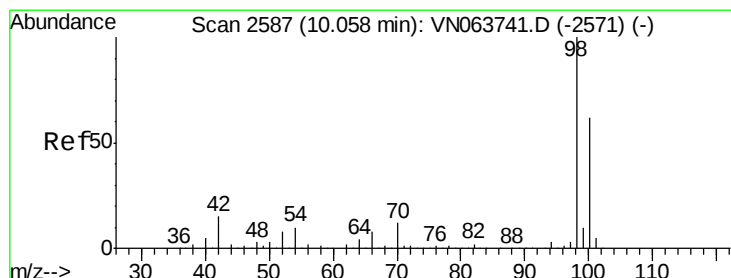
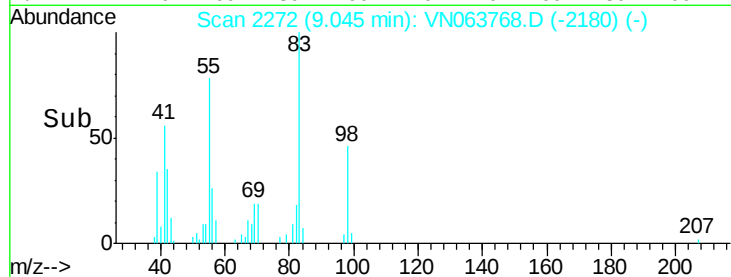
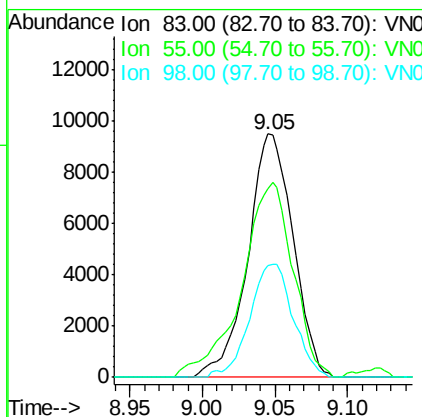
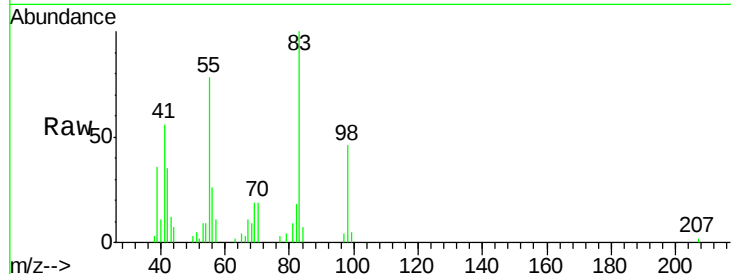
#39
Methvlcvclohexane
Concen: 4.989 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-4DL2

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	67.1	100.7
98	45.7	36.6	54.8

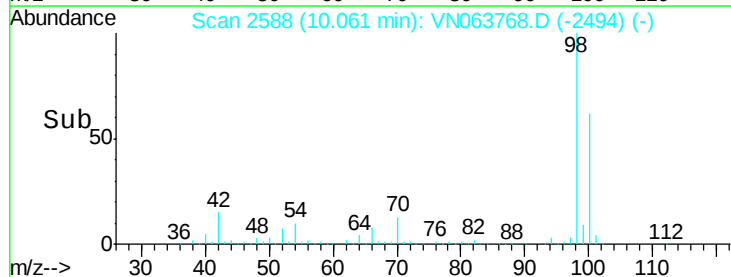
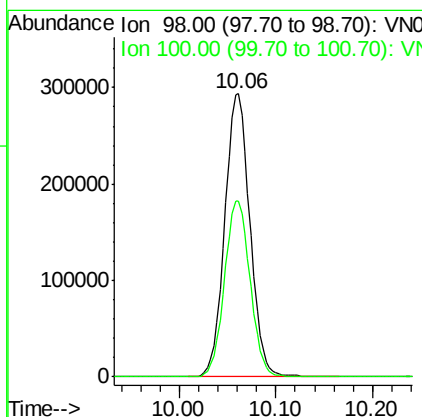
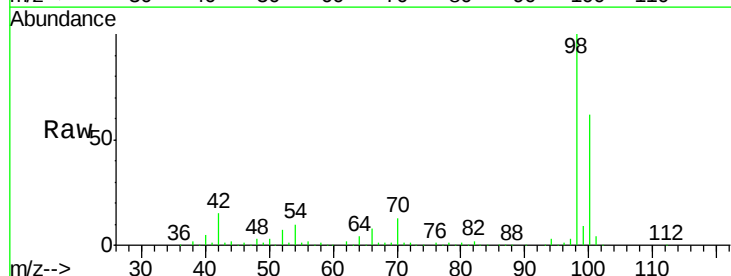
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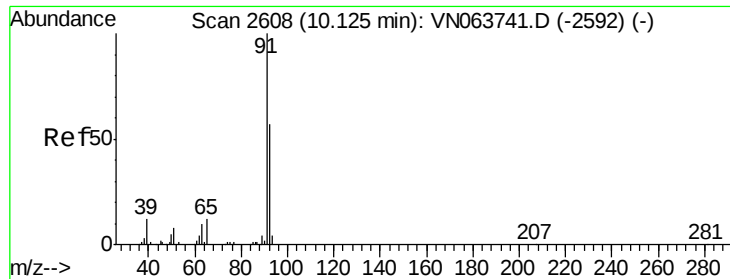
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#50
Toluene-d8
Concen: 49.454 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.6





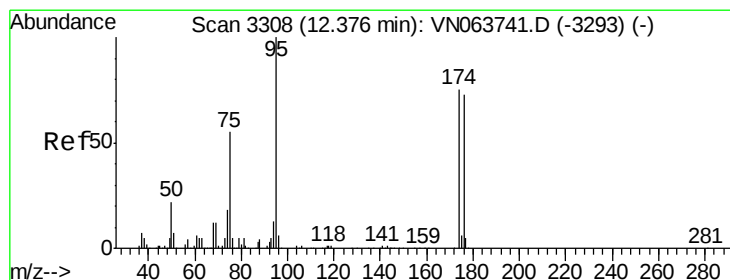
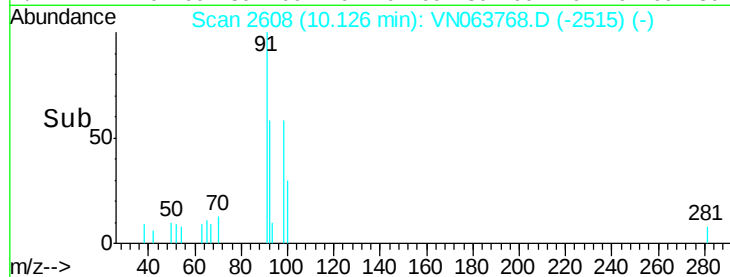
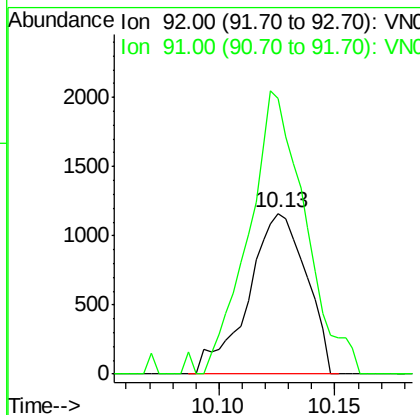
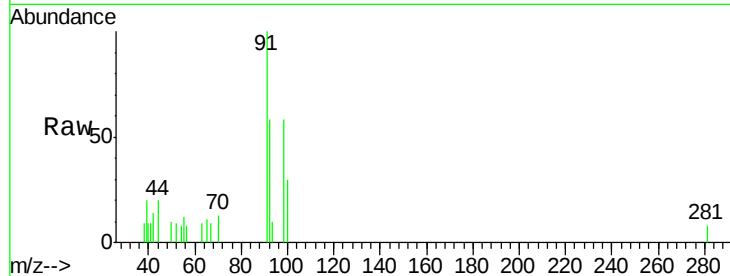
#52
Toluene
Concen: 0.277 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-4DL2

Tot Ion: 92 Resp: 2025
Ion Ratio Lower Upper
92 100
91 172.0 140.6 210.8

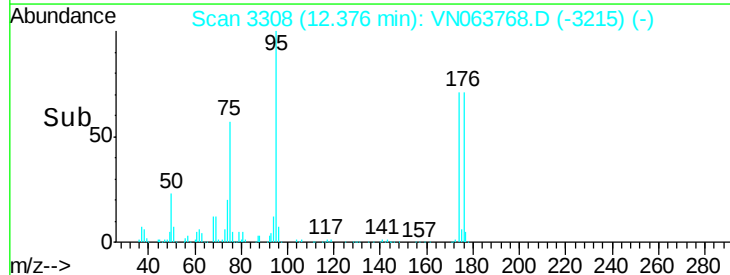
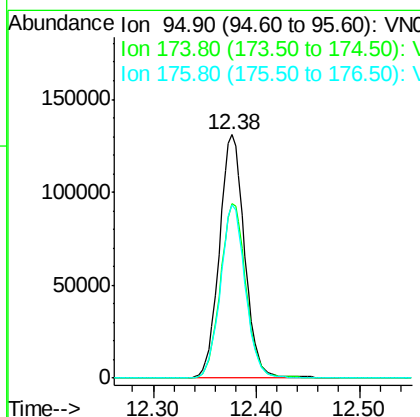
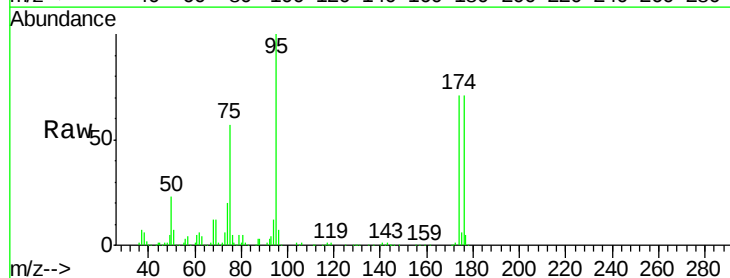
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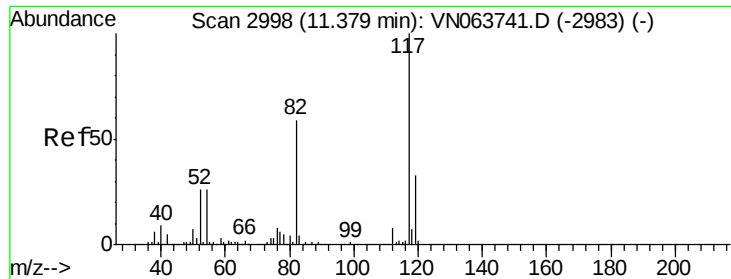
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#62
4-Bromofluorobenzene
Concen: 55.053 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion: 95 Resp: 222253
Ion Ratio Lower Upper
95 100
174 72.7 0.0 150.6
176 70.3 0.0 145.4





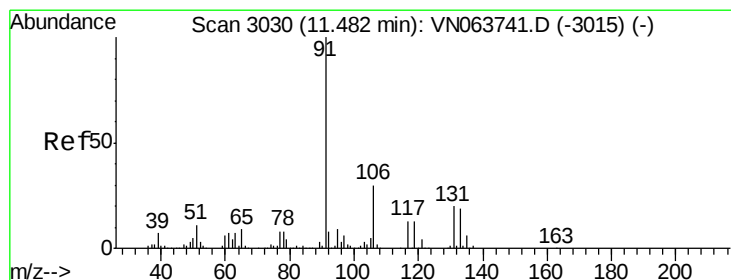
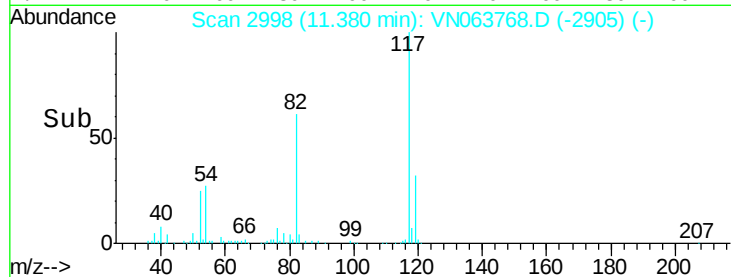
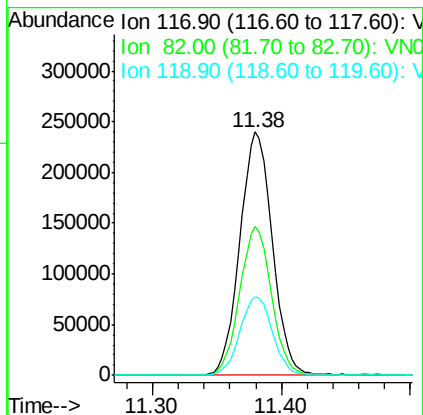
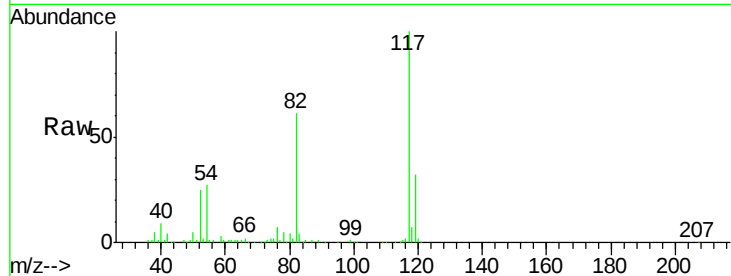
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-4DL2

Tot Ion	Ratio	Resp	Lower	Upper
117	100	420717		
82	61.3	47.4	71.2	
119	32.3	26.4	39.6	

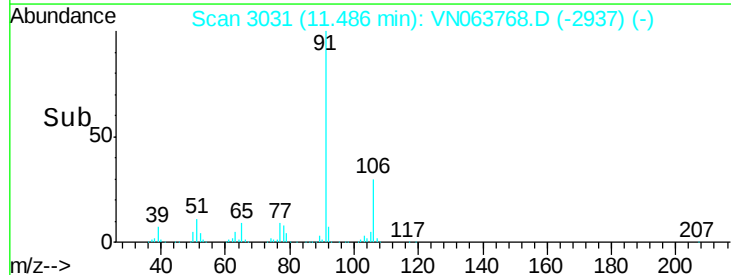
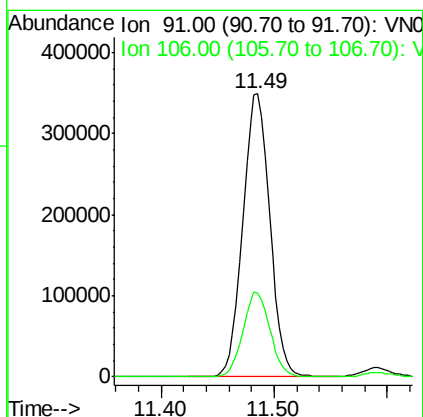
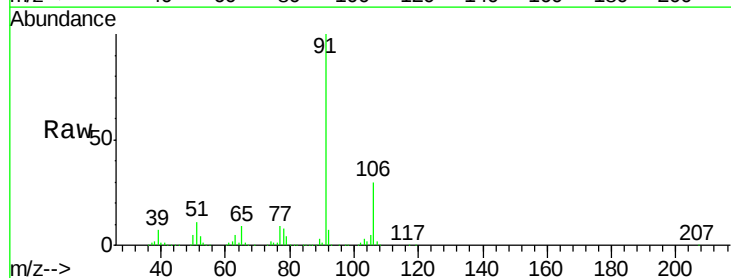
Manual Integrations
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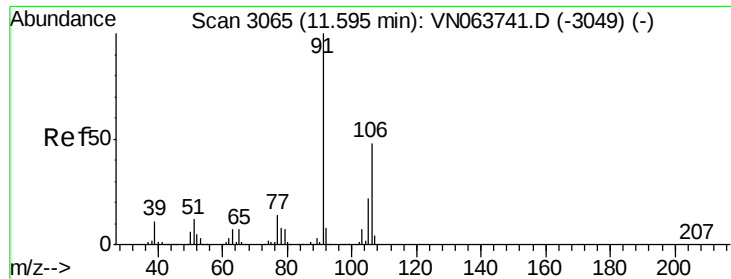
MMDadoda
10/2/2020 3:11:20 PM



#67
Ethyl Benzene
Concen: 37.069 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	582121		
106	29.7	24.2	36.2	





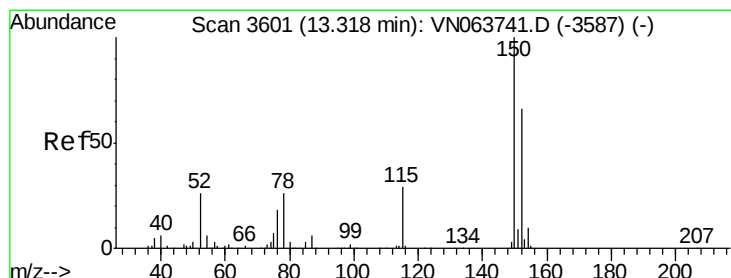
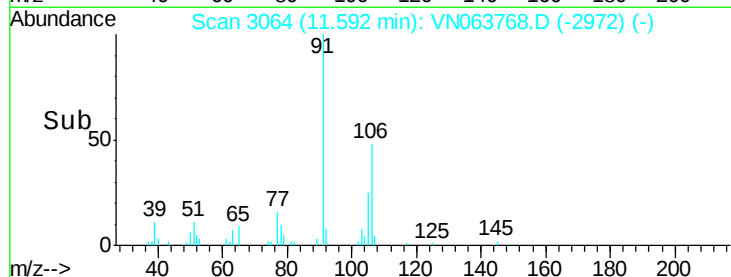
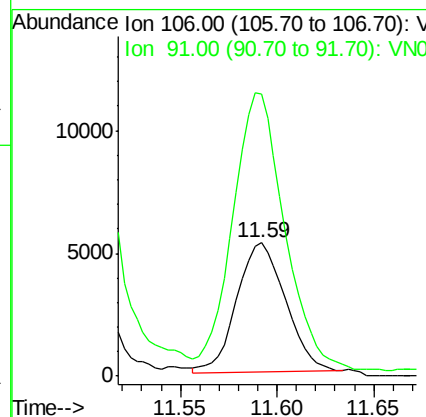
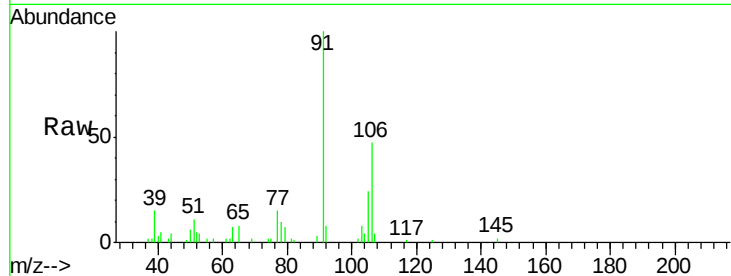
#68
m/p-Xvlenes
Concen: 1.570 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Instrument :
MSVOA_N
ClientSampled :
TP-4DL2

Tot Ion:106 Resp: 9190
Ion Ratio Lower Upper
106 100
91 230.7 168.0 252.0

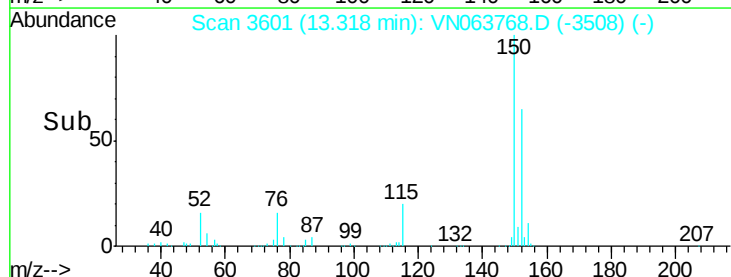
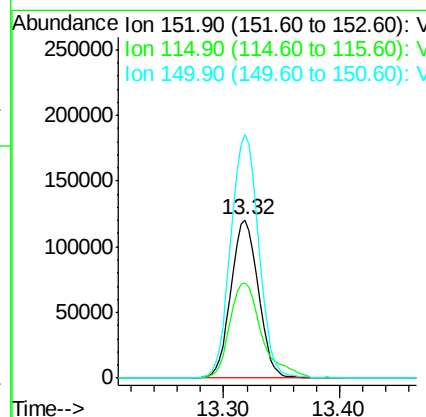
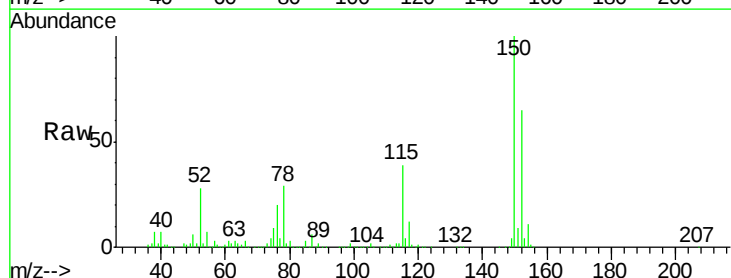
Manual Integrations
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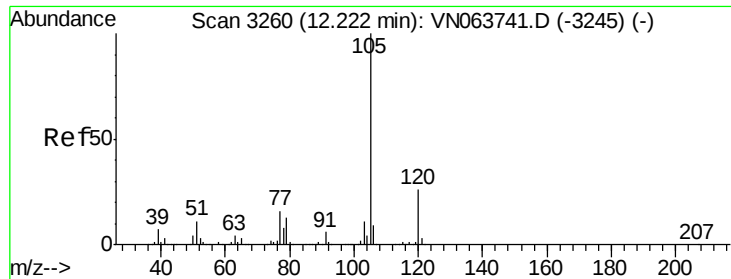
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10/2/2020 3:11:20 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion:152 Resp: 197276
Ion Ratio Lower Upper
152 100
115 68.6 31.3 93.8
150 155.9 0.0 341.8





#73

Isopropylbenzene

Concen: 4.494 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063768.D

Acq: 1 Oct 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

TP-4DL2

Tot Ion:105 Resp: 64669

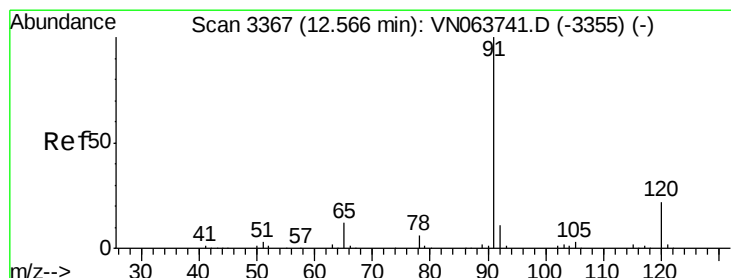
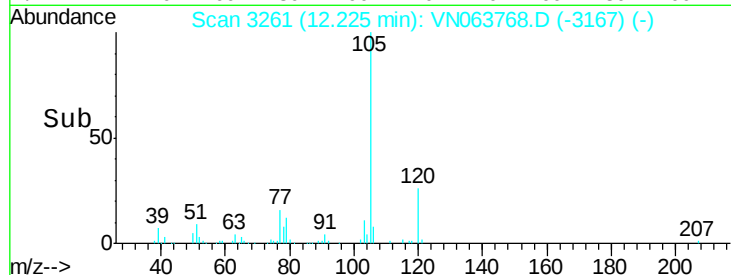
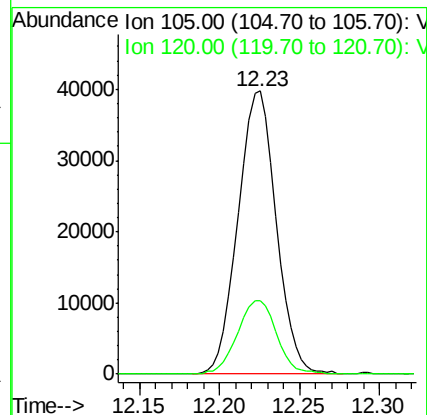
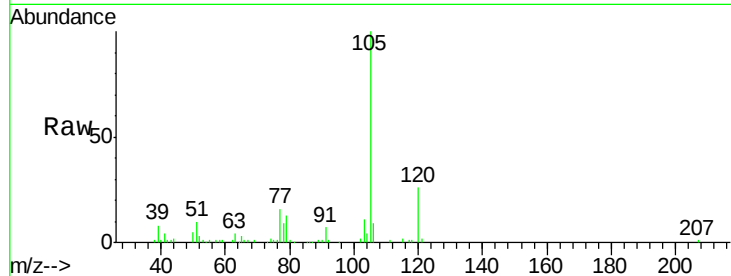
Ion Ratio Lower Upper

105 100

120 26.7 12.6 37.8

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#78

n-propylbenzene

Concen: 12.923 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063768.D

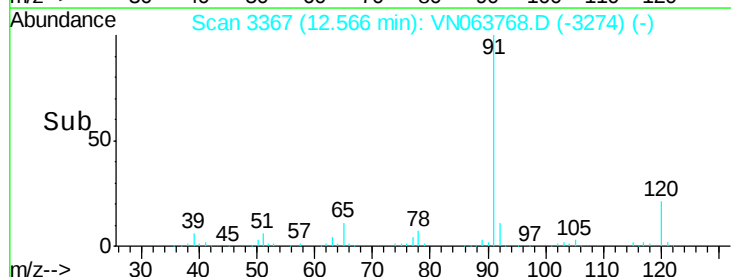
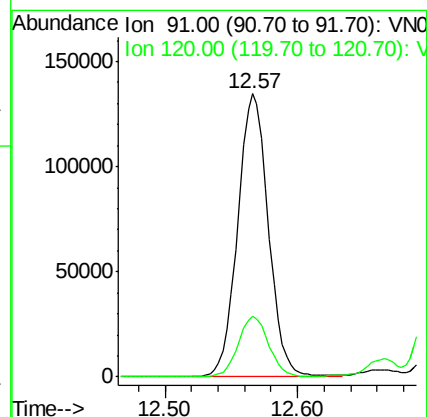
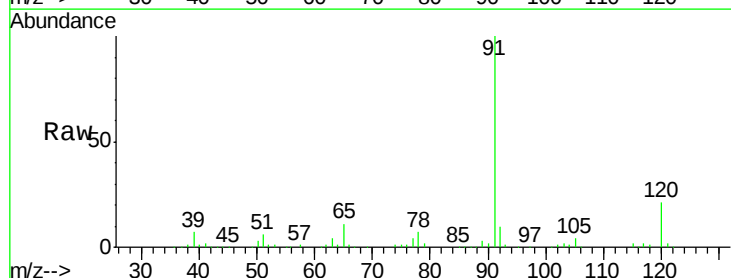
Acq: 1 Oct 2020 13:46

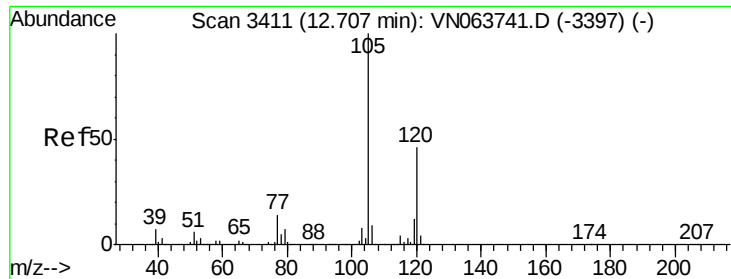
Tgt Ion: 91 Resp: 216417

Ion Ratio Lower Upper

91 100

120 21.2 11.1 33.1





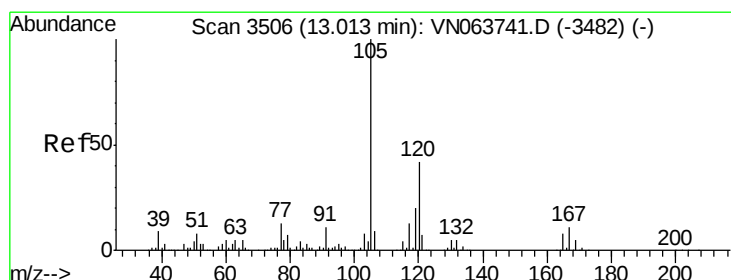
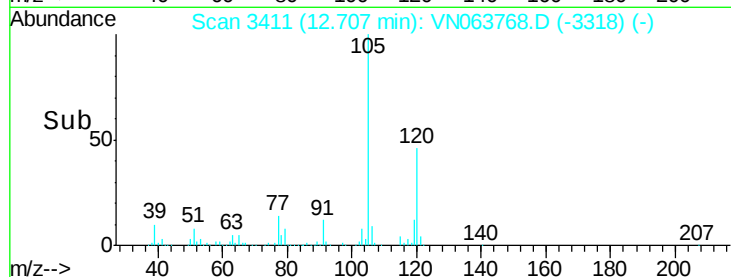
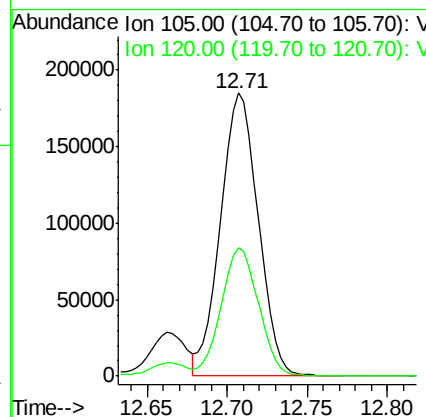
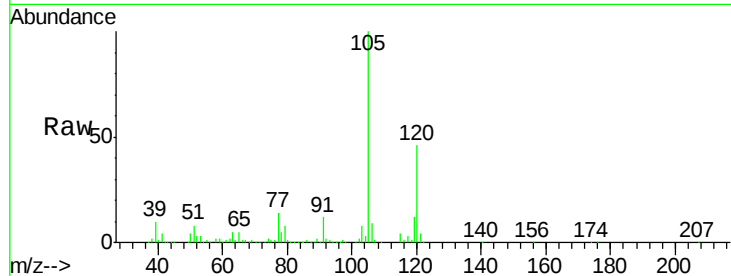
#80
 1,3,5-Trimethylbenzene
 Concen: 24.766 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

Instrument :
 MSVOA_N
 ClientSampled :
 TP-4DL2

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.3	69.9

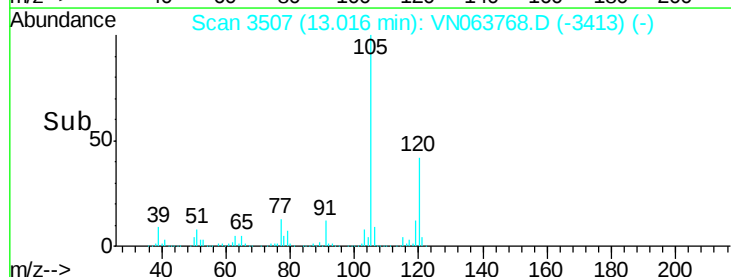
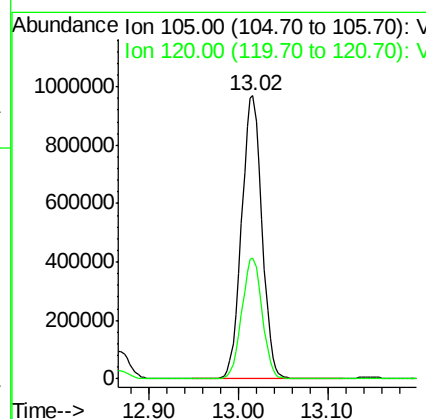
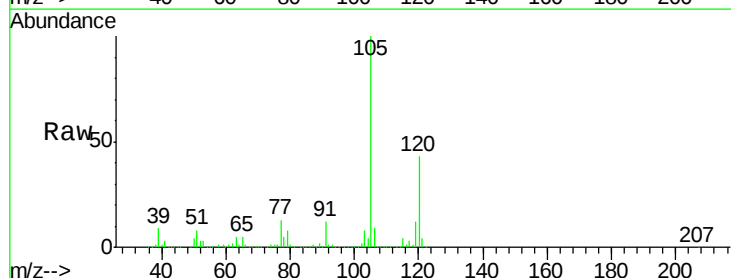
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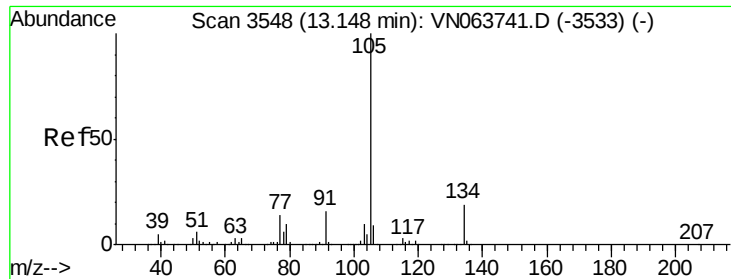
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#84
 1,2,4-Trimethylbenzene
 Concen: 126.905 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	20.9	62.7





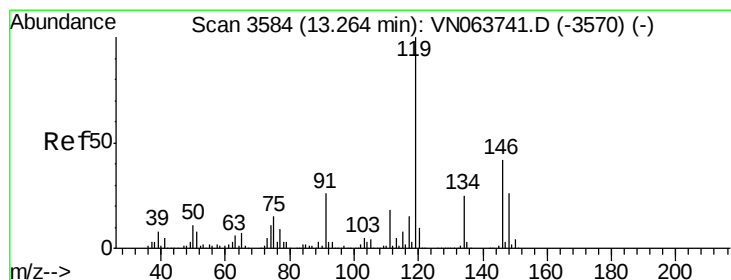
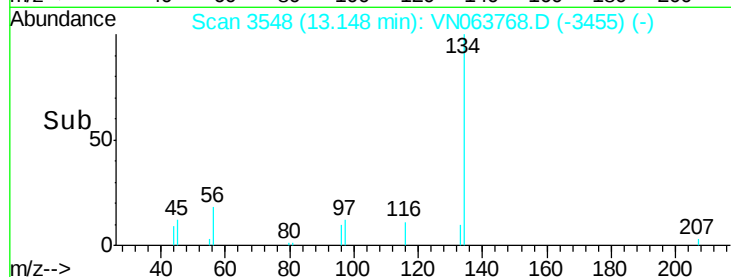
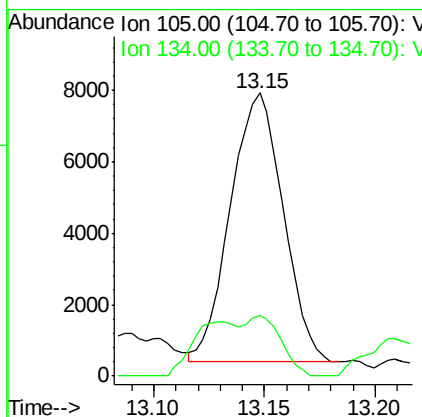
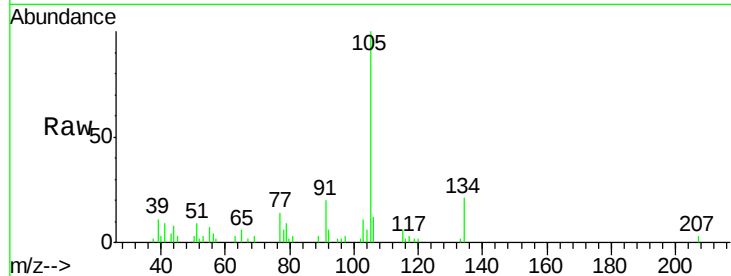
#85
 sec-Butylbenzene
 Concen: 0.964 ug/l m
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4DL2

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.5	28.5#

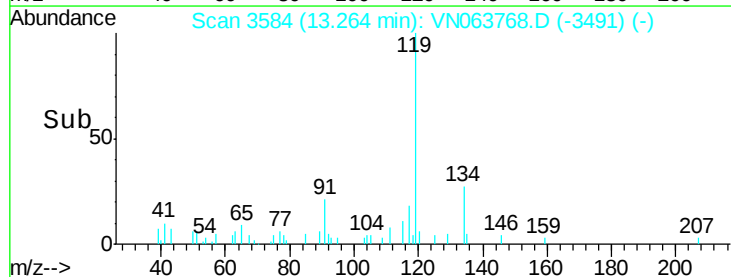
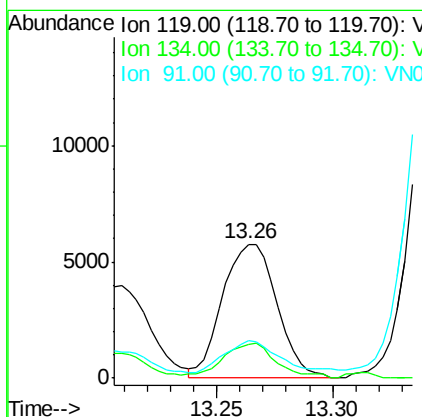
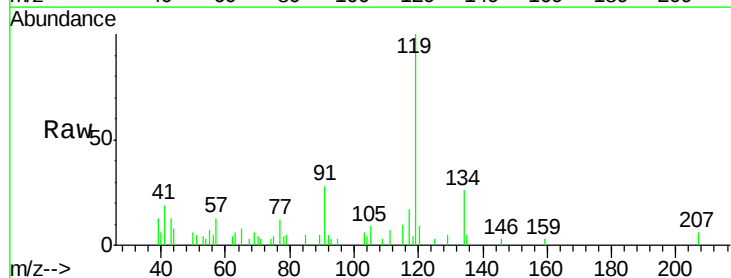
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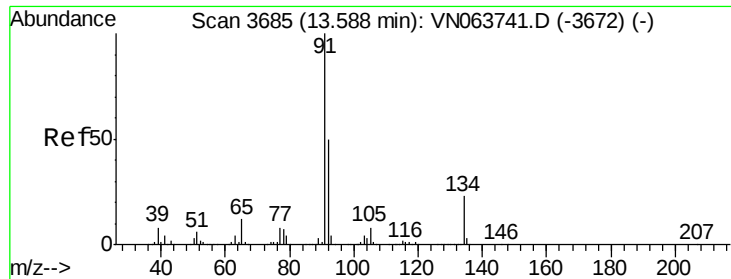
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#86
 p-Isopropyltoluene
 Concen: 0.822 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063768.D
 Acq: 1 Oct 2020 13:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	0.0	13.4	40.2#





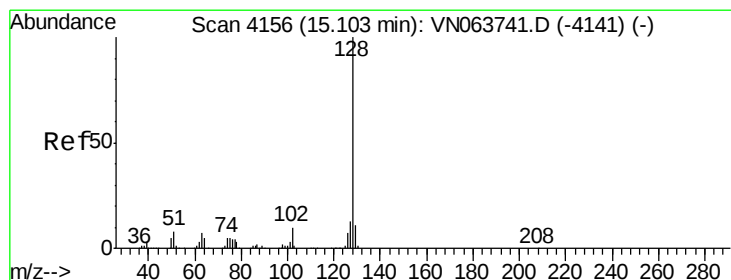
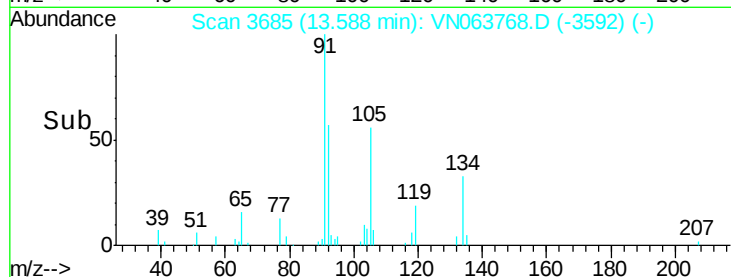
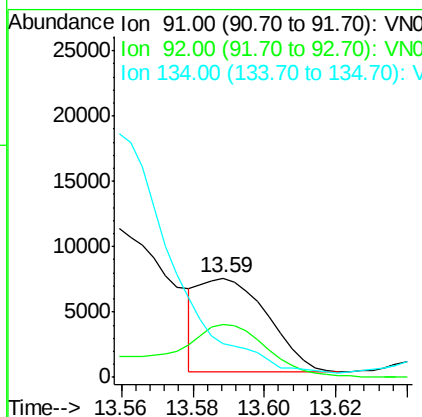
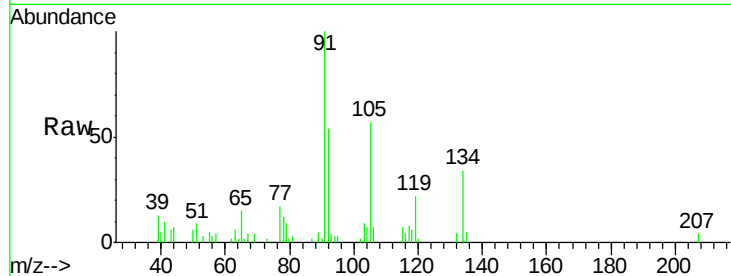
#89
n-Butylbenzene
Concen: 0.900 ug/l m
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Instrument :
MSVOA_N
ClientSampled :
TP-4DL2

Tot Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.4	76.4#
134	357.1	11.7	35.1#

Manual Integrations
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#95
Naphthalene
Concen: 16.550 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063768.D
Acq: 1 Oct 2020 13:46

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.1	8.7	13.1

