

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061964.D
 Acq On : 19 Jun 2020 20:00
 Operator : JC/MD
 Sample : L3033-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY032MW006-200616

Manual Integrations
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 6/22/2020 1:27:18 PM

Quant Time: Jun 22 13:17:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	183089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	323183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	339117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	155167	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	115043	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	
35) Dibromofluoromethane	7.55	113	98822	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.07	98	445936	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	
62) 4-Bromofluorobenzene	12.38	95	158804	56.96	ug/l	0.00
Spiked Amount			Recovery	=	113.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	7359	2.896	ug/l	99
4) Vinyl Chloride	2.16	62	7269891	2399.591	ug/l #	28
6) Chloroethane	2.67	64	1211306	590.763	ug/l	98
8) Diethyl Ether	3.38	74	4702	3.865	ug/l	86
11) Tert butyl alcohol	4.74	59	19170	56.417	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	99719	53.605	ug/l	98
16) Acetone	3.77	43	2043620	2817.589	ug/l	99
20) Methylene Chloride	4.50	84	8506	3.600	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	28157	13.178	ug/l	97
22) Diisopropyl ether	5.91	45	2904m	0.514	ug/l	
24) 1,1-Dichloroethane	5.80	63	324047	87.666	ug/l	98
25) 2-Butanone	6.80	43	15531776	14677.186	ug/l #	23
27) cis-1,2-Dichloroethene	6.79	96	6287546	2550.243	ug/l	91
29) Tetrahydrofuran	7.16	42	341217	489.954	ug/l #	74
36) 1,1-Dichloropropene	7.75	75	3139	1.065	ug/l	83
40) Benzene	8.00	78	101916	11.413	ug/l	97
42) 1,2-Dichloroethane	8.08	62	48962	16.081	ug/l	100
49) 1,4-Dioxane	9.17	88	900698	22237.719	ug/l	95
51) 4-Methyl-2-Pentanone	9.96	43	6937661	3026.354	ug/l #	78
52) Toluene	10.14	92	12045805	2147.962	ug/l #	57
55) 1,1,2-Trichloroethane	10.54	97	1726	0.782	ug/l #	85
65) Chlorobenzene	11.41	112	264200	36.922	ug/l	99
67) Ethyl Benzene	11.48	91	527631	43.979	ug/l	99
68) m/p-Xylenes	11.59	106	455321	98.422	ug/l	98
69) o-Xylene	11.92	106	198055	44.869	ug/l	98
73) Isopropylbenzene	12.22	105	40373	3.661	ug/l	98
78) n-propylbenzene	12.57	91	15557	1.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	34413	3.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	97878	10.869	ug/l	100
85) sec-Butylbenzene	13.14	105	7640	0.755	ug/l #	53
86) p-Isopropyltoluene	13.26	119	168349	18.664	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	111714	22.019	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	518096	99.760	ug/l	98
89) n-Butylbenzene	13.59	91	3984m	0.529	ug/l	

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.63	146	2487570	509.289	ug/l	98
93) 1,2,4-Trichlorobenzene	14.89	180	4804	2.084	ug/l #	87
95) Naphthalene	15.10	128	622393	78.503	ug/l	100

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

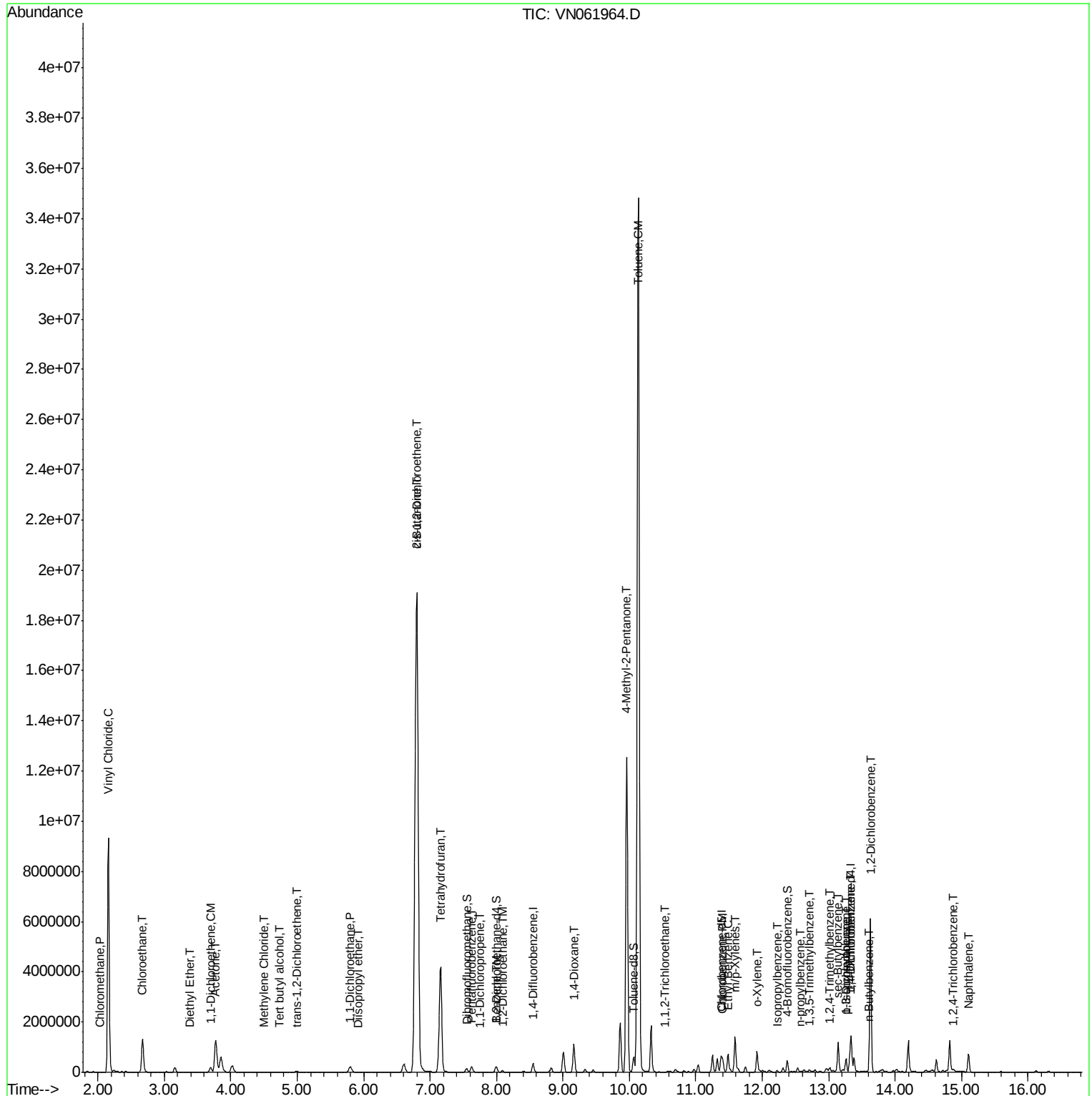
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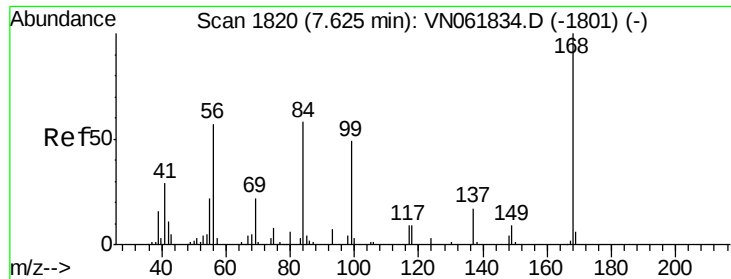
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

KY032MW006-200616

Tot Ion:168 Resp: 183089

Ion Ratio Lower Upper

168 100

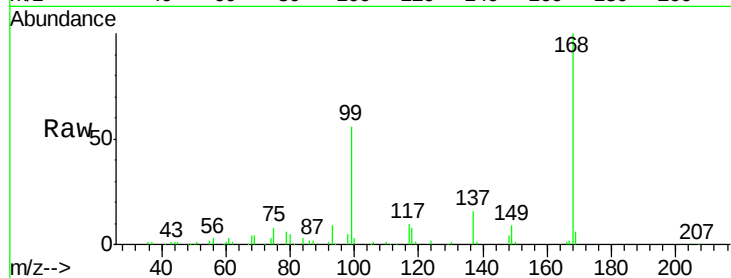
99 56.3 44.6 67.0

Manual Integrations

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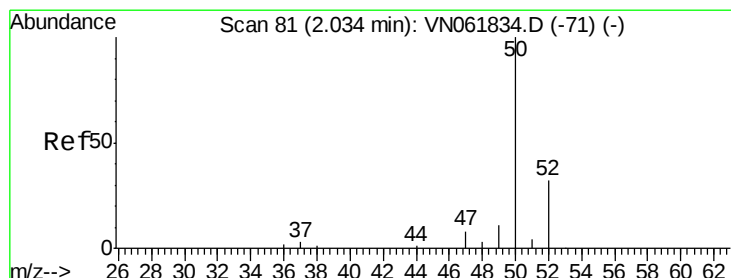
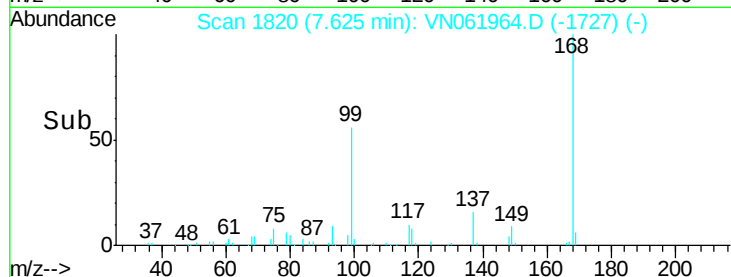
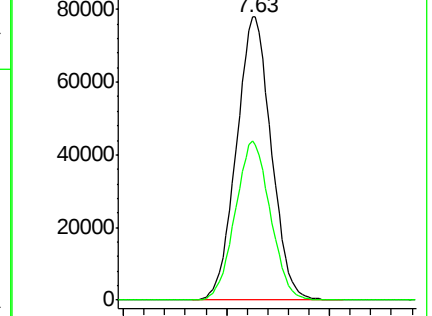
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 2.896 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061964.D

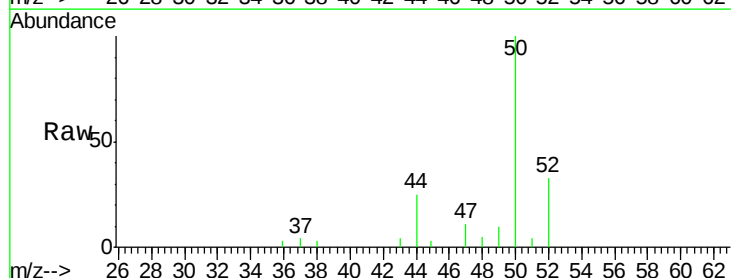
Acq: 19 Jun 2020 20:00

Tgt Ion: 50 Resp: 7359

Ion Ratio Lower Upper

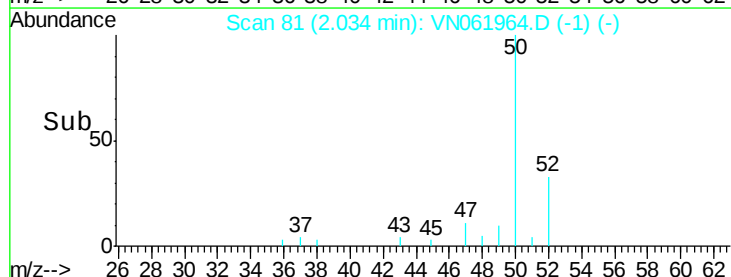
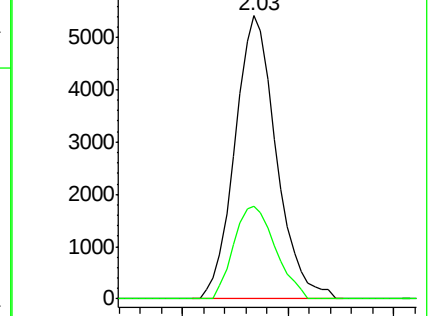
50 100

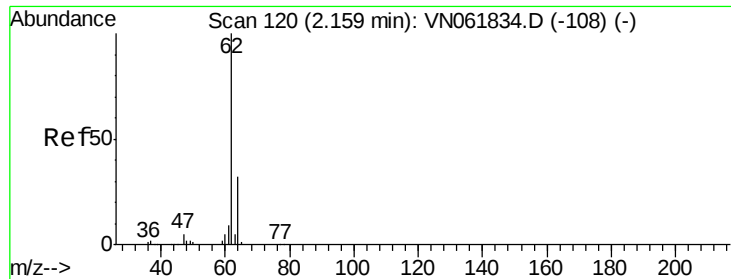
52 33.0 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#4

Vinyl Chloride

Concen: 2399.591 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

KY032MW006-200616

Tot Ion: 62 Resp: 7269891

Ion Ratio Lower Upper

62 100

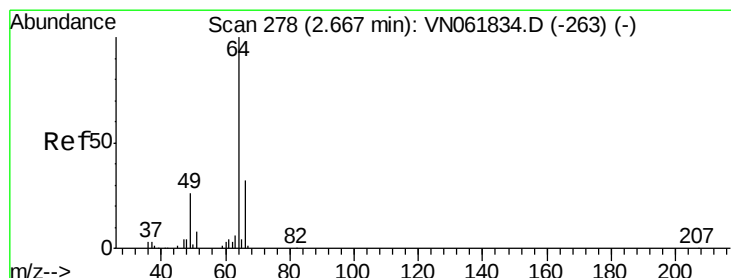
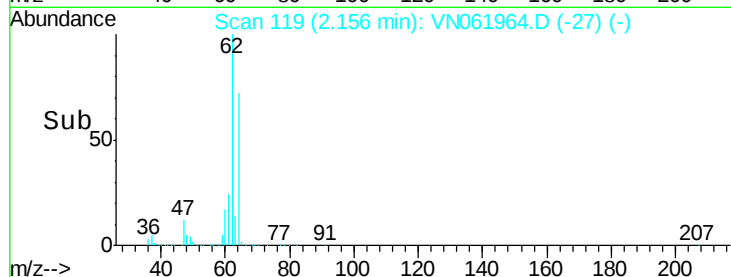
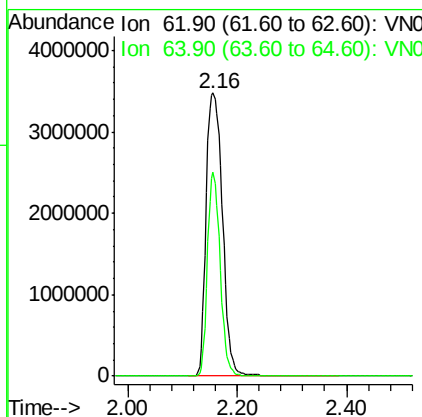
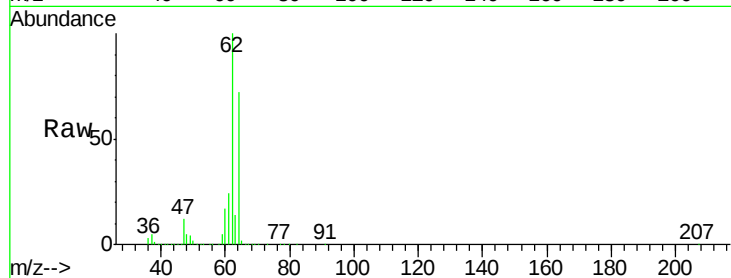
64 71.9 25.5 38.3#

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#6

Chloroethane

Concen: 590.763 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN061964.D

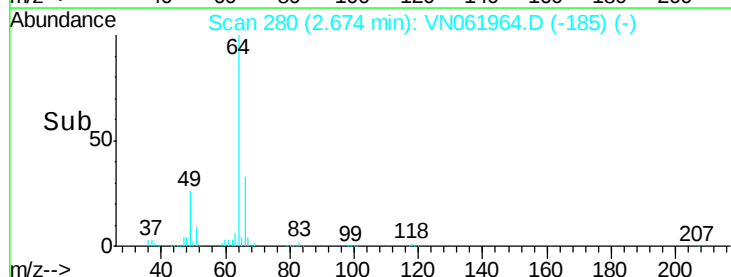
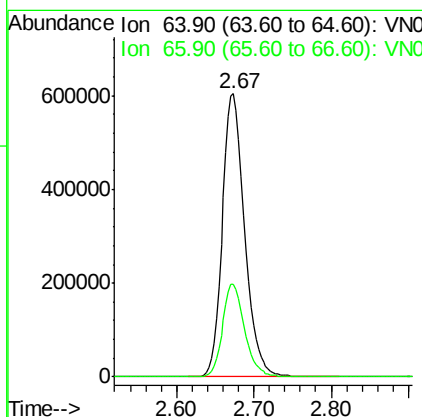
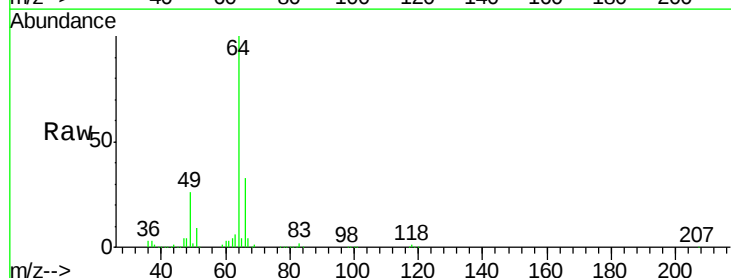
Acq: 19 Jun 2020 20:00

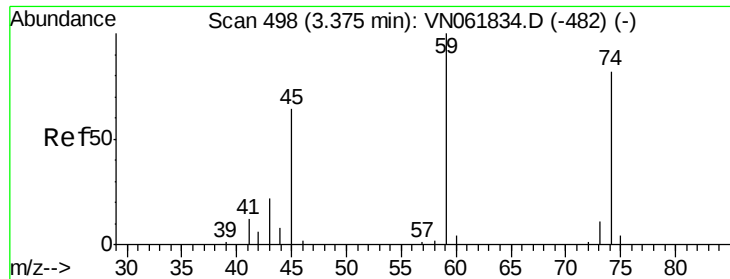
Tgt Ion: 64 Resp: 1211306

Ion Ratio Lower Upper

64 100

66 32.9 25.4 38.2





#8

Diethyl Ether

Concen: 3.865 ug/l

RT: 3.38 min Scan# 499

Delta R.T. 0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

KY032MW006-200616

Tot Ion: 74 Resp: 4702

Ion Ratio Lower Upper

74 100

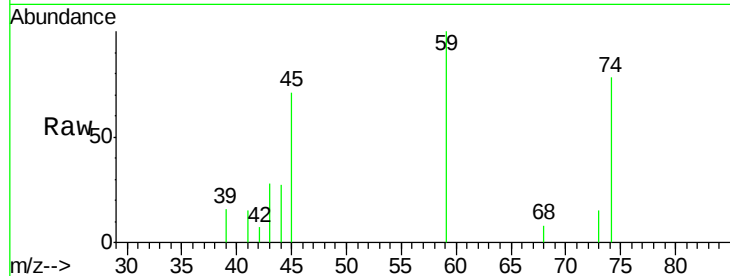
45 90.3 39.1 117.3

Manual Integrations

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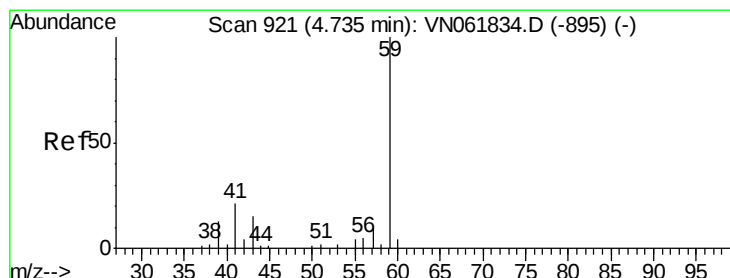
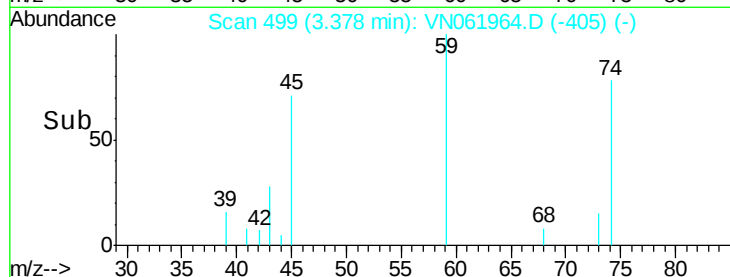
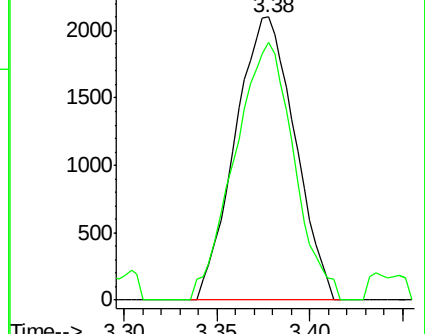
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Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#11

Tert butyl alcohol

Concen: 56.417 ug/l

RT: 4.74 min Scan# 923

Delta R.T. 0.01 min

Lab File: VN061964.D

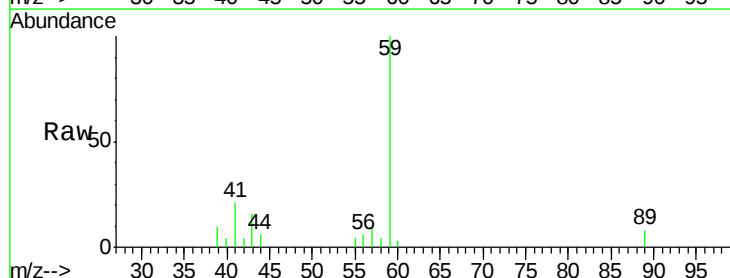
Acq: 19 Jun 2020 20:00

Tgt Ion: 59 Resp: 19170

Ion Ratio Lower Upper

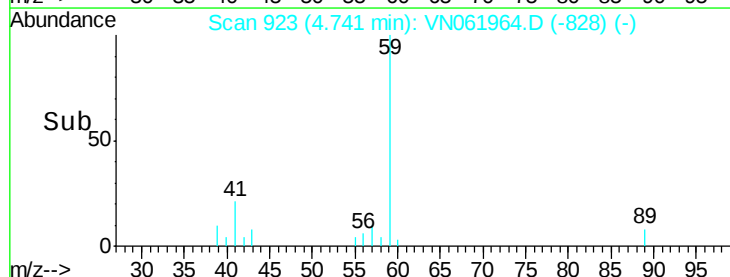
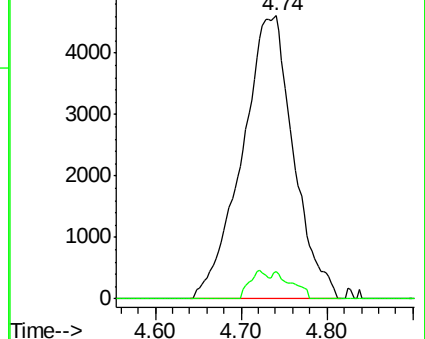
59 100

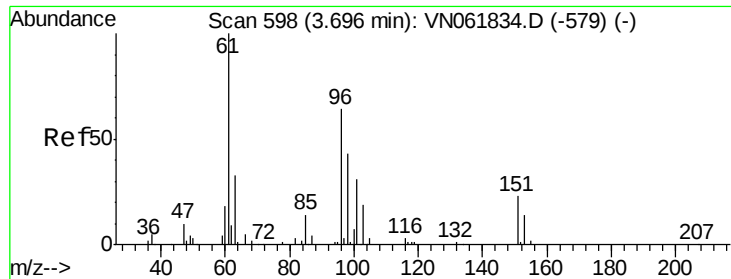
57 3.7 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





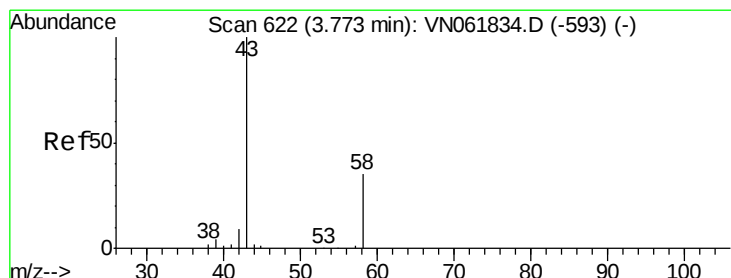
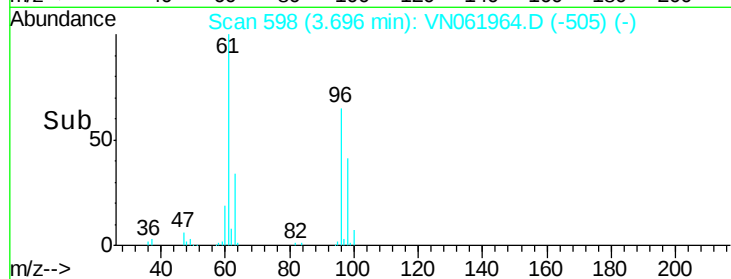
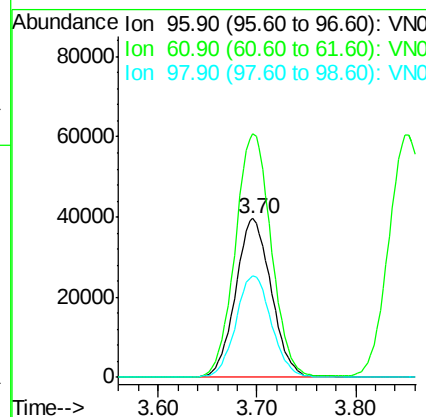
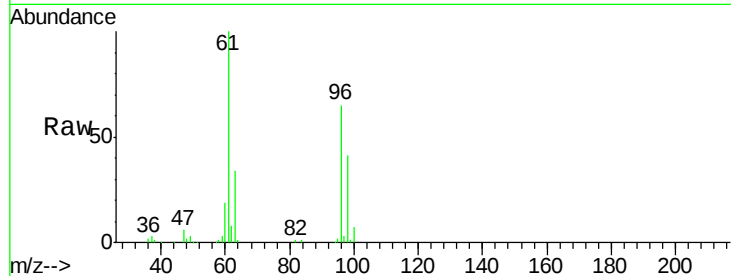
#12
 1,1-Dichloroethene
 Concen: 53.605 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Instrument :
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Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	124.3	186.5
98	63.6	53.1	79.7

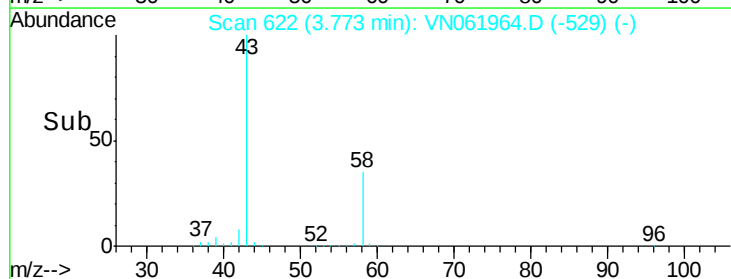
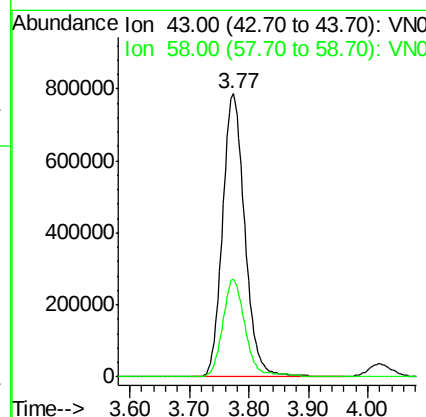
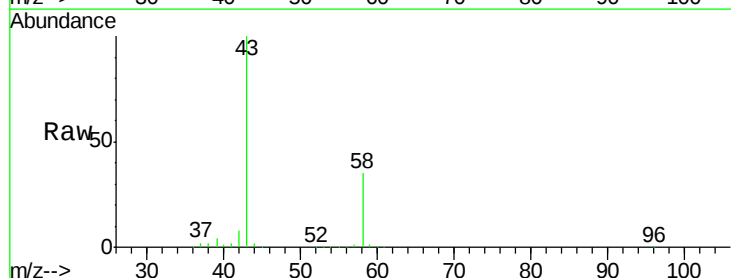
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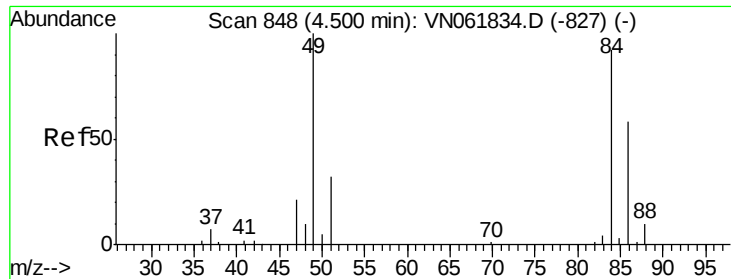
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#16
 Acetone
 Concen: 2817.589 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.8	41.8





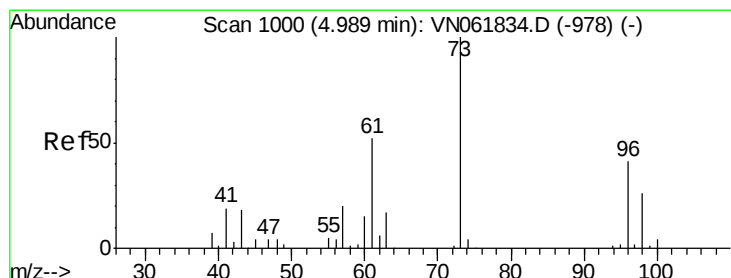
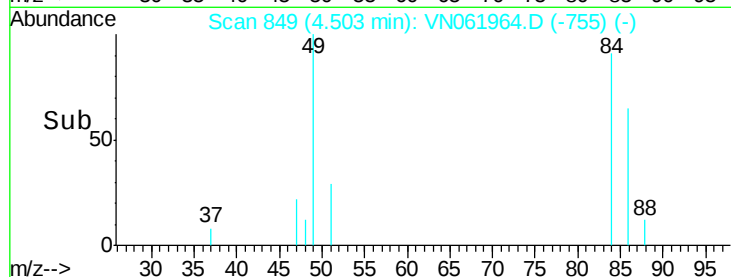
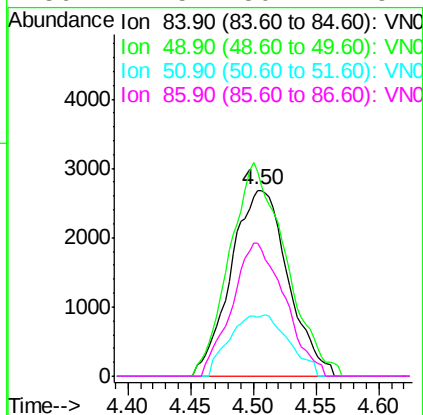
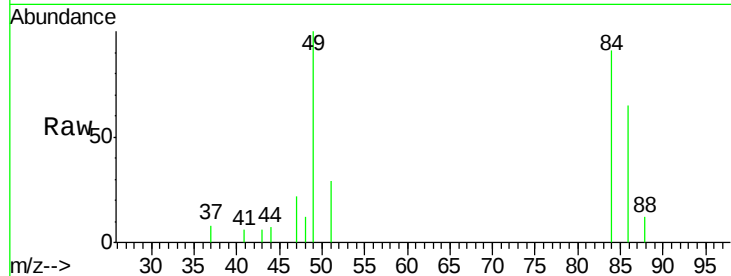
#20
Methvlene Chloride
Concen: 3.600 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Instrument :
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Tot Ion	84	Resp:	8506
Ion	Ratio	Lower	Upper
84	100		
49	110.4	87.0	130.4
51	31.8	27.8	41.6
86	71.5	50.2	75.2

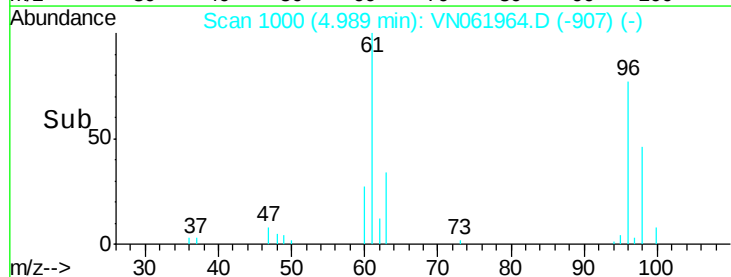
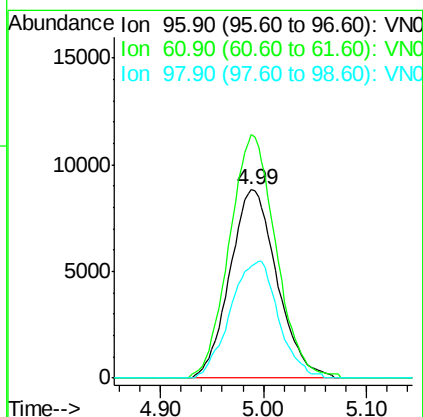
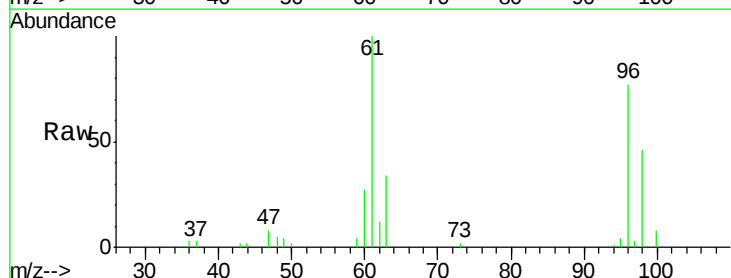
Manual Integrations
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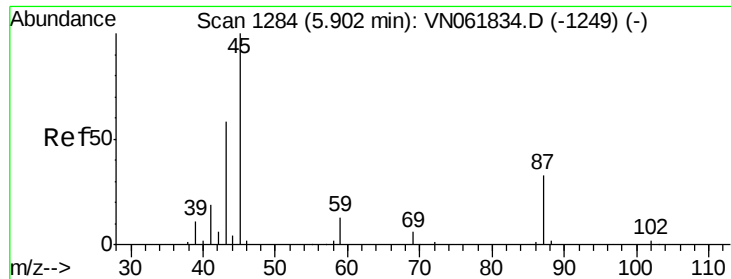
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#21
trans-1,2-Dichloroethene
Concen: 13.178 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Tgt Ion	96	Resp:	28157
Ion	Ratio	Lower	Upper
96	100		
61	129.4	102.2	153.4
98	59.6	51.2	76.8





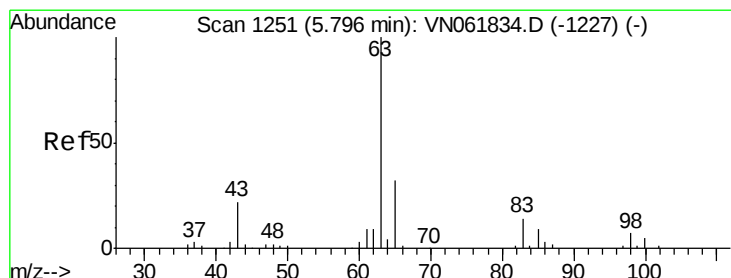
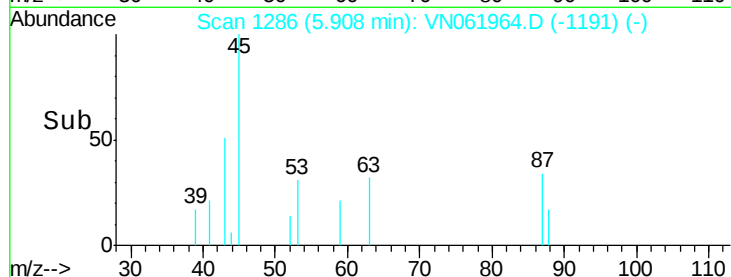
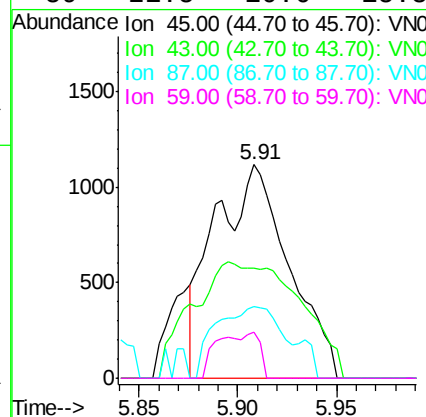
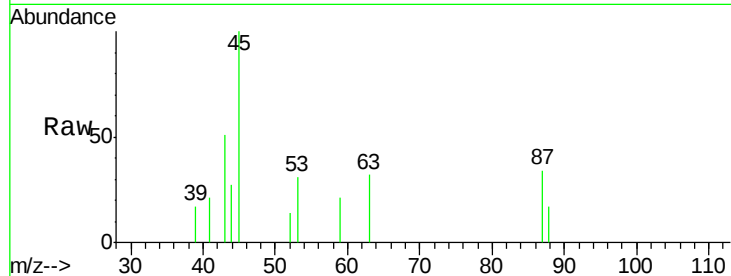
#22
Diisopropyl ether
Concen: 0.514 ug/l m
RT: 5.91 min Scan# 1286
Delta R.T. 0.01 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ion	Ratio	Lower	Upper
45	45.00 (44.70 to 45.70): VN0	100		
43	43.00 (42.70 to 43.70): VN0	51.3	49.4	74.2
87	87.00 (86.70 to 87.70): VN0	33.5	27.4	41.0
59	59.00 (58.70 to 59.70): VN0	21.5	10.6	15.8

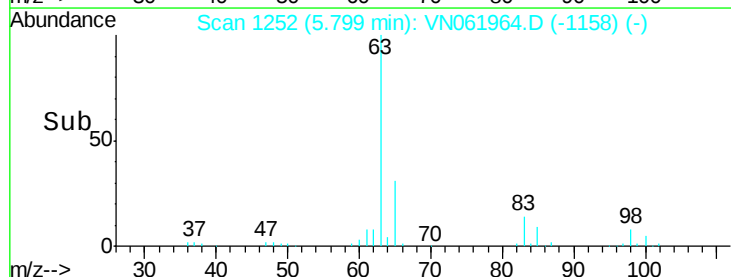
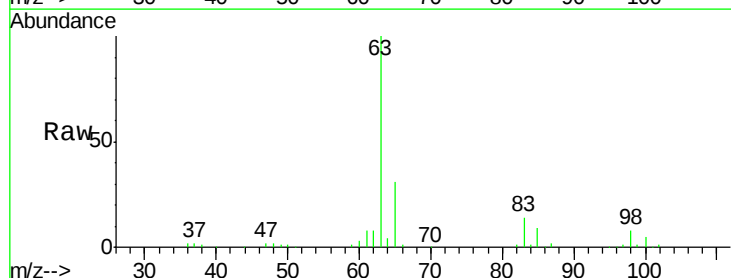
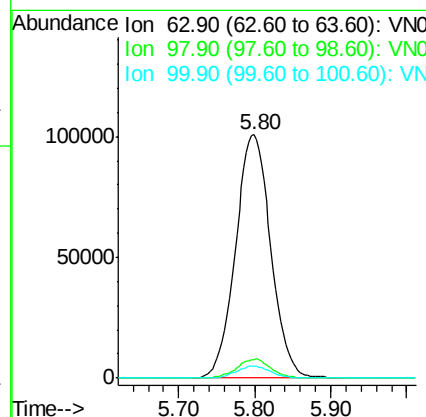
Manual Integrations
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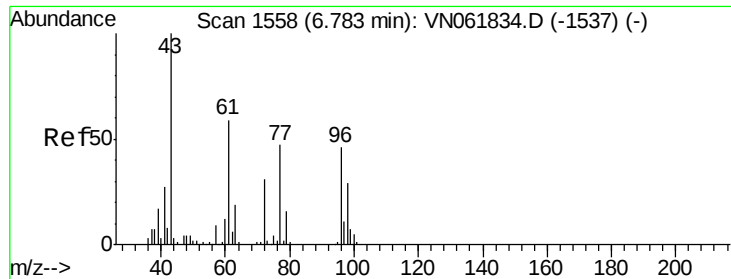
MMDadoda
6/22/2020 1:27:18 PM



#24
1,1-Dichloroethane
Concen: 87.666 ug/l
RT: 5.80 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Tgt Ion	Ion	Ratio	Lower	Upper
63	62.90 (62.60 to 63.60): VN0	100		
98	97.90 (97.60 to 98.60): VN0	7.8	3.5	10.4
100	99.90 (99.60 to 100.60): VN0	5.1	2.5	7.4





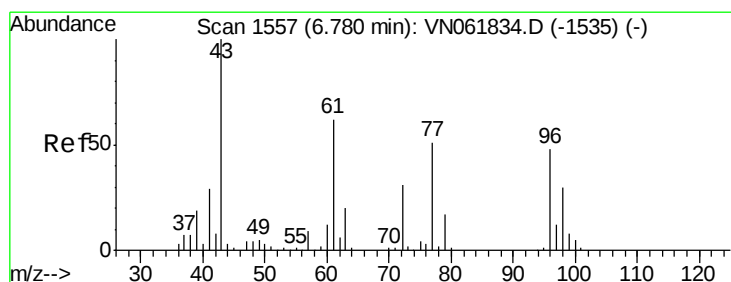
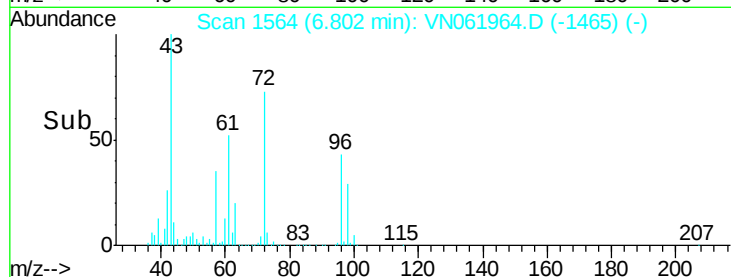
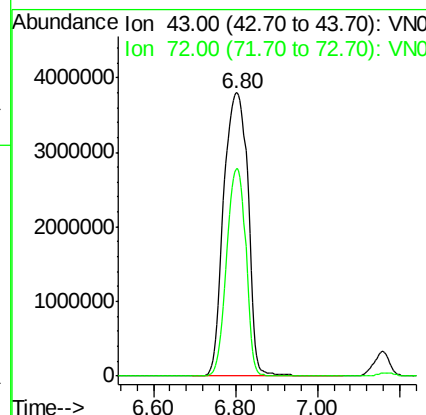
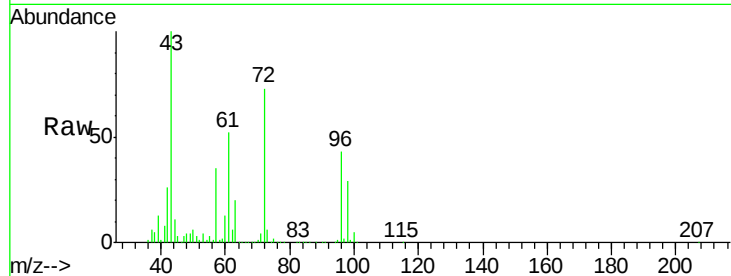
#25
2-Butanone
Concen: 14677.186 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. 0.02 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
KY032MW006-200616

Tot Ion: 43 Resp:15531776
Ion Ratio Lower Upper
43 100
72 73.2 24.6 37.0#

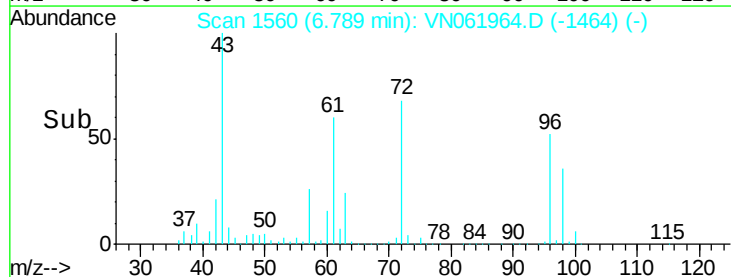
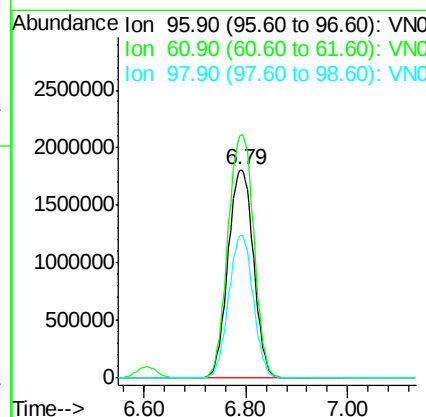
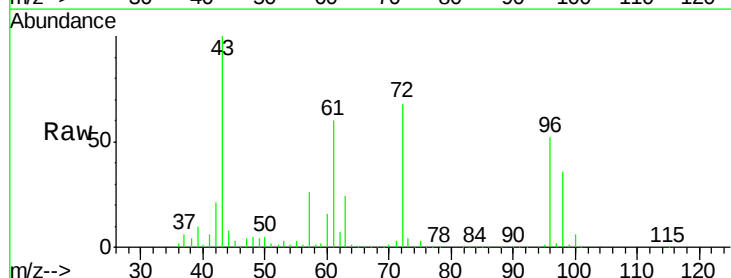
Manual Integrations
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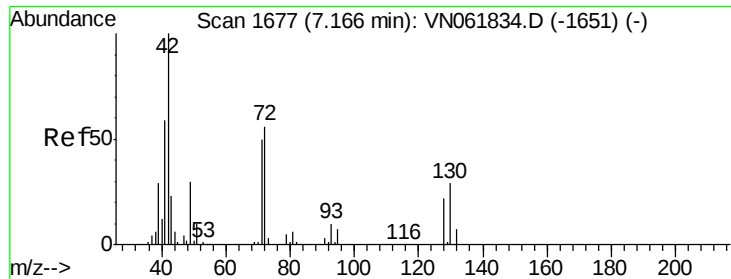
MMDadoda
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#27
cis-1,2-Dichloroethene
Concen: 2550.243 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Tgt Ion: 96 Resp: 6287546
Ion Ratio Lower Upper
96 100
61 118.8 0.0 265.6
98 66.1 0.0 128.2





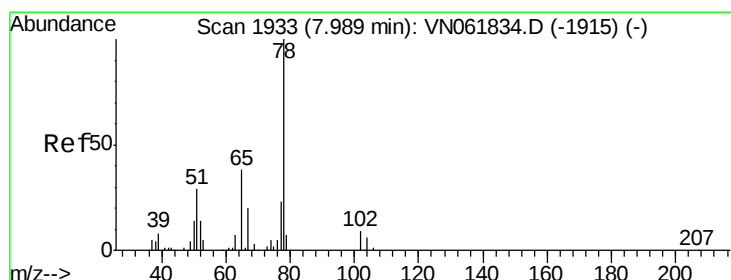
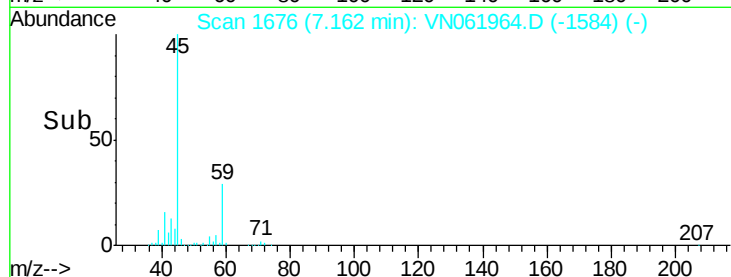
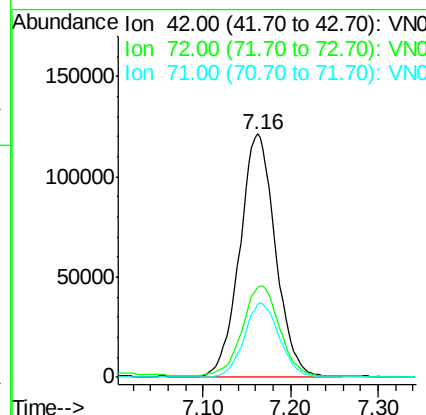
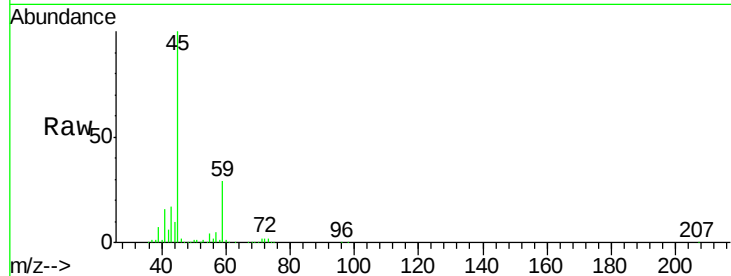
#29
Tetrahydrofuran
Concen: 489.954 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.3	44.0	66.0#
71	30.5	40.0	60.0#

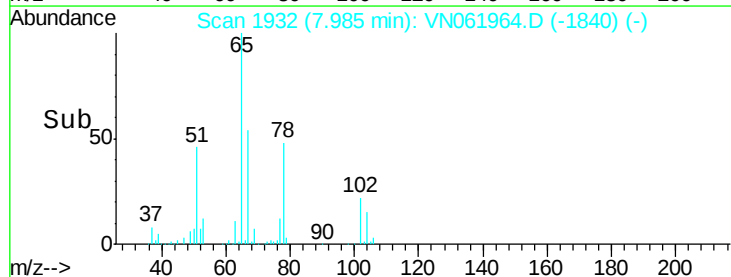
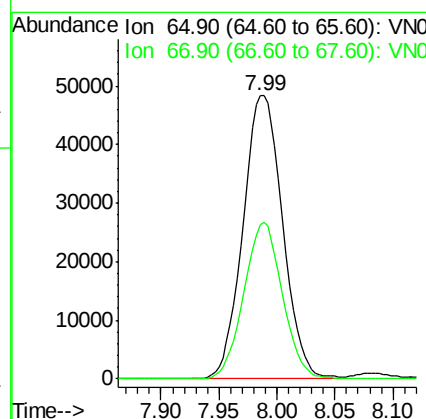
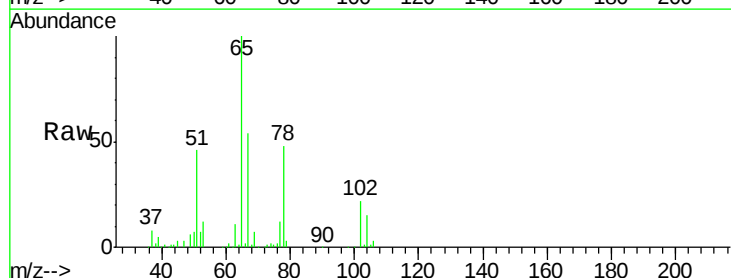
Manual Integrations
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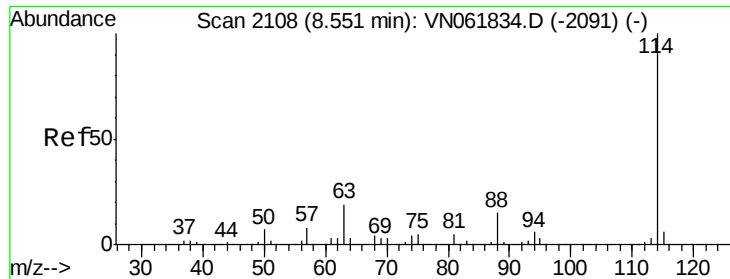
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#33
1,2-Dichloroethane-d4
Concen: 46.851 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.2





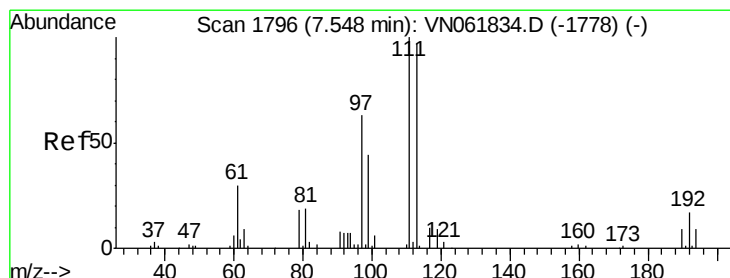
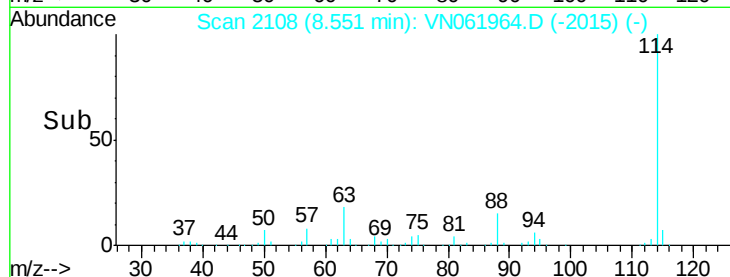
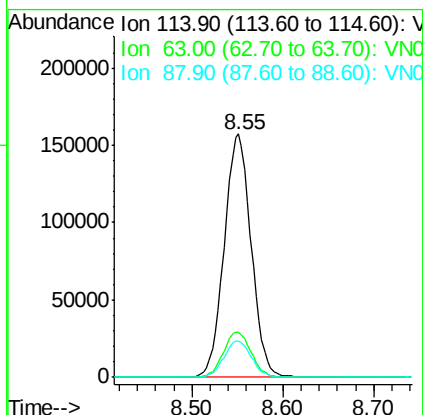
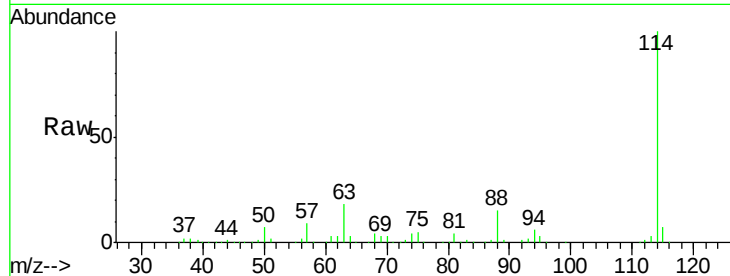
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Resp	Lower	Upper
114	100	323183		
63	18.4	0.0	37.6	
88	15.0	0.0	31.0	

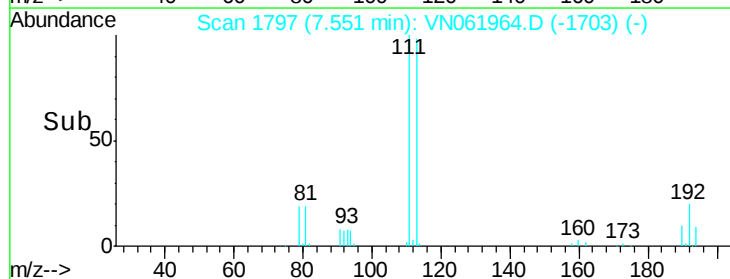
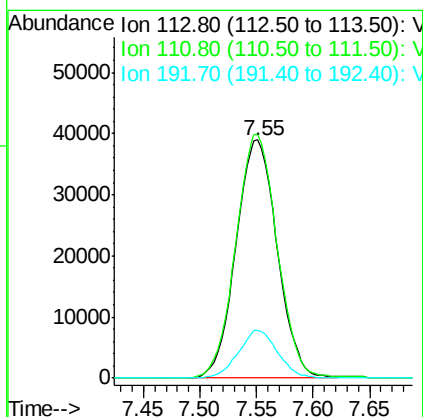
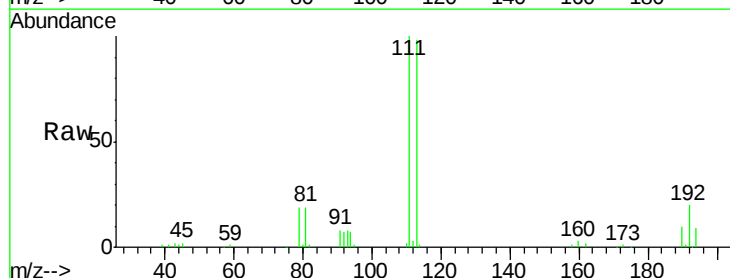
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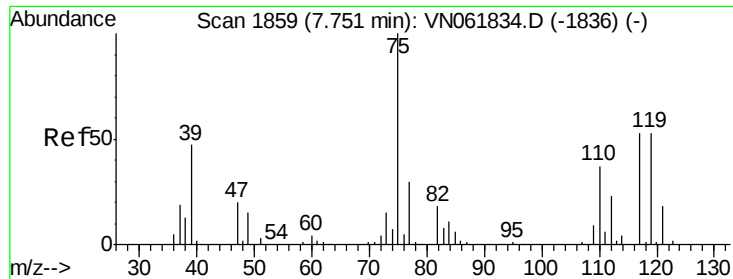
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#35
Dibromofluoromethane
Concen: 47.797 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	98822		
111	102.4	83.7	125.5	
192	19.1	13.9	20.9	





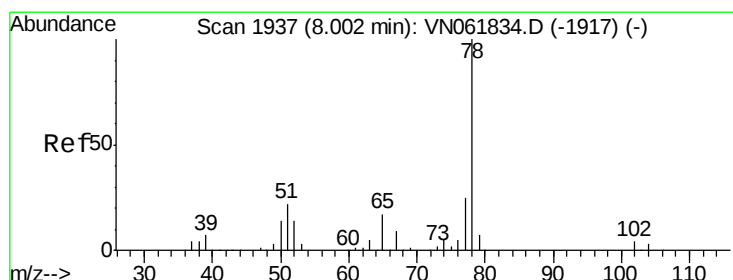
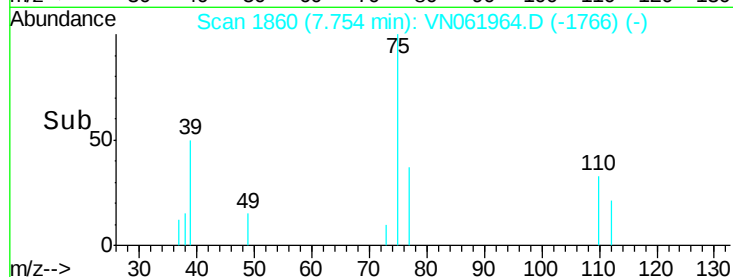
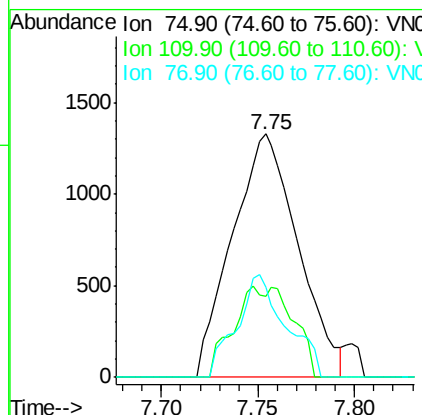
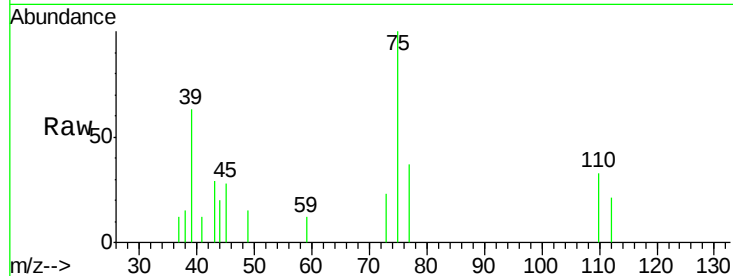
#36
 1,1-Dichloropropene
 Concen: 1.065 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
75	100		
110	18.8	18.2	54.6
77	31.8	24.2	36.4

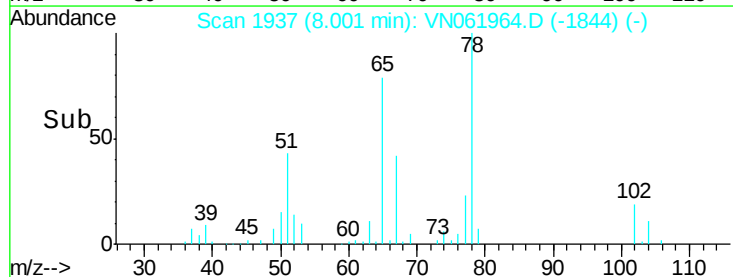
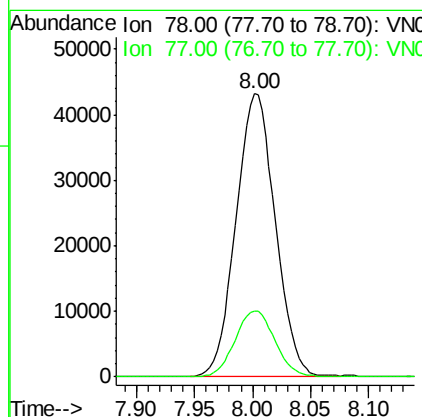
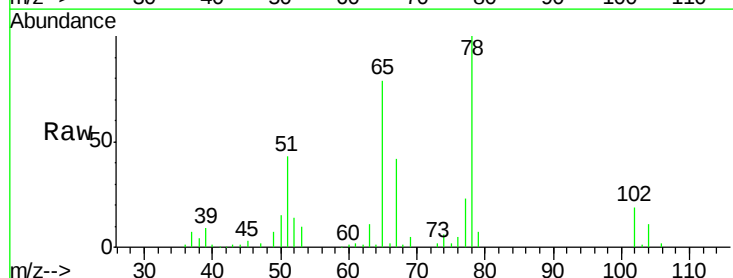
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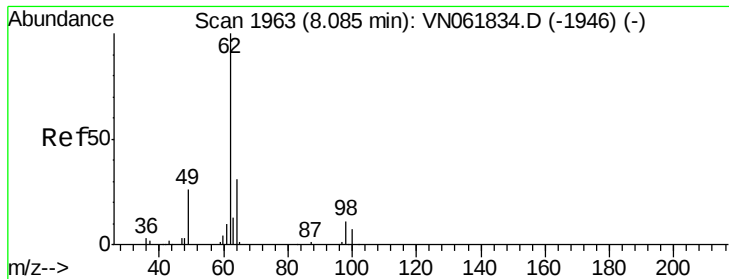
MMDadoda
 6/22/2020 1:27:18 PM



#40
 Benzene
 Concen: 11.413 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.7	29.5





#42

1,2-Dichloroethane

Concen: 16.081 ug/l

RT: 8.08 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

KY032MW006-200616

Tot Ion: 62 Resp: 48962

Ion Ratio Lower Upper

62 100

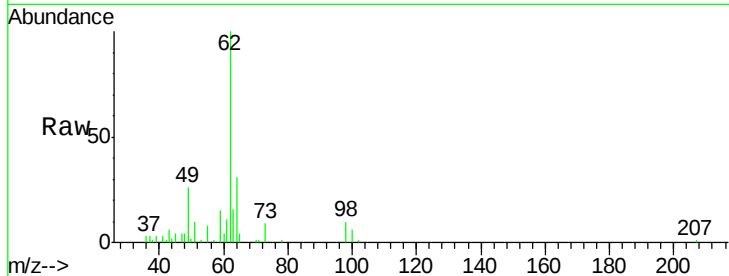
98 10.1 0.0 20.4

Manual Integrations

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Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

25000

20000

15000

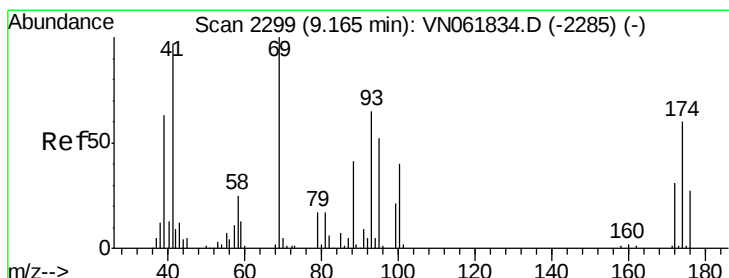
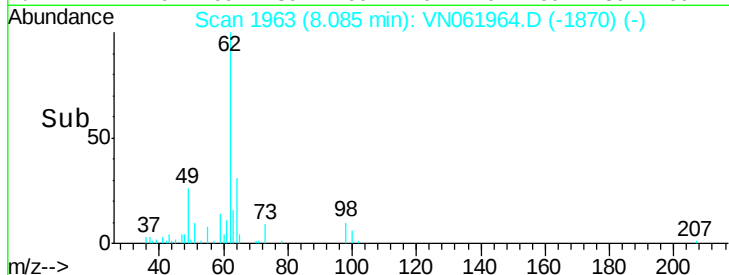
10000

5000

0

8.00 8.05 8.10 8.15 8.20

Time-->



#49

1,4-Dioxane

Concen: 22237.719 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

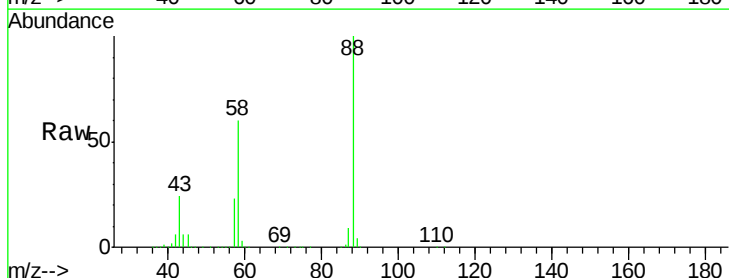
Tgt Ion: 88 Resp: 900698

Ion Ratio Lower Upper

88 100

43 23.8 23.4 35.2

58 59.9 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

600000

500000

400000

300000

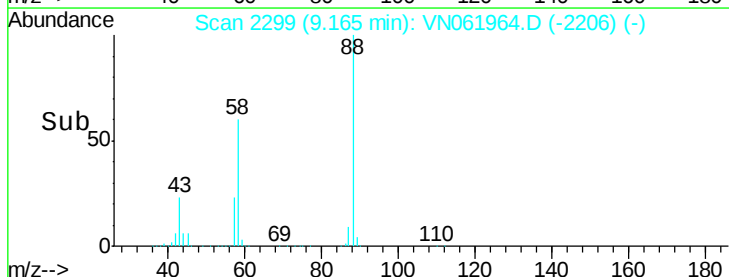
200000

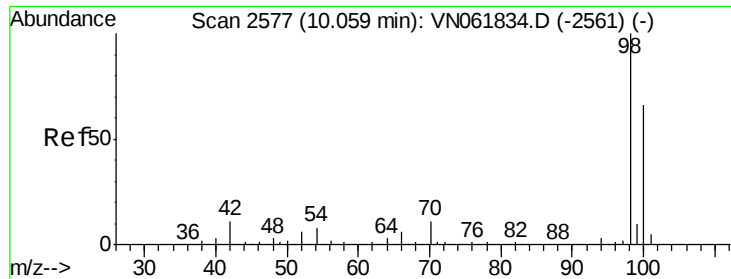
100000

0

9.10 9.20 9.30

Time-->





#50

Toluene-d8

Concen: 54.861 ug/l

RT: 10.07 min Scan# 2579

Delta R.T. 0.01 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

KY032MW006-200616

Tot Ion: 98 Resp: 445936

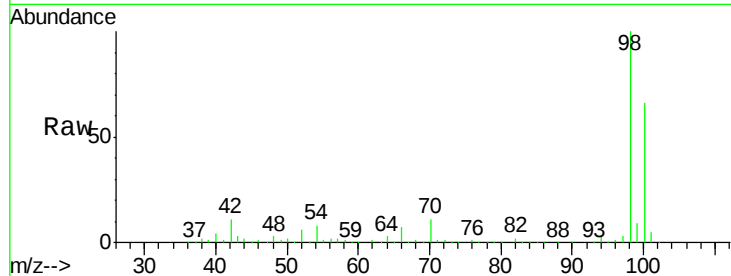
Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

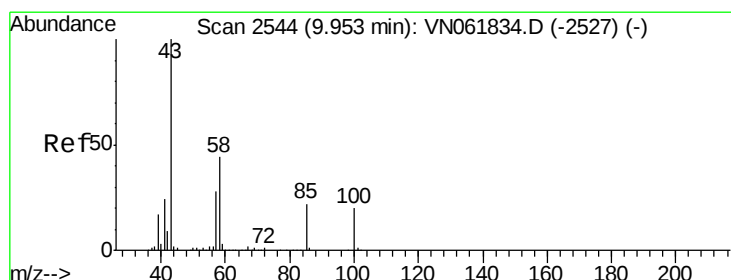
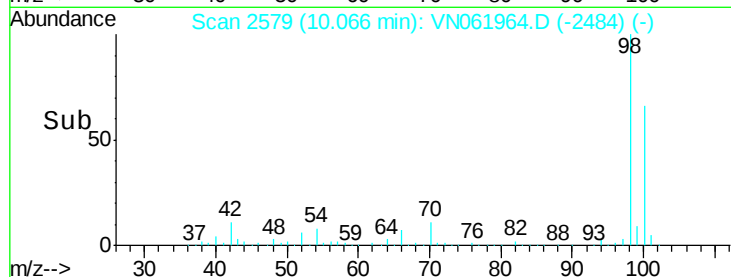
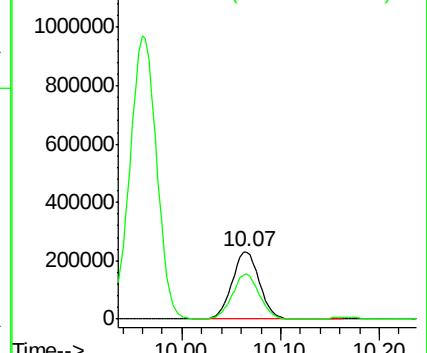
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 3026.354 ug/l

RT: 9.96 min Scan# 2546

Delta R.T. 0.01 min

Lab File: VN061964.D

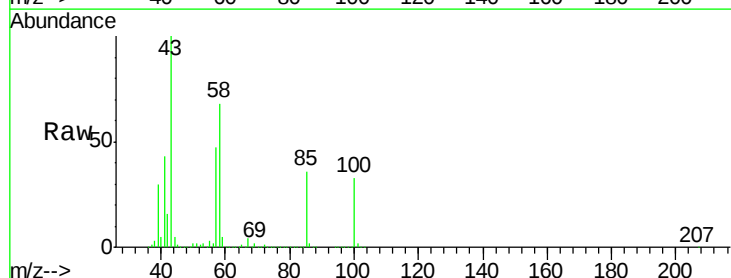
Acq: 19 Jun 2020 20:00

Tgt Ion: 43 Resp: 6937661

Ion Ratio Lower Upper

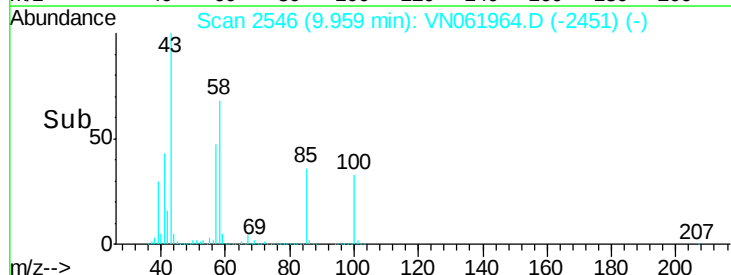
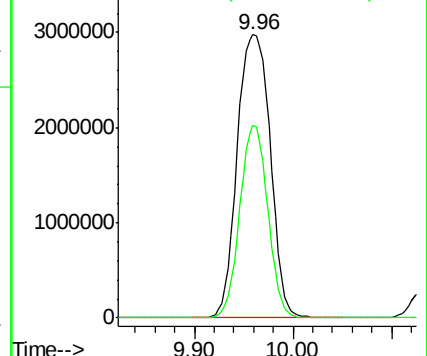
43 100

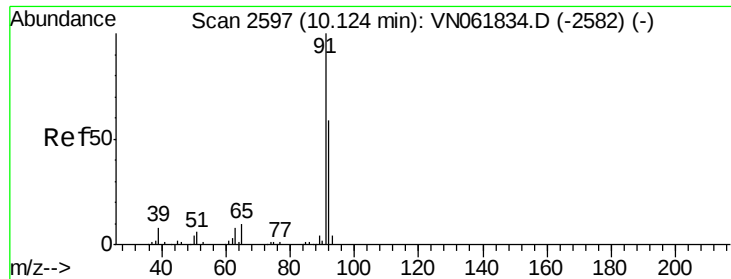
58 57.3 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 2147.962 ug/l

RT: 10.14 min Scan# 2601

Delta R.T. 0.01 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

KY032MW006-200616

Tot Ion: 92 Resp: 12045805

Ion Ratio Lower Upper

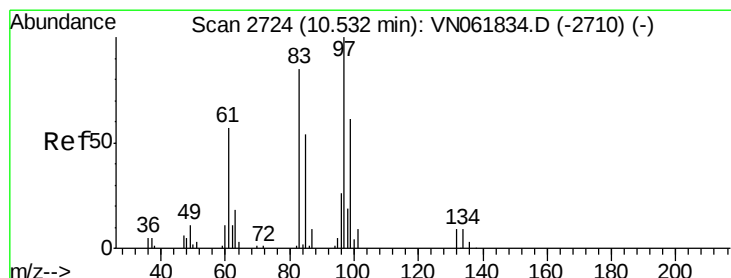
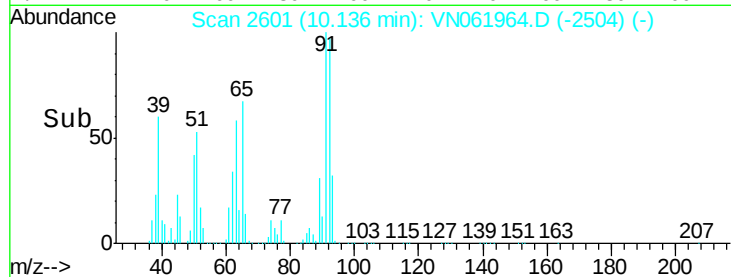
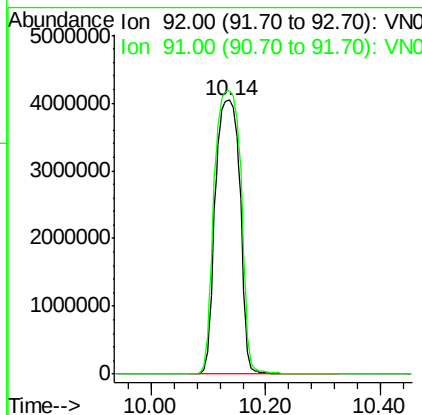
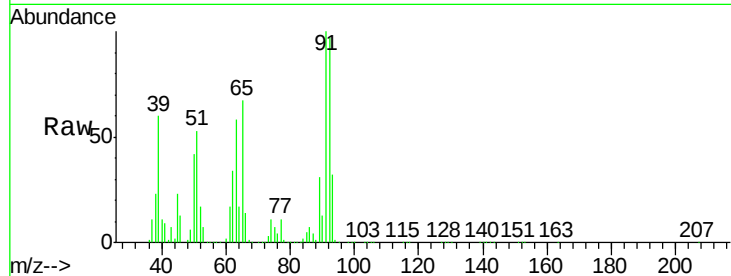
92 100

91 112.5 137.1 205.7#

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#55

1,1,2-Trichloroethane

Concen: 0.782 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Tgt Ion: 97 Resp: 1726

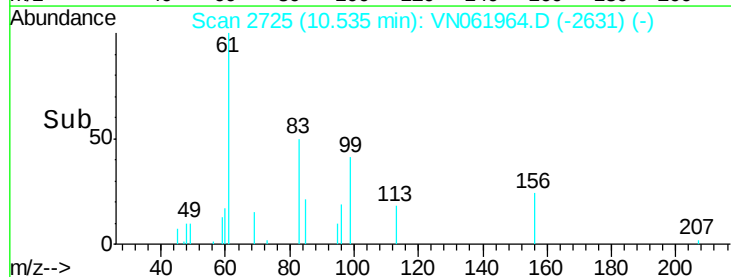
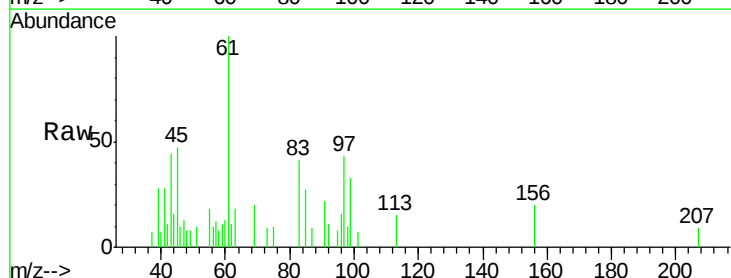
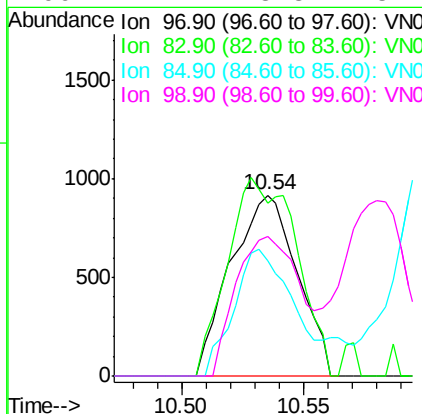
Ion Ratio Lower Upper

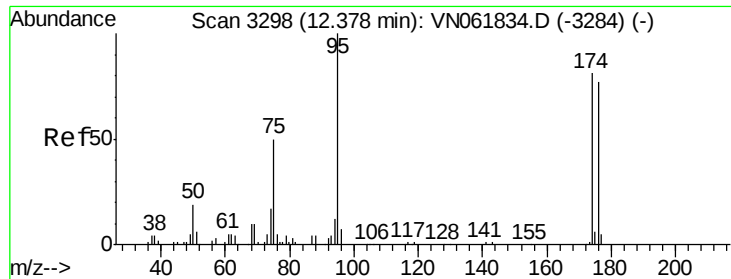
97 100

83 95.5 67.7 101.5

85 63.5 43.4 65.0

99 77.2 48.8 73.2#





#62

4-Bromofluorobenzene

Concen: 56.956 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Instrument :

MSVOA_N

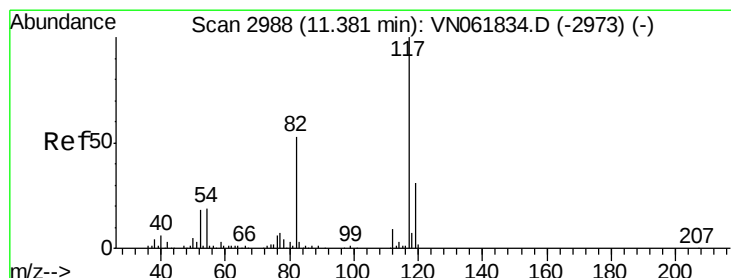
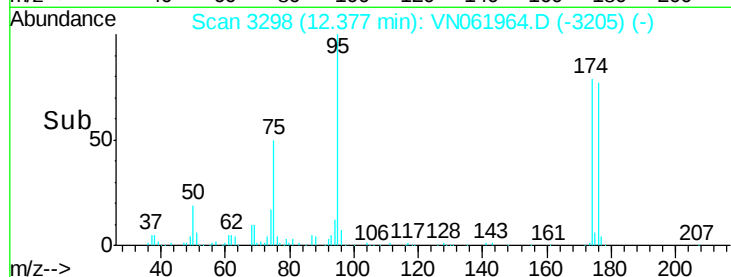
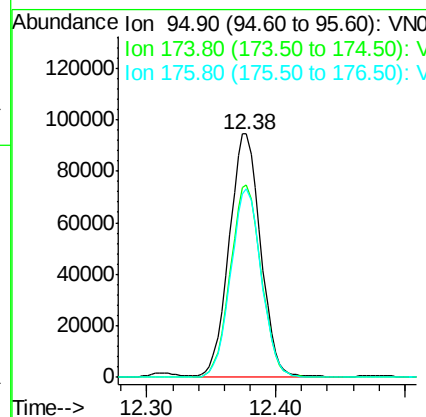
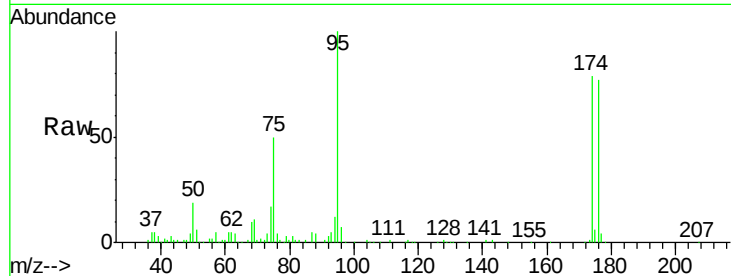
ClientSampleId :

KY032MW006-200616

Tot Ion:	95	Resp:	158804
Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	158.6
176	75.8	0.0	152.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

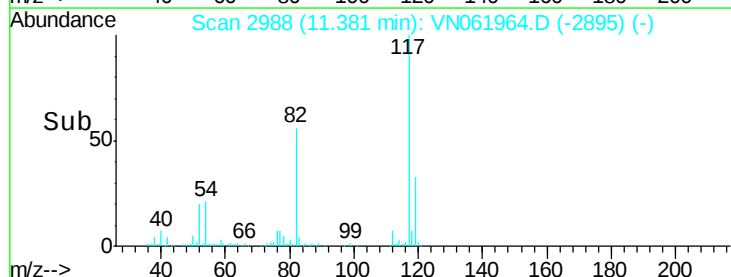
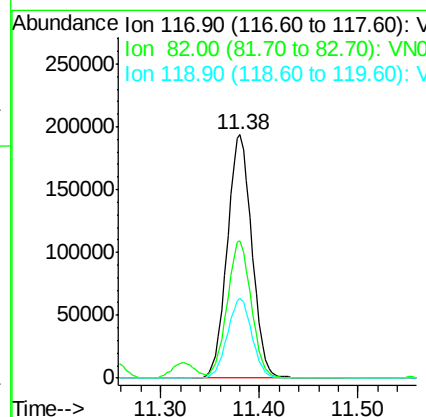
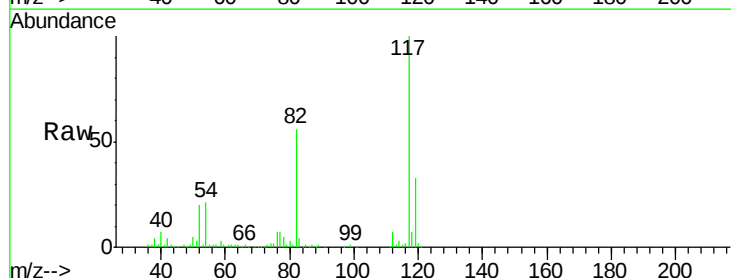
RT: 11.38 min Scan# 2988

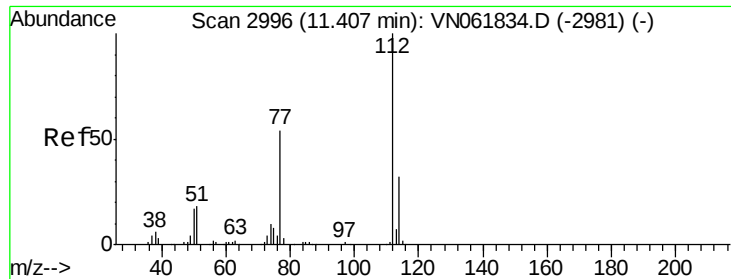
Delta R.T. -0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Tgt Ion:	117	Resp:	339117
Ion	Ratio	Lower	Upper
117	100		
82	56.3	42.6	64.0
119	32.8	24.7	37.1





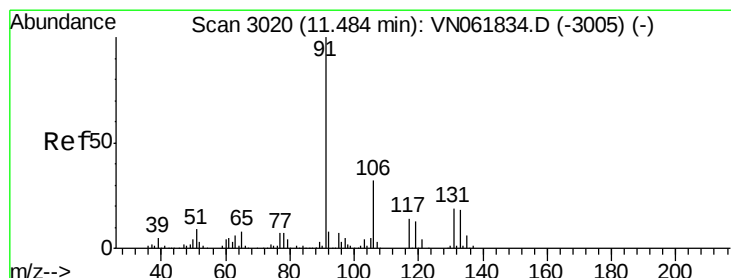
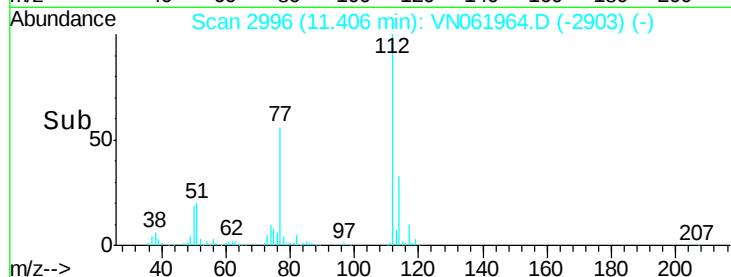
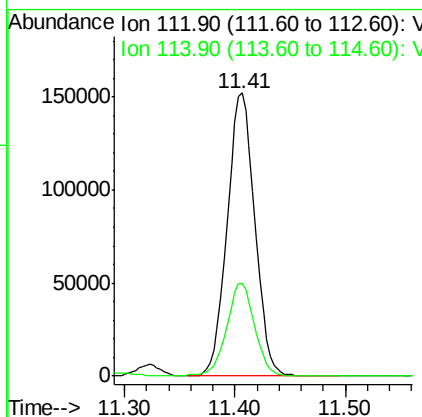
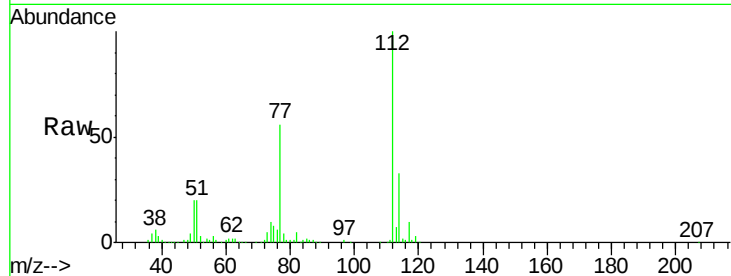
#65
Chlorobenzene
Concen: 36.922 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
KY032MW006-200616

Tot Ion:112 Resp: 264200
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

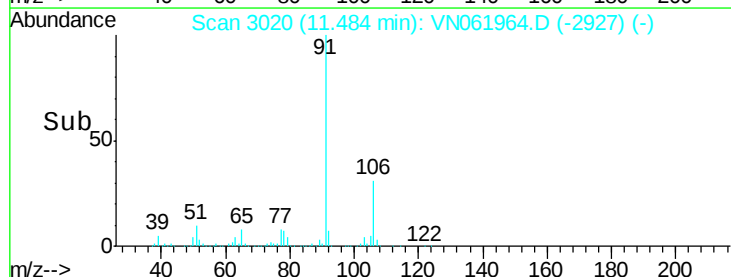
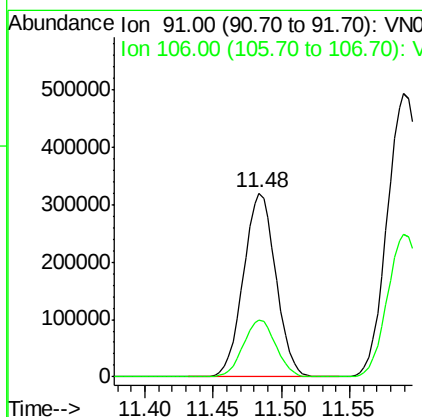
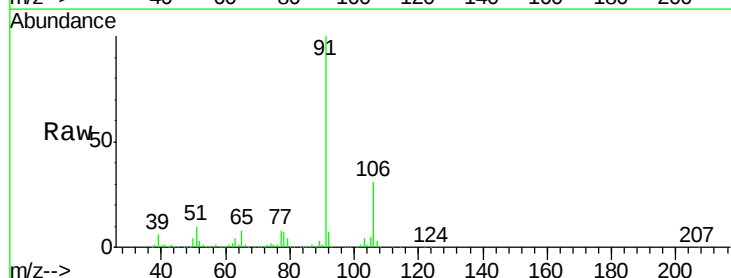
Manual Integrations
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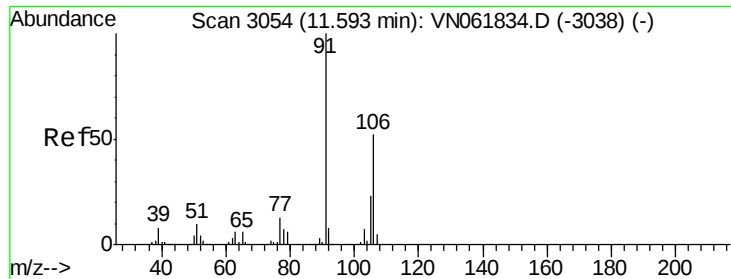
MMDadoda
6/22/2020 1:27:18 PM



#67
Ethyl Benzene
Concen: 43.979 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Tgt Ion: 91 Resp: 527631
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2





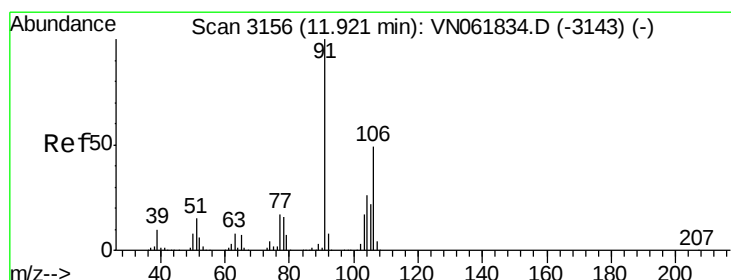
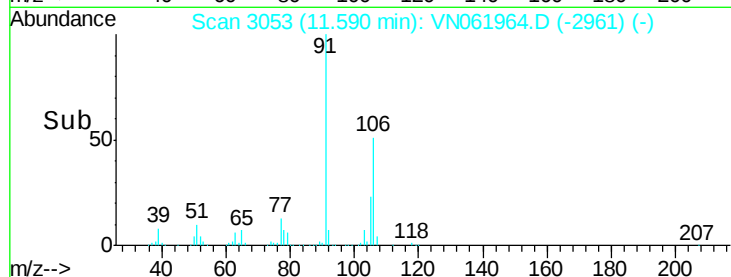
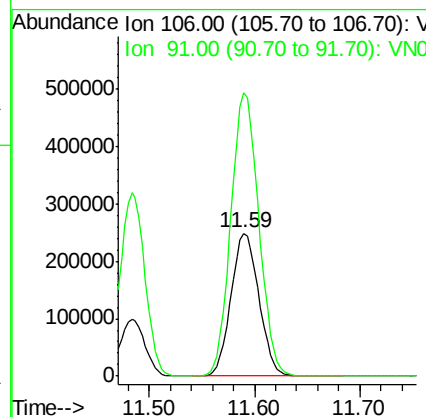
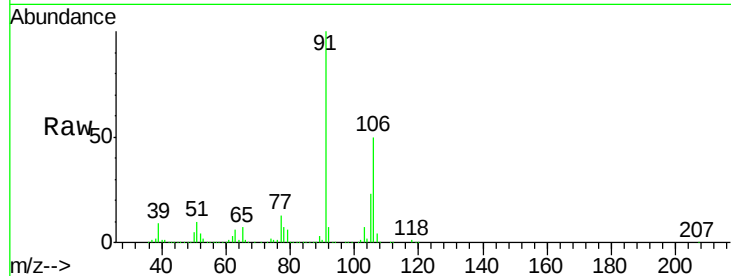
#68
m/p-Xylenes
Concen: 98.422 ug/l
RT: 11.59 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
KY032MW006-200616

Tot Ion:106 Resp: 455321
Ion Ratio Lower Upper
106 100
91 198.6 157.0 235.6

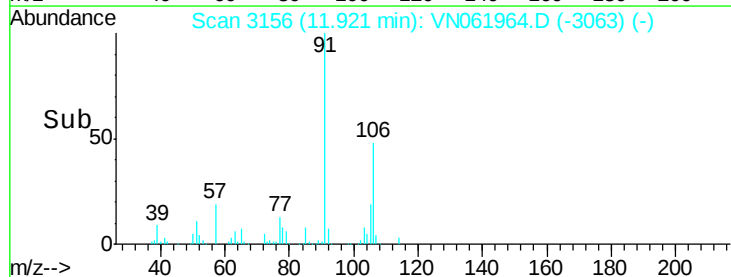
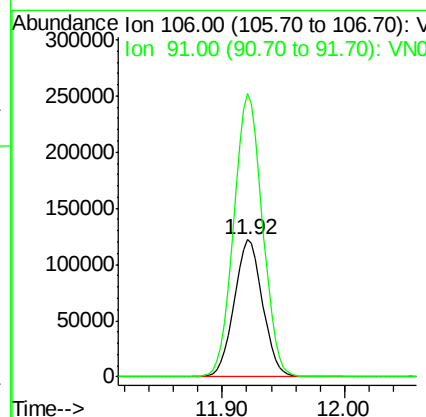
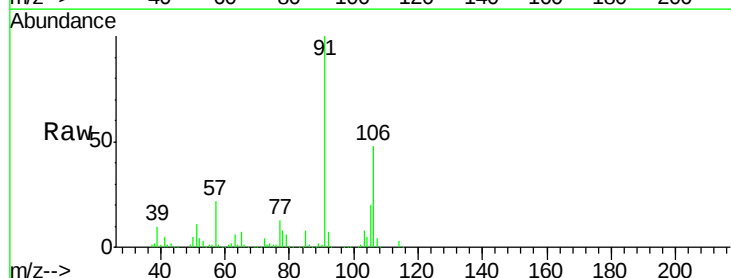
Manual Integrations
APPROVED

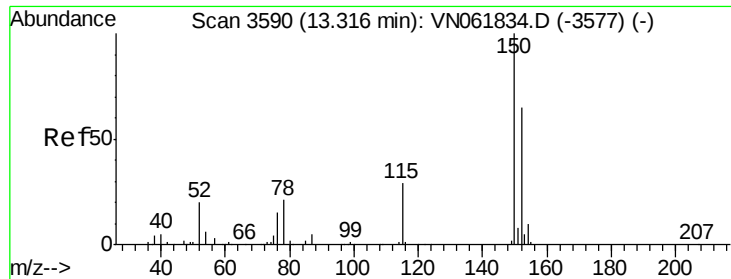
MMDadoda
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#69
o-Xylene
Concen: 44.869 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Tgt Ion:106 Resp: 198055
Ion Ratio Lower Upper
106 100
91 208.4 103.0 308.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Instrument :

MSVOA_N

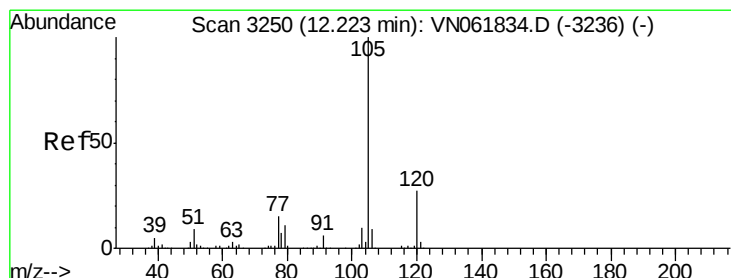
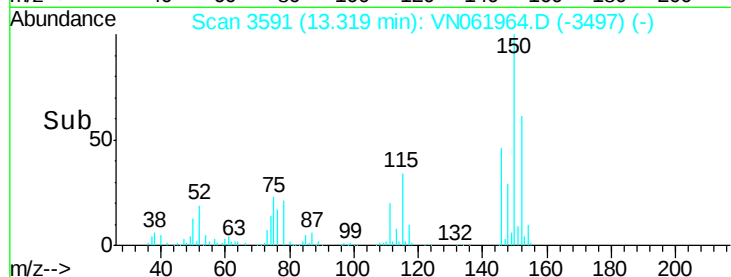
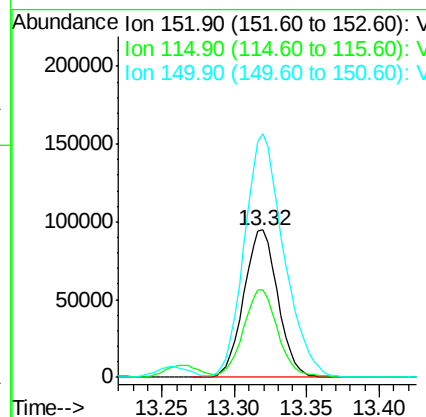
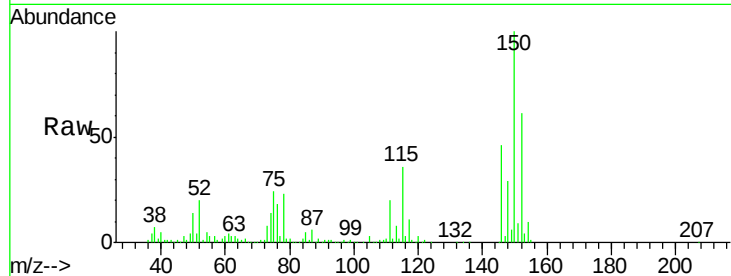
ClientSampleId :

KY032MW006-200616

Tot Ion:	152	Resp:	155167
Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.1	87.3
150	190.3	0.0	347.6

Manual Integrations
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#73

Isopropylbenzene

Concen: 3.661 ug/l

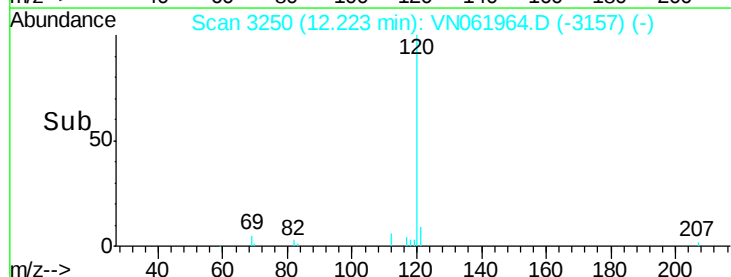
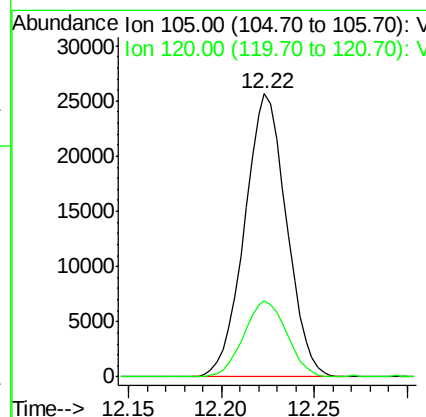
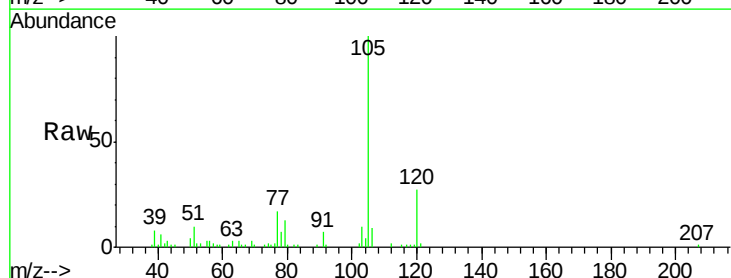
RT: 12.22 min Scan# 3250

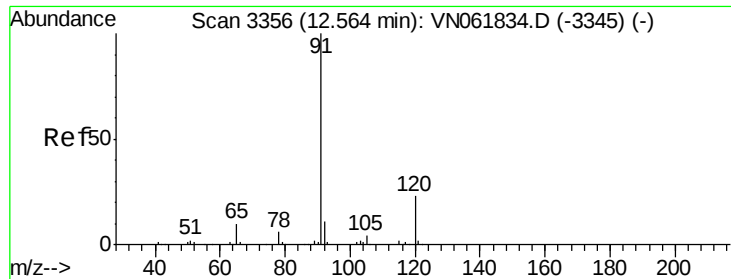
Delta R.T. -0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Tgt Ion:	105	Resp:	40373
Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.3	39.8





#78

n-propylbenzene

Concen: 1.236 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061964.D

Acq: 19 Jun 2020 20:00

Instrument :

MSVOA_N

ClientSampled :

KY032MW006-200616

Tot Ion: 91 Resp: 15557

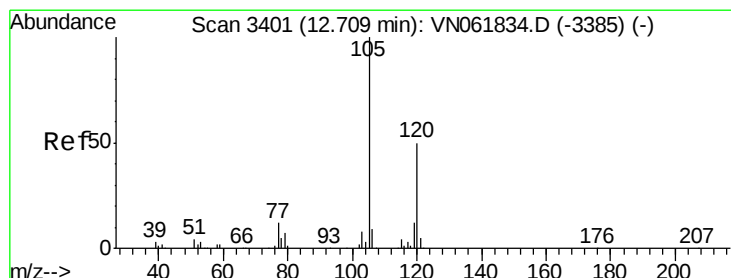
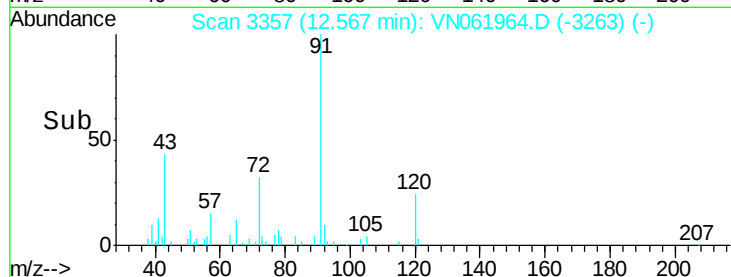
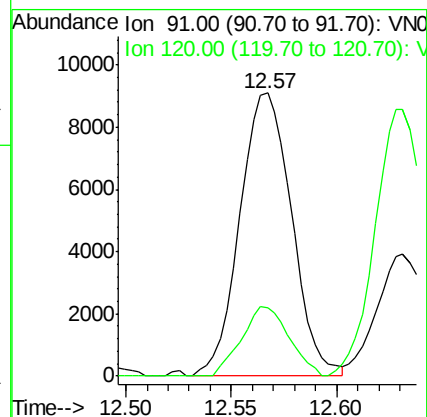
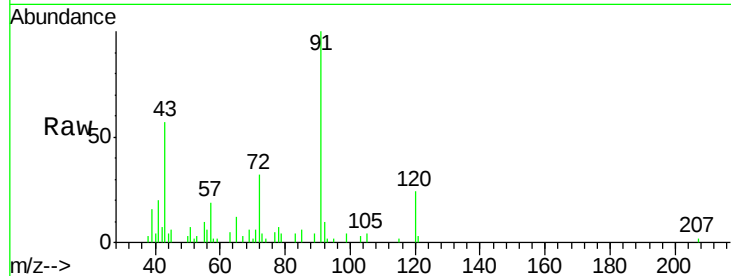
Ion Ratio Lower Upper

91 100

120 22.5 11.6 34.8

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 3.772 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061964.D

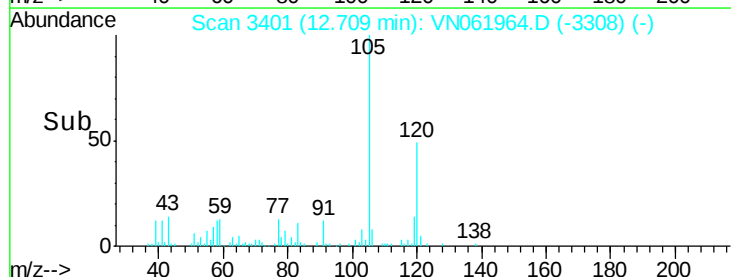
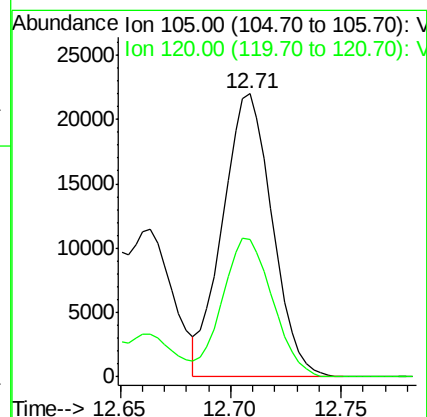
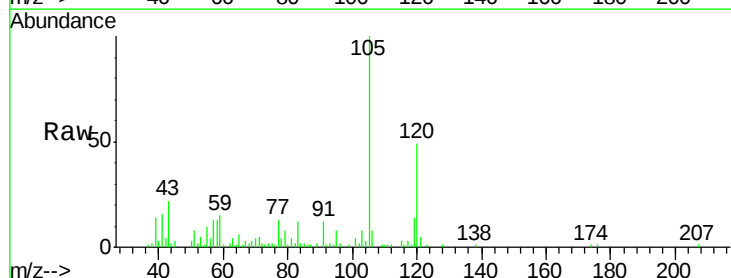
Acq: 19 Jun 2020 20:00

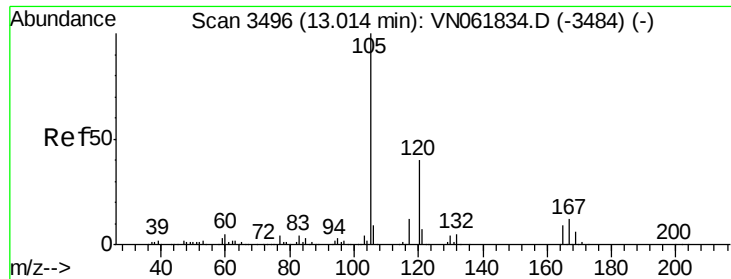
Tgt Ion: 105 Resp: 34413

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.7





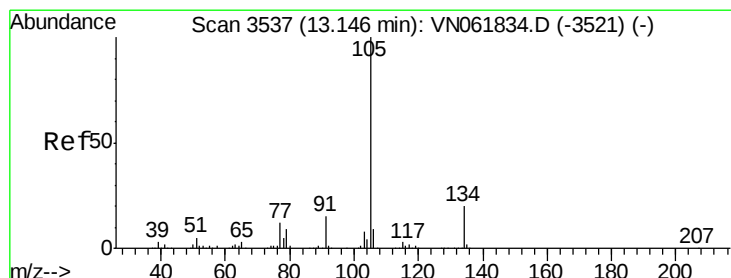
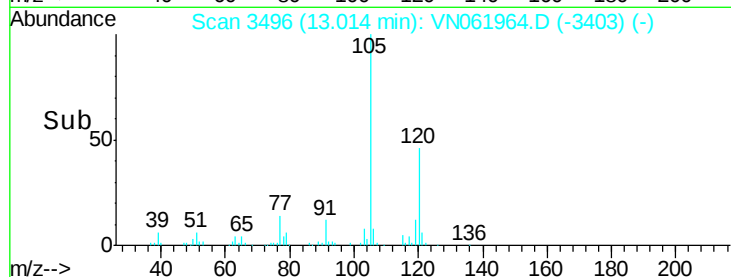
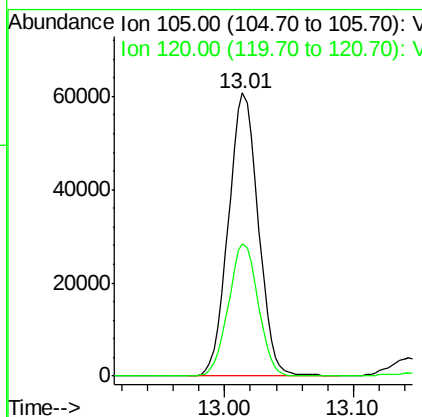
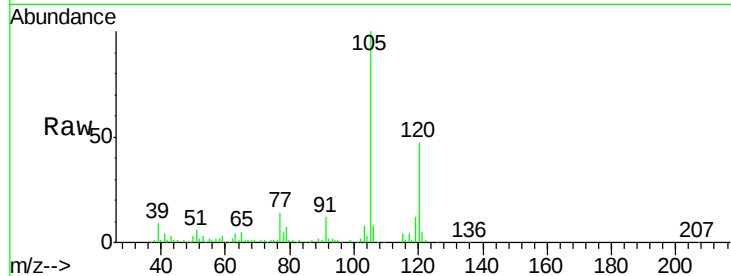
#84
 1,2,4-Trimethylbenzene
 Concen: 10.869 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 KY032MW006-200616

Tot Ion:105 Resp: 97878
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.9

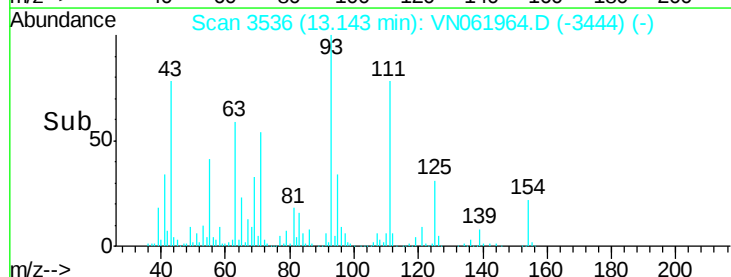
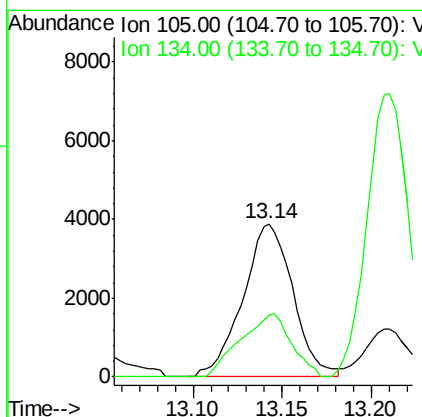
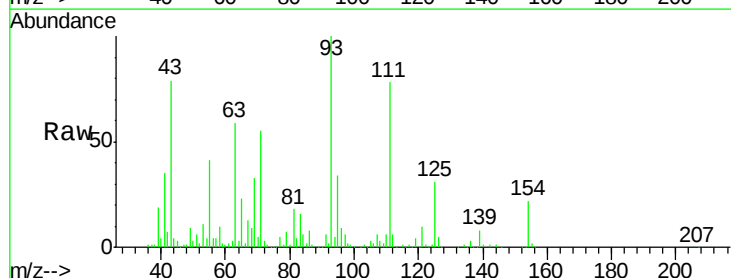
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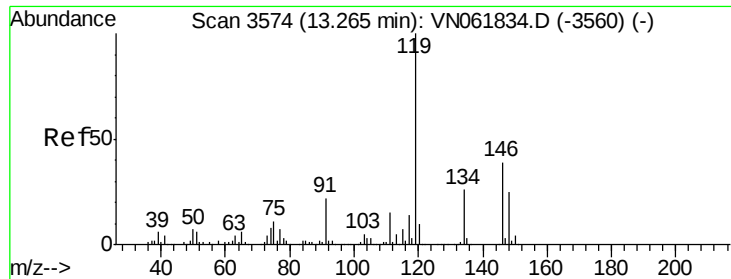
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#85
 sec-Butylbenzene
 Concen: 0.755 ug/l
 RT: 13.14 min Scan# 3536
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Tgt Ion:105 Resp: 7640
 Ion Ratio Lower Upper
 105 100
 134 41.7 10.1 30.1#





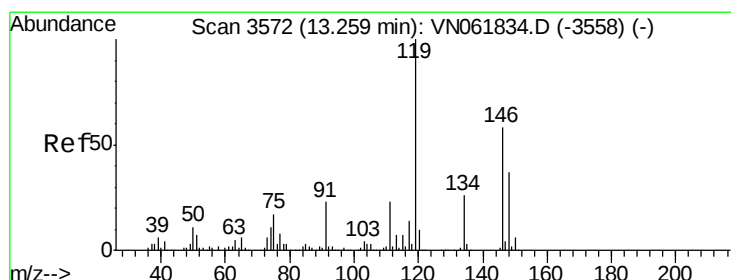
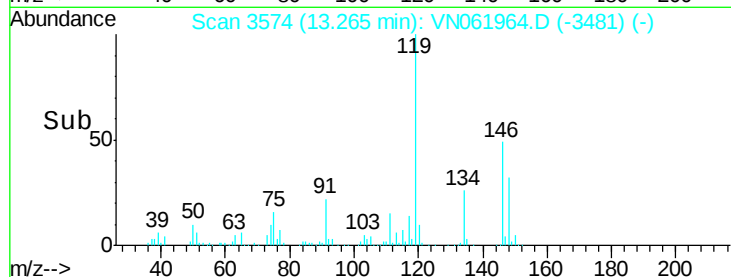
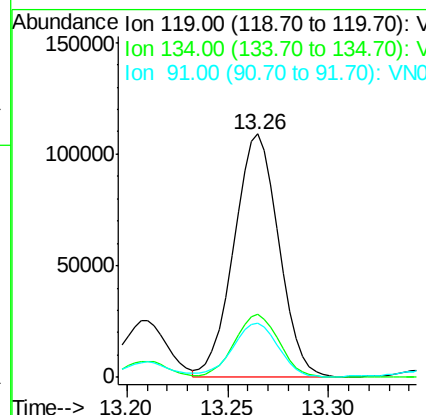
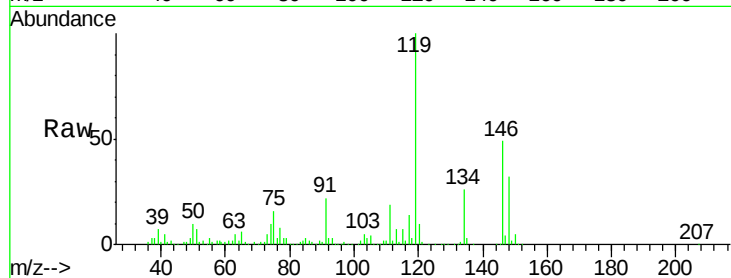
#86
 p-Isopropyltoluene
 Concen: 18.664 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.3	39.9
91	22.4	11.2	33.6

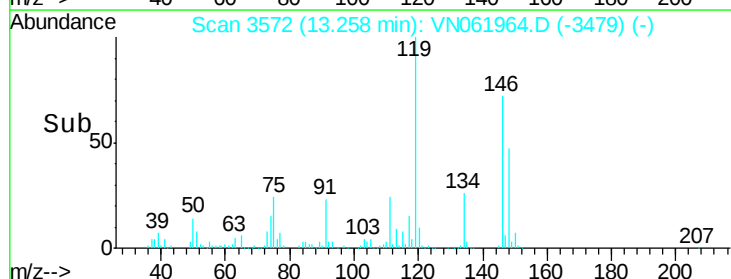
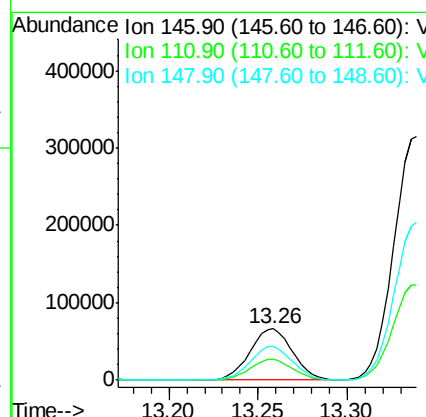
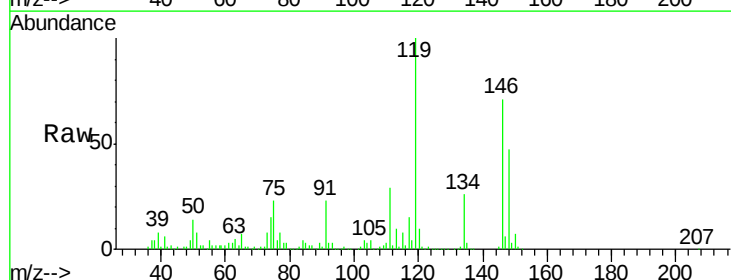
Manual Integrations
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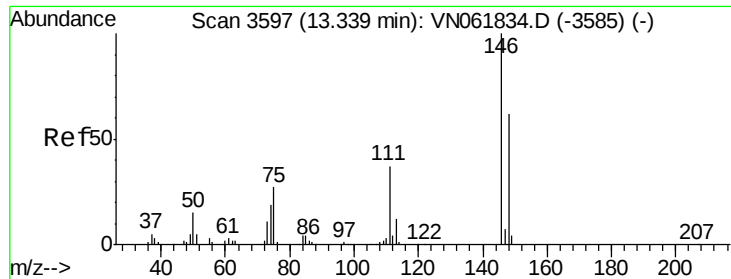
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#87
 1,3-Dichlorobenzene
 Concen: 22.019 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.8
148	64.3	31.8	95.4





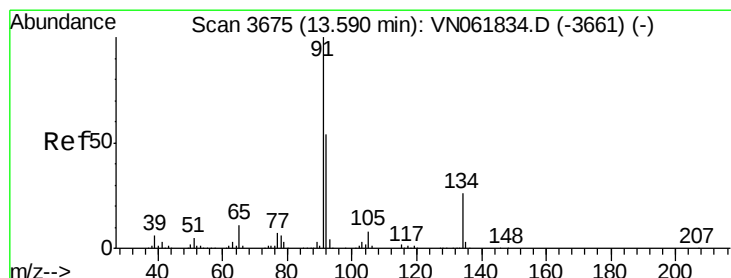
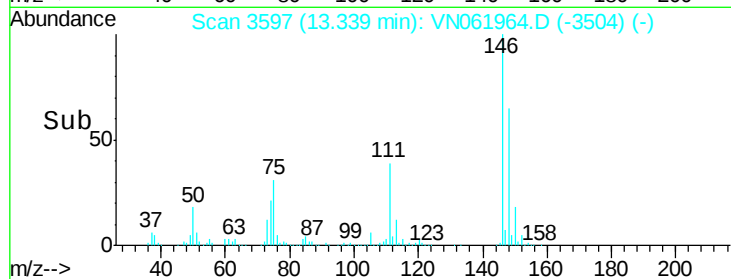
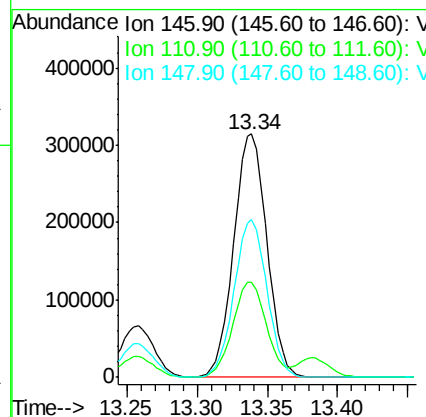
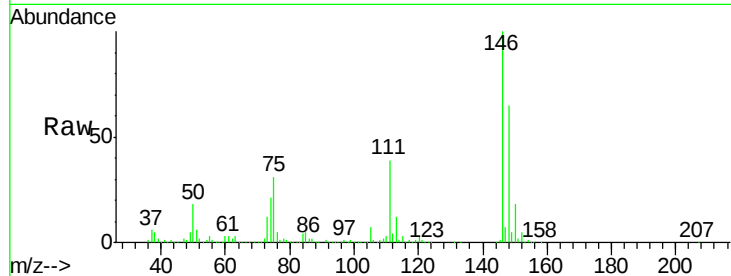
#88
 1,4-Dichlorobenzene
 Concen: 99.760 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 KY032MW006-200616

Tot Ion	Ratio	Resp	Lower	Upper
146	100	518096		
111	39.9	19.3	57.8	
148	64.4	31.6	94.7	

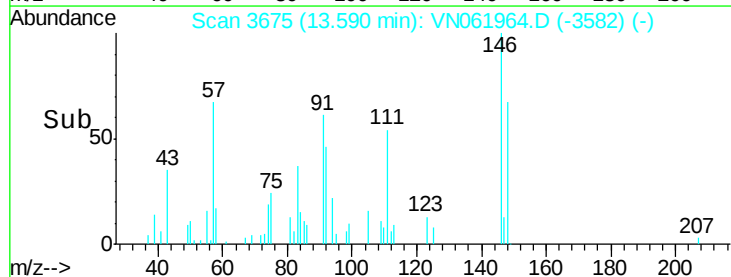
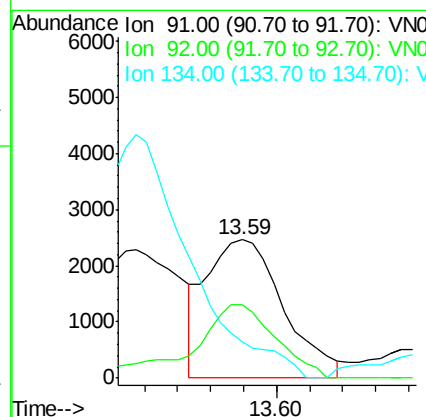
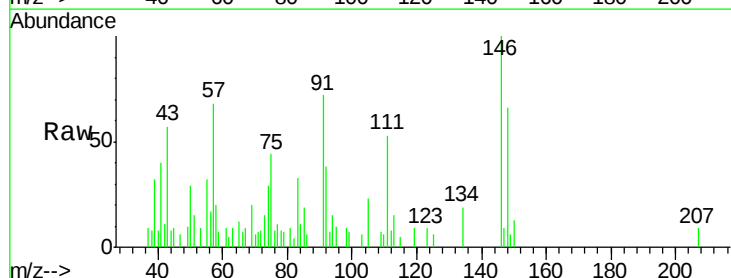
Manual Integrations
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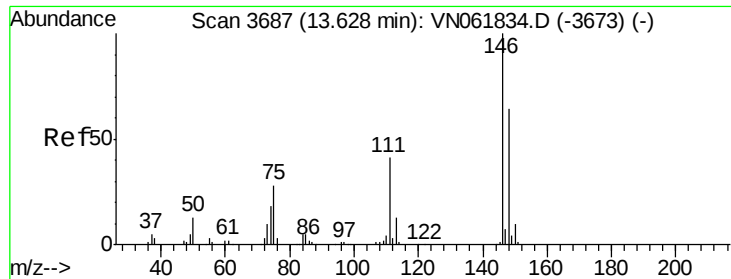
MMDadoda
 6/22/2020 1:27:18 PM



#89
 n-Butylbenzene
 Concen: 0.529 ug/l m
 RT: 13.59 min Scan# 3675
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	3984		
92	65.6	27.0	80.8	
134	25.8	13.0	39.0	





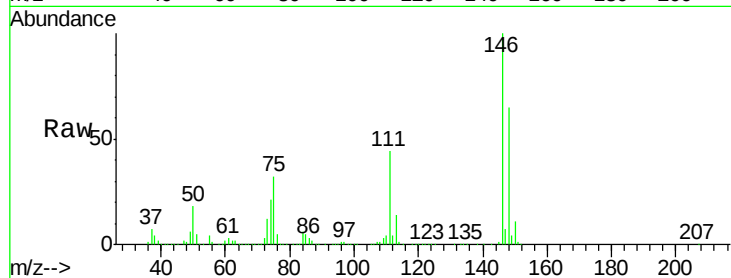
#91
 1,2-Dichlorobenzene
 Concen: 509.289 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 KY032MW006-200616

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.4	61.2
148	64.7	31.8	95.4

Manual Integrations
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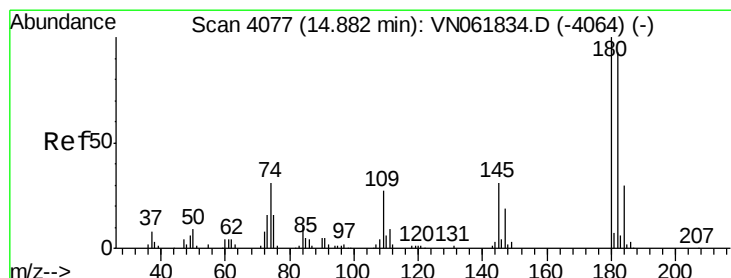
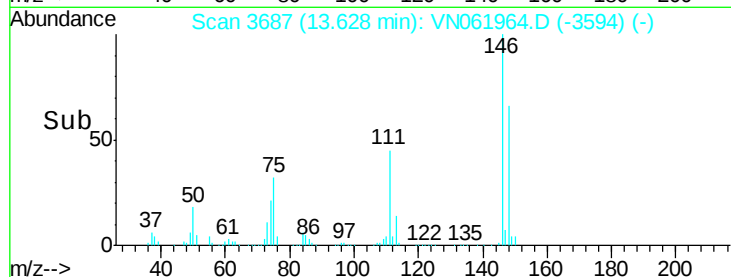
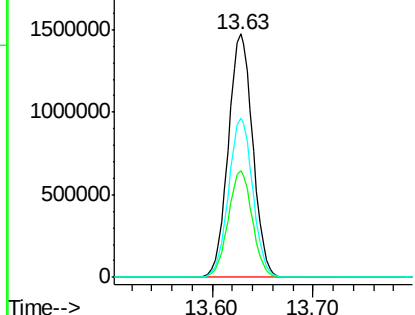


Abundance

Ion 145.90 (145.60 to 146.60): V

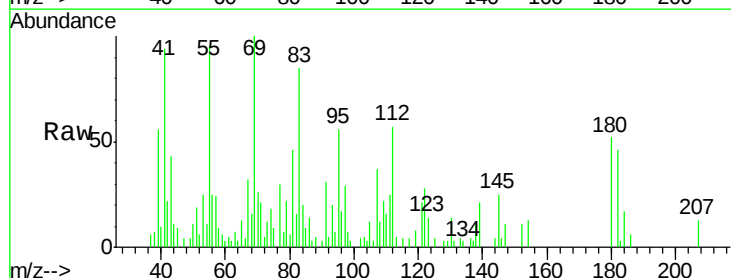
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93
 1,2,4-Trichlorobenzene
 Concen: 2.084 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061964.D
 Acq: 19 Jun 2020 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.0	141.2
145	53.9	15.8	47.3

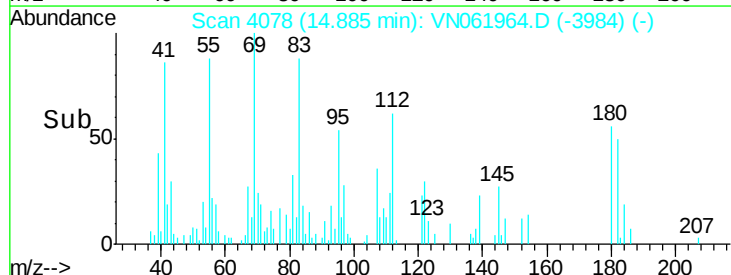
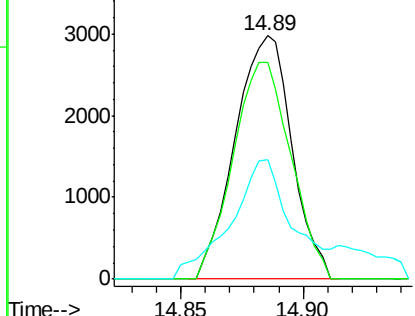


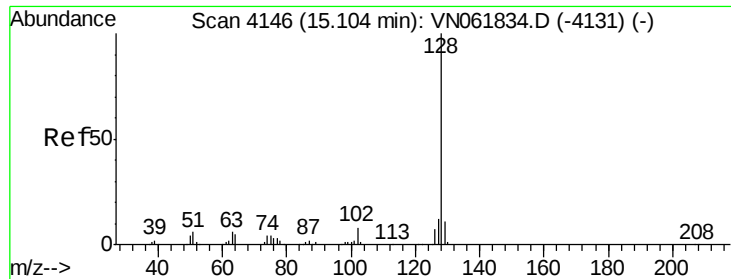
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95
Naphthalene
Concen: 78.503 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061964.D
Acq: 19 Jun 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
KY032MW006-200616

Tot Ion	Ratio	Resp	Lower	Upper
128	100	622393		
127	12.9		10.3	15.5
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/22/2020 1:27:18 PM

