

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061962.D
 Acq On : 19 Jun 2020 19:11
 Operator : JC/MD
 Sample : L3033-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615

Manual Integrations
 APPROVED

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 6/22/2020 1:27:13 PM

Quant Time: Jun 22 01:20:04 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	176770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	315620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163846	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	109395	46.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.28%	
35) Dibromofluoromethane	7.55	113	95773	47.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.86%	
50) Toluene-d8	10.07	98	452611	57.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	114.04%	
62) 4-Bromofluorobenzene	12.38	95	153769	56.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	4636	2.296	ug/l	93
4) Vinyl Chloride	2.14	62	19896863	6802.172	ug/l #	9
7) Trichlorofluoromethane	2.94	101	3796	1.086	ug/l	87
11) Tert butyl alcohol	4.73	59	12911	39.355	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	21575	12.012	ug/l	95
16) Acetone	3.77	43	1986398	2836.596	ug/l	99
20) Methylene Chloride	4.50	84	4566	2.001	ug/l #	80
21) trans-1,2-Dichloroethene	4.99	96	66269	32.123	ug/l	97
22) Diisopropyl ether	5.90	45	16686	3.061	ug/l	90
25) 2-Butanone	6.79	43	2301307	2252.423	ug/l	95
27) cis-1,2-Dichloroethene	6.78	96	11046234	4640.537	ug/l	80
30) Chloroform	7.33	83	20433	5.357	ug/l	97
31) Cyclohexane	7.61	56	24760	7.925	ug/l #	92
39) Methylcyclohexane	9.05	83	41296	13.322	ug/l	92
40) Benzene	8.00	78	322069	36.932	ug/l	100
42) 1,2-Dichloroethane	8.09	62	5901	1.985	ug/l	92
44) Trichloroethene	8.80	130	1942	0.846	ug/l	94
51) 4-Methyl-2-Pentanone	9.96	43	9657898	4313.931	ug/l #	59
52) Toluene	10.13	92	9330740	1703.691	ug/l #	60
55) 1,1,2-Trichloroethane	10.53	97	53397	24.780	ug/l	98
65) Chlorobenzene	11.41	112	2417994	341.979	ug/l	98
67) Ethyl Benzene	11.48	91	2545505	214.723	ug/l	99
68) m/p-Xylenes	11.59	106	2261657	494.759	ug/l	93
69) o-Xylene	11.92	106	1287470	295.181	ug/l	99
73) Isopropylbenzene	12.22	105	121859	10.466	ug/l	99
78) n-propylbenzene	12.57	91	222161	16.722	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	723464	75.106	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2044939	215.061	ug/l	100
85) sec-Butylbenzene	13.15	105	33556m	3.139	ug/l	
86) p-Isopropyltoluene	13.26	119	64953	6.820	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	228774	42.702	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	563521	102.759	ug/l	99
89) n-Butylbenzene	13.59	91	14852	1.867	ug/l #	58
91) 1,2-Dichlorobenzene	13.63	146	3759780	728.979	ug/l	93

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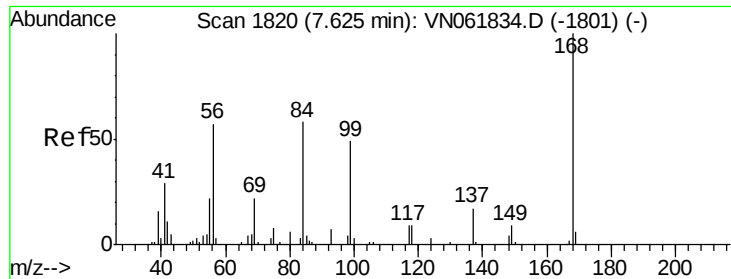
Manual Integrations
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Quant Time: Jun 22 01:20:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	13652	5.609	ug/l	92
95) Naphthalene	15.10	128	1255600	146.810	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	9737	4.040	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion:168 Resp: 176770

Ion Ratio Lower Upper

168 100

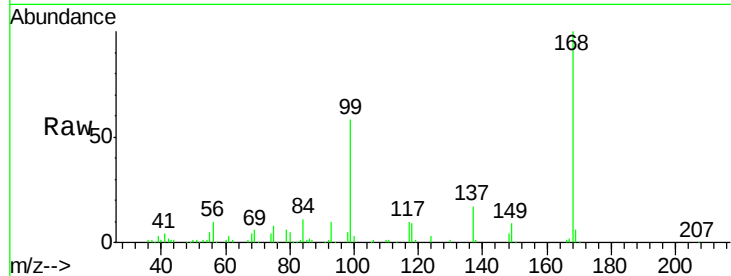
99 58.0 44.6 67.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

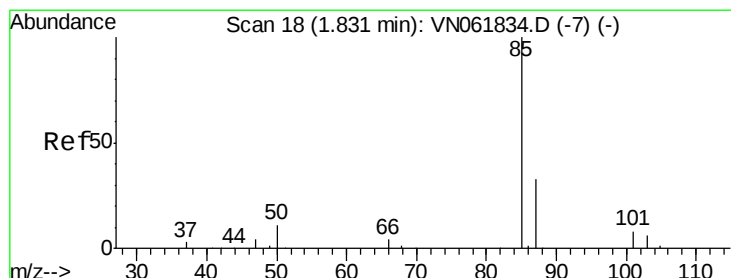
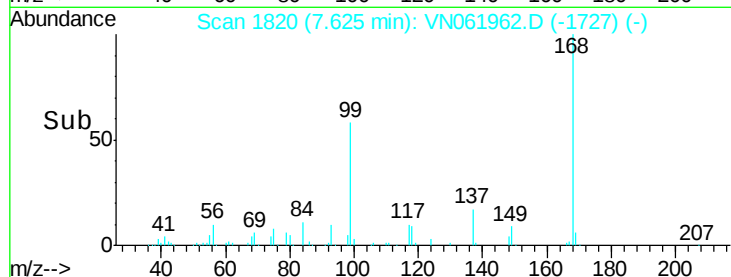
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.296 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061962.D

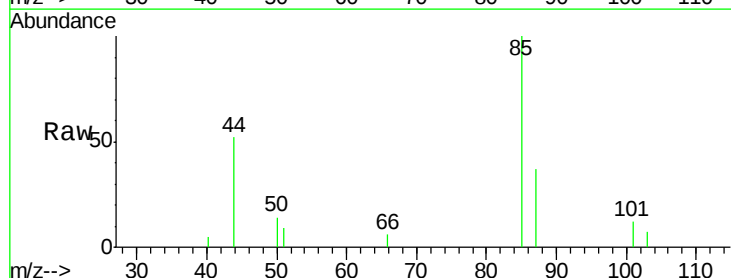
Acq: 19 Jun 2020 19:11

Tgt Ion: 85 Resp: 4636

Ion Ratio Lower Upper

85 100

87 37.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

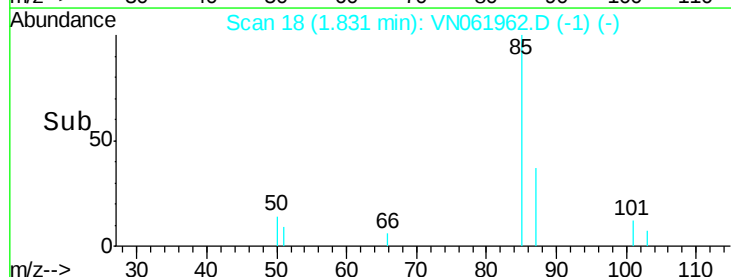
3000

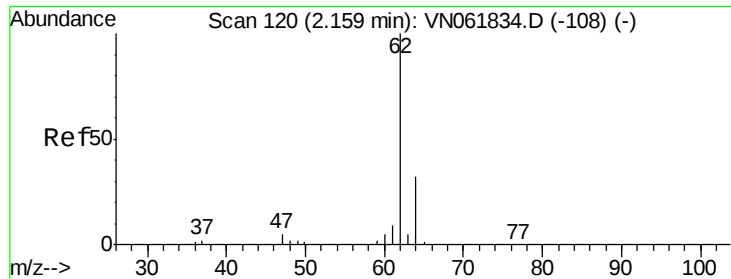
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 6802.172 ug/l

RT: 2.14 min Scan# 115

Delta R.T. -0.02 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion: 62 Resp: 19896863

Ion Ratio Lower Upper

62 100

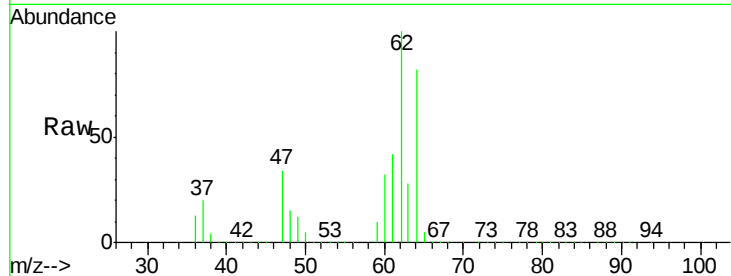
64 82.3 25.5 38.3#

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Abundance Ion 61.90 (61.60 to 62.60): VN061834.D (-108) (-)

Ion 63.90 (63.60 to 64.60): VN061834.D (-108) (-)

2.14

4000000

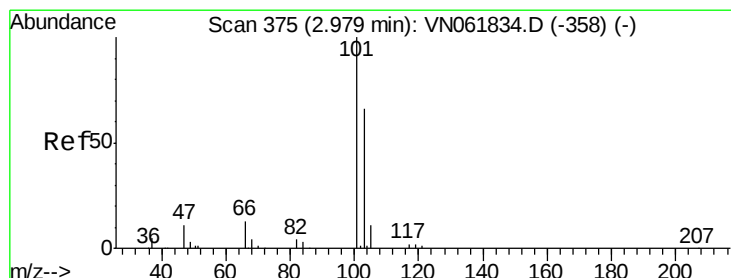
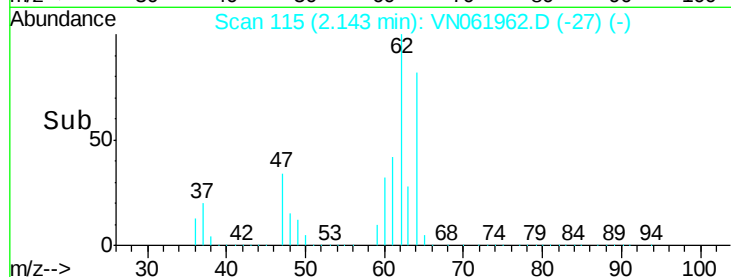
3000000

2000000

1000000

0

Time-->



#7

Trichlorofluoromethane

Concen: 1.086 ug/l

RT: 2.94 min Scan# 364

Delta R.T. -0.04 min

Lab File: VN061962.D

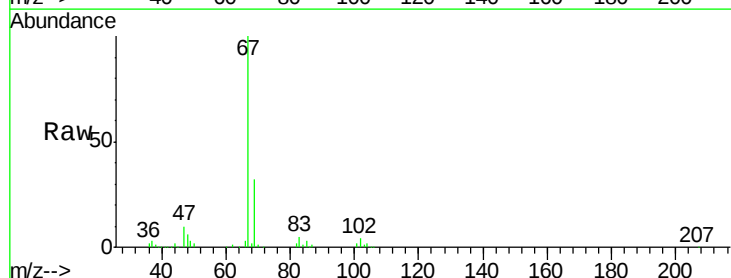
Acq: 19 Jun 2020 19:11

Tgt Ion: 101 Resp: 3796

Ion Ratio Lower Upper

101 100

103 55.8 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): VN061834.D (-358) (-)

Ion 102.80 (102.50 to 103.50): VN061834.D (-358) (-)

2.94

2000

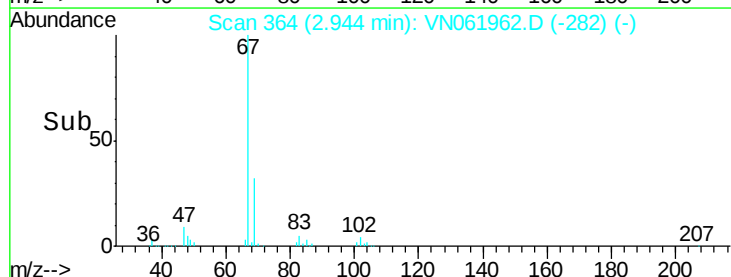
1500

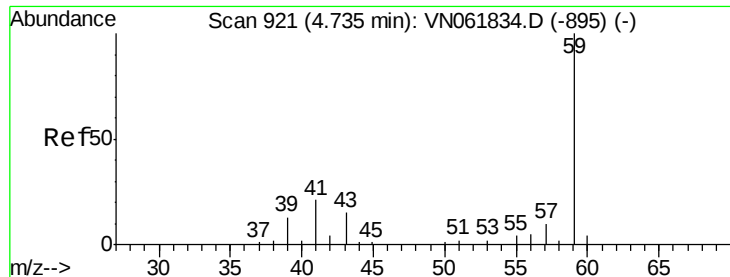
1000

500

0

Time-->





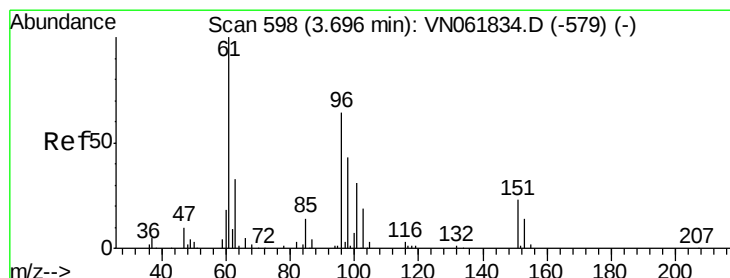
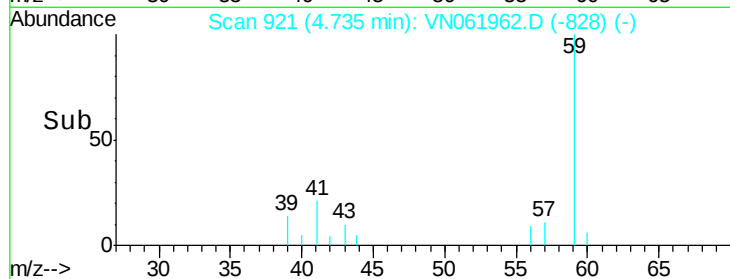
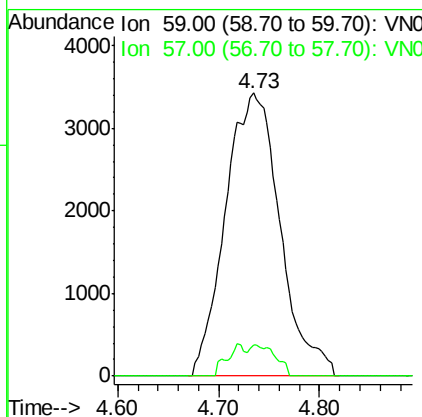
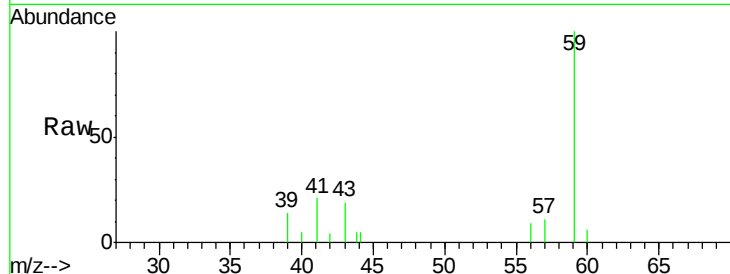
#11
Tert butyl alcohol
Concen: 39.355 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615

Tot Ion: 59 Resp: 12911
Ion Ratio Lower Upper
59 100
57 5.1 7.7 11.5#

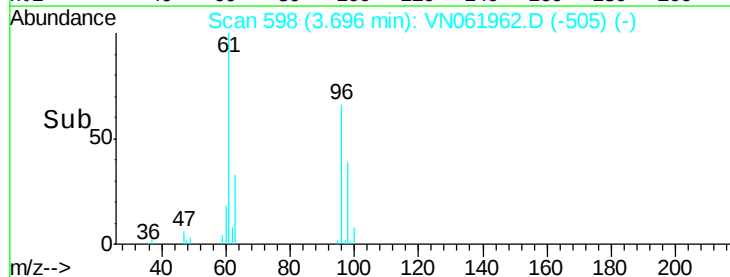
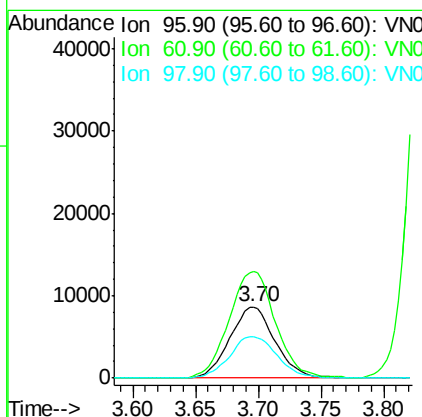
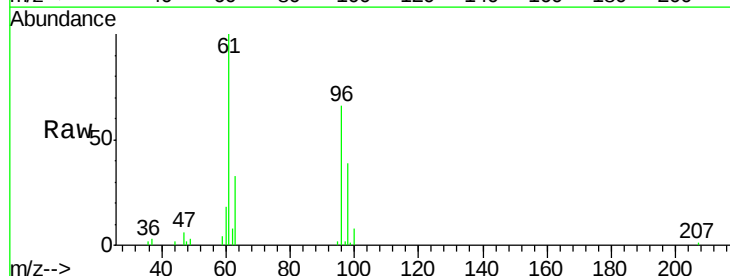
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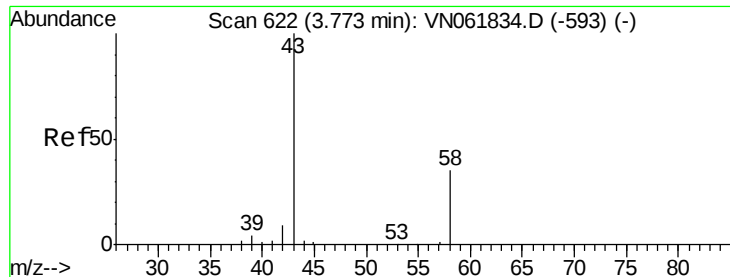
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#12
1,1-Dichloroethene
Concen: 12.012 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Tgt Ion: 96 Resp: 21575
Ion Ratio Lower Upper
96 100
61 151.2 124.3 186.5
98 59.1 53.1 79.7





#16

Acetone

Concen: 2836.596 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion: 43 Resp: 1986398

Ion Ratio Lower Upper

43 100

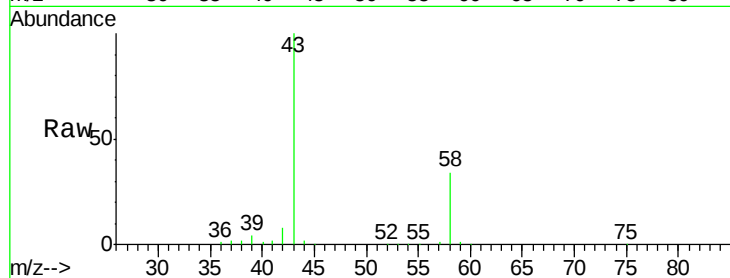
58 34.4 27.8 41.8

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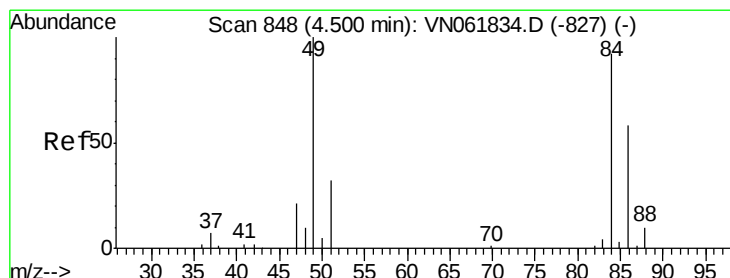
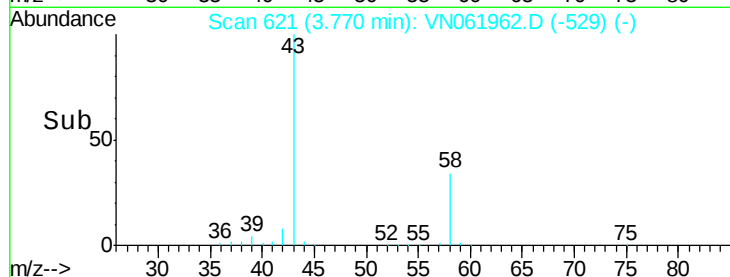
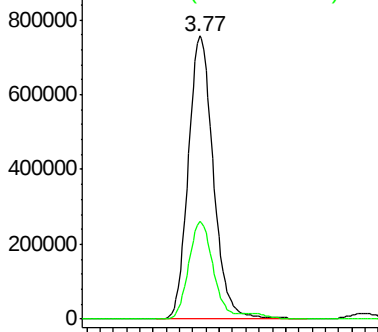
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 2.001 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Tgt Ion: 84 Resp: 4566

Ion Ratio Lower Upper

84 100

49 73.1 87.0 130.4#

51 35.6 27.8 41.6

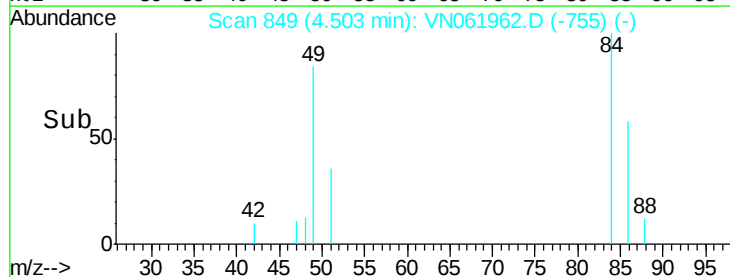
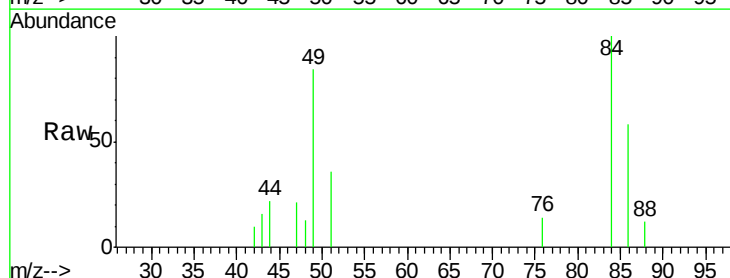
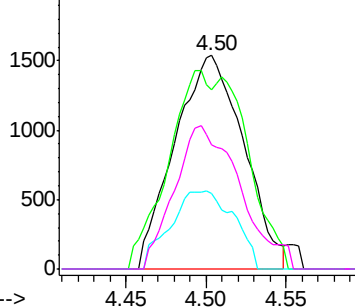
86 58.3 50.2 75.2

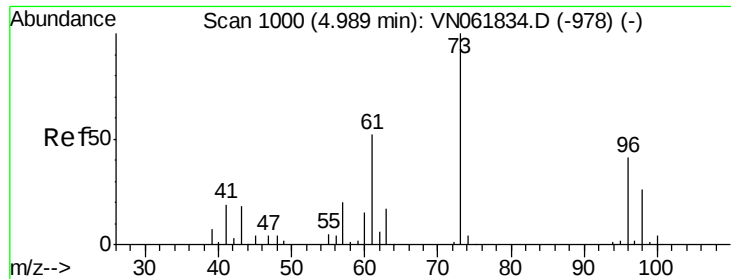
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 32.123 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion: 96 Resp: 66269

Ion Ratio Lower Upper

96 100

61 124.4 102.2 153.4

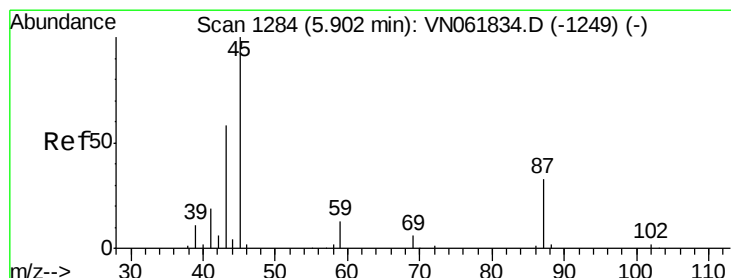
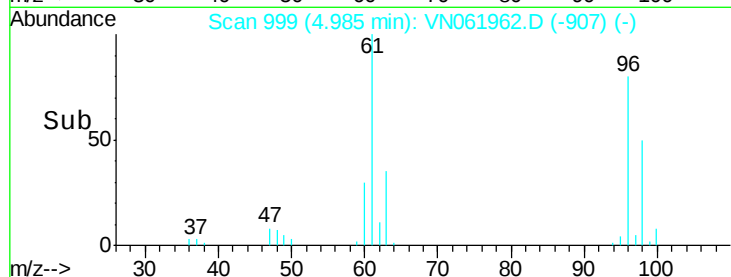
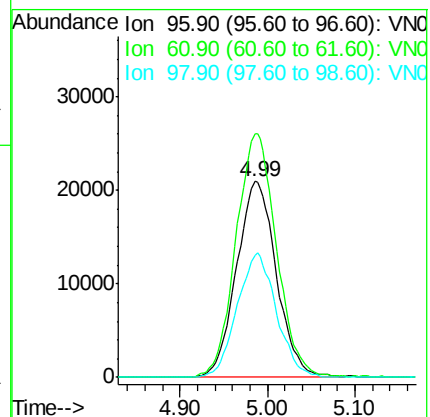
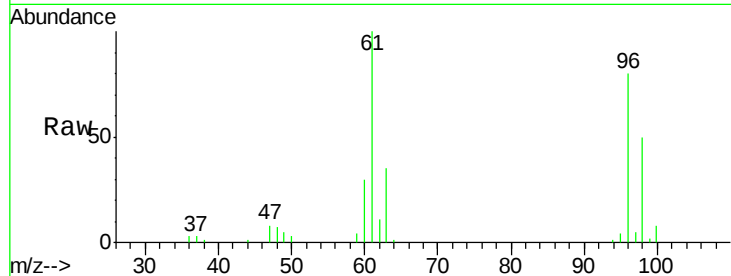
98 62.2 51.2 76.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 3.061 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Tgt Ion: 45 Resp: 16686

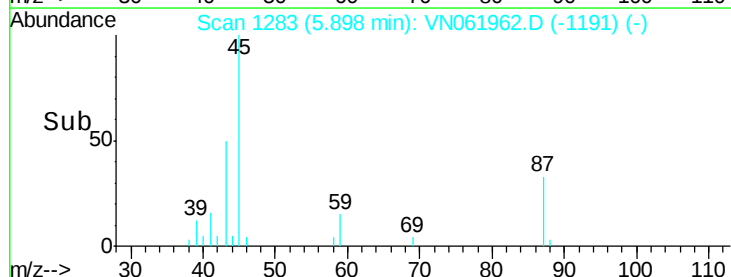
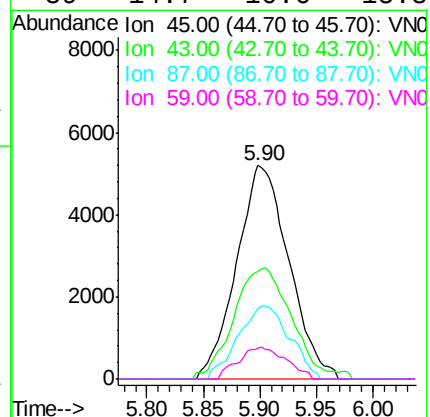
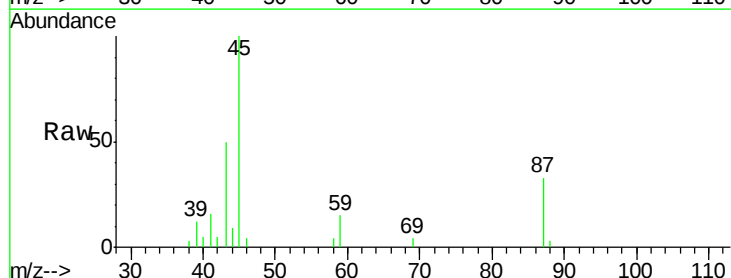
Ion Ratio Lower Upper

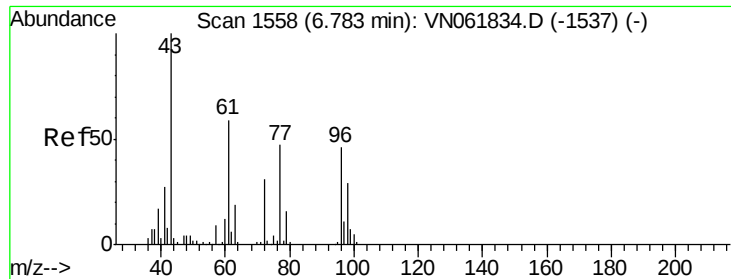
45 100

43 50.2 49.4 74.2

87 33.1 27.4 41.0

59 14.7 10.6 15.8





#25

2-Butanone

Concen: 2252.423 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion: 43 Resp: 2301307

Ion Ratio Lower Upper

43 100

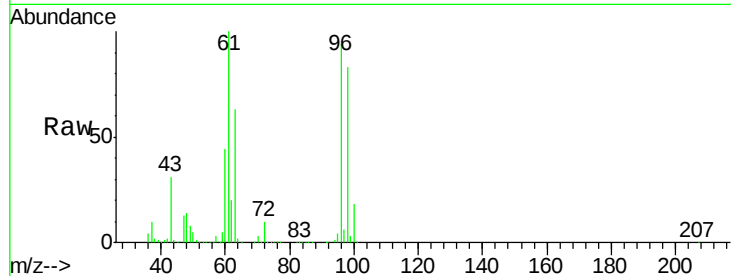
72 33.5 24.6 37.0

Manual Integrations

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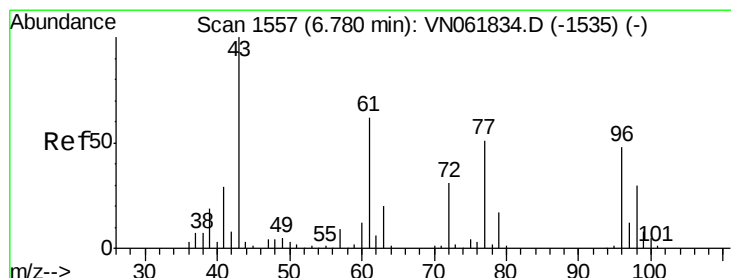
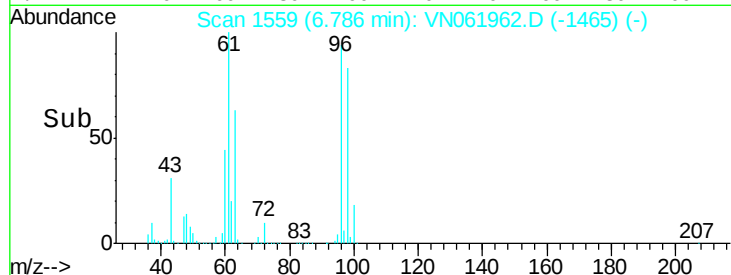
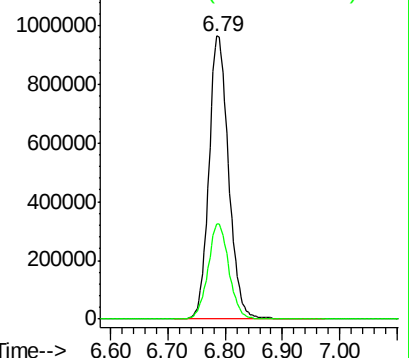
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 4640.537 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

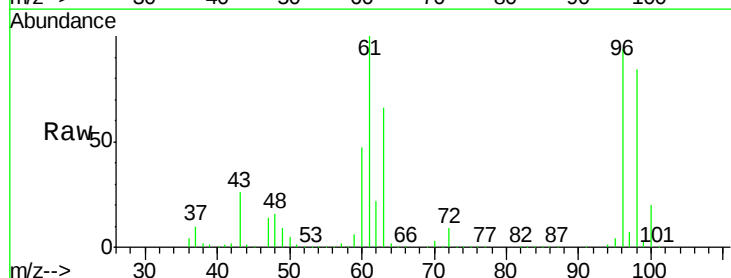
Tgt Ion: 96 Resp: 11046234

Ion Ratio Lower Upper

96 100

61 108.5 0.0 265.6

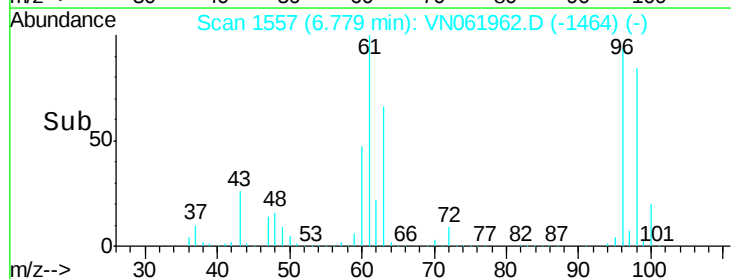
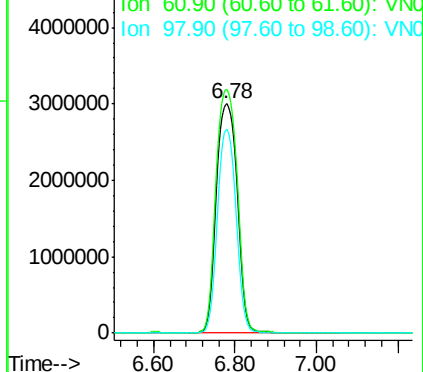
98 79.1 0.0 128.2

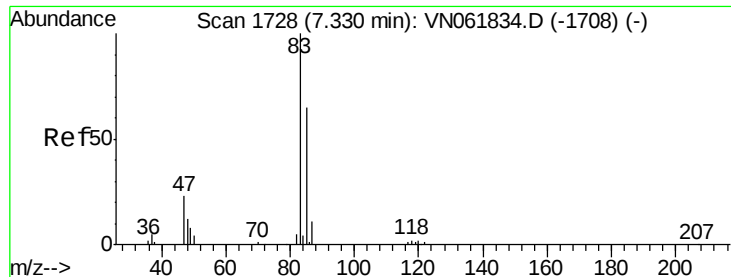


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





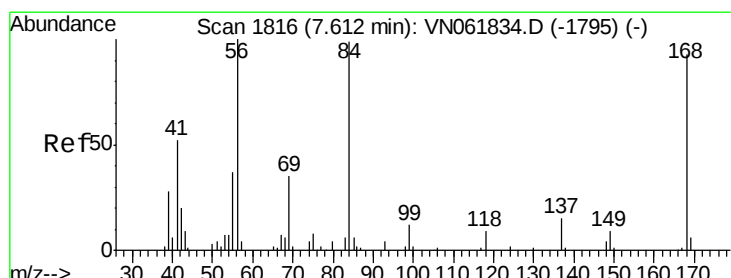
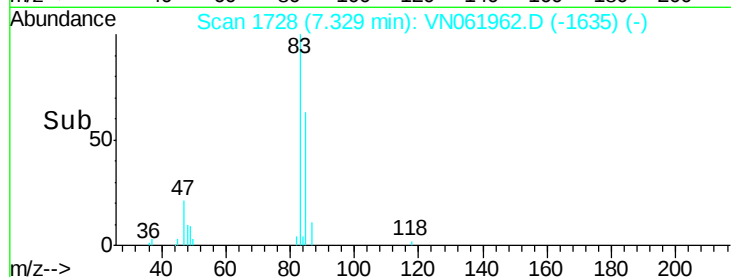
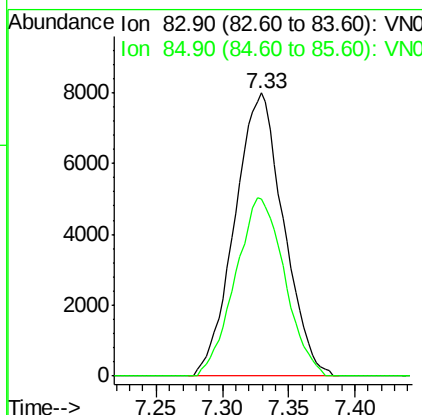
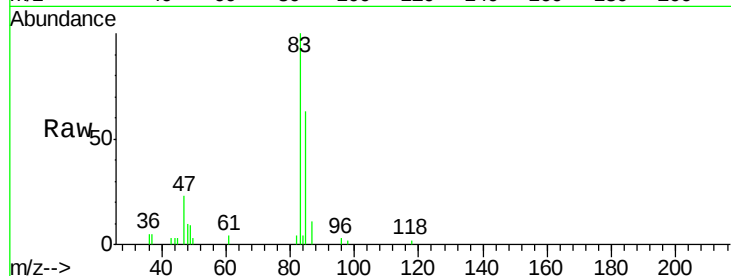
#30
Chloroform
Concen: 5.357 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	83	Resp	20433
Ion Ratio	100	Lower	Upper
85	62.6	52.0	78.0

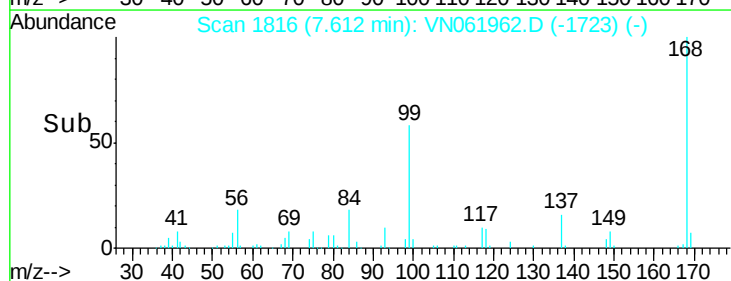
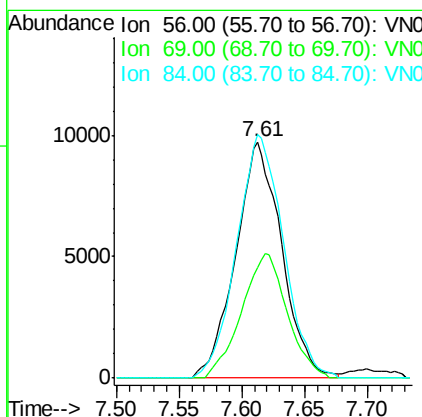
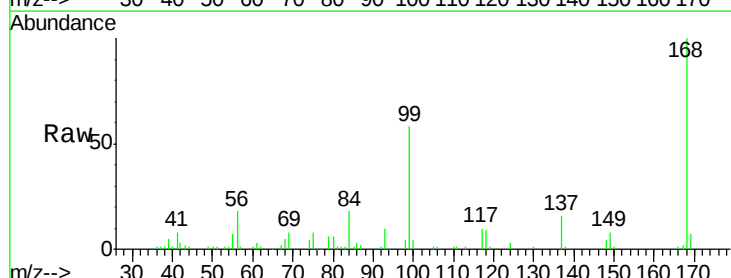
Manual Integrations
APPROVED

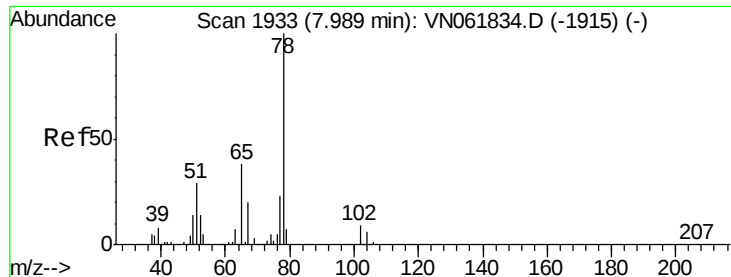
MMDadoda
6/22/2020 1:27:13 PM



#31
Cyclohexane
Concen: 7.925 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Tgt Ion	56	Resp	24760
Ion Ratio	100	Lower	Upper
69	46.5	27.7	41.5#
84	102.9	79.1	118.7





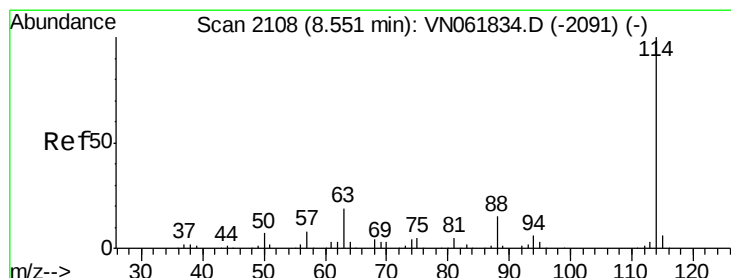
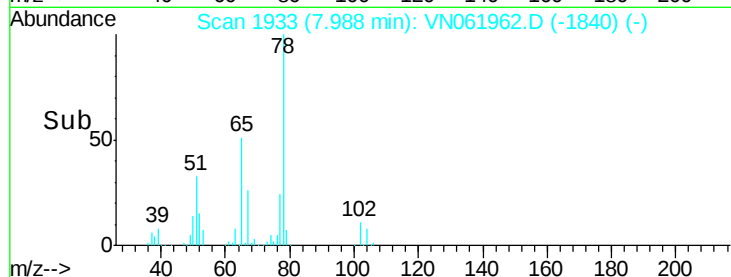
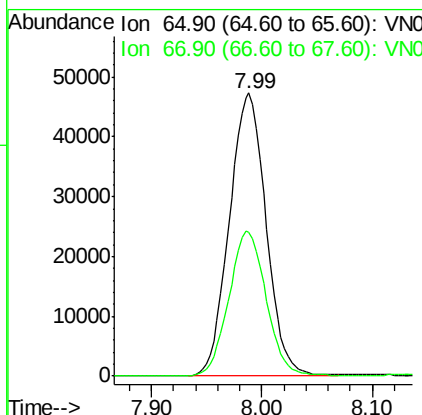
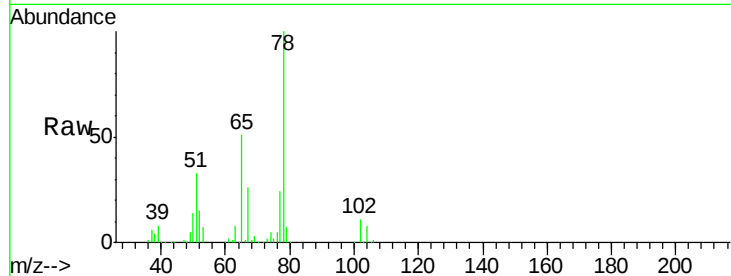
#33
 1,2-Dichloroethane-d4
 Concen: 46.144 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061962.D
 Acq: 19 Jun 2020 19:11

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109395		
67	51.7	0.0	106.2	

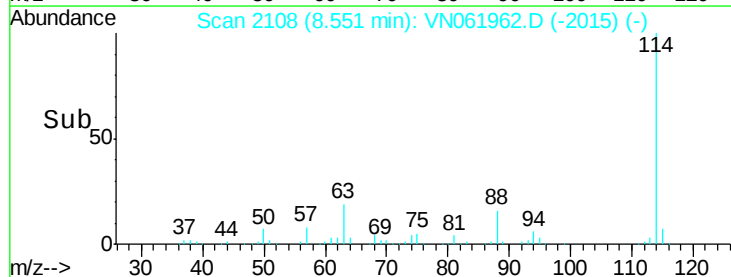
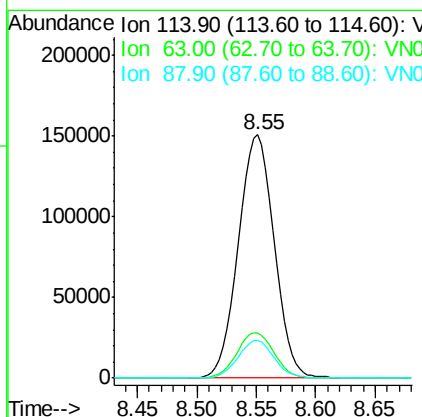
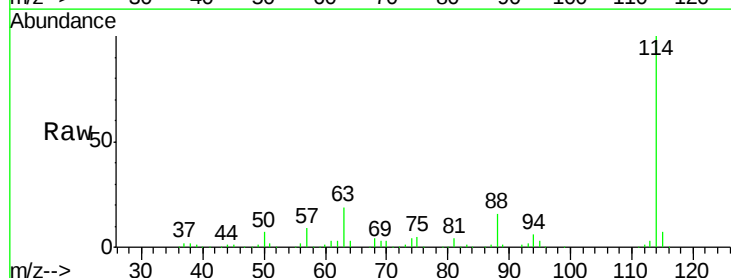
Manual Integrations
 APPROVED

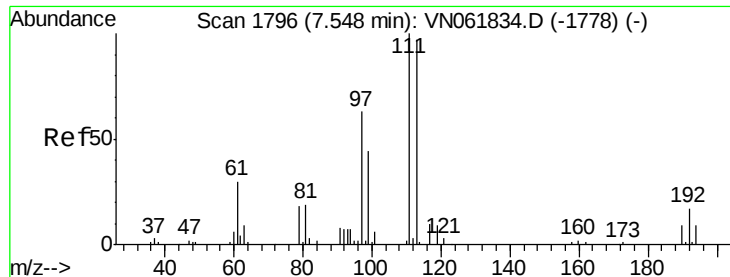
MMDadoda
 6/22/2020 1:27:13 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061962.D
 Acq: 19 Jun 2020 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	315620		
63	18.6	0.0	37.6	
88	15.5	0.0	31.0	





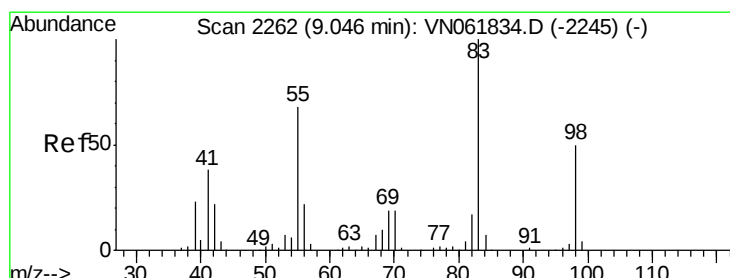
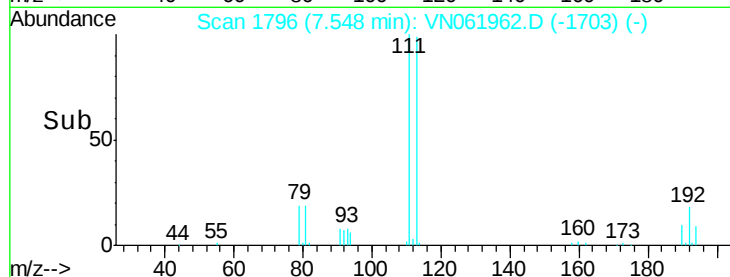
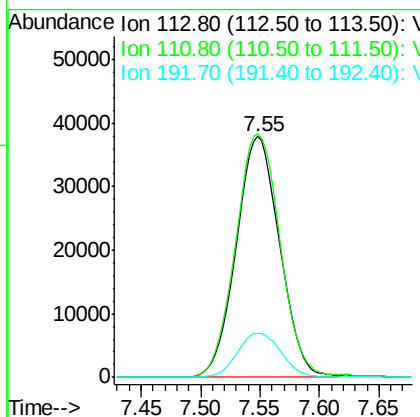
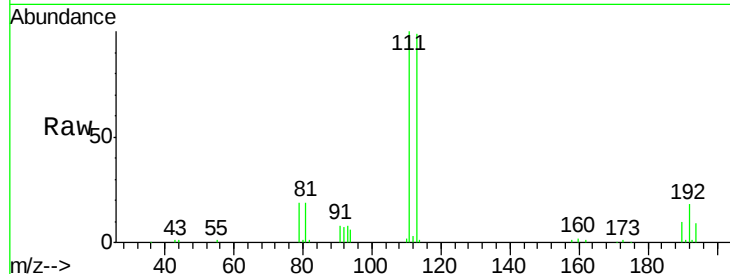
#35
Dibromofluoromethane
Concen: 47.432 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.7	125.5
192	18.4	13.9	20.9

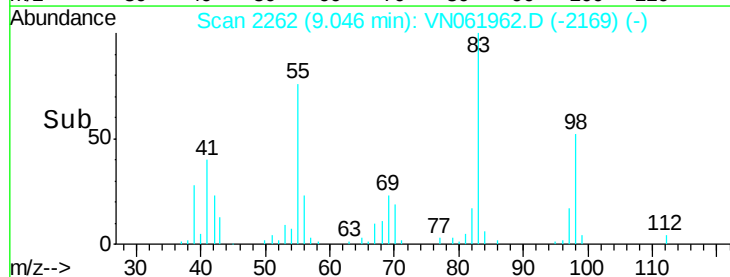
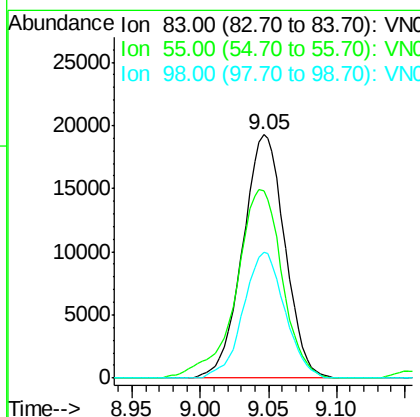
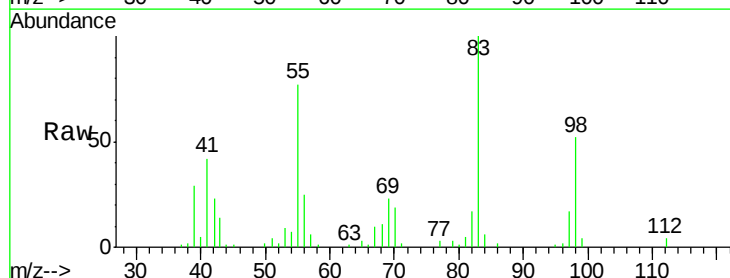
Manual Integrations
APPROVED

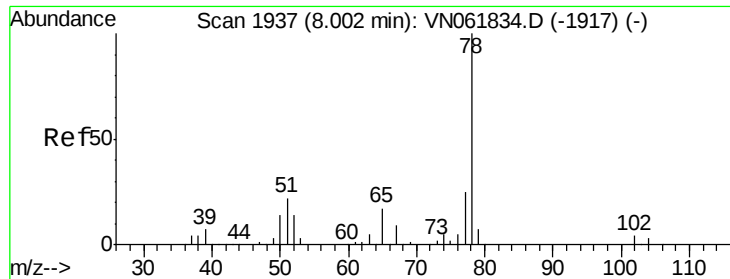
MMDadoda
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#39
Methylcyclohexane
Concen: 13.322 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	54.2	81.4
98	51.7	39.8	59.6





#40

Benzene

Concen: 36.932 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion: 78 Resp: 322069

Ion Ratio Lower Upper

78 100

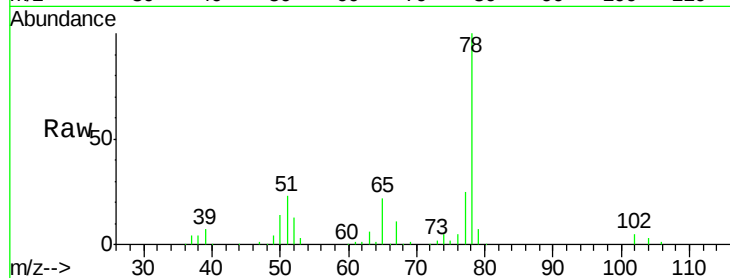
77 24.6 19.7 29.5

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

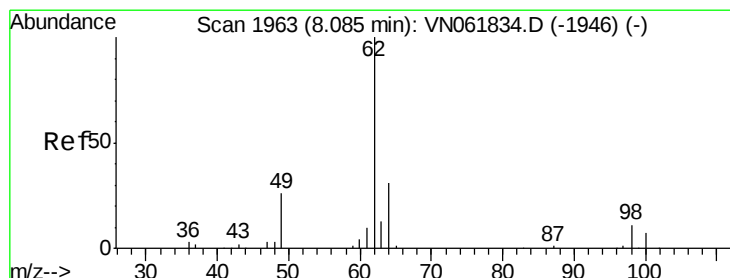
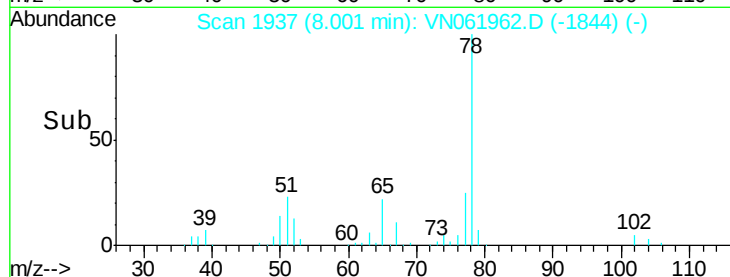
150000

100000

50000

0

Time-->



#42

1,2-Dichloroethane

Concen: 1.985 ug/l

RT: 8.09 min Scan# 1965

Delta R.T. 0.01 min

Lab File: VN061962.D

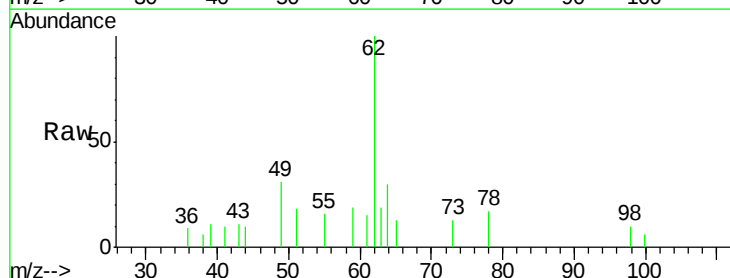
Acq: 19 Jun 2020 19:11

Tgt Ion: 62 Resp: 5901

Ion Ratio Lower Upper

62 100

98 7.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

2500

2000

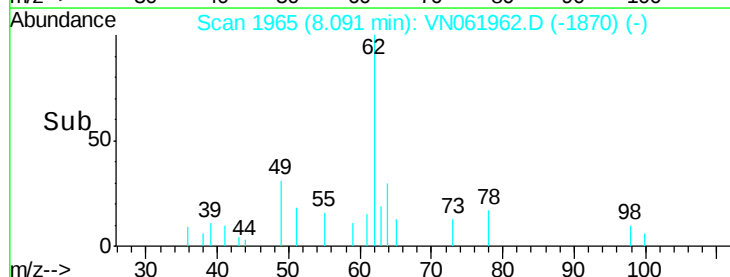
1500

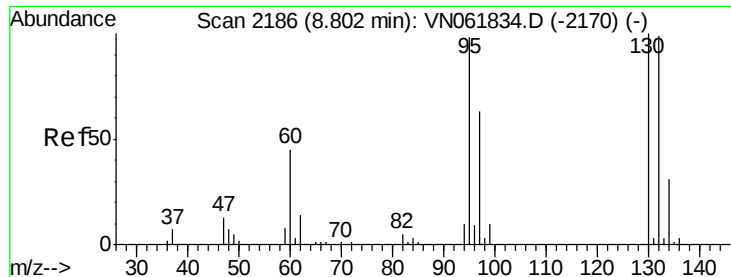
1000

500

0

Time-->





#44

Trichloroethene

Concen: 0.846 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion:130 Resp: 1942

Ion Ratio Lower Upper

130 100

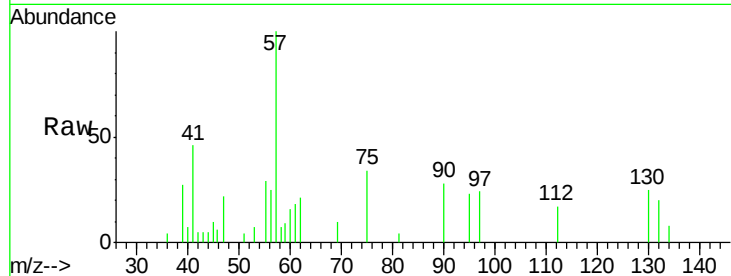
95 91.4 0.0 195.6

Manual Integrations

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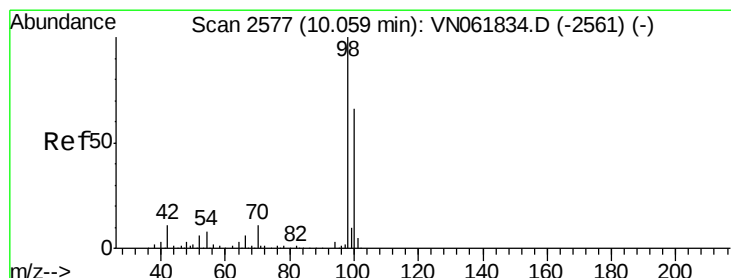
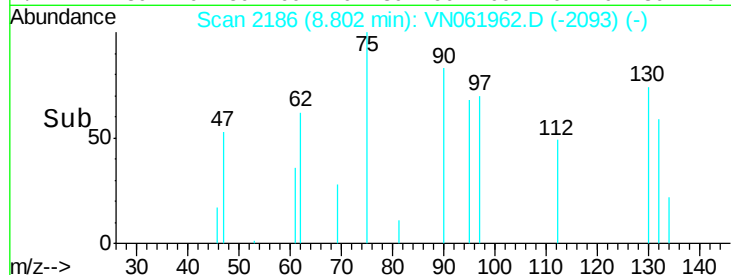
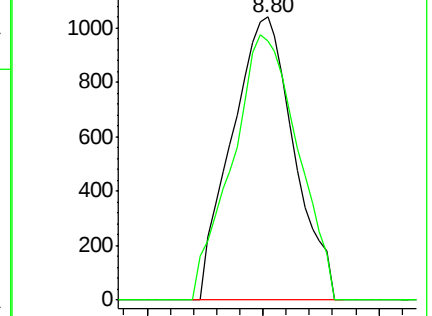
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 57.017 ug/l

RT: 10.07 min Scan# 2579

Delta R.T. 0.01 min

Lab File: VN061962.D

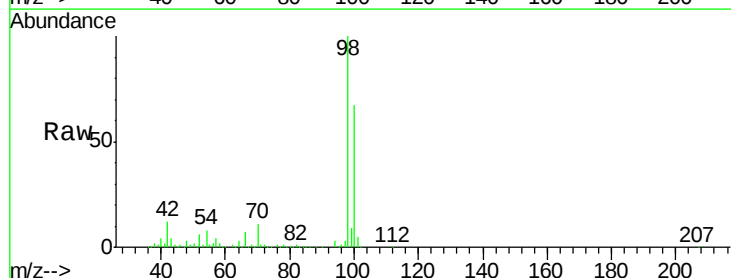
Acq: 19 Jun 2020 19:11

Tgt Ion: 98 Resp: 452611

Ion Ratio Lower Upper

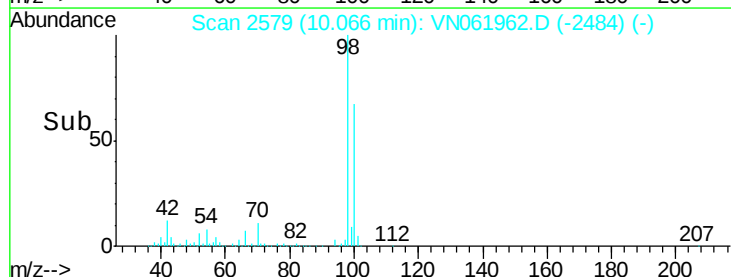
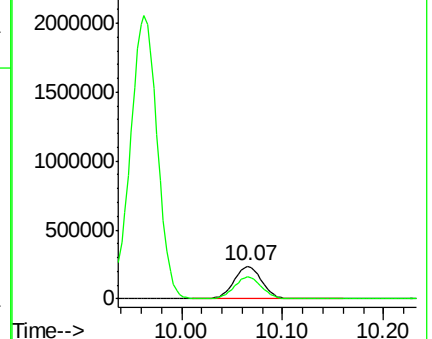
98 100

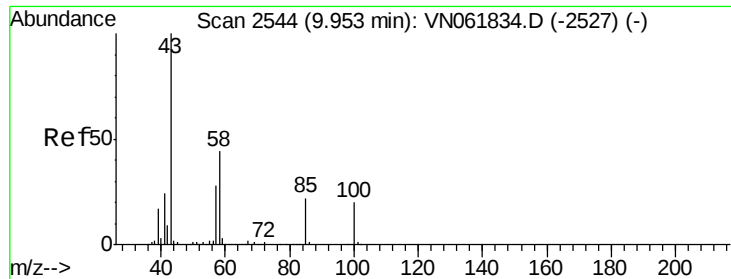
100 67.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 4313.931 ug/l

RT: 9.96 min Scan# 2547

Delta R.T. 0.01 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion: 43 Resp: 9657898

Ion Ratio Lower Upper

43 100

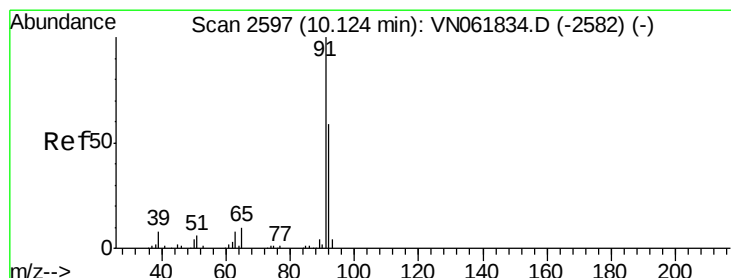
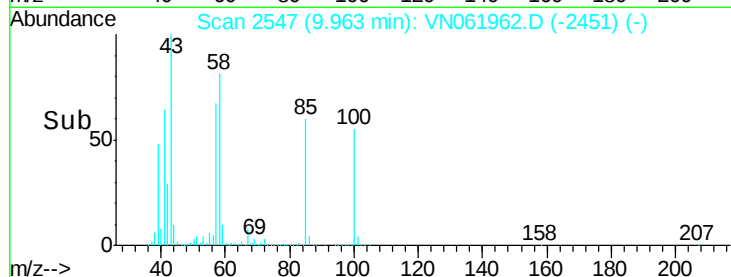
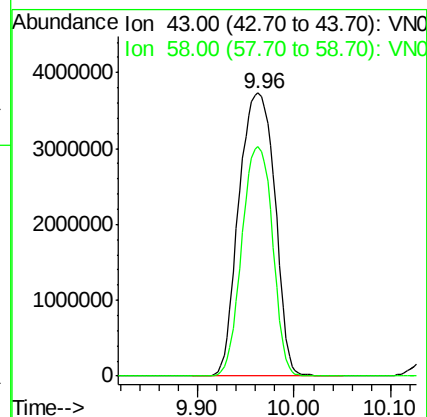
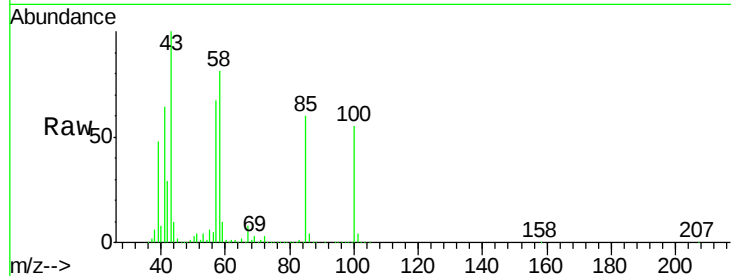
58 69.4 34.6 52.0#

Manual Integrations

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#52

Toluene

Concen: 1703.691 ug/l

RT: 10.13 min Scan# 2600

Delta R.T. 0.01 min

Lab File: VN061962.D

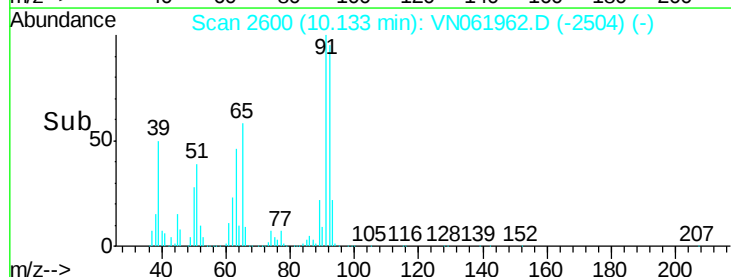
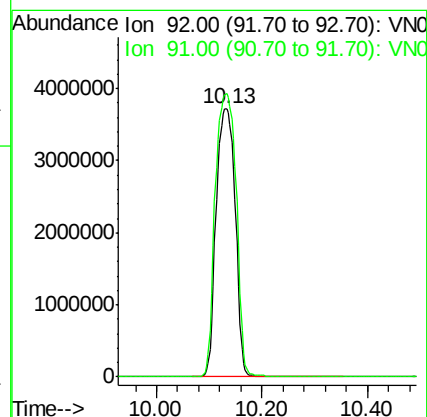
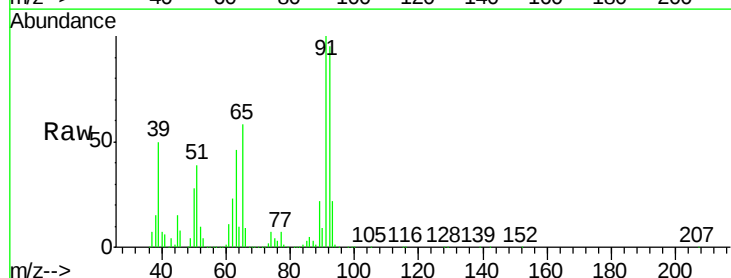
Acq: 19 Jun 2020 19:11

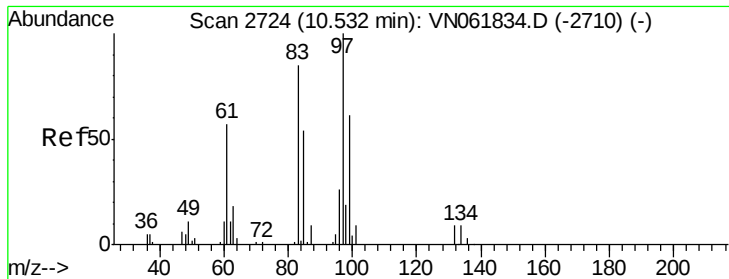
Tgt Ion: 92 Resp: 9330740

Ion Ratio Lower Upper

92 100

91 116.5 137.1 205.7#





#55

1,1,2-Trichloroethane

Concen: 24.780 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion: 97 Resp: 53397

Ion Ratio Lower Upper

97 100

83 82.0 67.7 101.5

85 54.3 43.4 65.0

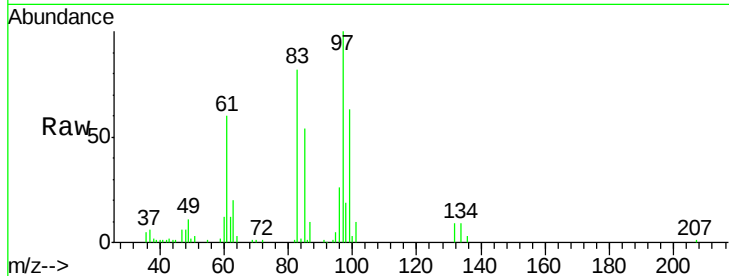
99 63.1 48.8 73.2

Manual Integrations

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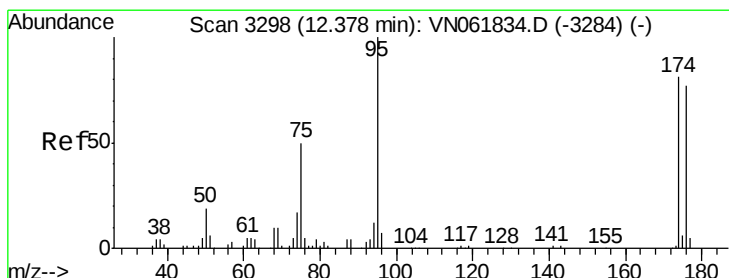
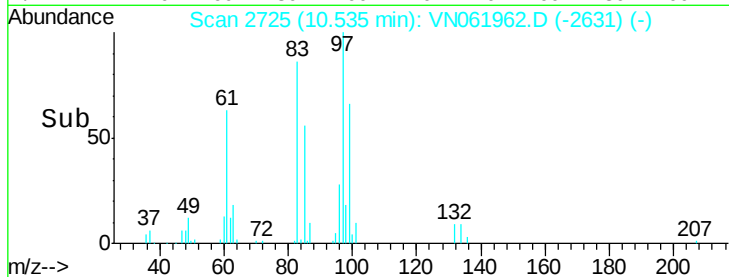
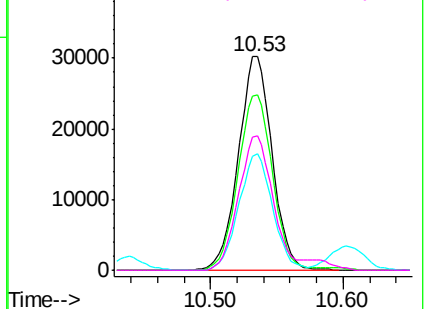


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#62

4-Bromofluorobenzene

Concen: 56.472 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

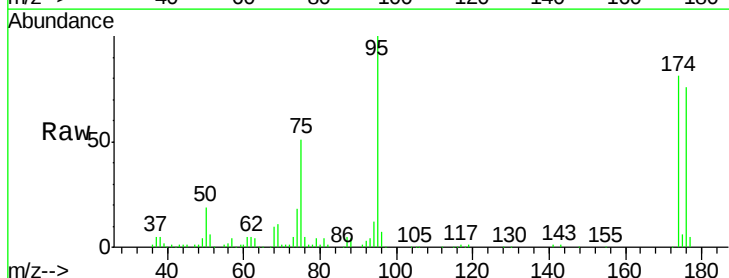
Tgt Ion: 95 Resp: 153769

Ion Ratio Lower Upper

95 100

174 80.4 0.0 158.6

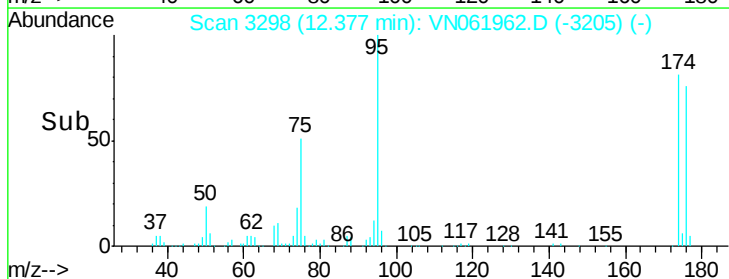
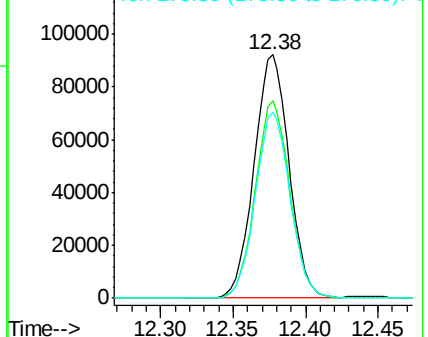
176 76.6 0.0 152.0

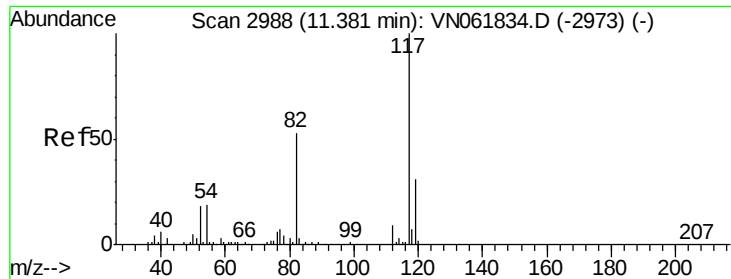


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





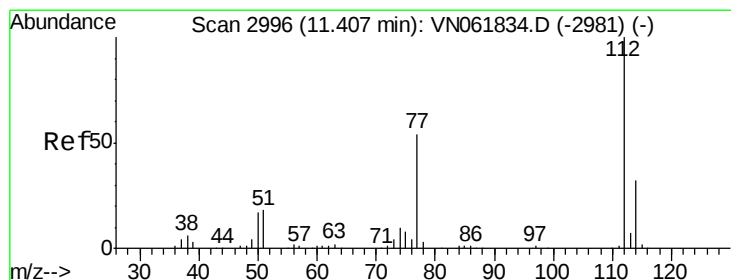
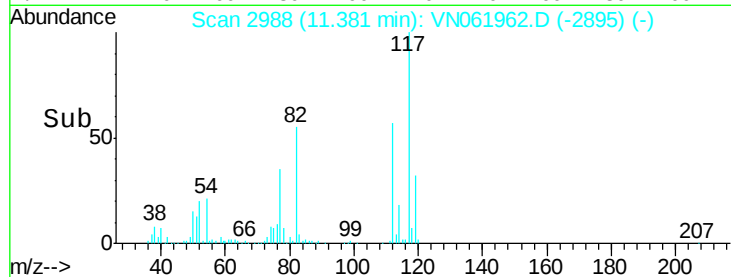
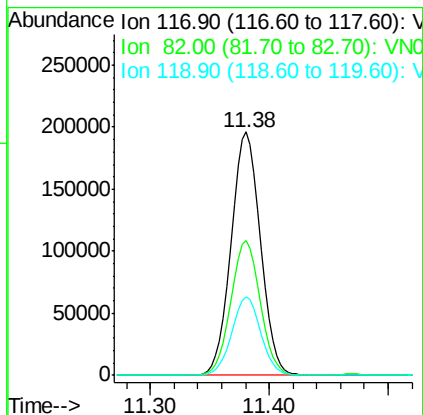
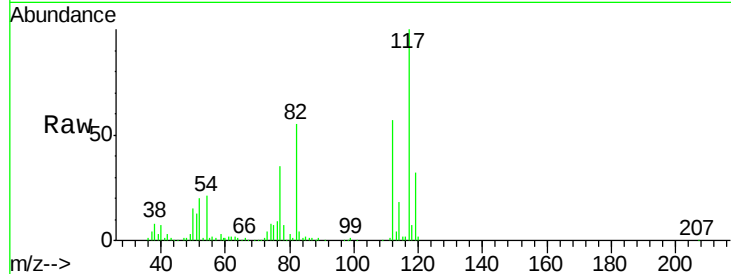
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.6	64.0
119	32.2	24.7	37.1

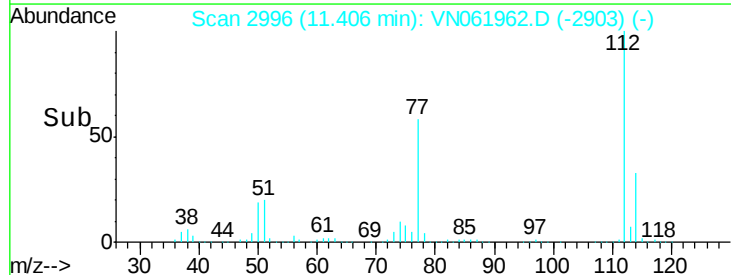
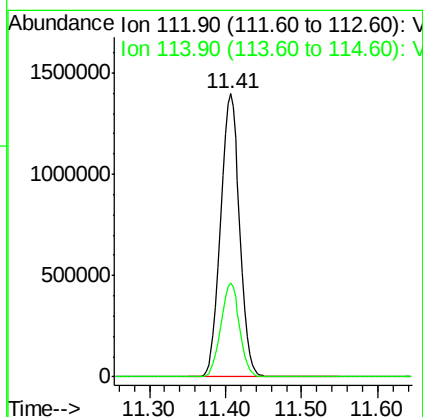
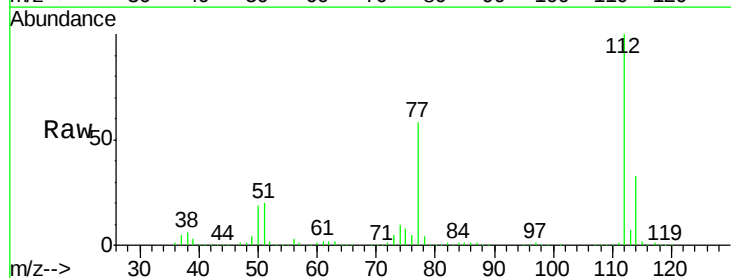
Manual Integrations
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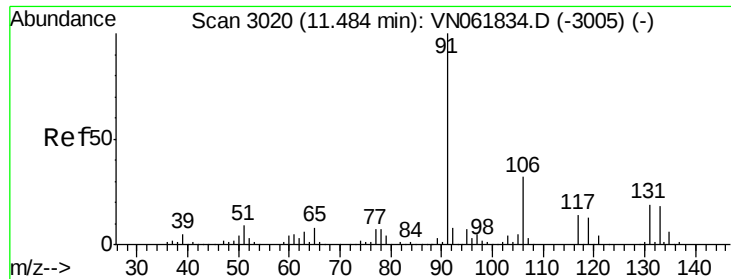
MMDadoda
6/22/2020 1:27:13 PM



#65
Chlorobenzene
Concen: 341.979 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.8	38.6





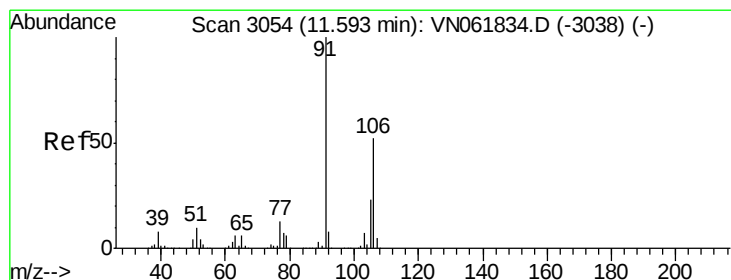
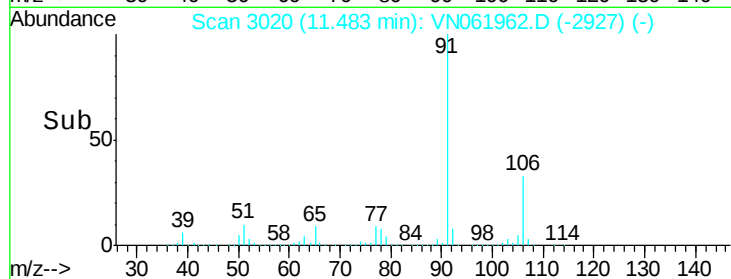
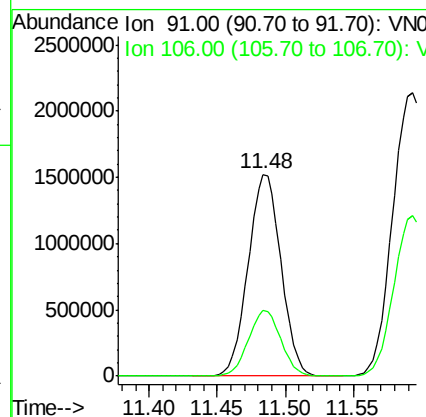
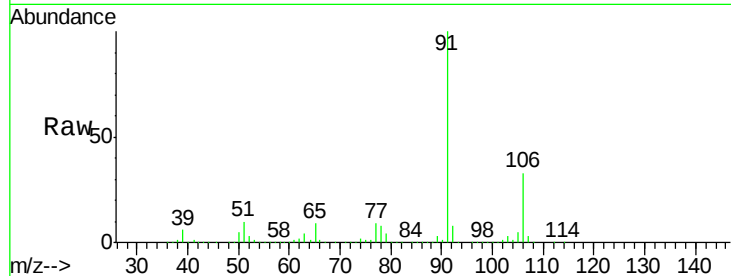
#67
Ethyl Benzene
Concen: 214.723 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615

Tot Ion: 91 Resp: 2545505
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2

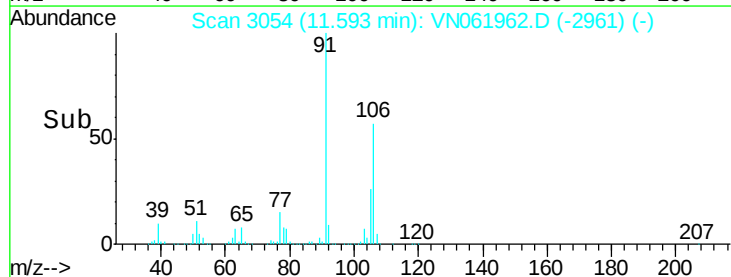
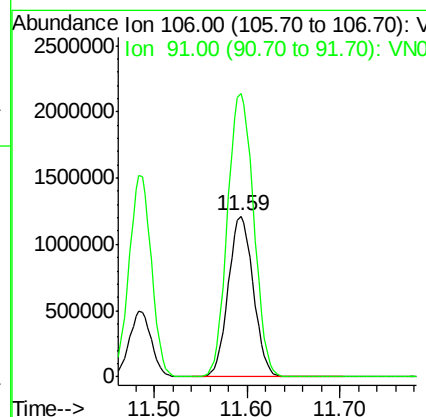
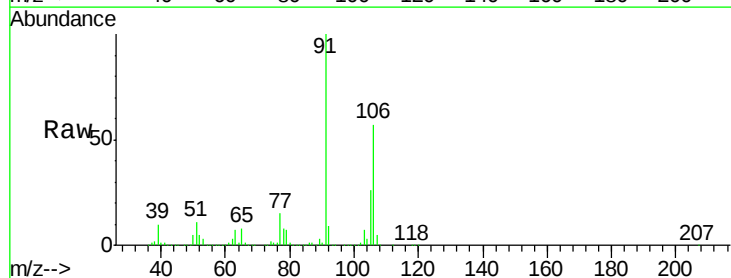
Manual Integrations
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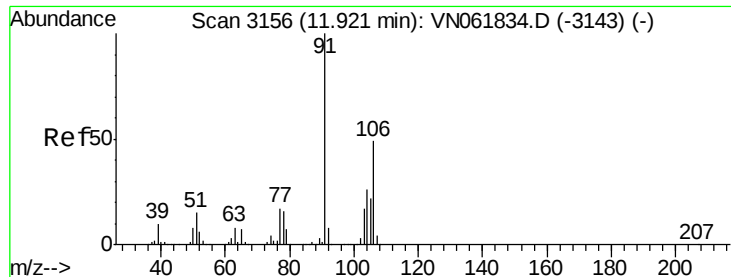
MMDadoda
6/22/2020 1:27:13 PM



#68
m/p-Xylenes
Concen: 494.759 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Tgt Ion: 106 Resp: 2261657
Ion Ratio Lower Upper
106 100
91 185.4 157.0 235.6





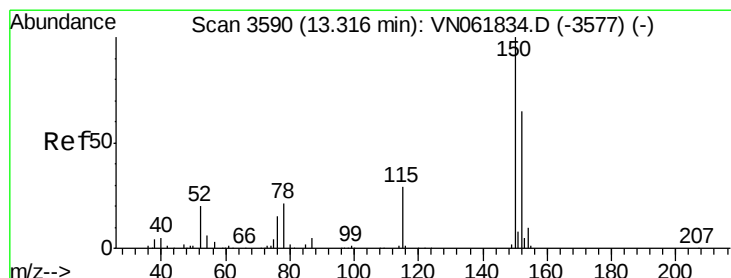
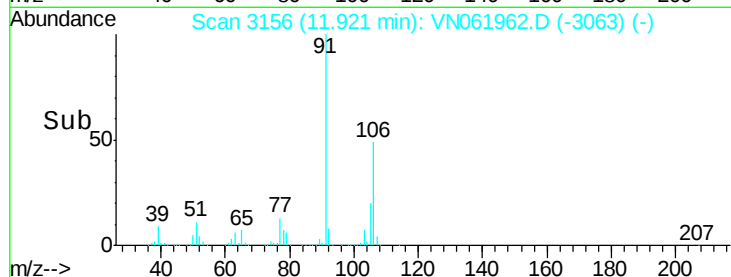
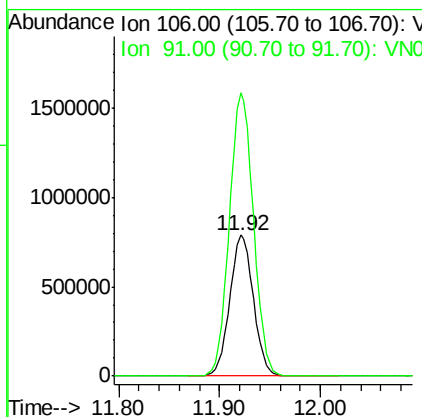
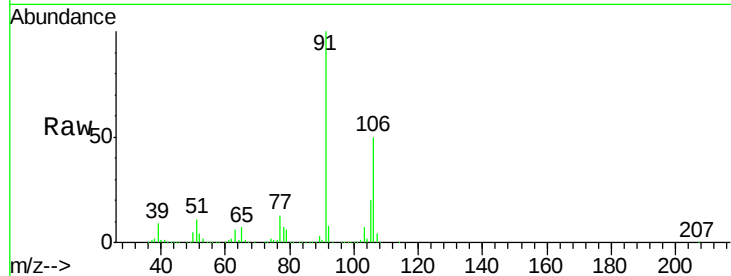
#69
o-Xylene
Concen: 295.181 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615

Tot Ion:106 Resp: 1287470
Ion Ratio Lower Upper
106 100
91 205.0 103.0 308.9

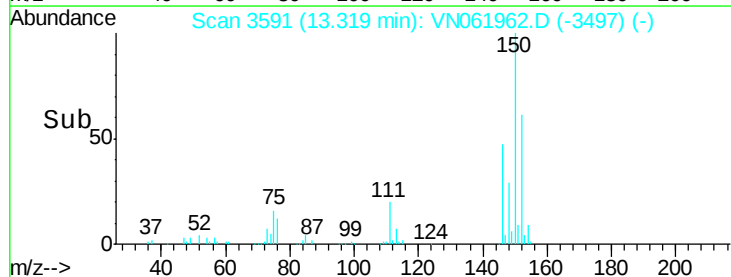
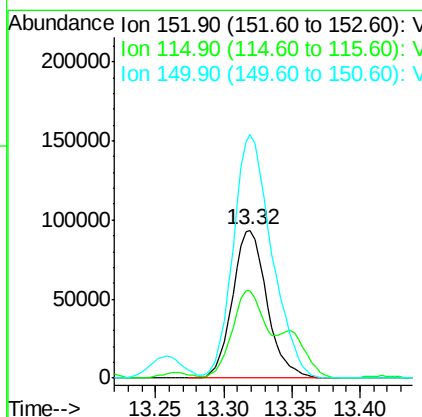
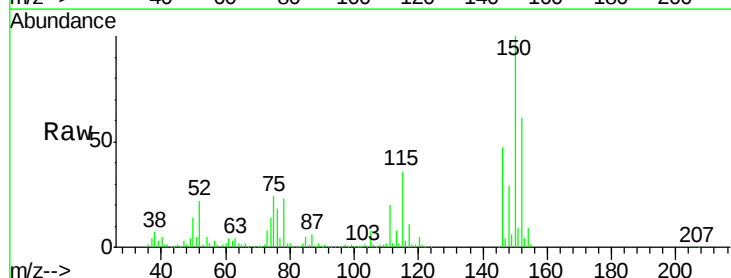
Manual Integrations
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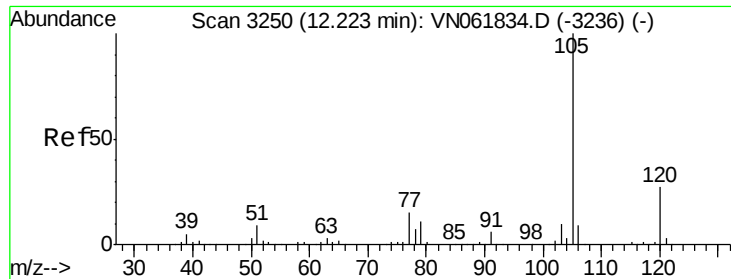
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Tgt Ion:152 Resp: 163846
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 183.7 0.0 347.6





#73

Isopropylbenzene

Concen: 10.466 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion: 105 Resp: 121859

Ion Ratio Lower Upper

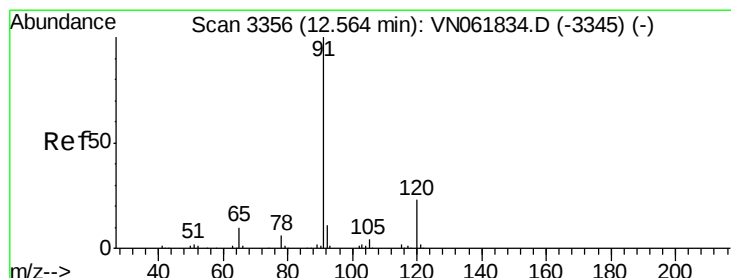
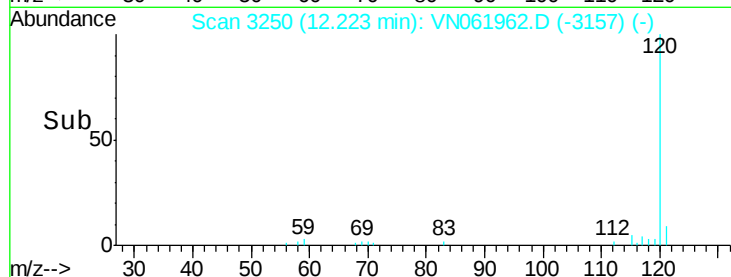
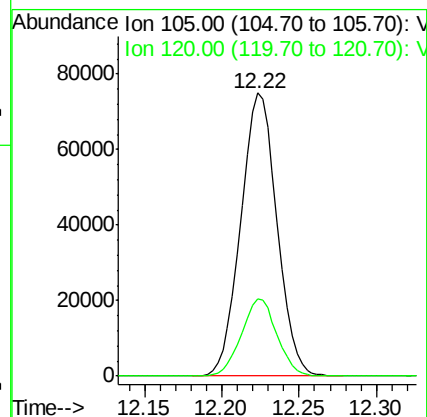
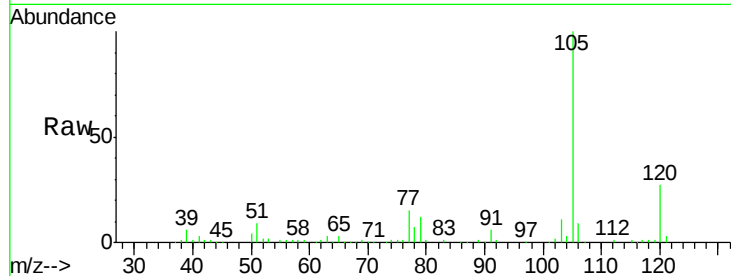
105 100

120 26.8 13.3 39.8

Manual Integrations
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#78

n-propylbenzene

Concen: 16.722 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061962.D

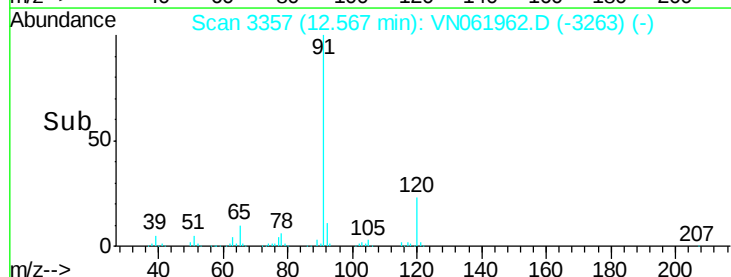
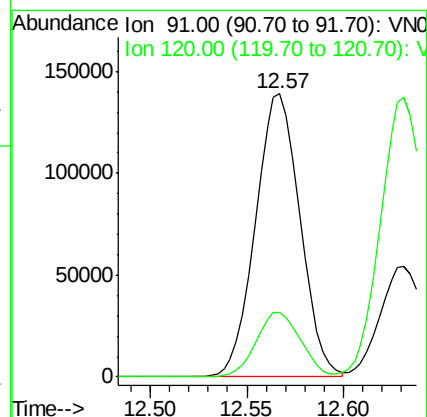
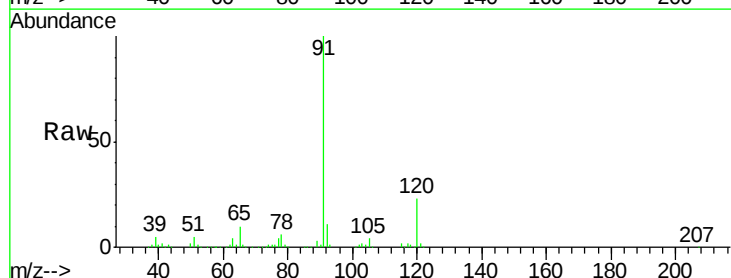
Acq: 19 Jun 2020 19:11

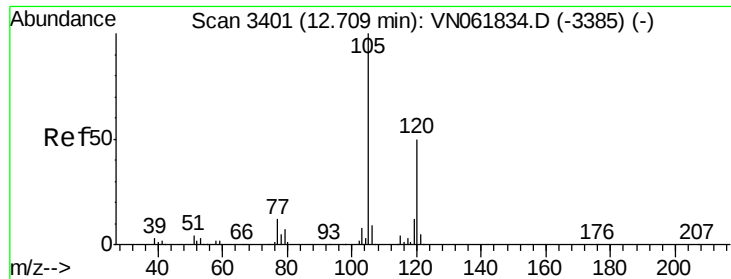
Tgt Ion: 91 Resp: 222161

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 75.106 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion:105 Resp: 723464

Ion Ratio Lower Upper

105 100

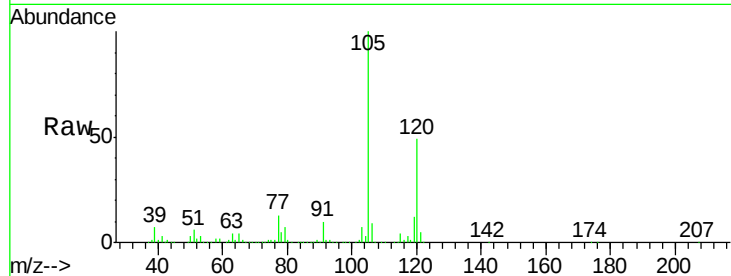
120 49.2 24.9 74.7

Manual Integrations

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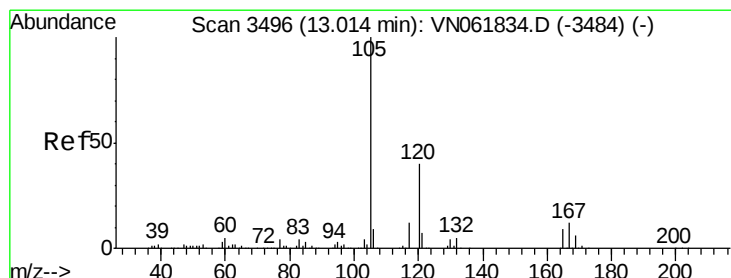
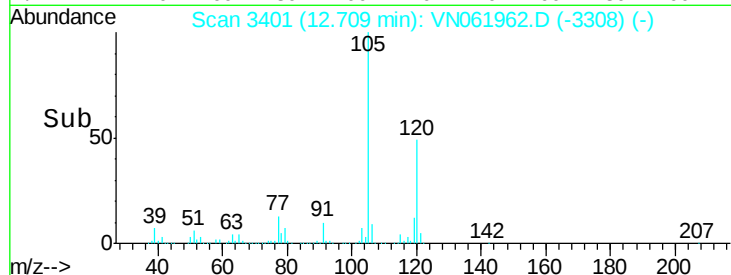
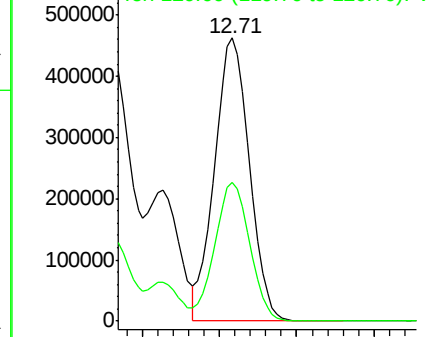
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 215.061 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN061962.D

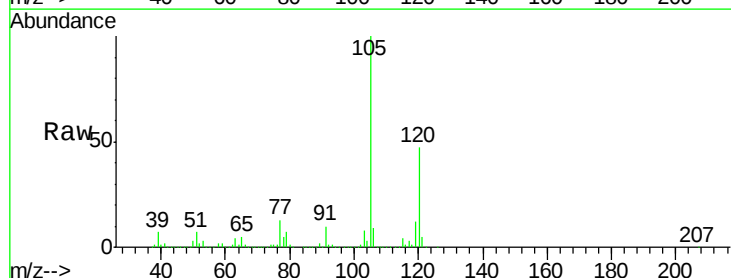
Acq: 19 Jun 2020 19:11

Tgt Ion:105 Resp: 2044939

Ion Ratio Lower Upper

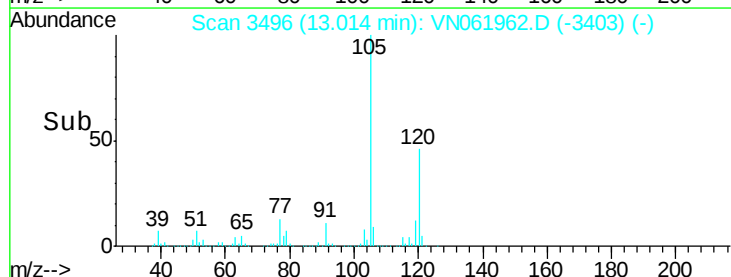
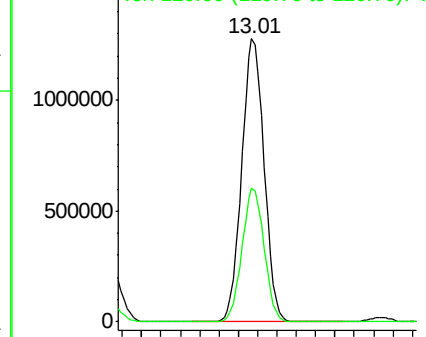
105 100

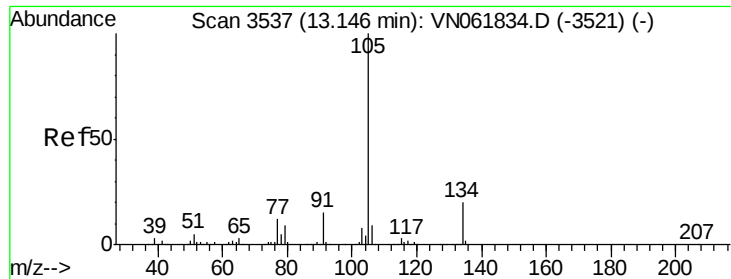
120 46.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.139 ug/l m

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

Instrument :

MSVOA_N

ClientSampleId :

LF001MW001-200615

Tot Ion:105 Resp: 33556

Ion Ratio Lower Upper

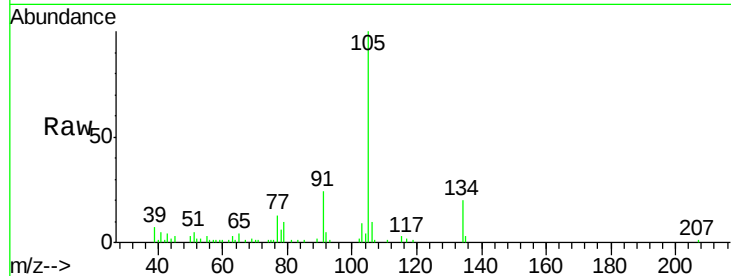
105 100

134 0.0 10.1 30.1#

Manual Integrations
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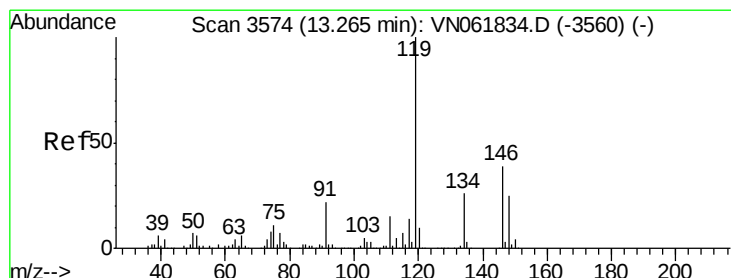
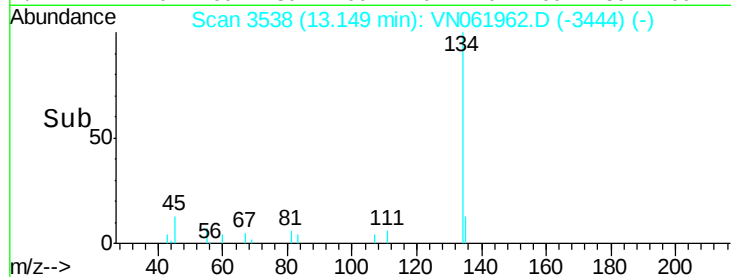
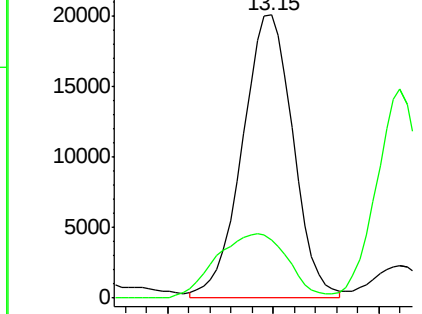
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.820 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061962.D

Acq: 19 Jun 2020 19:11

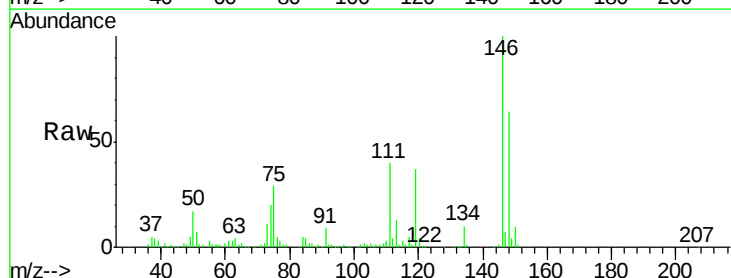
Tgt Ion:119 Resp: 64953

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

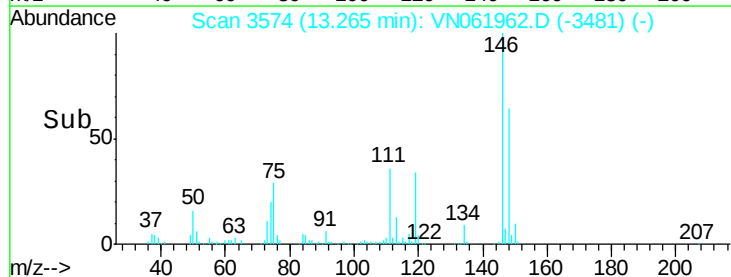
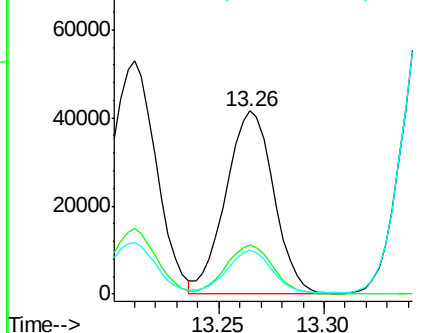
91 22.2 11.2 33.6

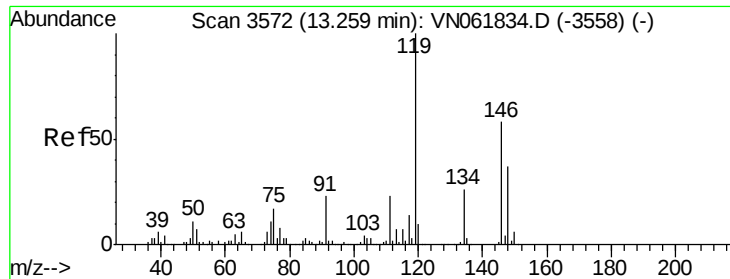


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





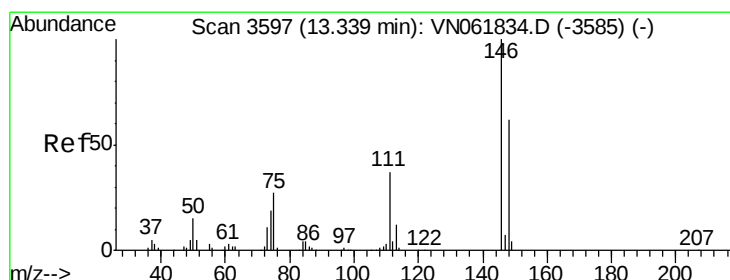
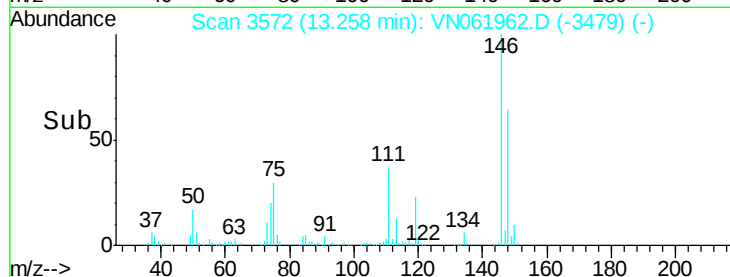
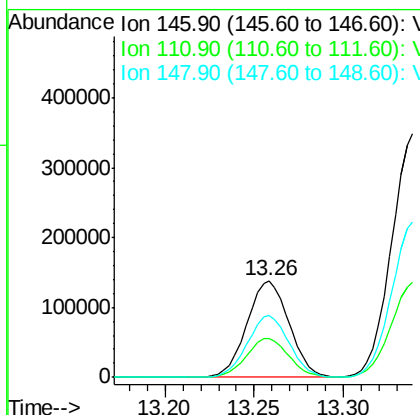
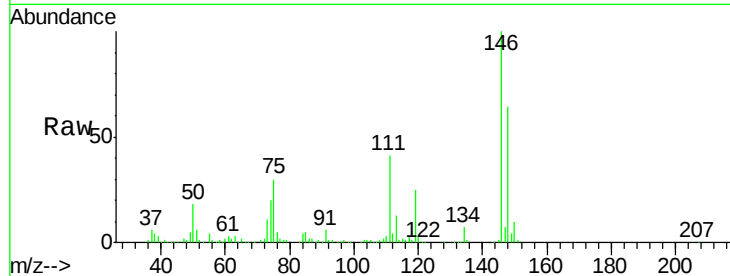
#87
 1,3-Dichlorobenzene
 Concen: 42.702 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061962.D
 Acq: 19 Jun 2020 19:11

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	63.5	31.8	95.4

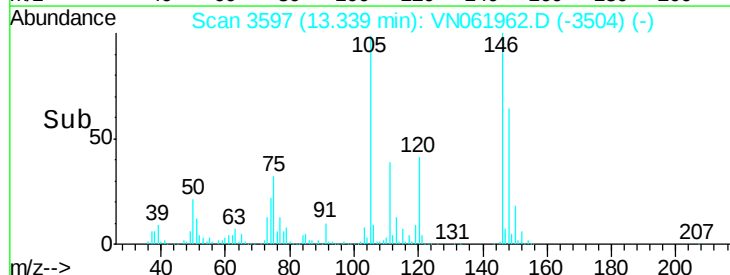
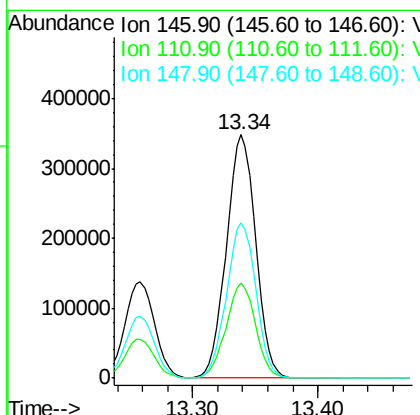
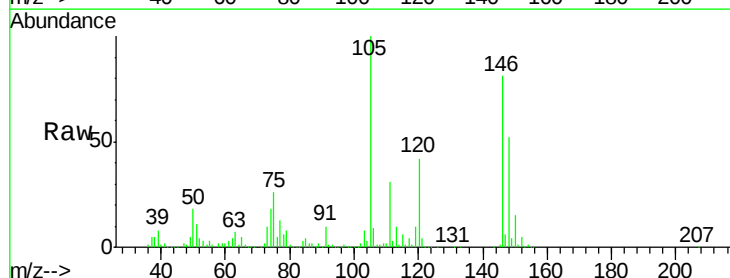
Manual Integrations
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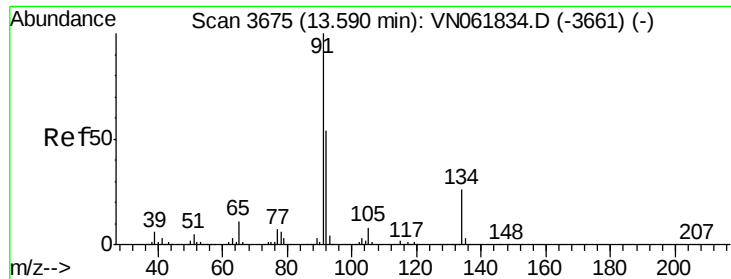
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#88
 1,4-Dichlorobenzene
 Concen: 102.759 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061962.D
 Acq: 19 Jun 2020 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.3	57.8
148	64.0	31.6	94.7





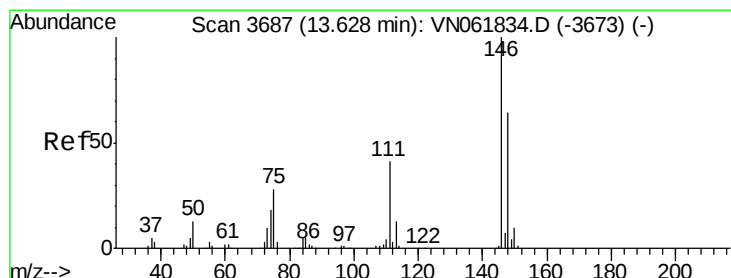
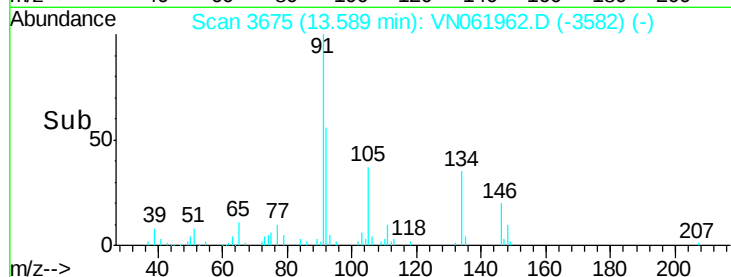
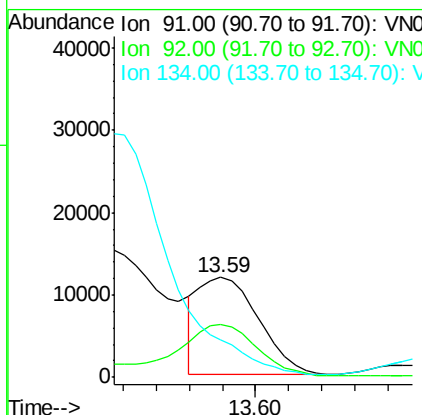
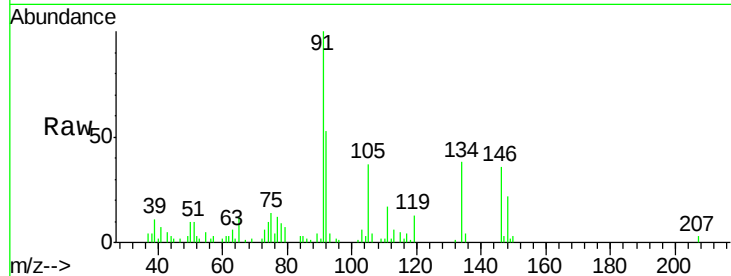
#89
n-Butylbenzene
Concen: 1.867 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Instrument :
MSVOA_N
ClientSampleId :
LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
91	100		
92	81.1	27.0	80.8#
134	0.0	13.0	39.0#

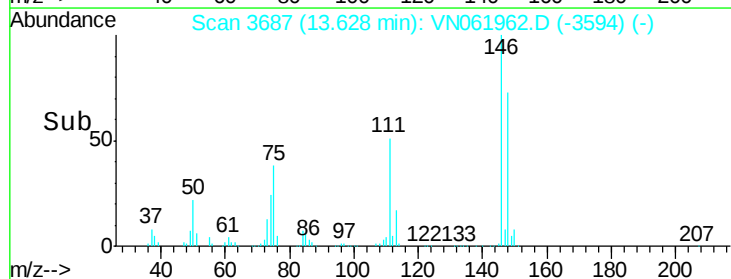
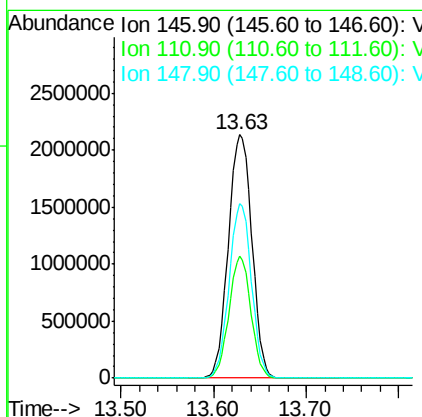
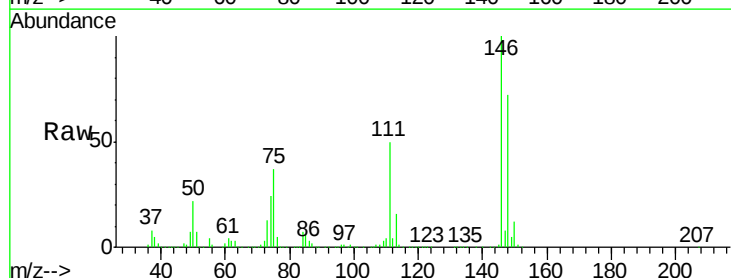
Manual Integrations
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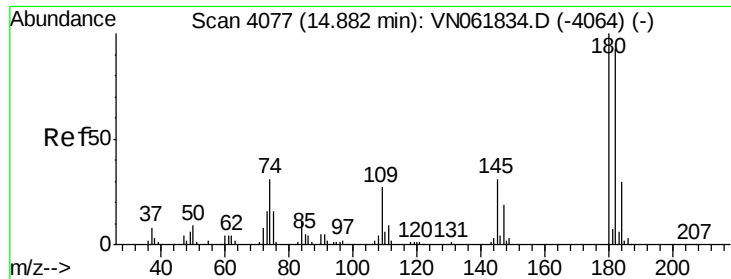
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#91
1,2-Dichlorobenzene
Concen: 728.979 ug/l
RT: 13.63 min Scan# 3687
Delta R.T. -0.00 min
Lab File: VN061962.D
Acq: 19 Jun 2020 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.6	20.4	61.2
148	68.2	31.8	95.4





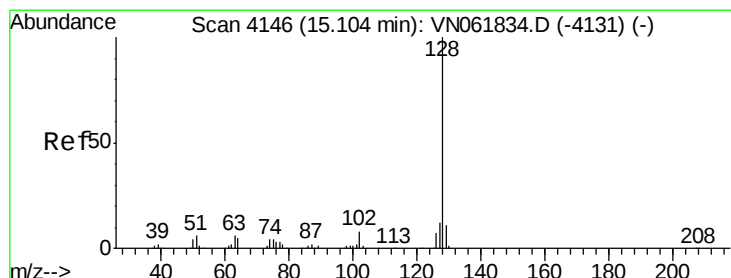
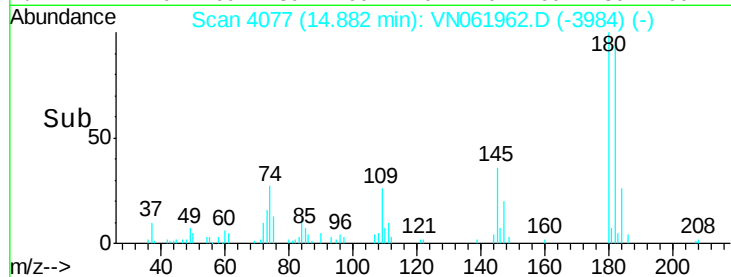
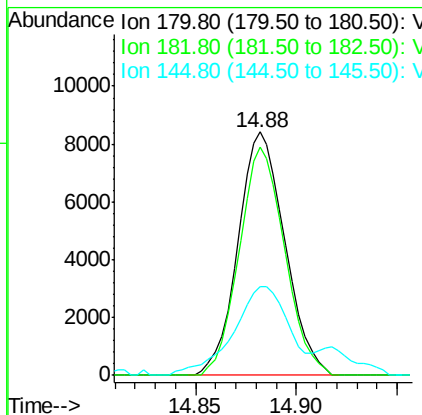
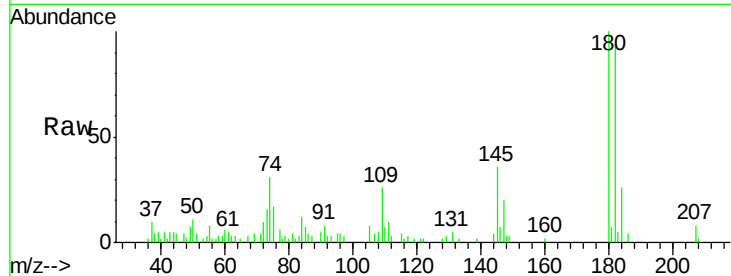
#93
 1,2,4-Trichlorobenzene
 Concen: 5.609 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061962.D
 Acq: 19 Jun 2020 19:11

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.0	141.2
145	43.6	15.8	47.3

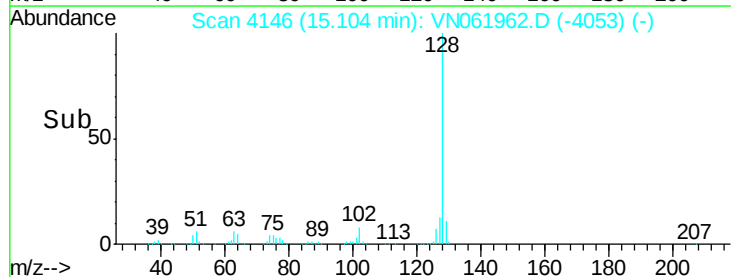
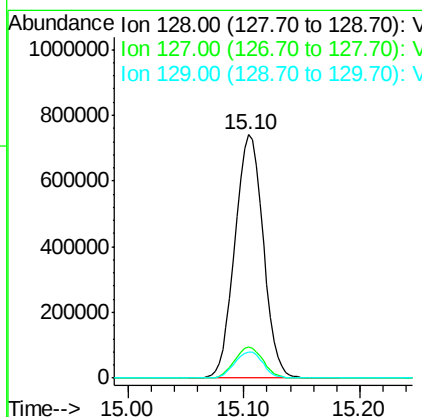
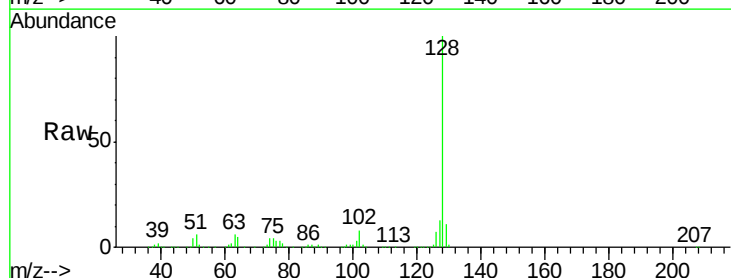
Manual Integrations
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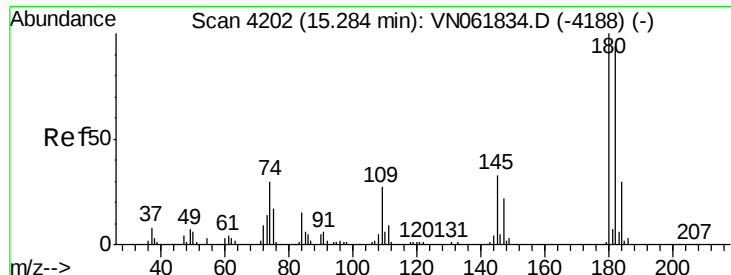
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#95
 Naphthalene
 Concen: 146.810 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. -0.00 min
 Lab File: VN061962.D
 Acq: 19 Jun 2020 19:11

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.8	8.6	13.0





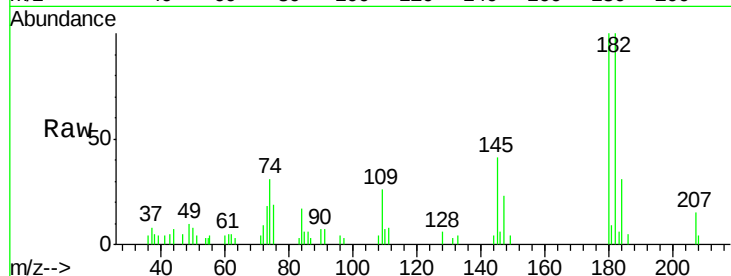
#96
 1,2,3-Trichlorobenzene
 Concen: 4.040 ug/l
 RT: 15.28 min Scan# 4202
 Delta R.T. -0.00 min
 Lab File: VN061962.D
 Acq: 19 Jun 2020 19:11

Instrument :
 MSVOA_N
 ClientSampleId :
 LF001MW001-200615

Tot Ion	Ratio	Resp	Lower	Upper
180	100	9737		
182	99.3	47.9	143.6	
145	45.2	16.5	49.5	

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

