

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082520\
 Data File : VN063107.D
 Acq On : 25 Aug 2020 12:04
 Operator : JC/MD
 Sample : VN0825WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2020 11:26:39 AM

Quant Time: Aug 26 06:02:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	171447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	260662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	252989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	113687	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	
35) Dibromofluoromethane	7.55	113	93010	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
50) Toluene-d8	10.06	98	357700	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.38	95	127577	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	39943	18.010	ug/l	98
3) Chloromethane	2.04	50	45319	19.278	ug/l	98
4) Vinyl Chloride	2.16	62	46407	20.413	ug/l	98
5) Bromomethane	2.49	94	19888	14.739	ug/l	97
6) Chloroethane	2.60	64	28713	21.392	ug/l	98
7) Trichlorofluoromethane	2.94	101	55957	19.737	ug/l	97
8) Diethyl Ether	3.37	74	19365	19.308	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.70	101	27559	18.040	ug/l	99
10) Methyl Iodide	3.89	142	33584	17.344	ug/l #	94
11) Tert butyl alcohol	4.76	59	19426	67.494	ug/l #	93
12) 1,1-Dichloroethene	3.67	96	24387	16.757	ug/l	96
13) Acrolein	3.57	56	1885m	20.906	ug/l	
14) Allyl chloride	4.26	41	44008	17.151	ug/l	98
15) Acrylonitrile	4.93	53	83842	99.109	ug/l	97
16) Acetone	3.78	43	65657	101.285	ug/l	97
17) Carbon Disulfide	3.99	76	60297	15.821	ug/l	96
18) Methyl Acetate	4.28	43	39564	19.593	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	100550	19.812	ug/l	98
20) Methylene Chloride	4.50	84	35521	18.999	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	28281	18.569	ug/l	96
22) Diisopropyl ether	5.91	45	113128	19.428	ug/l	95
23) Vinyl Acetate	5.84	43	353774	90.034	ug/l	98
24) 1,1-Dichloroethane	5.79	63	61828	19.001	ug/l	99
25) 2-Butanone	6.79	43	98620	91.418	ug/l	99
26) 2,2-Dichloropropane	6.77	77	49575	19.373	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	35218	18.449	ug/l	99
28) Bromochloromethane	7.15	49	33305	19.562	ug/l	96
29) Tetrahydrofuran	7.17	42	65513	94.095	ug/l	98
30) Chloroform	7.33	83	66994	20.443	ug/l	98
31) Cyclohexane	7.61	56	53530	17.874	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	52435	19.599	ug/l	99
36) 1,1-Dichloropropene	7.75	75	40870	17.792	ug/l	99
37) Ethyl Acetate	6.89	43	38760	18.008	ug/l	99
38) Carbon Tetrachloride	7.73	117	43211	18.633	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46010	15.935	ug/l	97
40) Benzene	8.00	78	141618	19.438	ug/l	99
41) Methacrylonitrile	7.13	41	19876	19.382	ug/l	96
42) 1,2-Dichloroethane	8.09	62	50348	20.581	ug/l	100
43) Isopropyl Acetate	8.13	43	71864	20.153	ug/l #	90
44) Trichloroethene	8.80	130	33789	18.645	ug/l	95
45) 1,2-Dichloropropane	9.09	63	41532	19.721	ug/l	99
46) Dibromomethane	9.18	93	24997	20.547	ug/l	99
47) Bromodichloromethane	9.37	83	53314	20.008	ug/l	97
48) Methyl methacrylate	9.17	41	33421	19.809	ug/l	96
49) 1,4-Dioxane	9.17	88	5804	169.230	ug/l #	86
51) 4-Methyl-2-Pentanone	9.96	43	241363	107.085	ug/l	98
52) Toluene	10.12	92	88019	20.027	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	56252	20.414	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	60580	20.041	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	39336	20.932	ug/l	99
56) Ethyl methacrylate	10.40	69	50939	18.680	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64300	20.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	60334	93.532	ug/l	99
59) 2-Hexanone	10.73	43	169524	107.827	ug/l	96
60) Dibromochloromethane	10.88	129	42115	20.251	ug/l	99
61) 1,2-Dibromoethane	10.98	107	36715	20.333	ug/l	98
64) Tetrachloroethene	10.60	164	29677	17.845	ug/l	99
65) Chlorobenzene	11.41	112	96966	19.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	38482	19.472	ug/l	99
67) Ethyl Benzene	11.49	91	162048	18.875	ug/l	100
68) m/p-Xylenes	11.60	106	123439	38.685	ug/l	99
69) o-Xylene	11.92	106	58965	19.244	ug/l	99
70) Styrene	11.94	104	104837	18.501	ug/l	98
71) Bromoform	12.10	173	31427	19.978	ug/l #	98
73) Isopropylbenzene	12.23	105	157676	18.290	ug/l	100
74) N-amyl acetate	12.05	43	61984	20.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	59027	20.215	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	47550m	19.432	ug/l	
77) Bromobenzene	12.50	156	45426	19.159	ug/l	98
78) n-propylbenzene	12.57	91	185249	18.852	ug/l	99
79) 2-Chlorotoluene	12.65	91	115691	18.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	132739	18.626	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	18553	20.823	ug/l	99
82) 4-Chlorotoluene	12.75	91	119800	19.036	ug/l	100
83) tert-Butylbenzene	12.97	119	112506	18.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	123400	17.774	ug/l	99
85) sec-Butylbenzene	13.15	105	147596	17.755	ug/l	99
86) p-Isopropyltoluene	13.26	119	121968	16.839	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	79693	19.558	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	79523	19.228	ug/l	98
89) n-Butylbenzene	13.59	91	94906	15.829	ug/l	99
90) Hexachloroethane	13.85	117	26652	17.312	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	78115	19.846	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9773	22.510	ug/l	88

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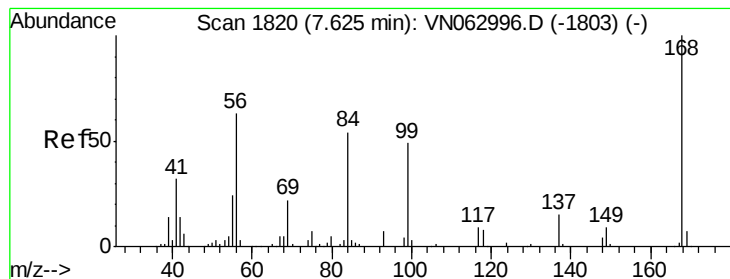
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	31539	17.687	ug/l	98
94) Hexachlorobutadiene	14.99	225	22325	15.349	ug/l	98
95) Naphthalene	15.11	128	64475	17.030	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	29090	16.488	ug/l	99

(#) = 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: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

Tot Ion:168 Resp: 171447

Ion Ratio Lower Upper

168 100

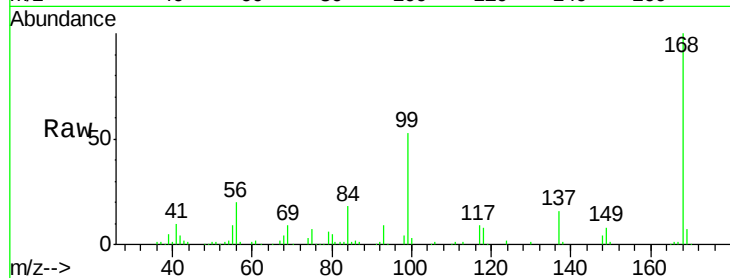
99 52.4 42.0 63.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

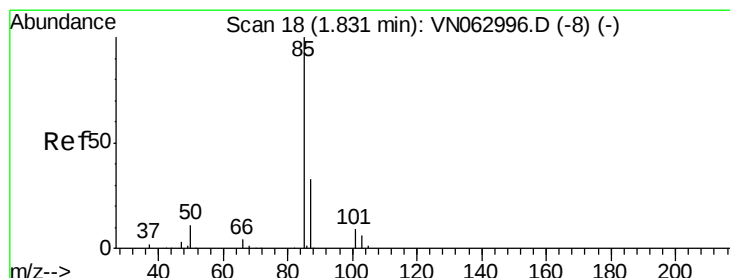
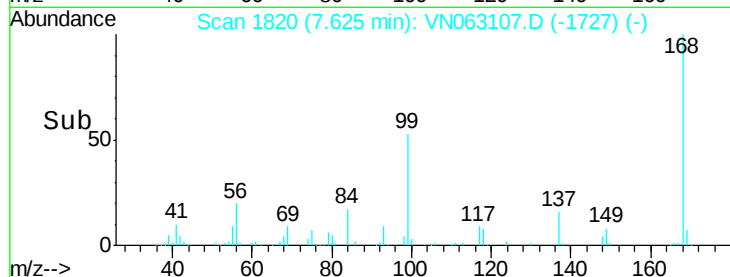
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.010 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN063107.D

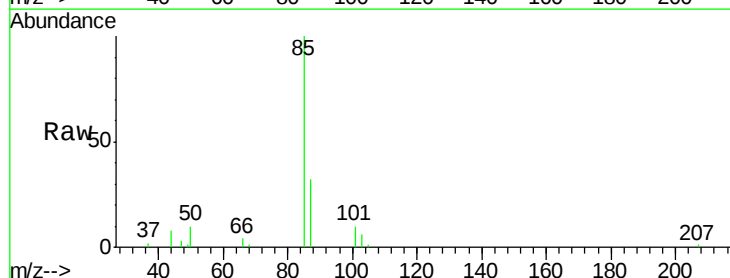
Acq: 25 Aug 2020 12:04

Tgt Ion: 85 Resp: 39943

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

25000

20000

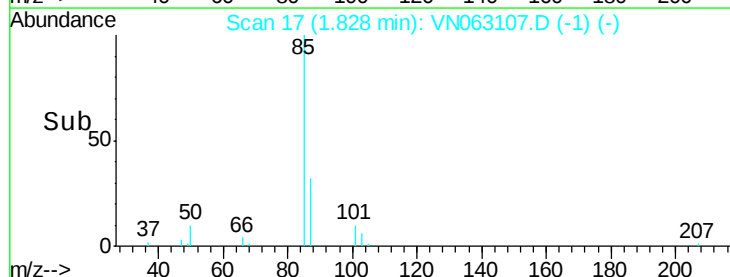
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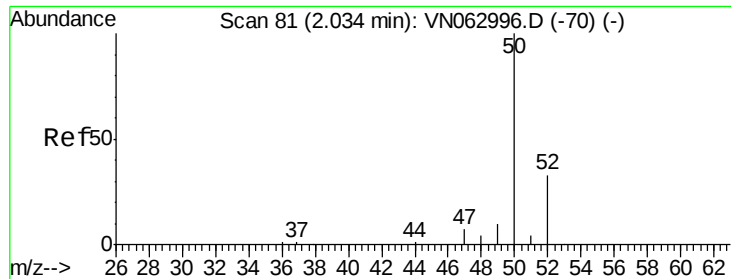
10000

5000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 19.278 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

Tot Ion: 50 Resp: 45319

Ion Ratio Lower Upper

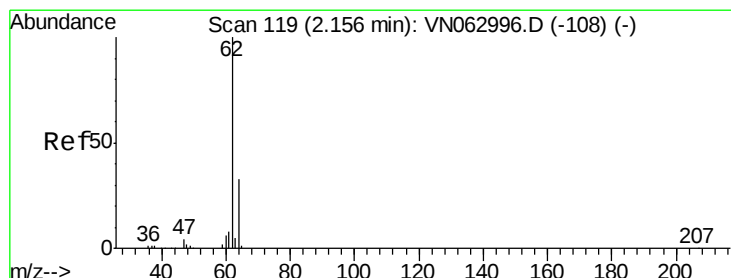
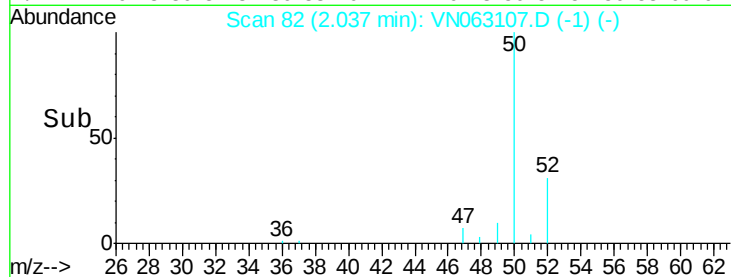
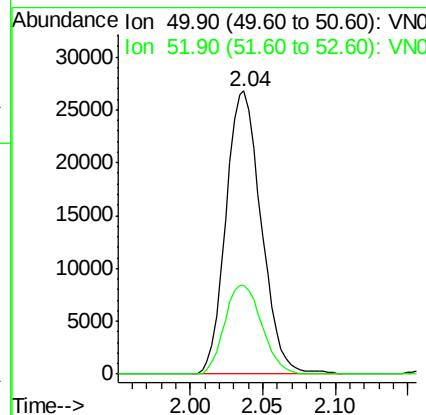
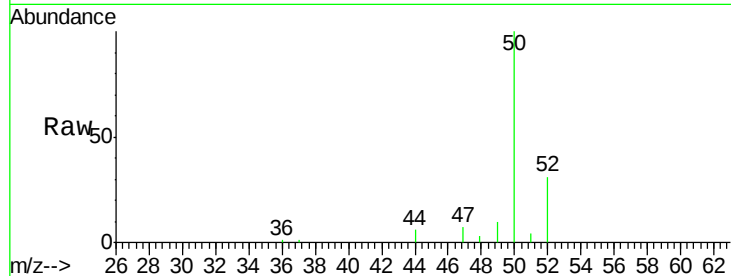
50 100

52 31.4 26.0 39.0

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8/26/2020 11:26:39 AM



#4

Vinyl Chloride

Concen: 20.413 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.01 min

Lab File: VN063107.D

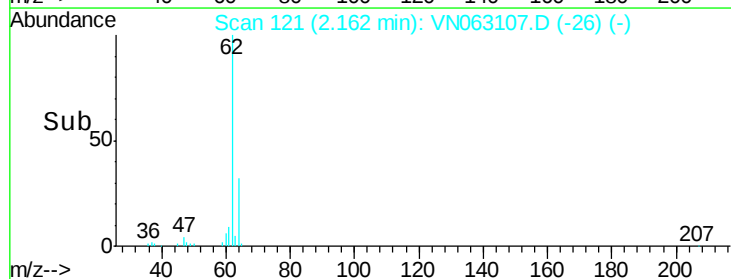
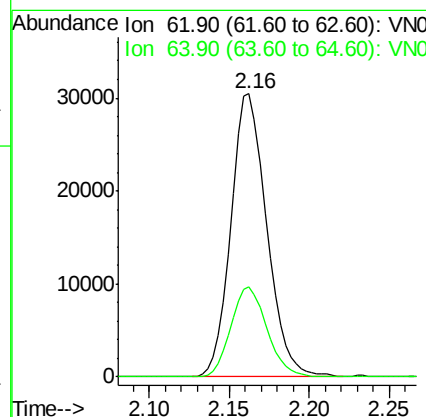
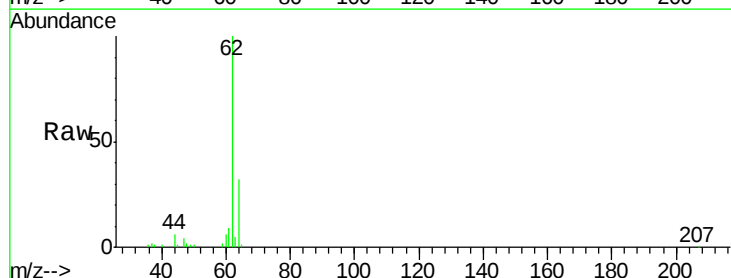
Acq: 25 Aug 2020 12:04

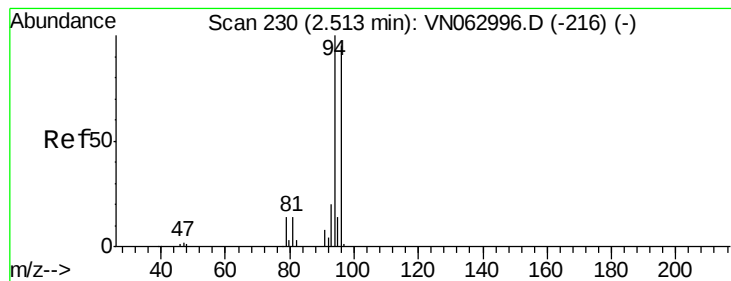
Tgt Ion: 62 Resp: 46407

Ion Ratio Lower Upper

62 100

64 31.7 26.2 39.2





#5

Bromomethane

Concen: 14.739 ug/l

RT: 2.49 min Scan# 222

Delta R.T. -0.03 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

Tot Ion: 94 Resp: 19888

Ion Ratio Lower Upper

94 100

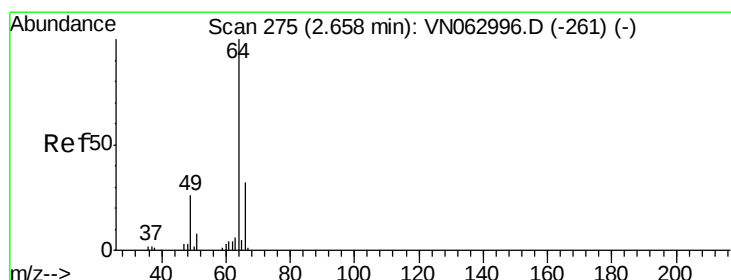
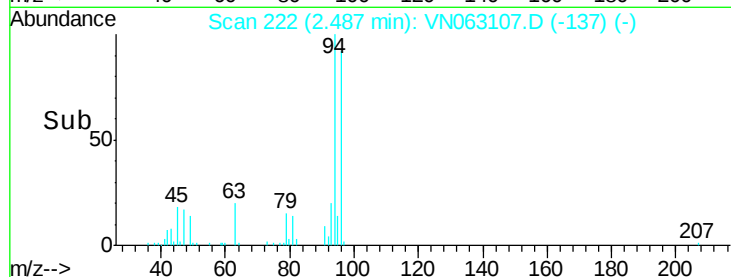
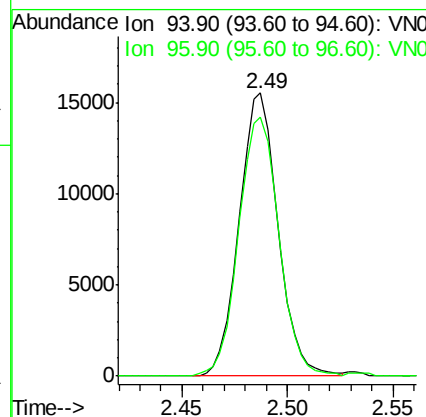
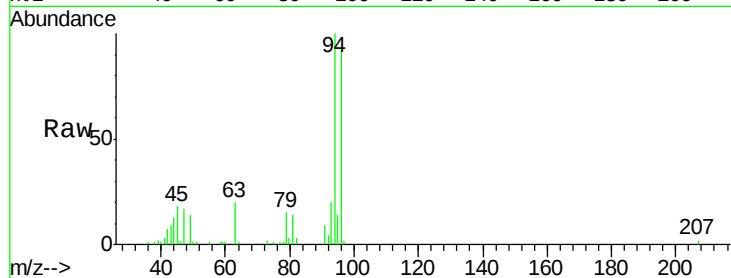
96 91.6 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 21.392 ug/l

RT: 2.60 min Scan# 258

Delta R.T. -0.05 min

Lab File: VN063107.D

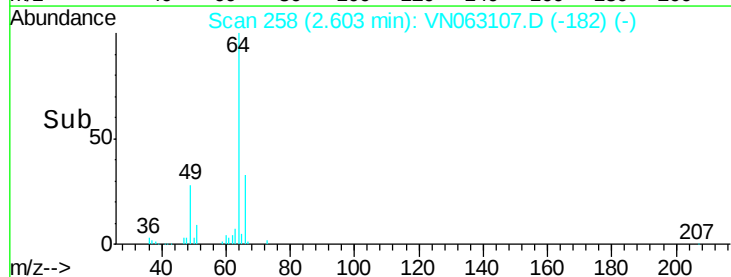
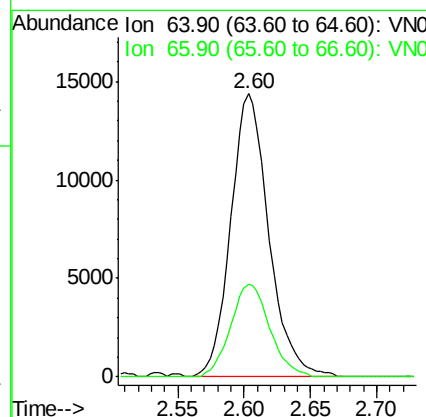
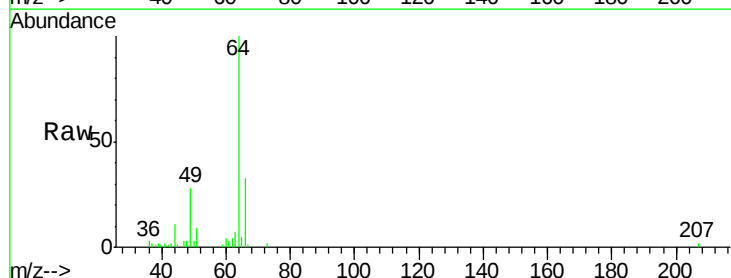
Acq: 25 Aug 2020 12:04

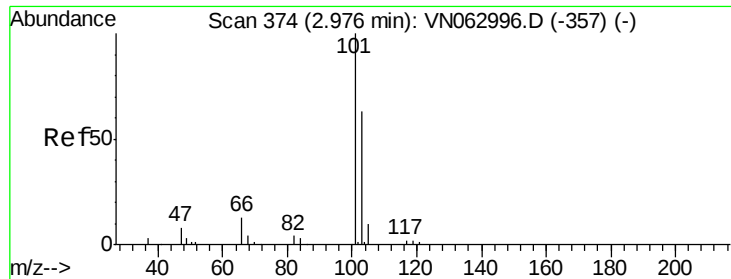
Tgt Ion: 64 Resp: 28713

Ion Ratio Lower Upper

64 100

66 32.8 25.4 38.0





#7

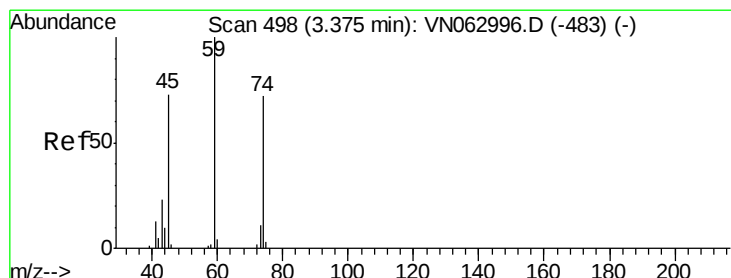
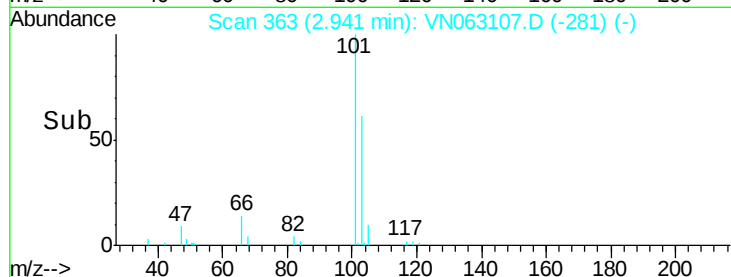
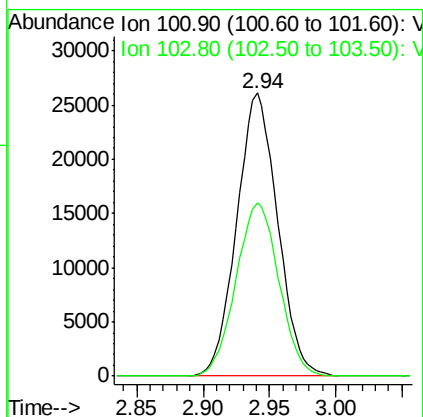
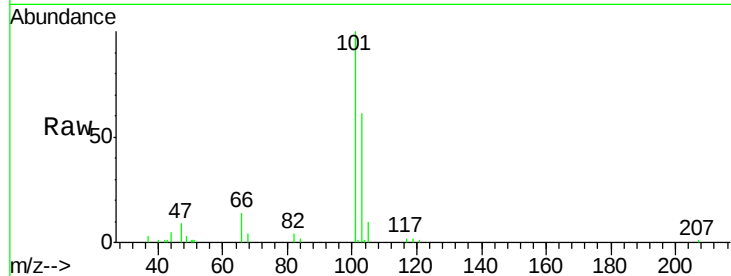
Trichlorofluoromethane
Concen: 19.737 ug/l
RT: 2.94 min Scan# 363
Delta R.T. -0.04 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
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ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.0	50.5	75.7

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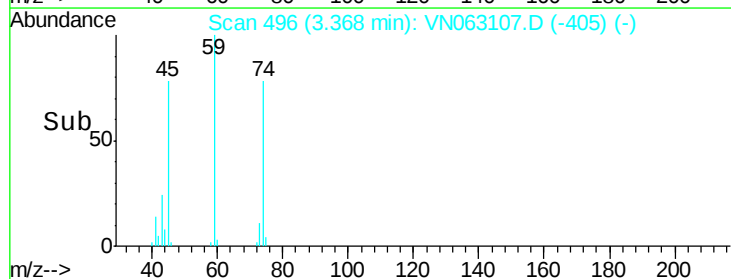
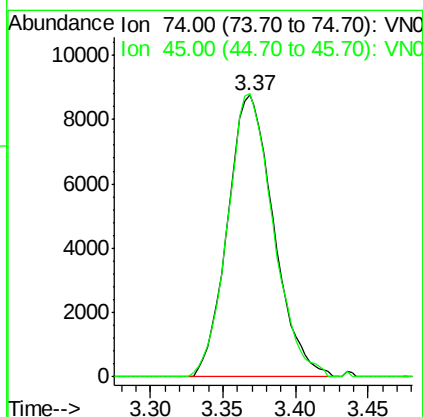
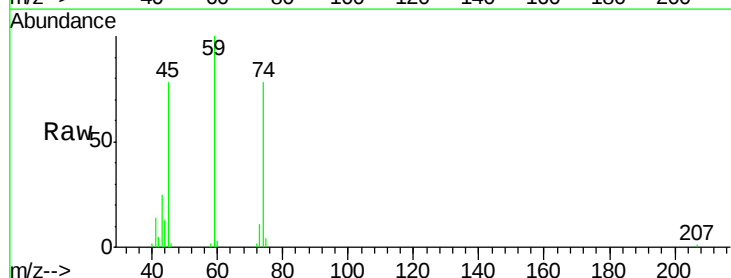
MMDadoda
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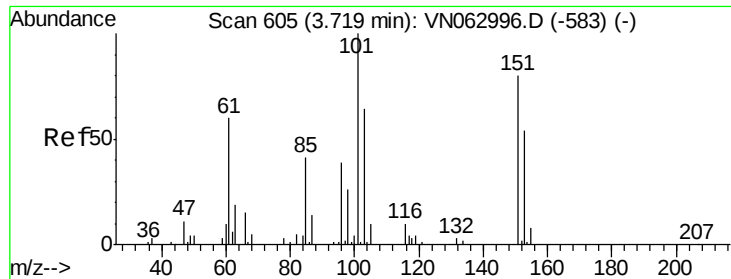


#8

Diethyl Ether
Concen: 19.308 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.01 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	49.9	149.7





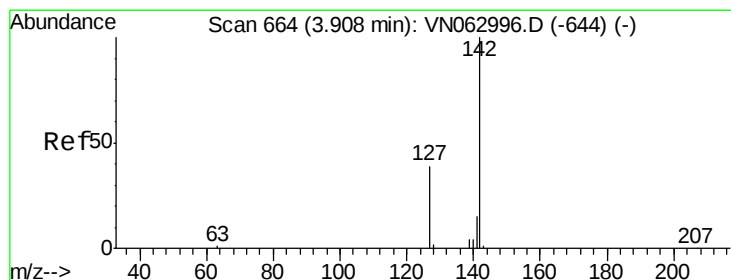
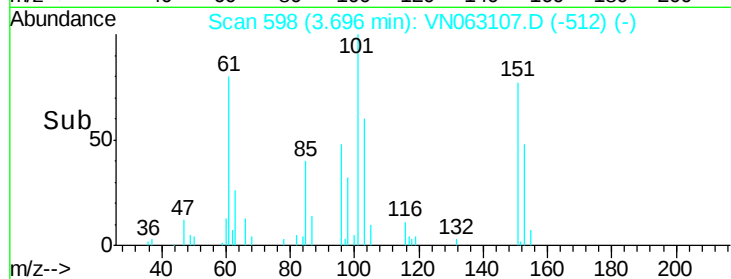
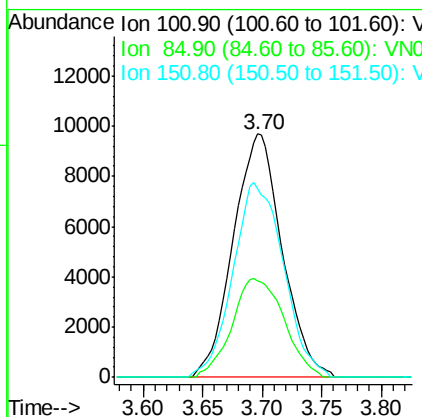
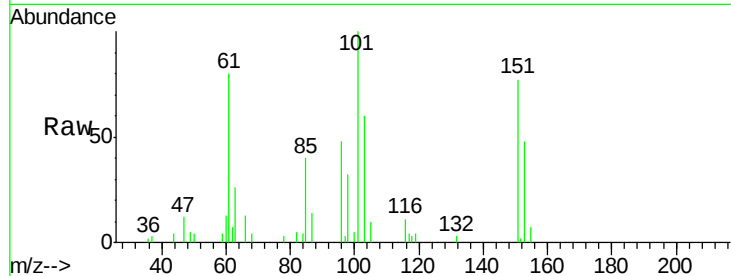
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.040 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.02 min
 Lab File: VN063107.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	27559		
85	43.2		34.0	51.0
151	82.6		65.8	98.8

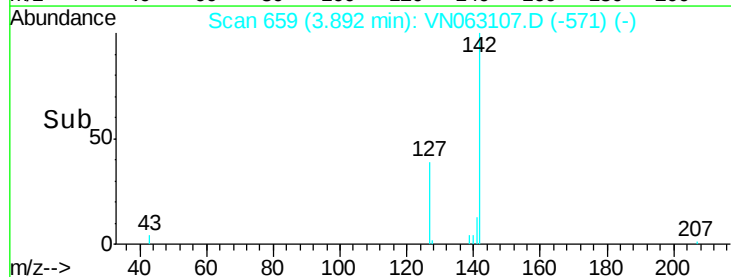
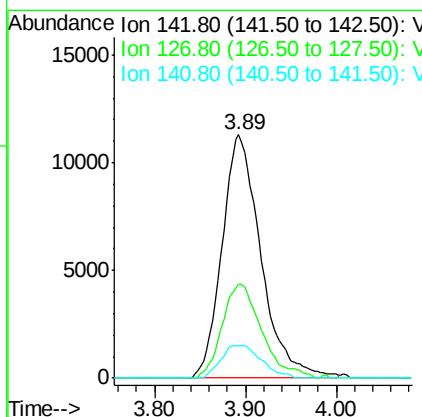
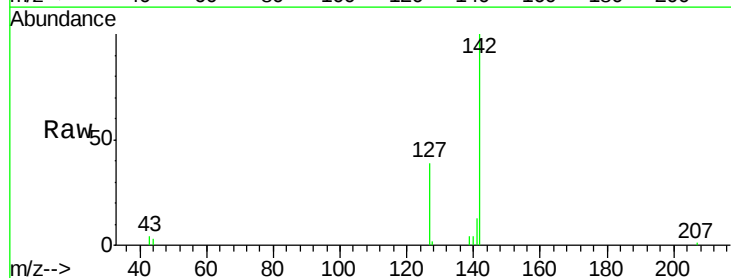
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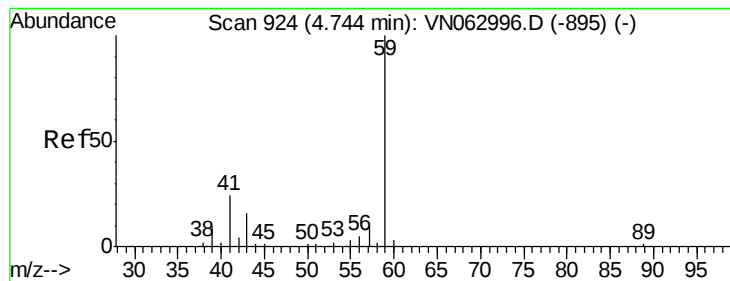
MMDadoda
 8/26/2020 11:26:39 AM



#10
 Methyl Iodide
 Concen: 17.344 ug/l
 RT: 3.89 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	33584		
127	39.2		32.2	48.4
141	6.4		11.3	16.9#





#11

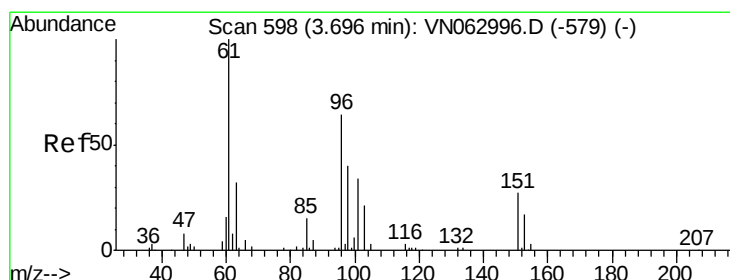
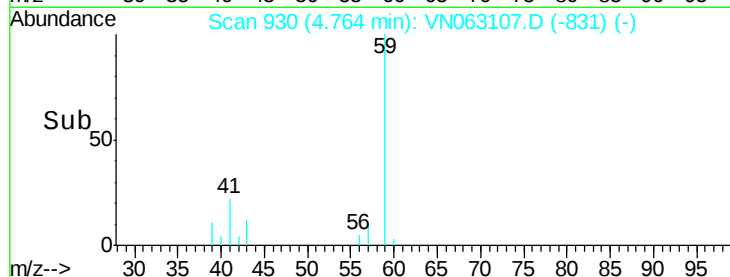
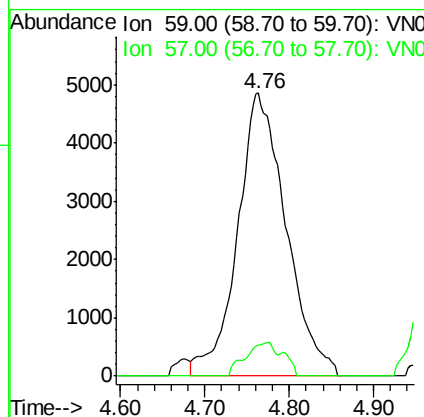
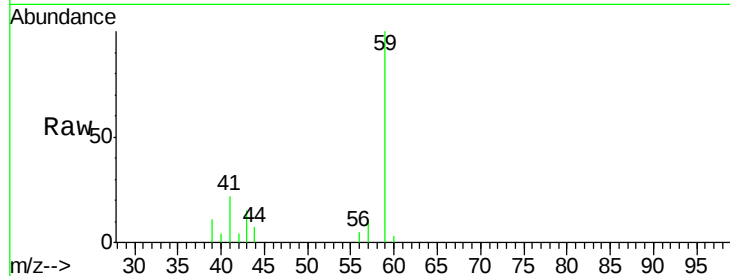
Tert butyl alcohol
 Concen: 67.494 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. 0.02 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.3	7.8	11.6#

Manual Integrations
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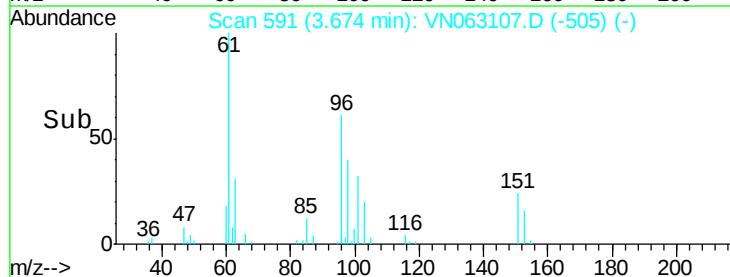
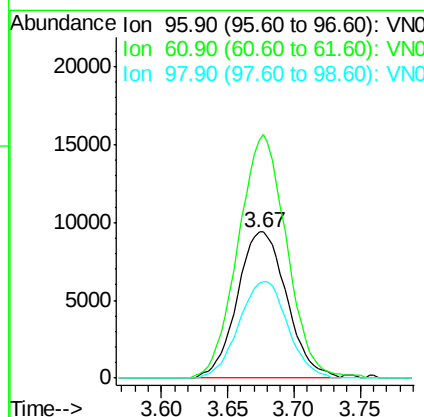
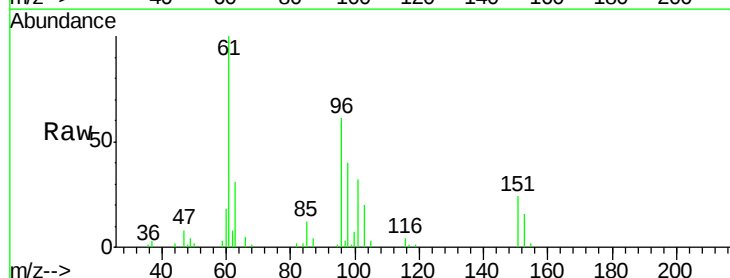
MMDadoda
 8/26/2020 11:26:39 AM

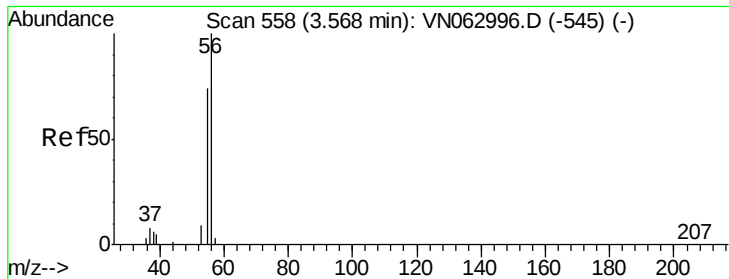


#12

1,1-Dichloroethene
 Concen: 16.757 ug/l
 RT: 3.67 min Scan# 591
 Delta R.T. -0.02 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.3	125.5	188.3
98	65.4	50.4	75.6





#13

Acrolein

Concen: 20.906 ug/l m

RT: 3.57 min Scan# 560

Delta R.T. 0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

Tot Ion: 56 Resp: 1885

Ion Ratio Lower Upper

56 100

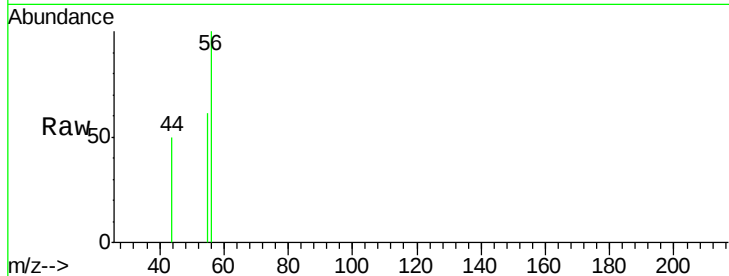
55 65.4 58.4 87.6

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

800

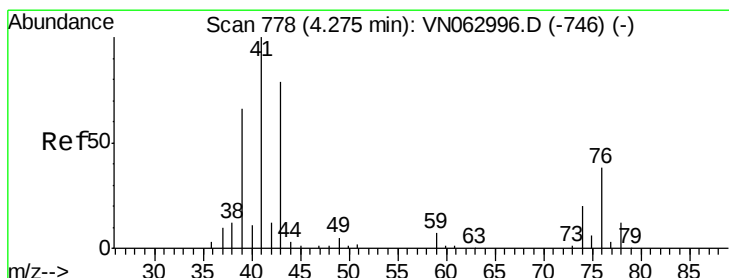
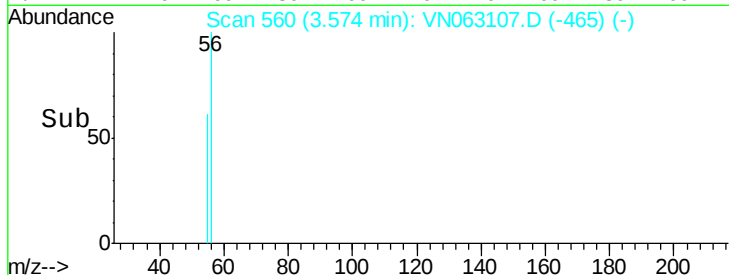
600

400

200

0

Time-->



#14

Allyl chloride

Concen: 17.151 ug/l

RT: 4.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

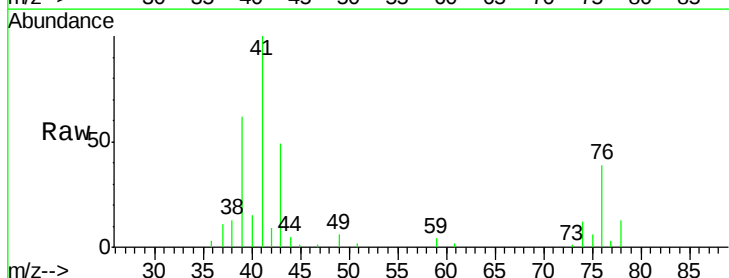
Tgt Ion: 41 Resp: 44008

Ion Ratio Lower Upper

41 100

39 59.1 47.9 71.9

76 35.5 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

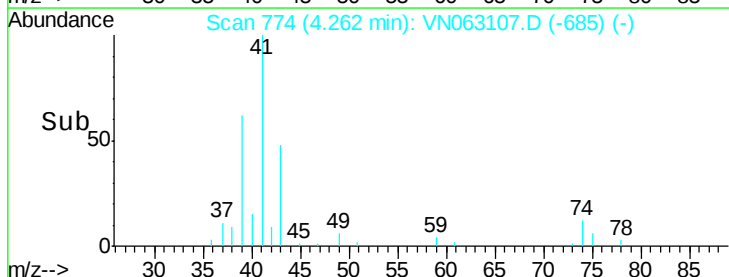
15000

10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 99.109 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

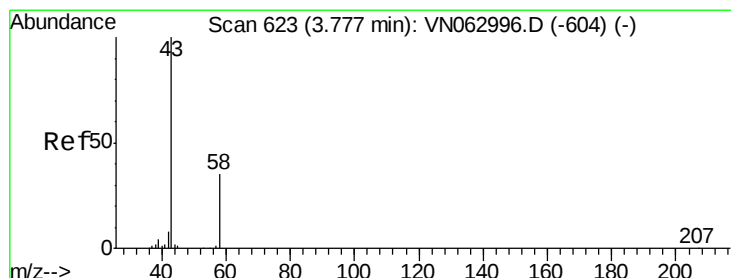
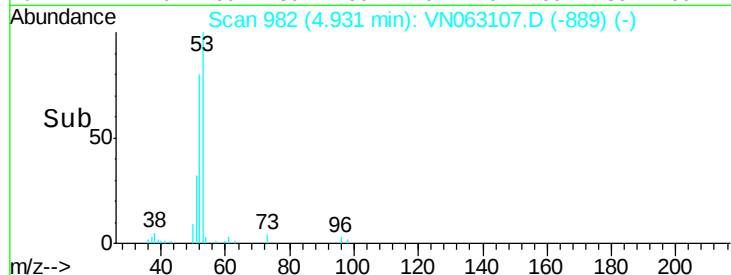
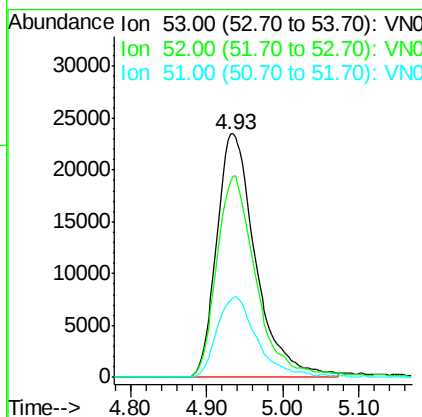
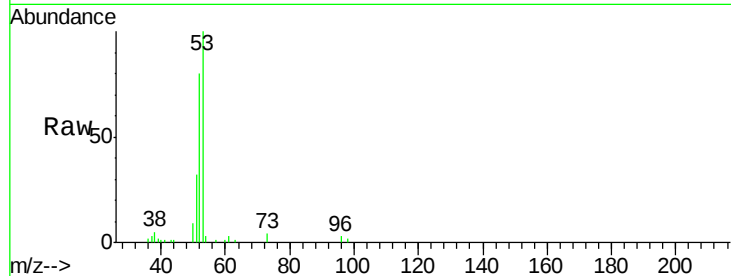
ClientSampleId :

VN0825WBS01

Tot Ion:	53	Resp:	83842
Ion Ratio		Lower	Upper
53	100		
52	80.2	65.6	98.4
51	33.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 101.285 ug/l

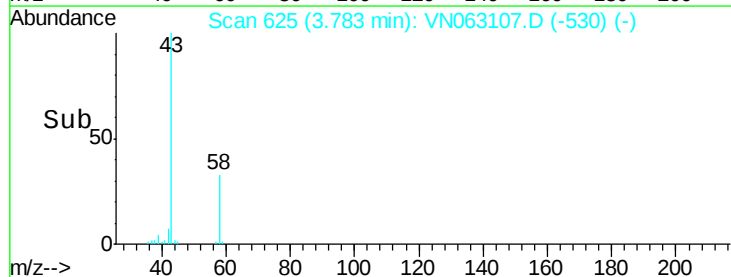
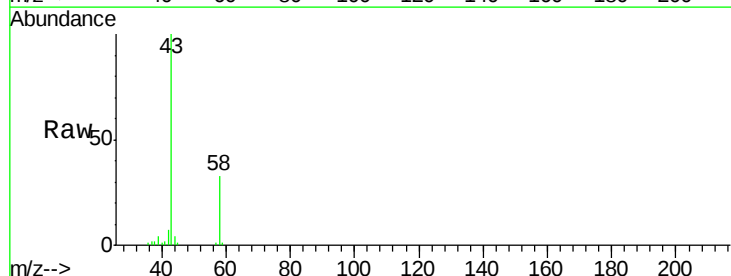
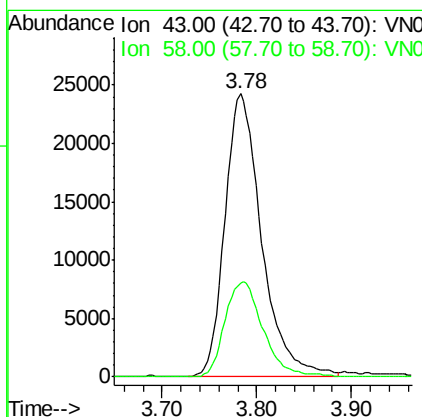
RT: 3.78 min Scan# 625

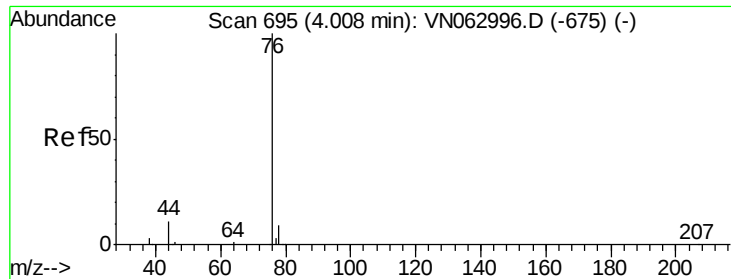
Delta R.T. 0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion:	43	Resp:	65657
Ion Ratio		Lower	Upper
43	100		
58	33.0	27.8	41.6





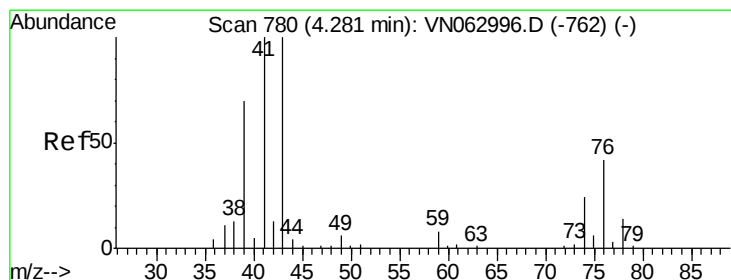
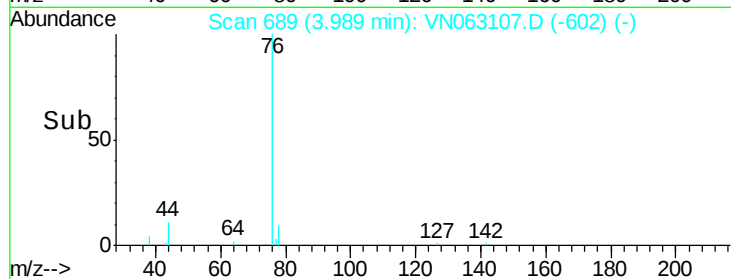
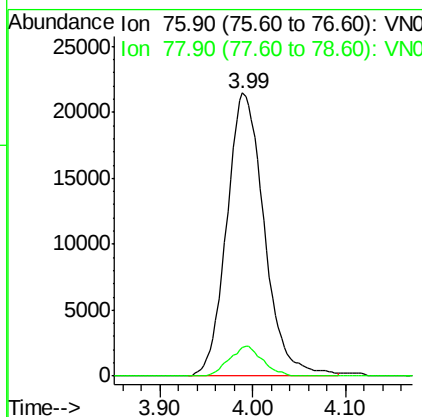
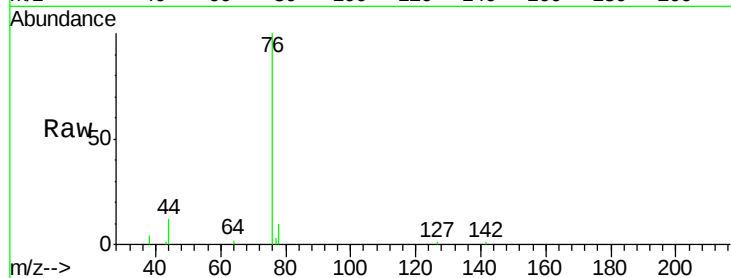
#17
Carbon Disulfide
Concen: 15.821 ug/l
RT: 3.99 min Scan# 689
Delta R.T. -0.02 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.2	6.9	10.3

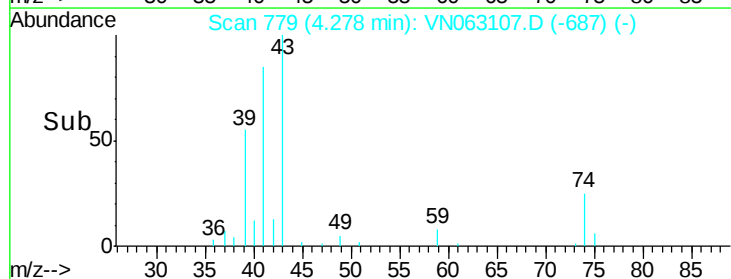
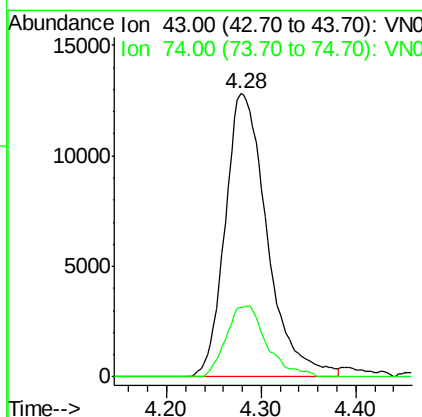
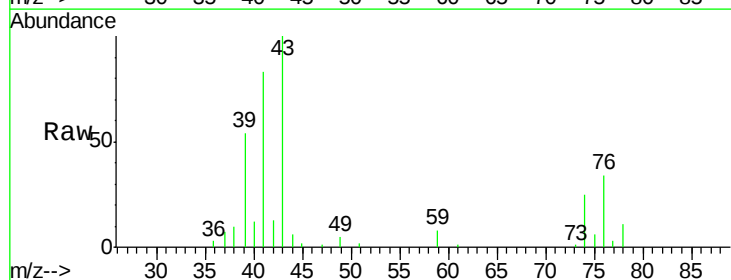
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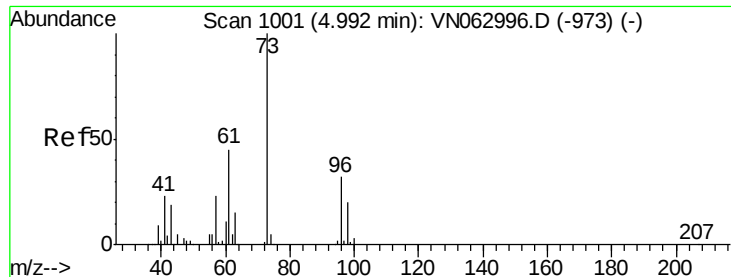
MMDadoda
8/26/2020 11:26:39 AM



#18
Methyl Acetate
Concen: 19.593 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.6	28.0





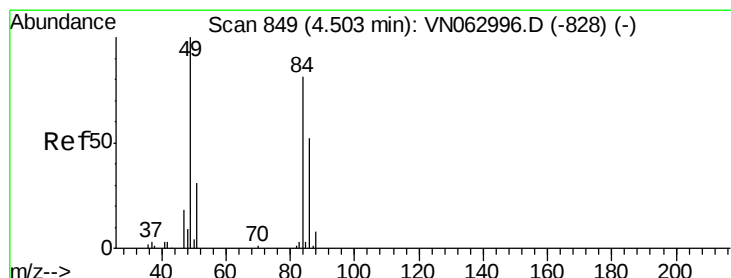
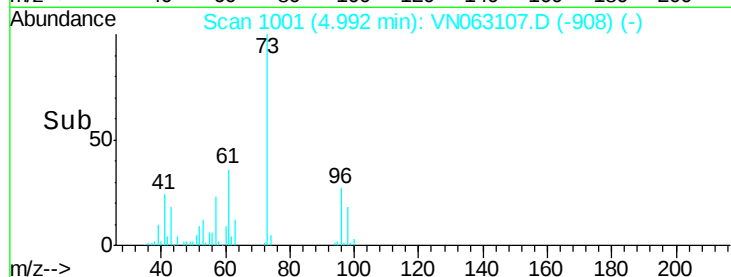
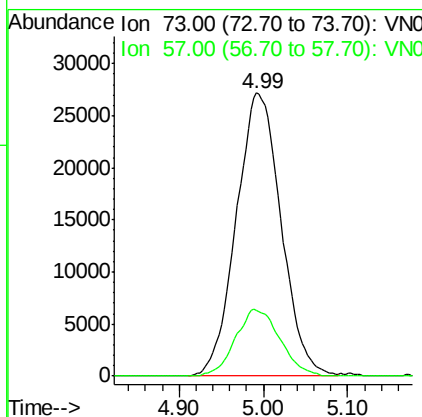
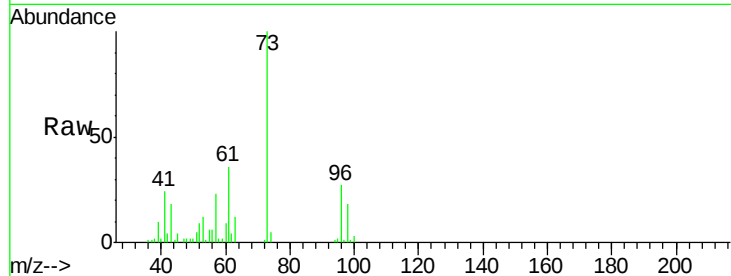
#19
Methvl tert-butvl Ether
Concen: 19.812 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion: 73 Resp: 100550
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1

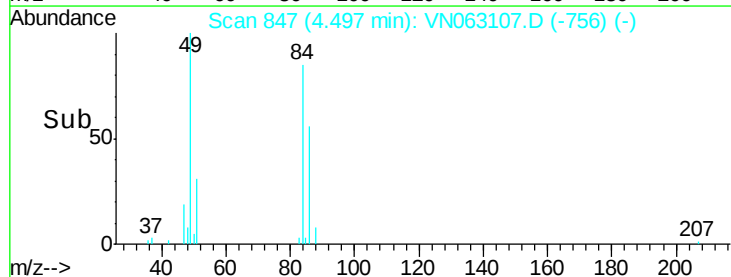
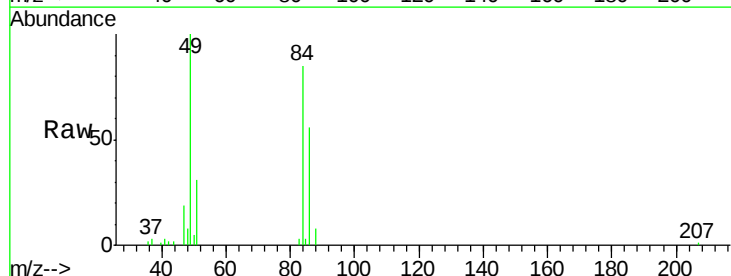
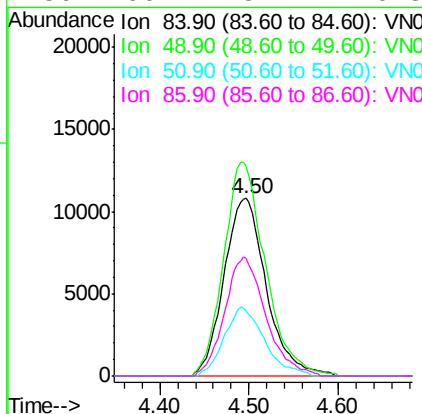
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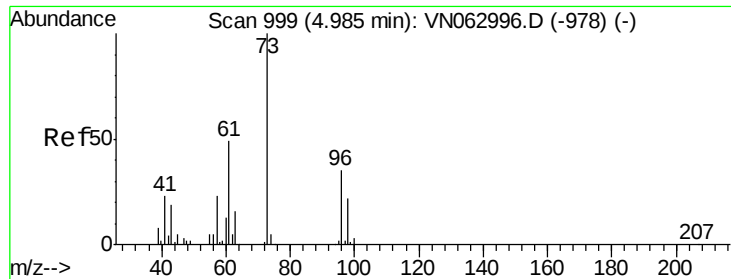
MMDadoda
8/26/2020 11:26:39 AM



#20
Methylene Chloride
Concen: 18.999 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 84 Resp: 35521
Ion Ratio Lower Upper
84 100
49 118.0 98.7 148.1
51 36.8 30.8 46.2
86 66.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.569 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

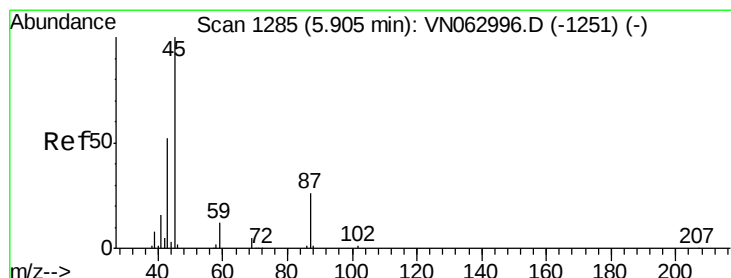
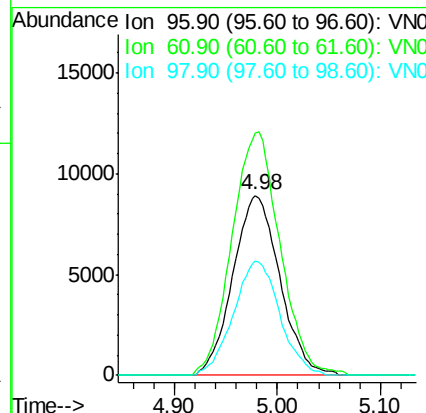
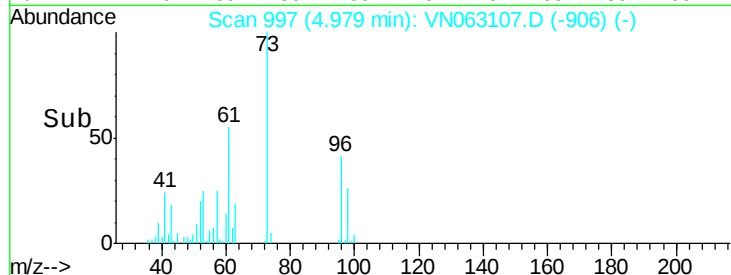
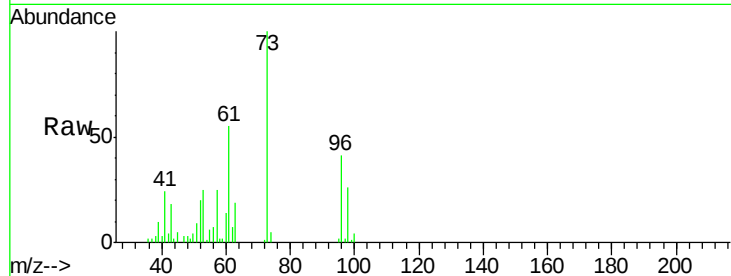
ClientSampleId :

VN0825WBS01

Tot Ion:	96	Resp:	28281
Ion	Ratio	Lower	Upper
96	100		
61	134.7	112.5	168.7
98	63.7	49.4	74.0

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#22

Diisopropyl ether

Concen: 19.428 ug/l

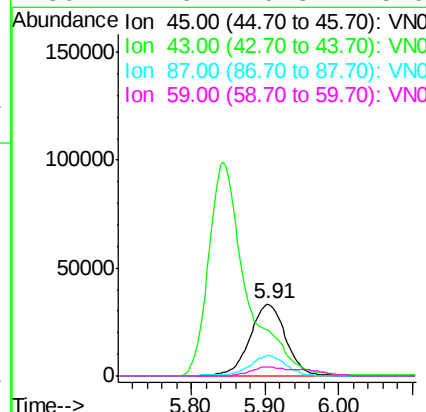
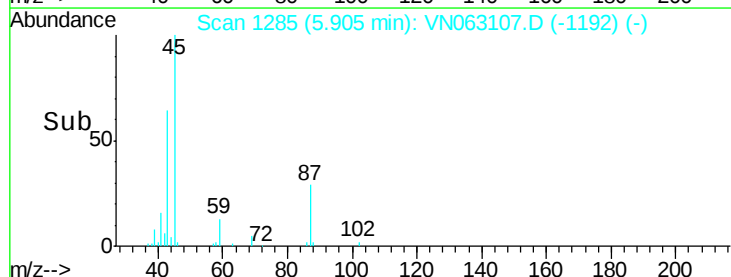
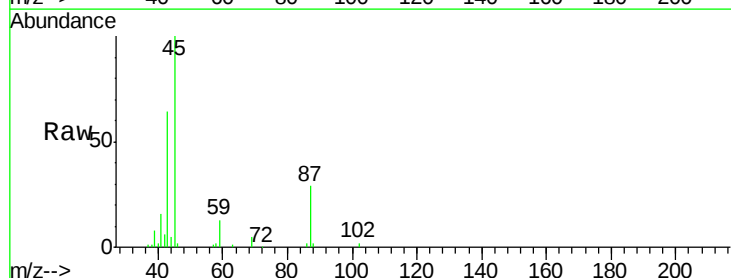
RT: 5.91 min Scan# 1285

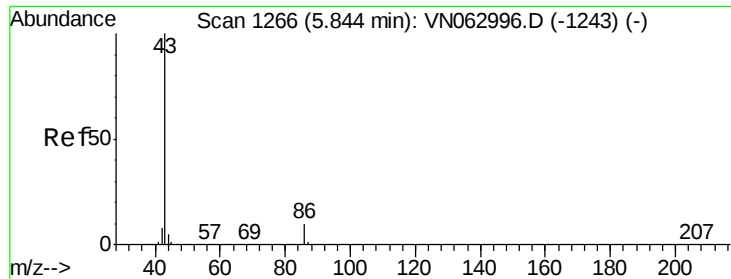
Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion:	45	Resp:	113128
Ion	Ratio	Lower	Upper
45	100		
43	61.0	45.7	68.5
87	29.4	21.8	32.6
59	12.6	9.3	13.9





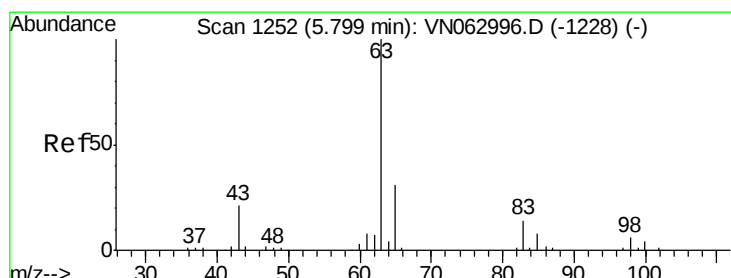
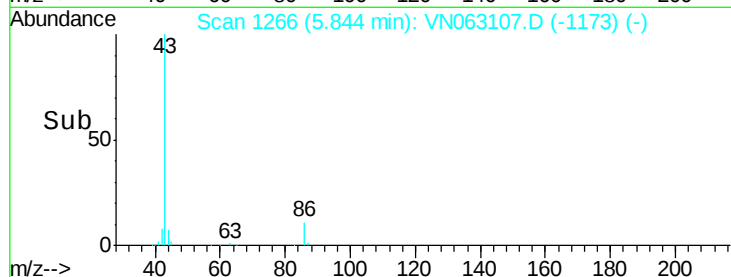
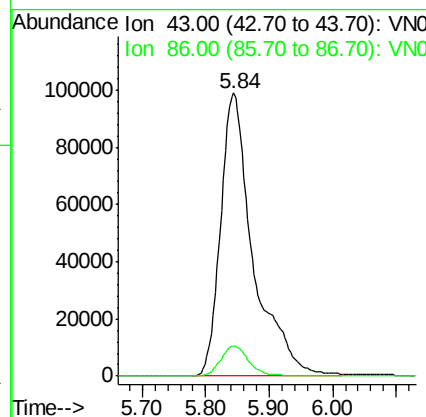
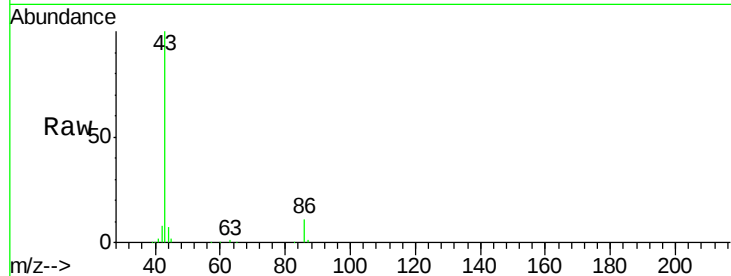
#23
 Vinyl Acetate
 Concen: 90.034 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion: 43 Resp: 353774
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.0 12.0

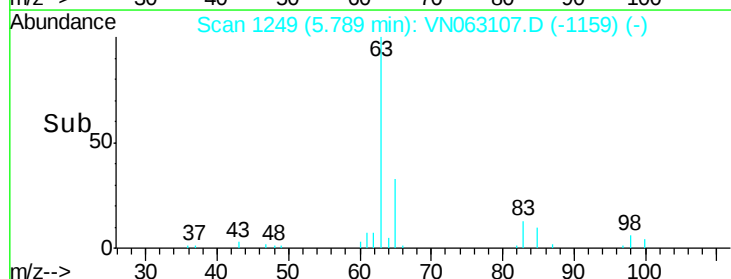
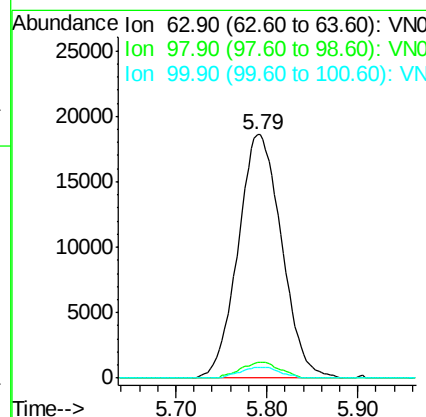
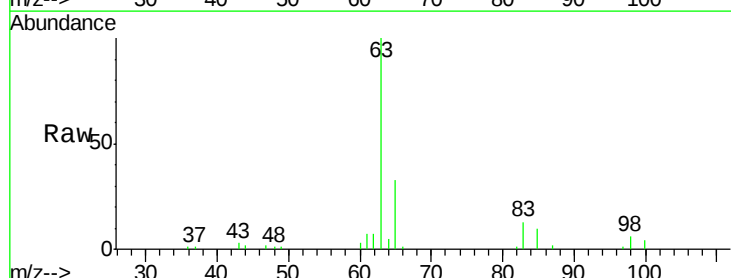
Manual Integrations
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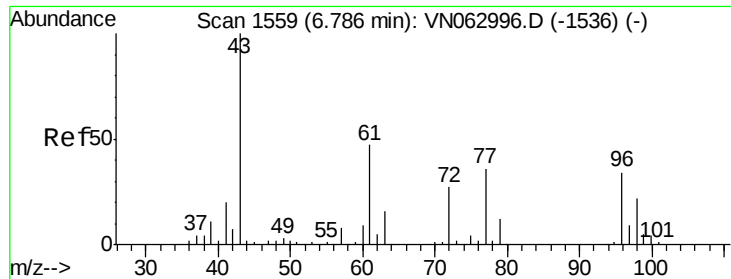
MMDadoda
 8/26/2020 11:26:39 AM



#24
 1,1-Dichloroethane
 Concen: 19.001 ug/l
 RT: 5.79 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion: 63 Resp: 61828
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.7
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 91.418 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VN0825WBS01

Tot Ion: 43 Resp: 98620

Ion Ratio Lower Upper

43 100

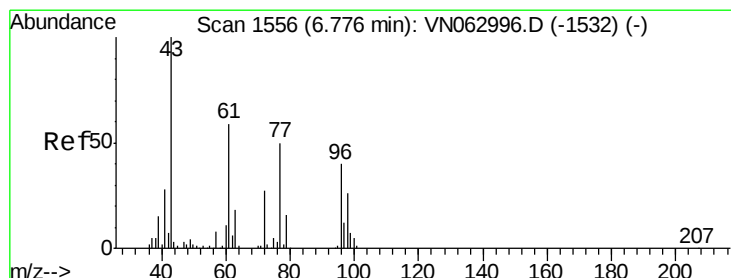
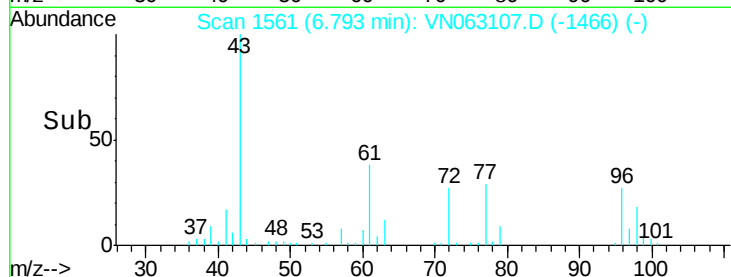
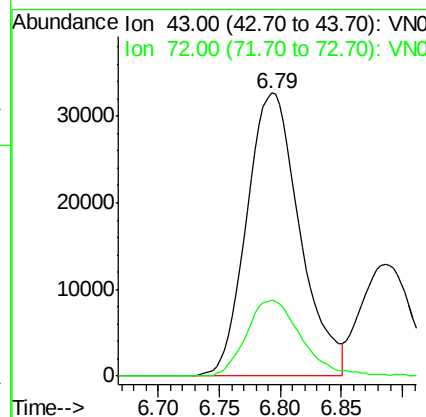
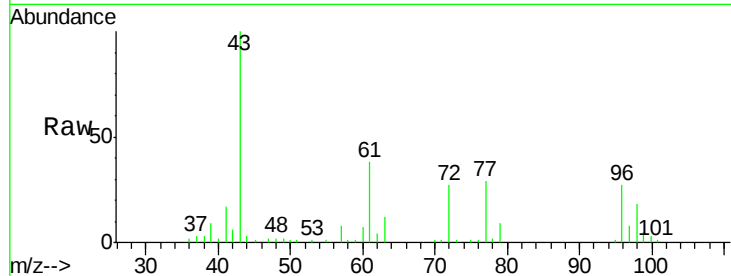
72 26.8 21.8 32.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.373 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN063107.D

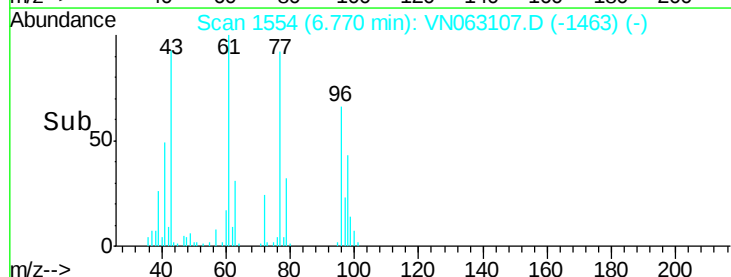
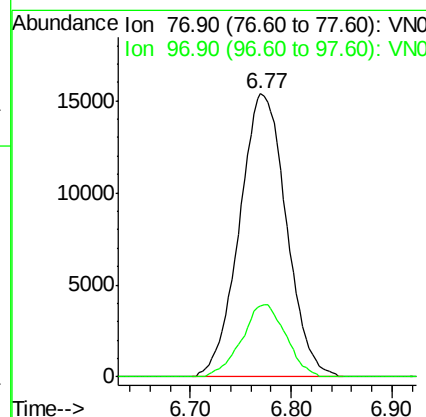
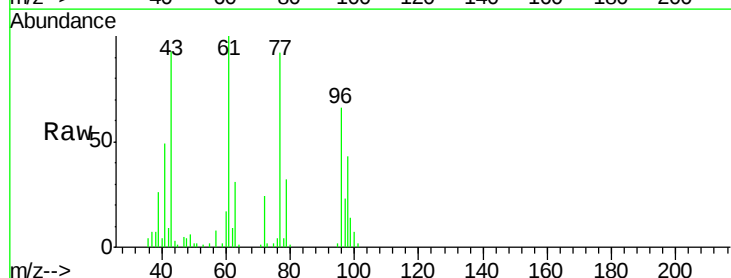
Acq: 25 Aug 2020 12:04

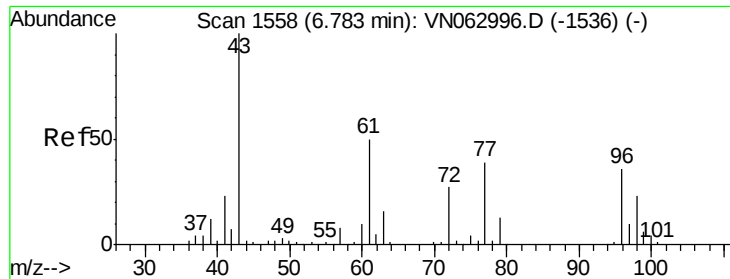
Tgt Ion: 77 Resp: 49575

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 18.449 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

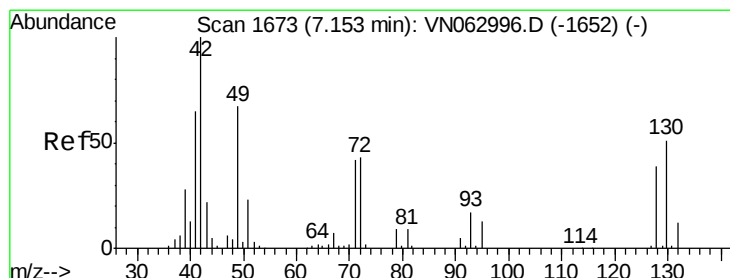
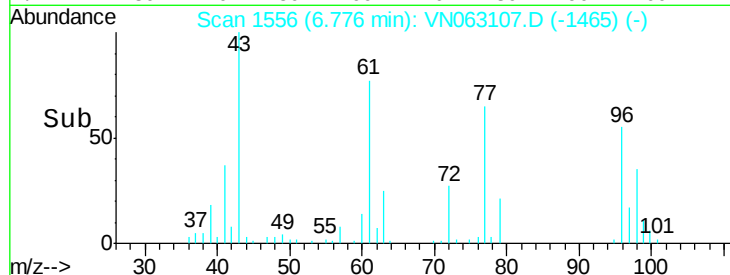
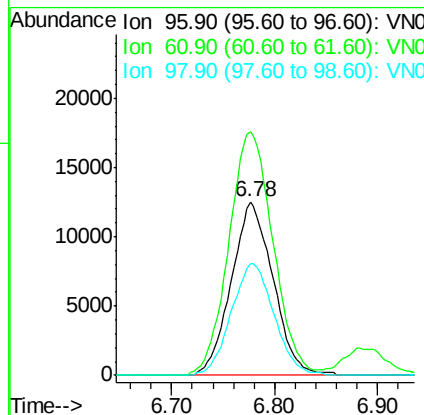
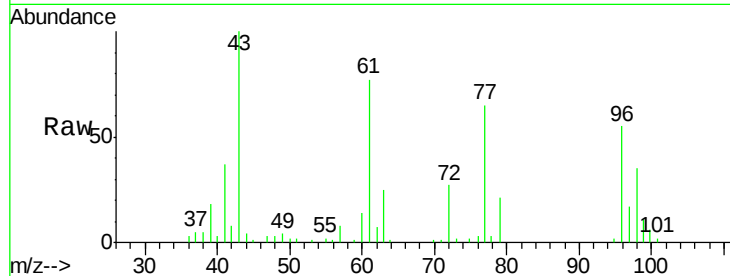
ClientSampleId :

VN0825WBS01

Tot Ion:	96	Resp:	35218
Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	292.8
98	65.8	0.0	130.6

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#28

Bromochloromethane

Concen: 19.562 ug/l

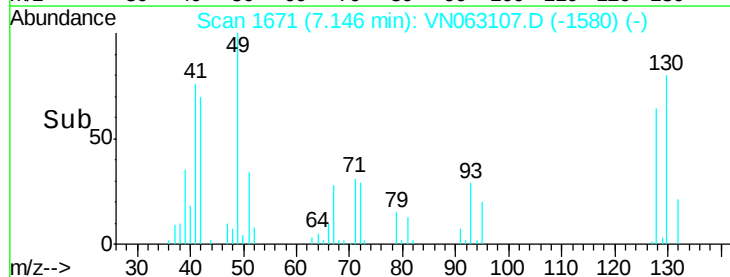
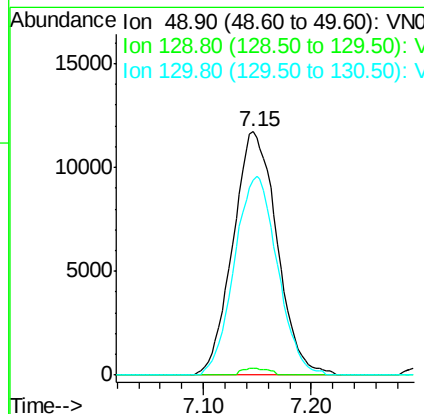
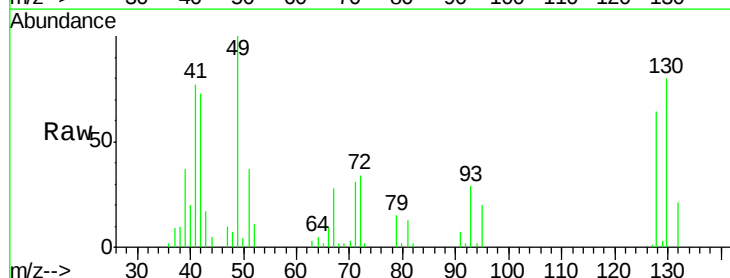
RT: 7.15 min Scan# 1671

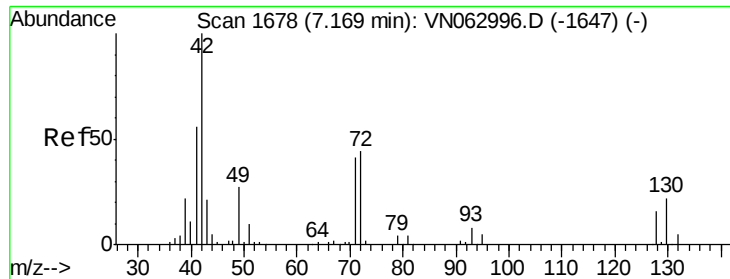
Delta R.T. -0.01 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion:	49	Resp:	33305
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	79.7	61.1	91.7





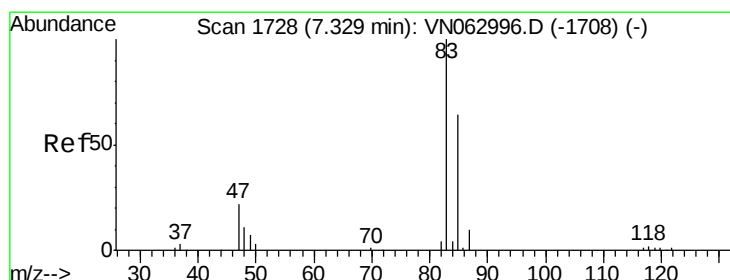
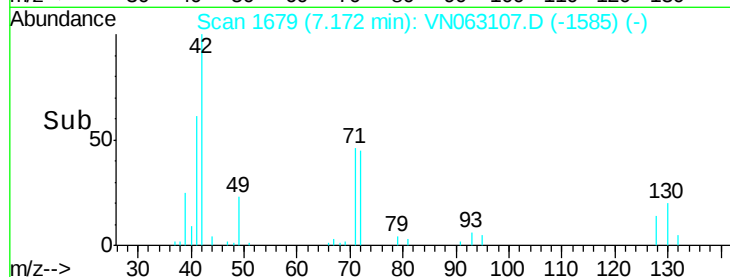
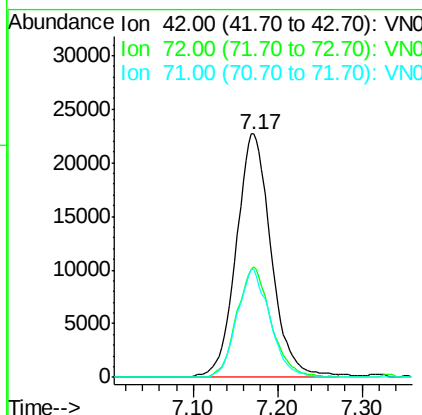
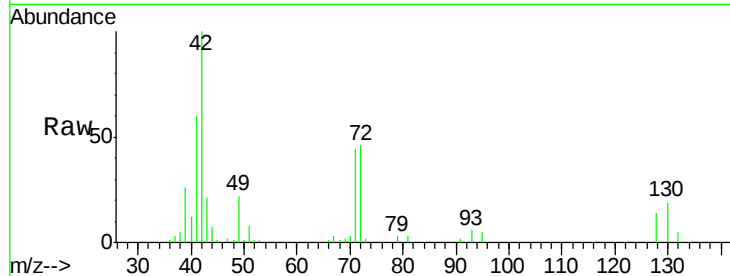
#29
Tetrahydrofuran
Concen: 94.095 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.6	52.0
71	41.7	32.3	48.5

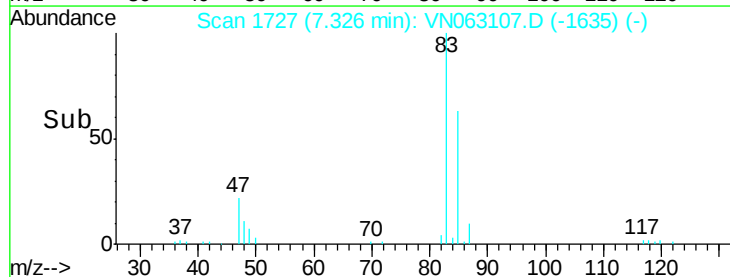
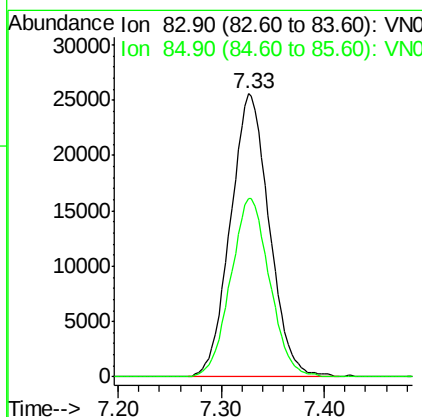
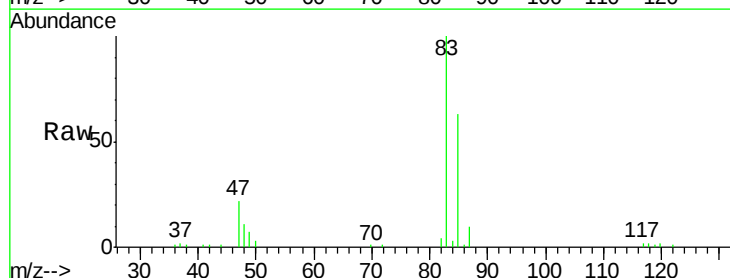
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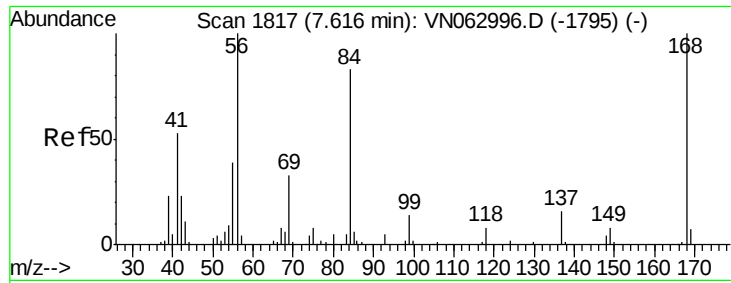
MMDadoda
8/26/2020 11:26:39 AM



#30
Chloroform
Concen: 20.443 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3





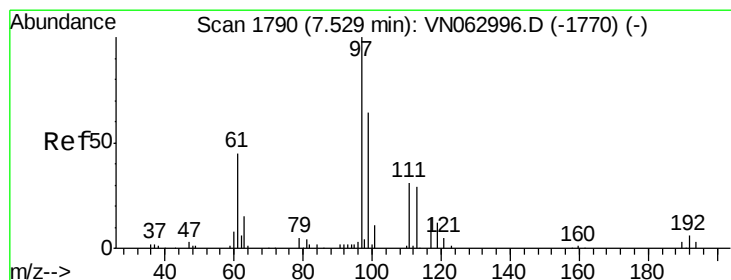
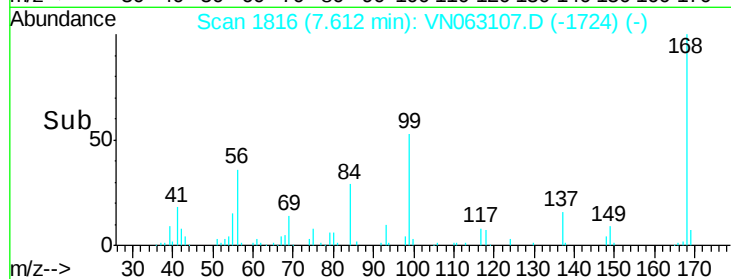
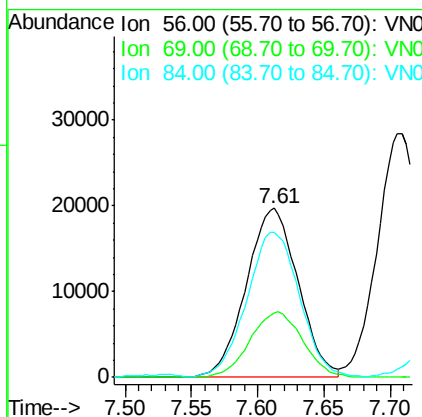
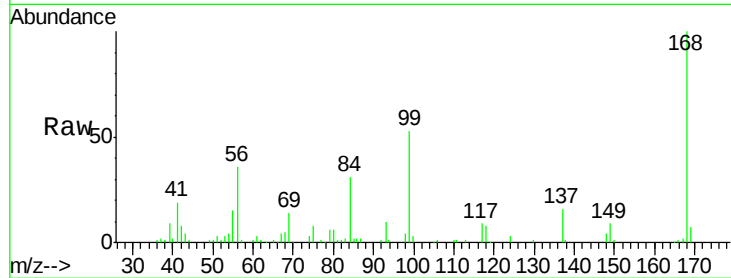
#31
Cyclohexane
Concen: 17.874 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.3	26.6	40.0
84	85.6	66.4	99.6

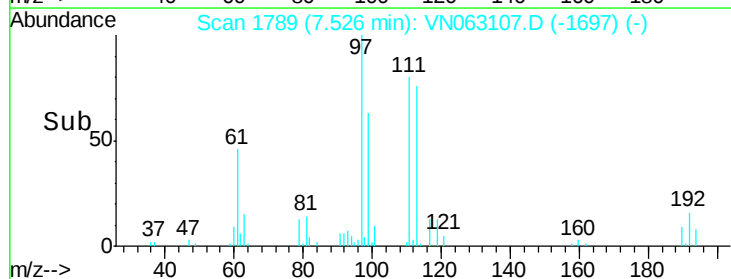
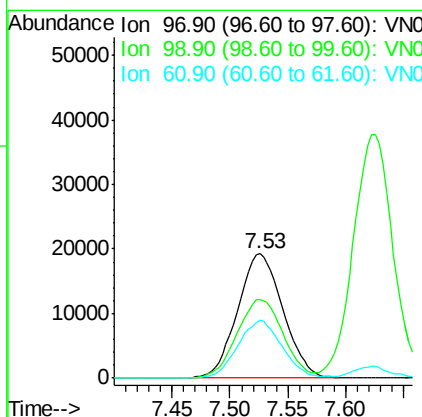
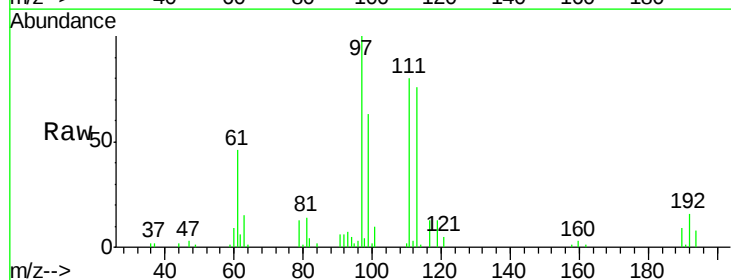
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#32
1,1,1-Trichloroethane
Concen: 19.599 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	45.2	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 55.949 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

Tot Ion: 65 Resp: 113687

Ion Ratio Lower Upper

65 100

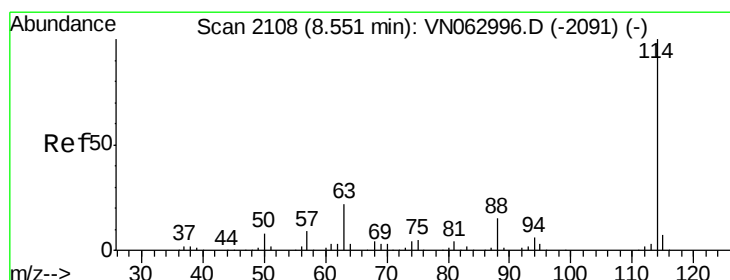
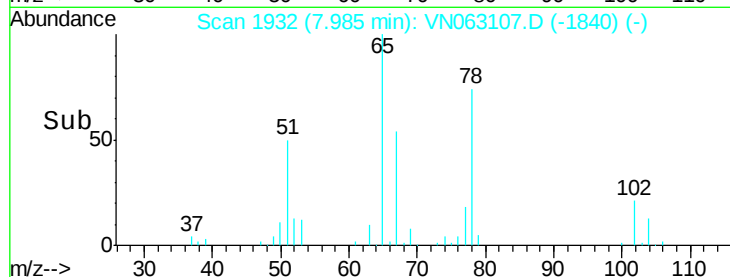
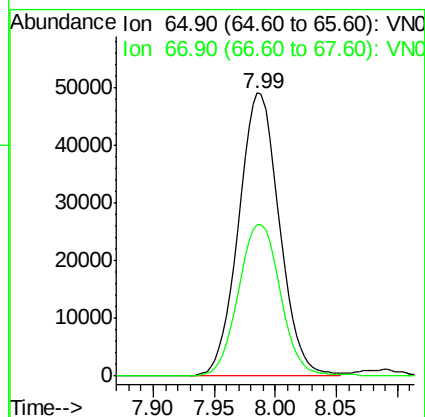
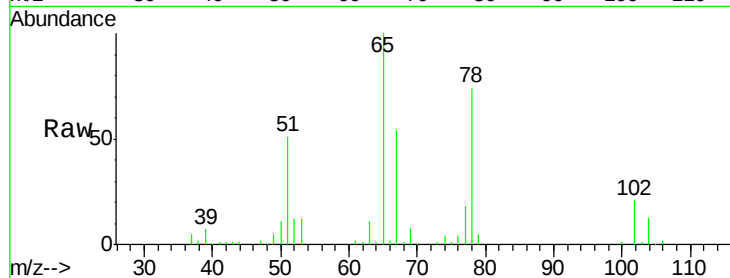
67 55.3 0.0 112.0

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8/26/2020 11:26:39 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

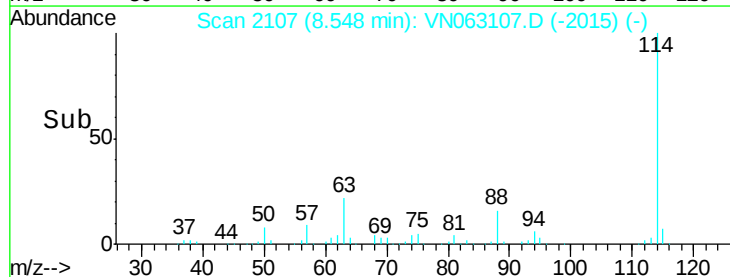
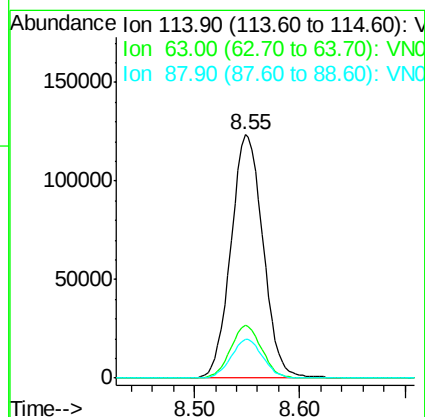
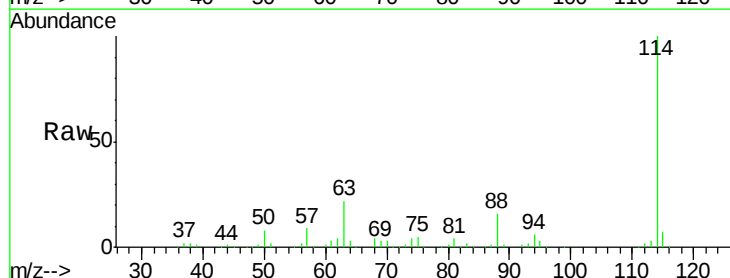
Tgt Ion: 114 Resp: 260662

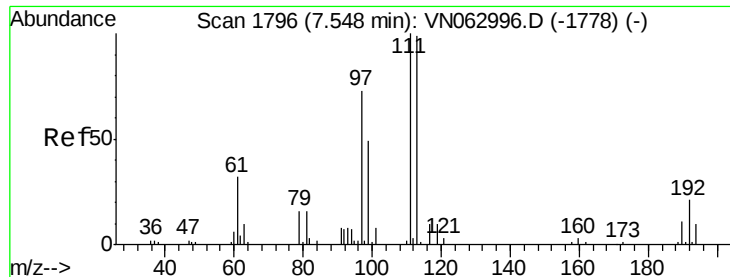
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

88 15.9 0.0 30.6





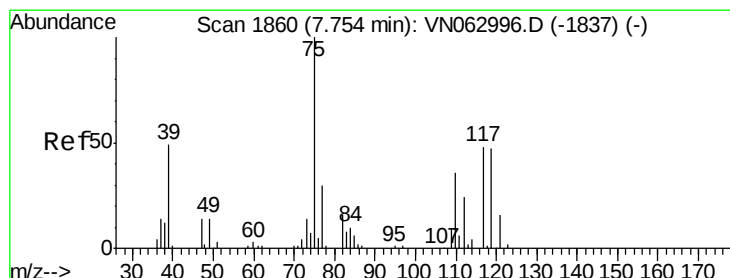
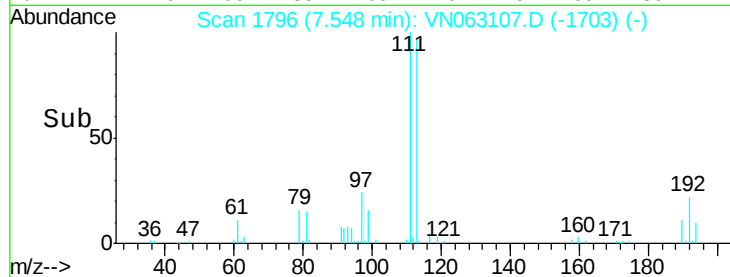
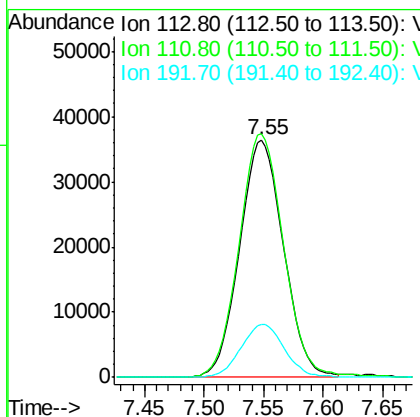
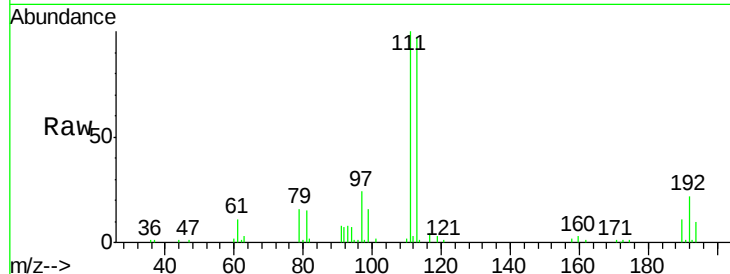
#35
 Dibromofluoromethane
 Concen: 54.761 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.7	122.5
192	22.1	17.5	26.3

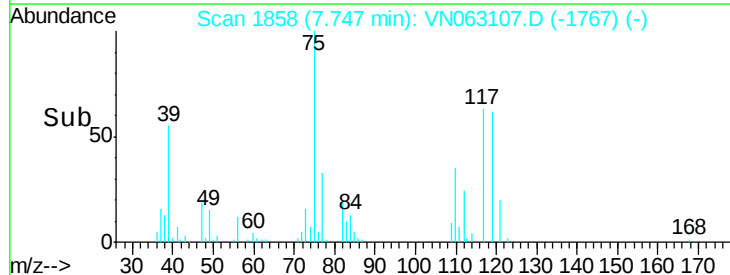
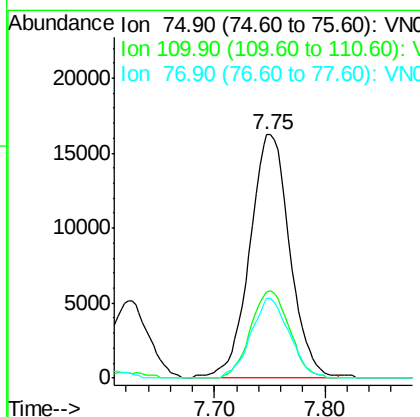
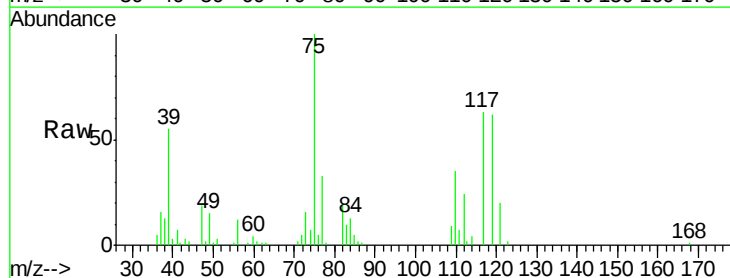
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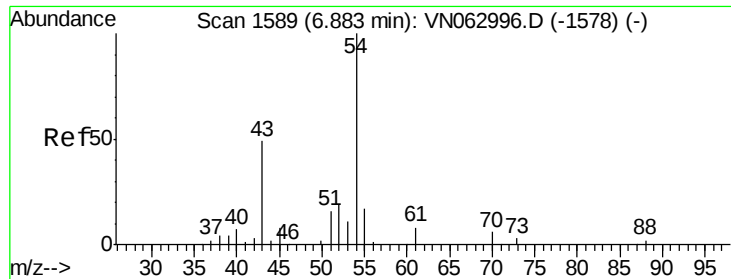
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 8/26/2020 11:26:39 AM



#36
 1,1-Dichloropropene
 Concen: 17.792 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.5	52.6
77	31.4	24.2	36.4





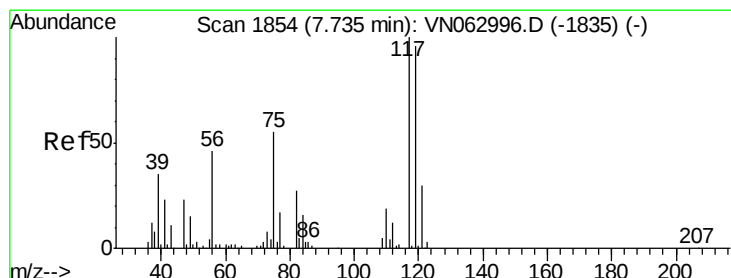
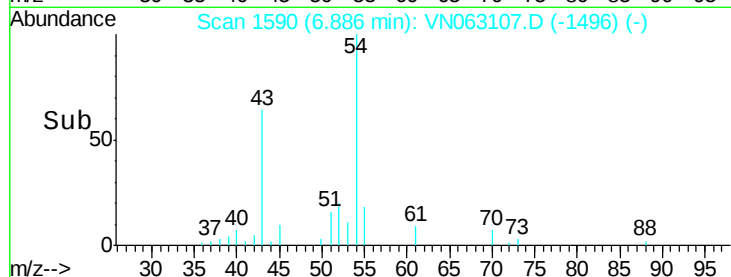
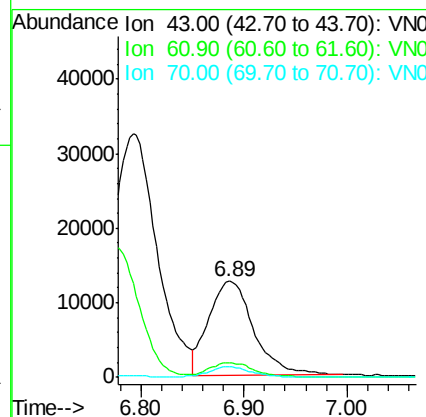
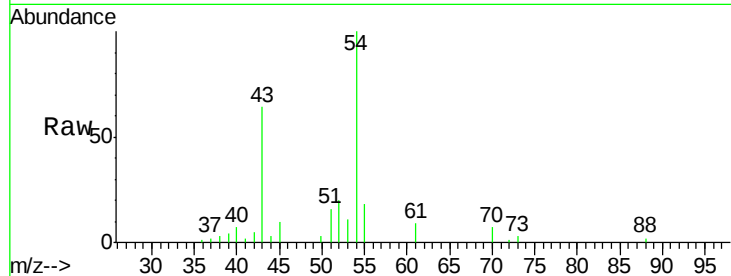
#37
Ethyl Acetate
Concen: 18.008 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.8	17.8
70	10.5	8.2	12.2

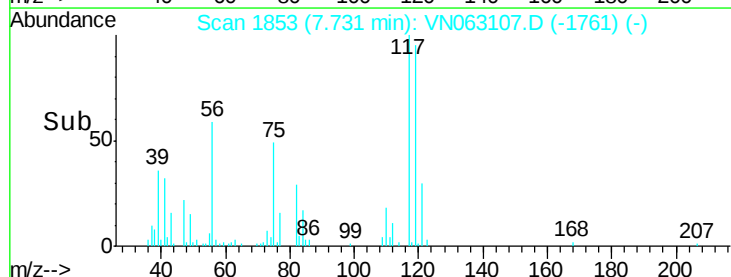
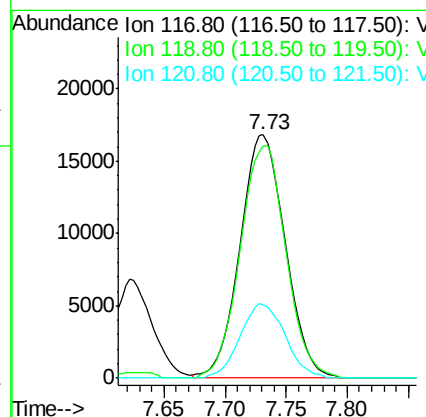
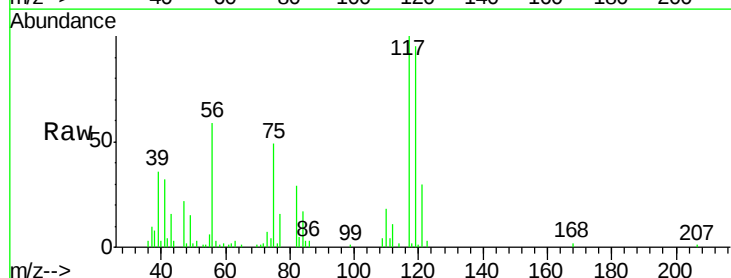
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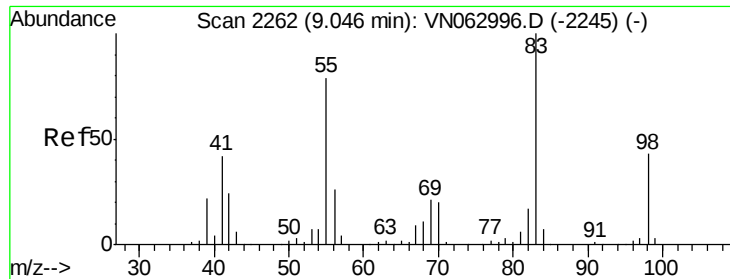
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#38
Carbon Tetrachloride
Concen: 18.633 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.2	114.4
121	30.3	24.2	36.2





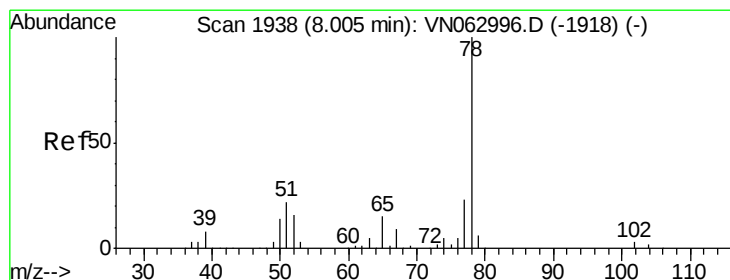
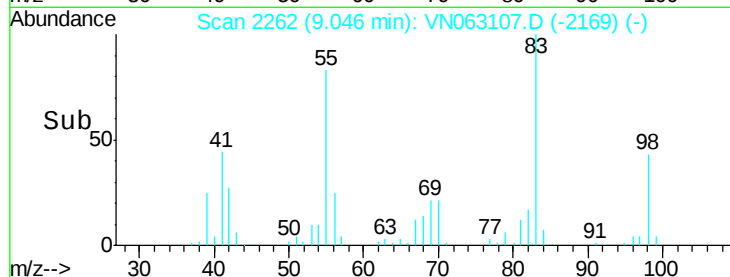
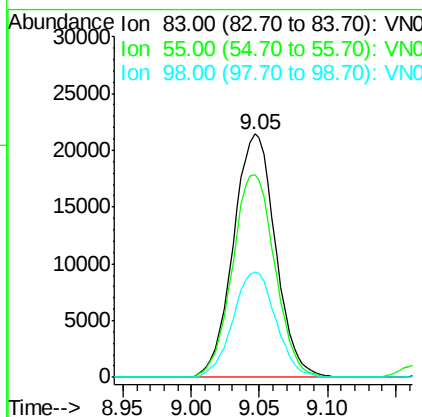
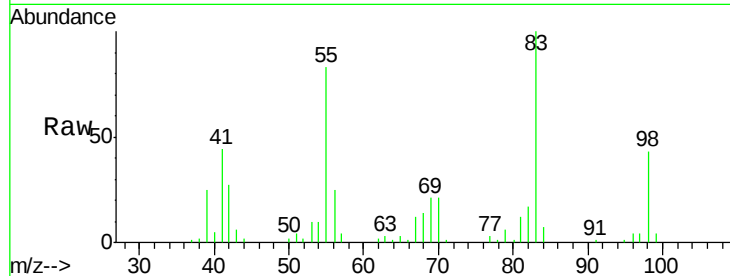
#39
Methvlcvclohexane
Concen: 15.935 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.4	63.3	94.9
98	43.2	34.2	51.4

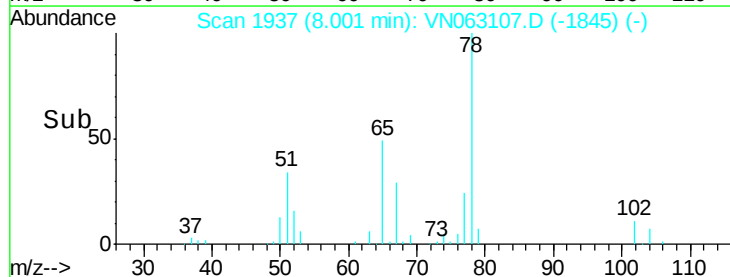
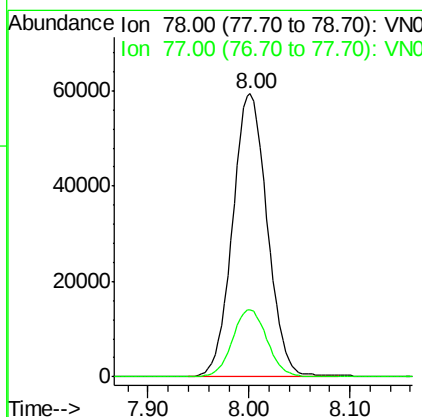
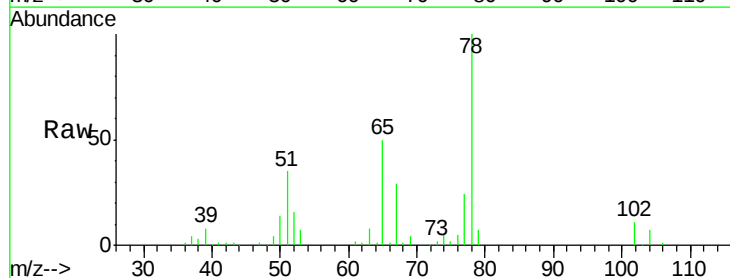
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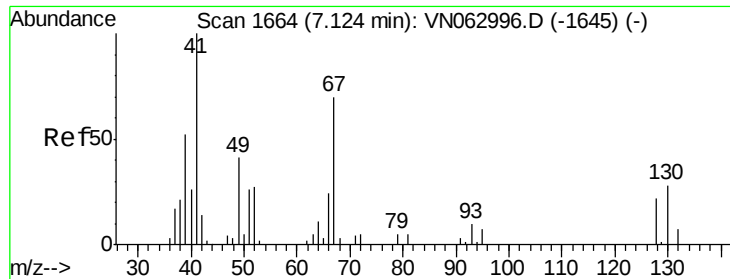
MMDadoda
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#40
Benzene
Concen: 19.438 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2





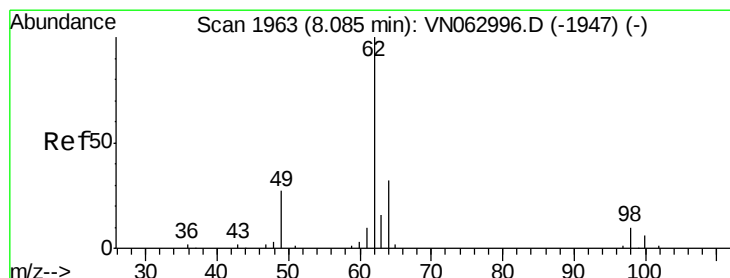
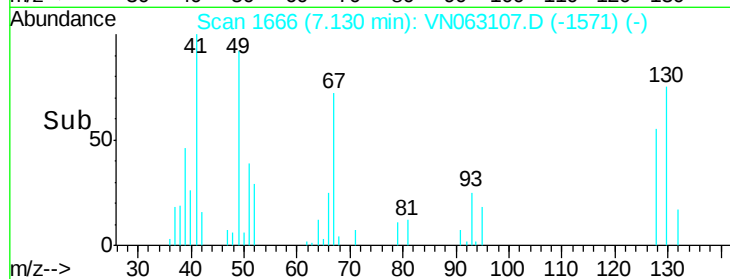
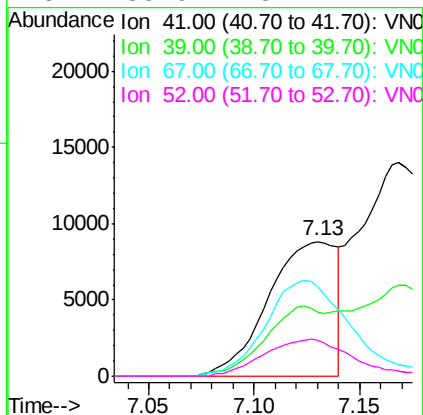
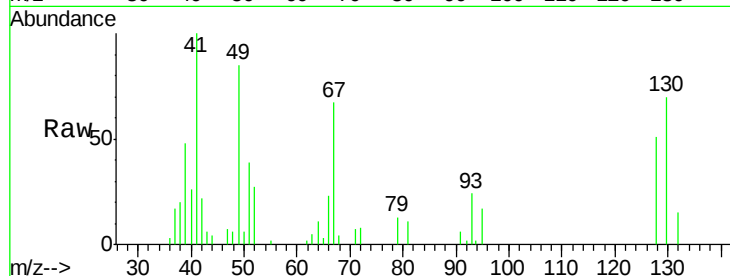
#41
Methacrylonitrile
Concen: 19.382 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	41	Resp	19876
Ion	Ratio	Lower	Upper
41	100		
39	43.8	41.6	62.4
67	88.6	71.8	107.8
52	35.9	28.2	42.4

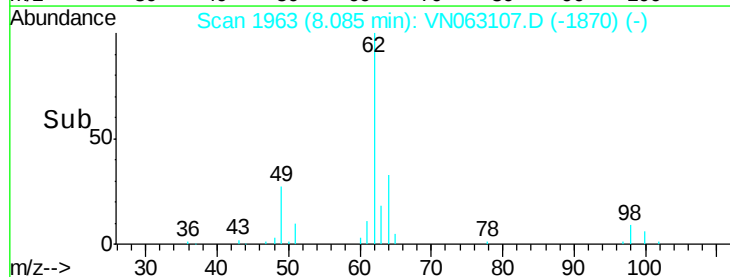
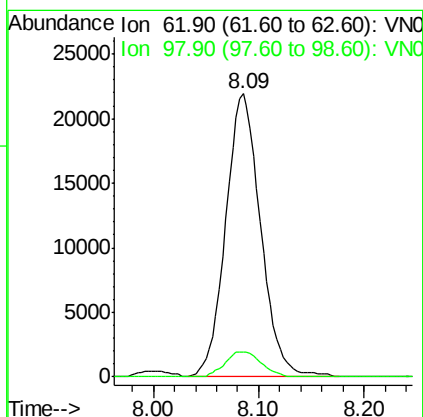
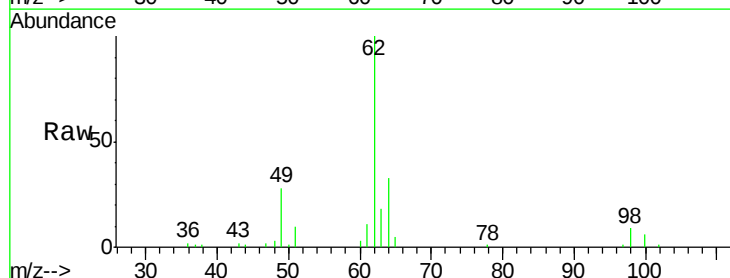
Manual Integrations
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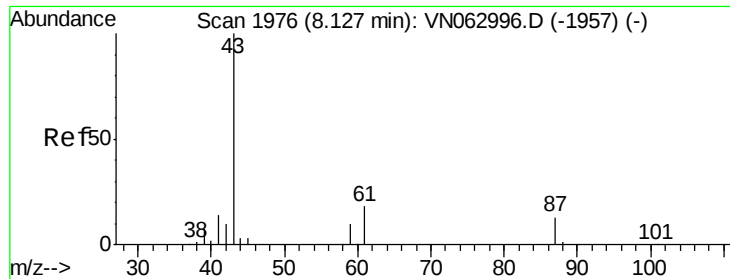
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#42
1,2-Dichloroethane
Concen: 20.581 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	62	Resp	50348
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





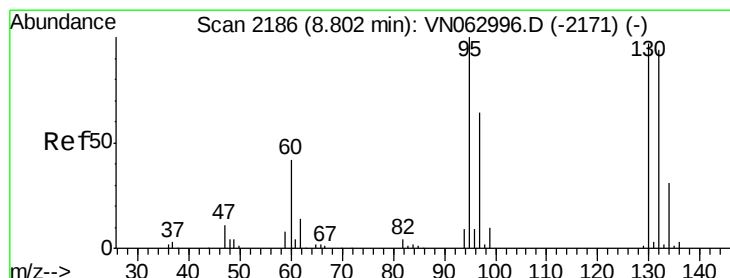
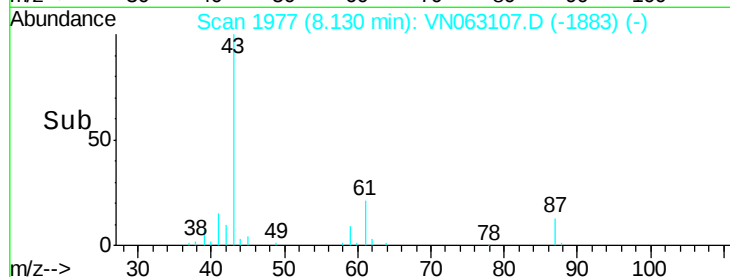
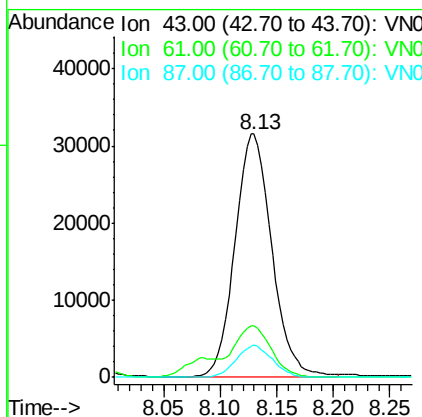
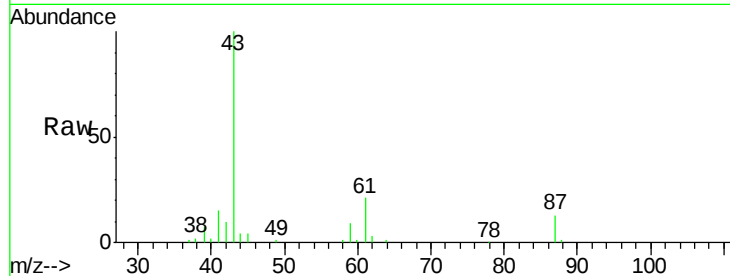
#43
Isopropyl Acetate
Concen: 20.153 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	22.6	33.8#
87	12.8	10.5	15.7

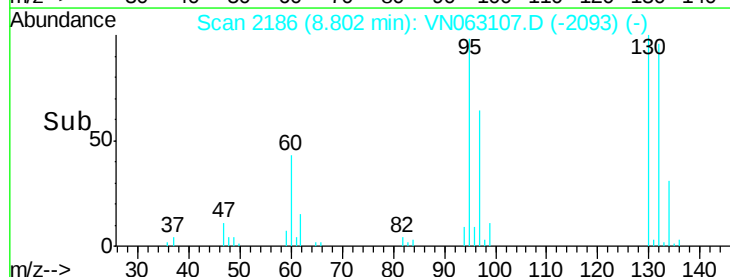
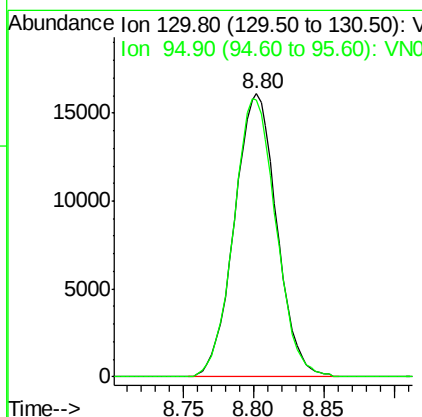
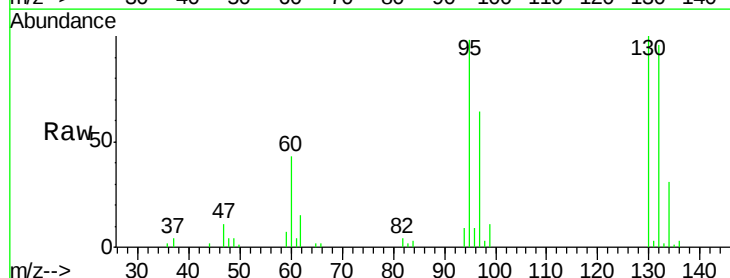
Manual Integrations
APPROVED

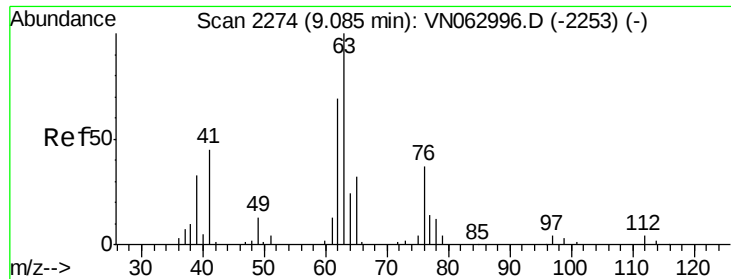
MMDadoda
8/26/2020 11:26:39 AM



#44
Trichloroethene
Concen: 18.645 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	205.6





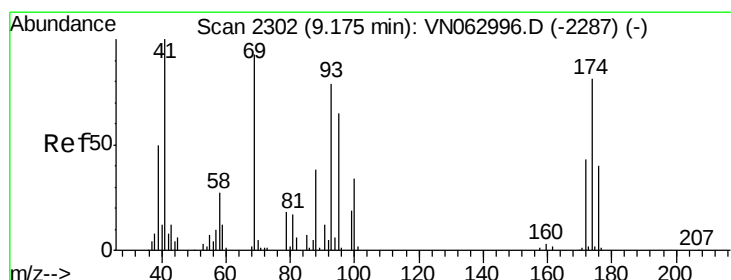
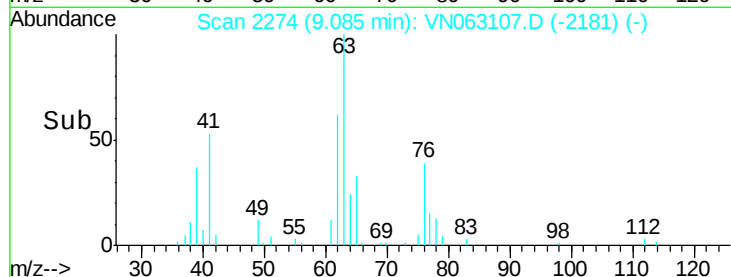
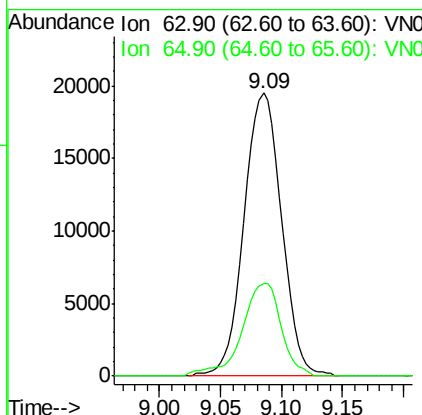
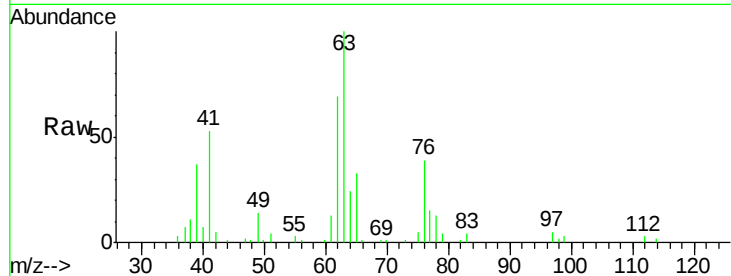
#45
 1,2-Dichloropropane
 Concen: 19.721 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion: 63 Resp: 41532
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.6 38.4

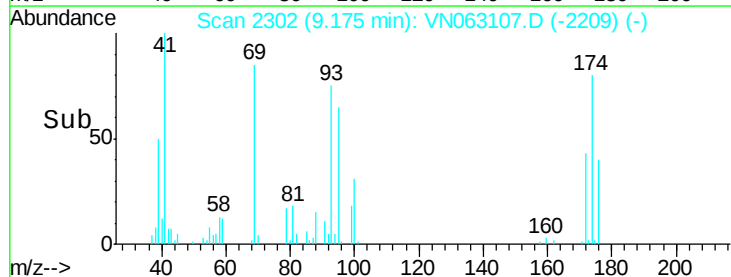
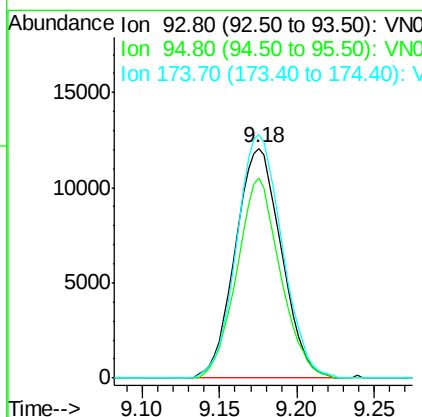
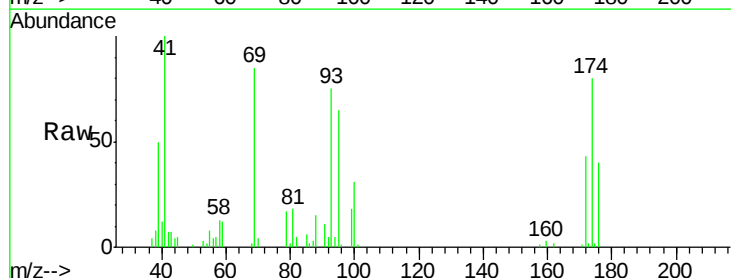
Manual Integrations
 APPROVED

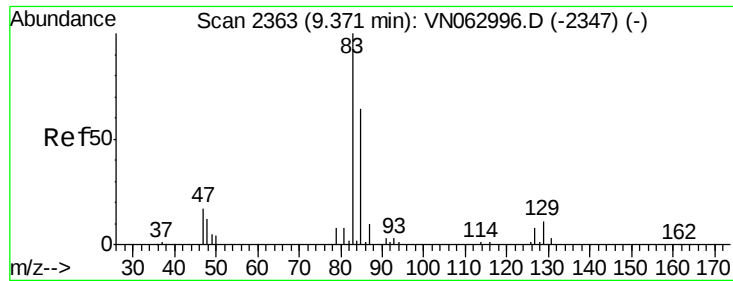
MMDadoda
 8/26/2020 11:26:39 AM



#46
 Dibromomethane
 Concen: 20.547 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion: 93 Resp: 24997
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.4
 174 104.6 84.6 127.0





#47

Bromodichloromethane

Concen: 20.008 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

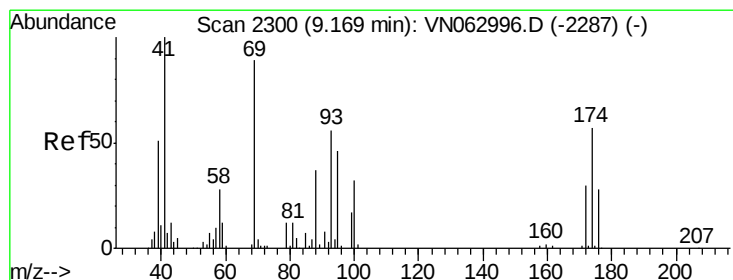
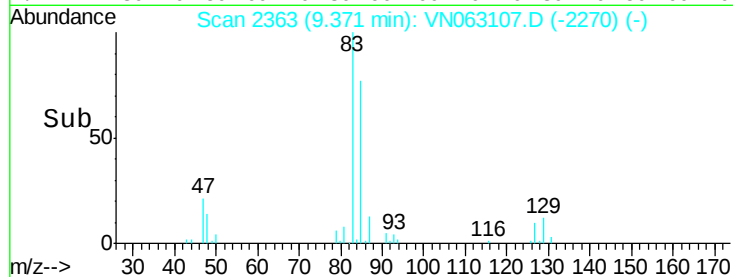
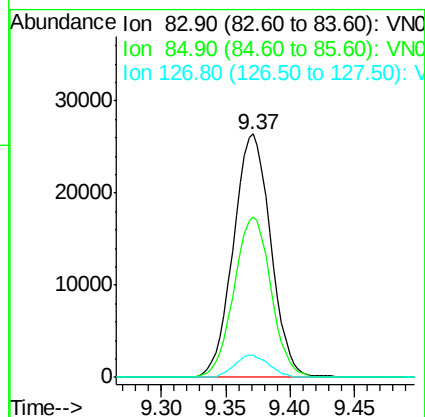
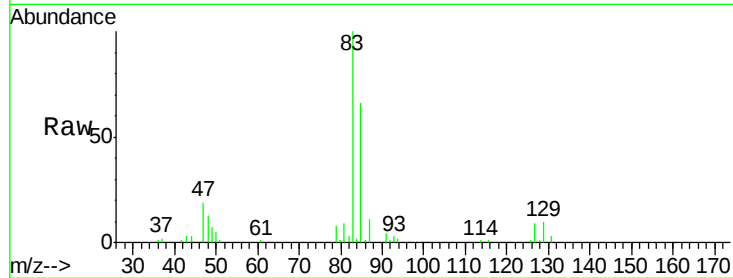
ClientSampleId :

VN0825WBS01

Tot Ion:	83	Resp:	53314
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.1	76.7
127	8.9	6.6	9.8

Manual Integrations
APPROVED

MMDadoda
8/26/2020 11:26:39 AM



#48

Methyl methacrylate

Concen: 19.809 ug/l

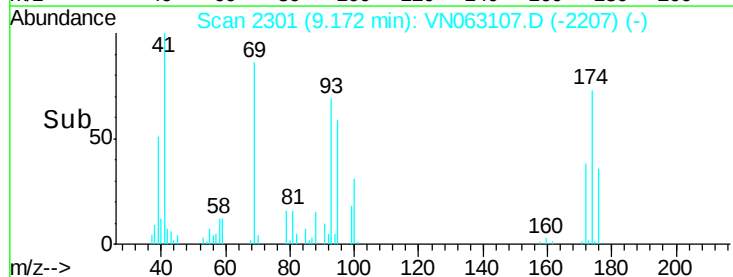
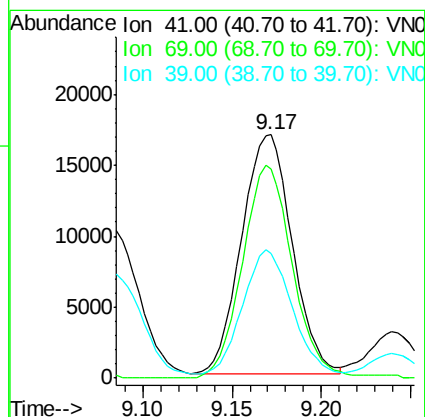
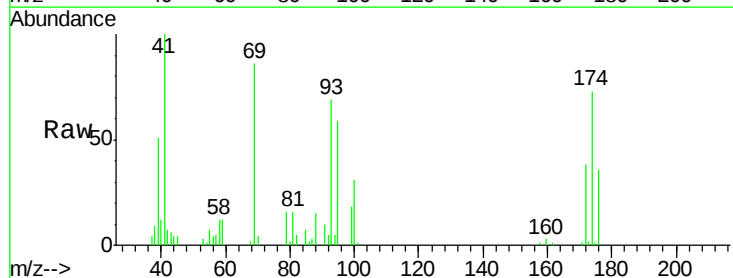
RT: 9.17 min Scan# 2301

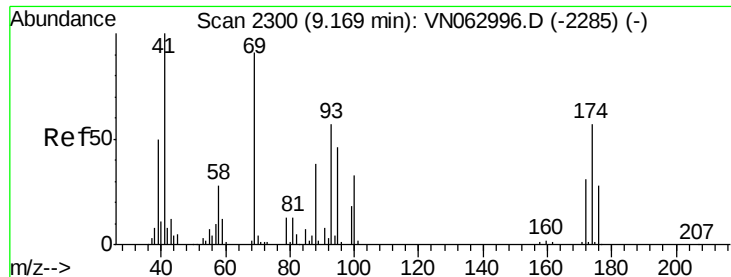
Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion:	41	Resp:	33421
Ion	Ratio	Lower	Upper
41	100		
69	87.7	74.2	111.4
39	54.2	42.5	63.7





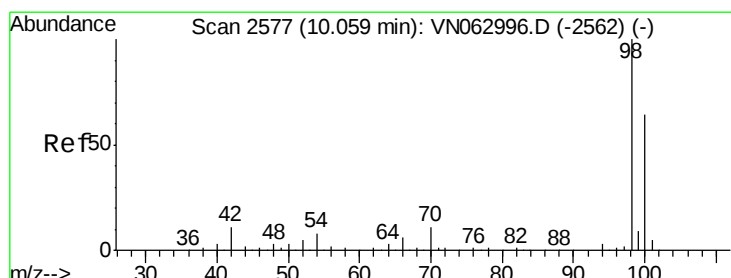
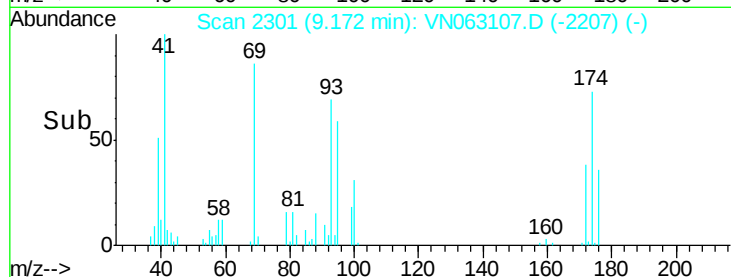
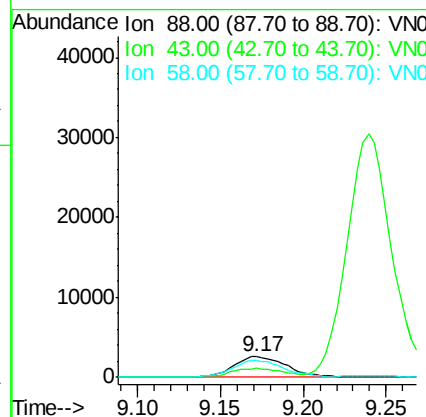
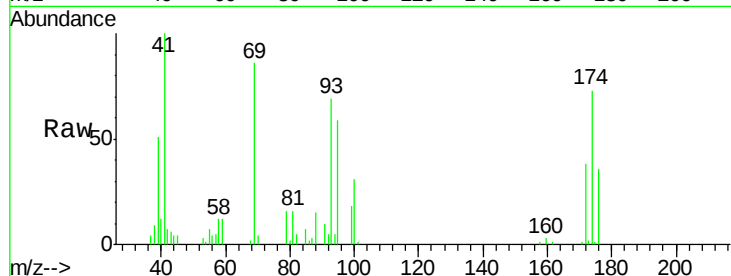
#49
1,4-Dioxane
Concen: 169.230 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	88	Resp	5804
Ion	Ratio	Lower	Upper
88	100		
43	44.2	25.2	37.8#
58	79.4	56.7	85.1

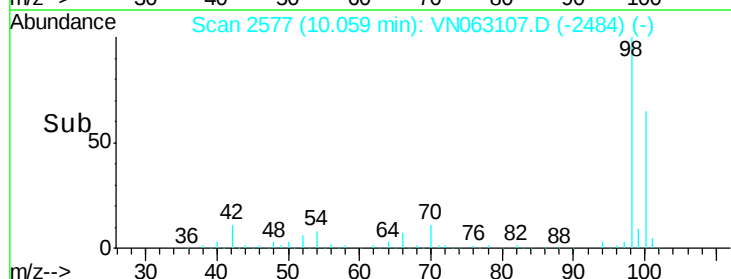
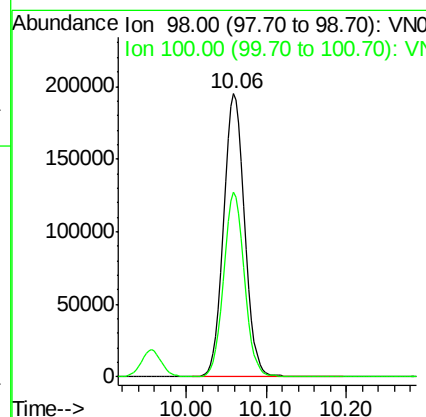
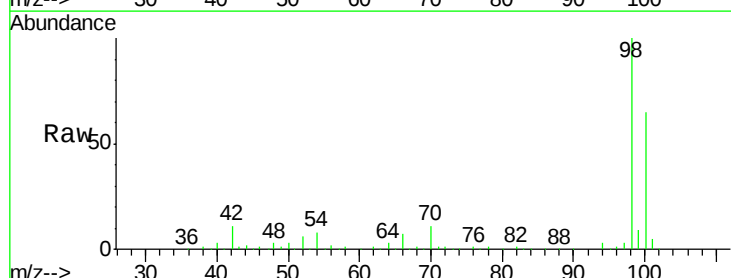
Manual Integrations
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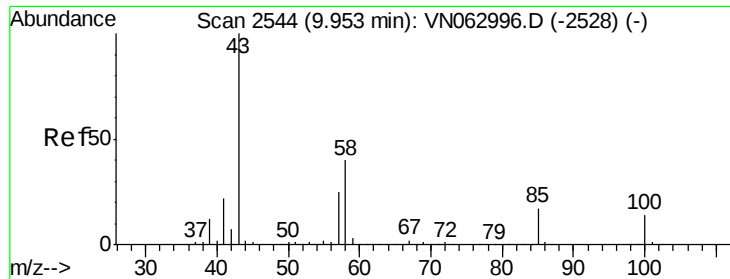
MMDadoda
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#50
Toluene-d8
Concen: 54.829 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	98	Resp	357700
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 107.085 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

Tot Ion: 43 Resp: 241363

Ion Ratio Lower Upper

43 100

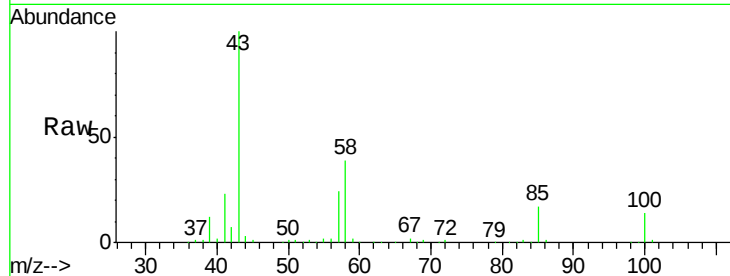
58 39.1 32.2 48.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

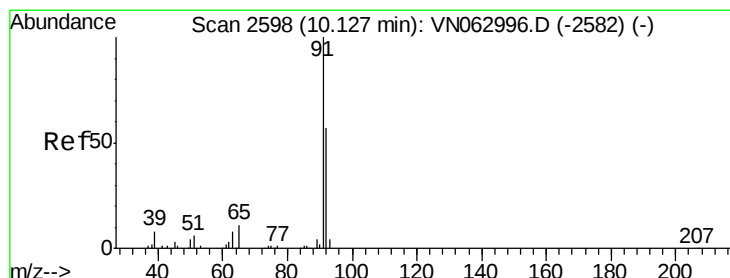
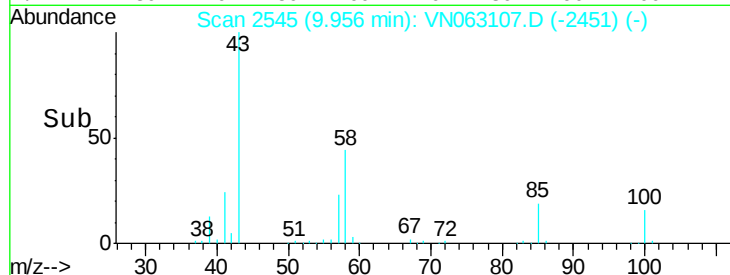
100000

50000

0

9.90 9.96 10.00

Time-->



#52

Toluene

Concen: 20.027 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063107.D

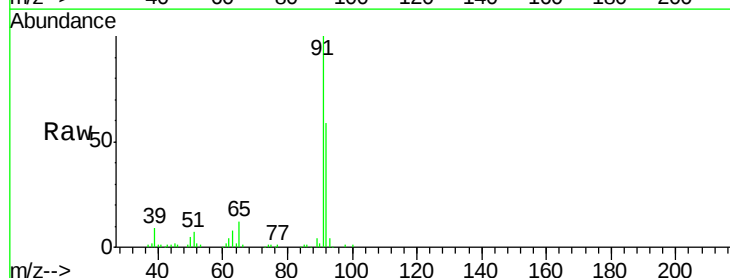
Acq: 25 Aug 2020 12:04

Tgt Ion: 92 Resp: 88019

Ion Ratio Lower Upper

92 100

91 174.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

80000

60000

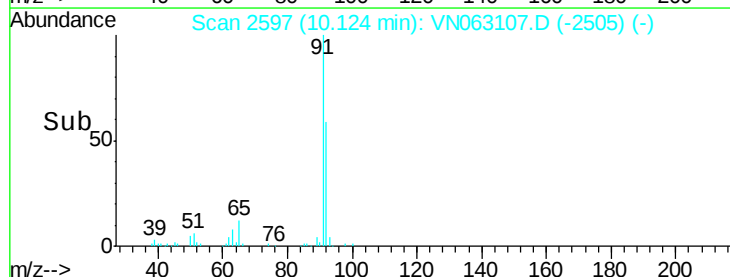
40000

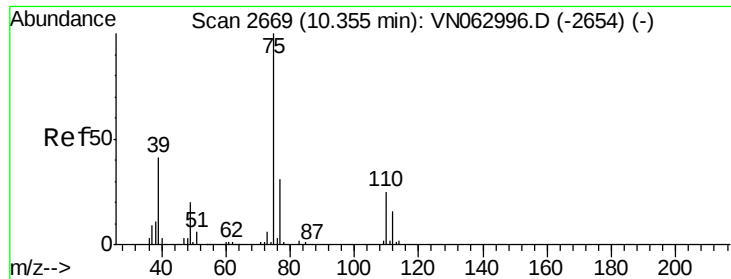
20000

0

10.10 10.12 10.20

Time-->





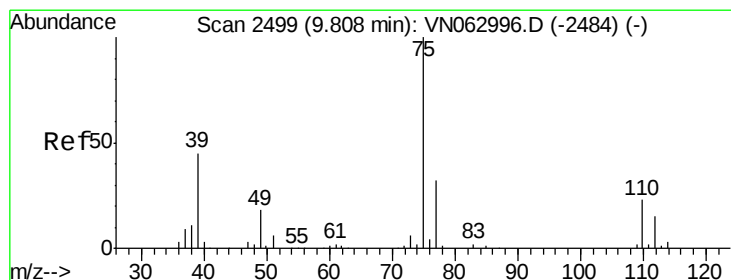
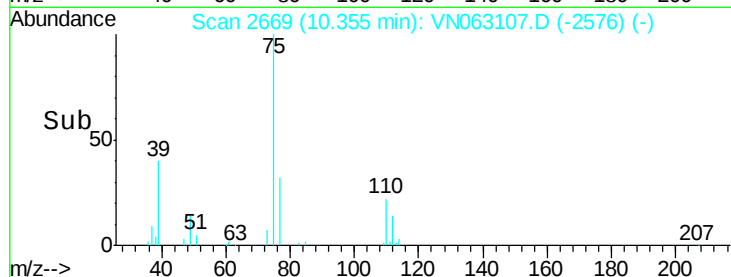
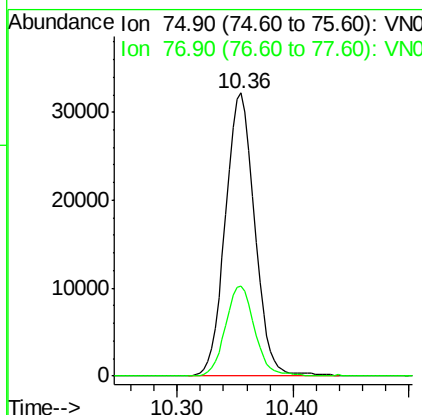
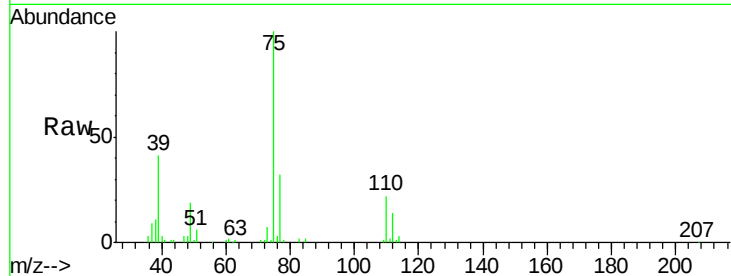
#53
t-1,3-Dichloropropene
Concen: 20.414 ug/l
RT: 10.36 min Scan# 2669
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion: 75 Resp: 56252
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0

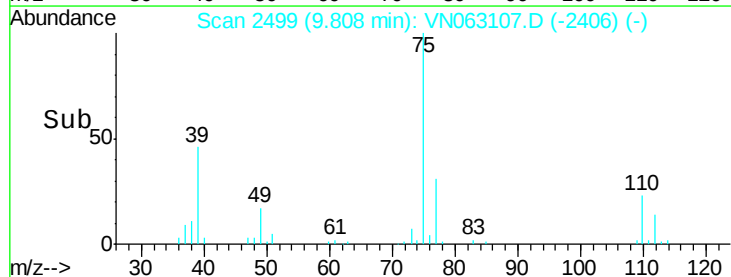
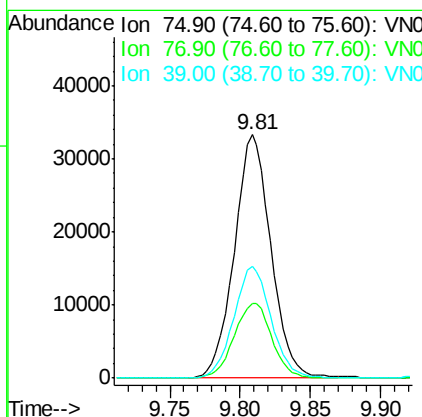
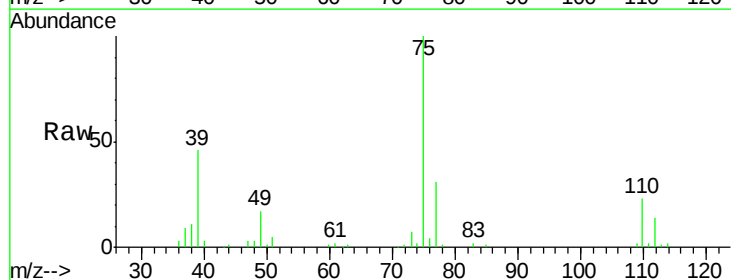
Manual Integrations
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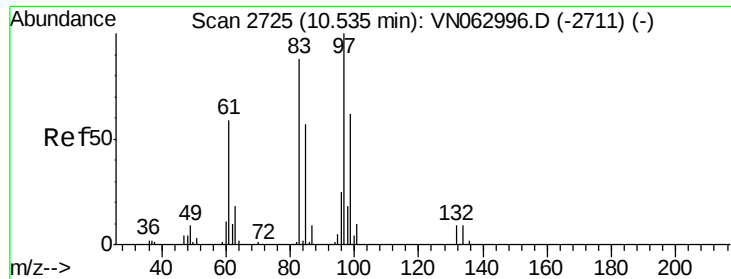
MMDadoda
8/26/2020 11:26:39 AM



#54
cis-1,3-Dichloropropene
Concen: 20.041 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 75 Resp: 60580
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2
39 45.9 35.7 53.5





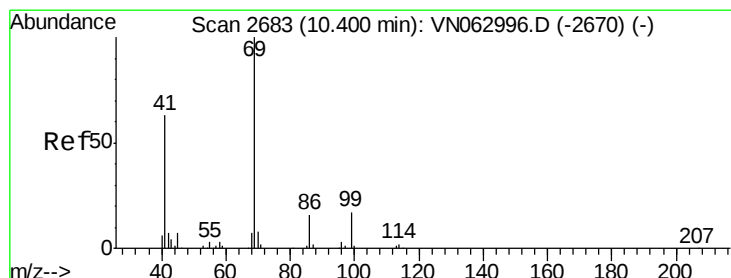
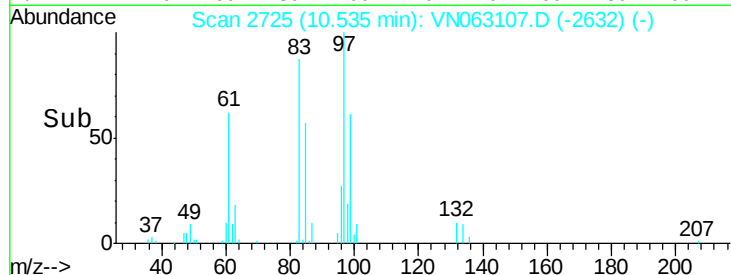
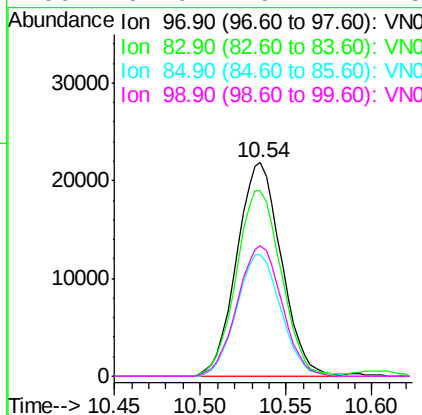
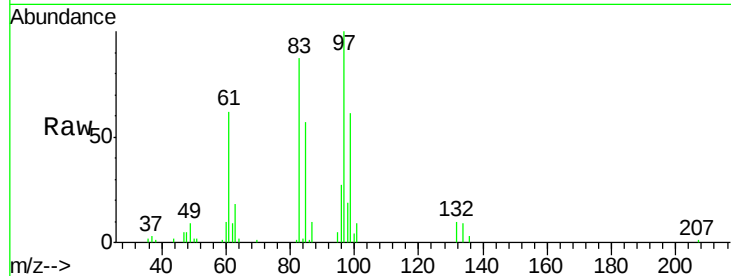
#55
 1,1,2-Trichloroethane
 Concen: 20.932 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion	Ratio	Resp	Lower	Upper
97	100	39336		
83	87.0		70.5	105.7
85	57.1		45.8	68.6
99	61.0		49.7	74.5

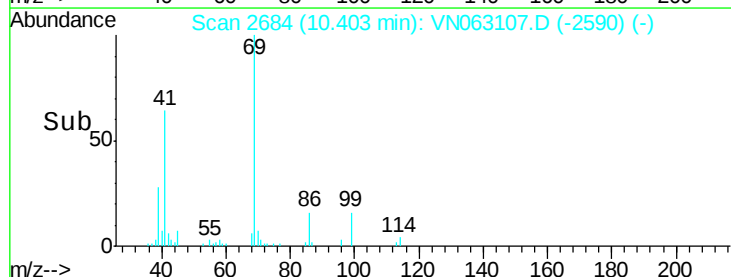
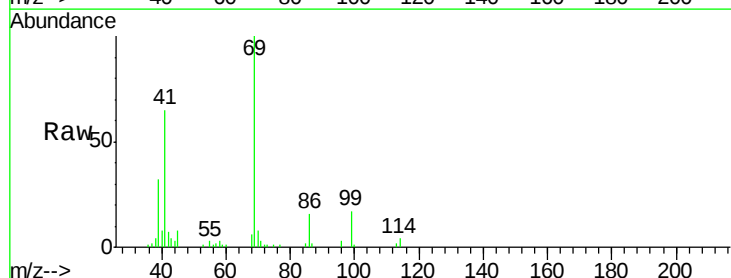
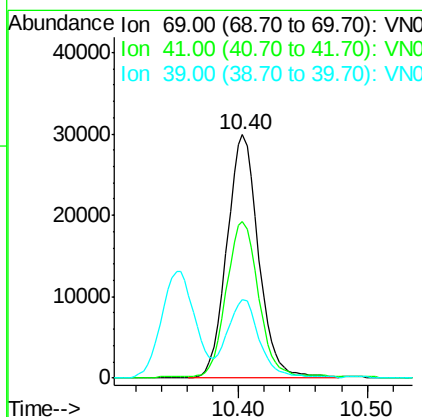
Manual Integrations
 APPROVED

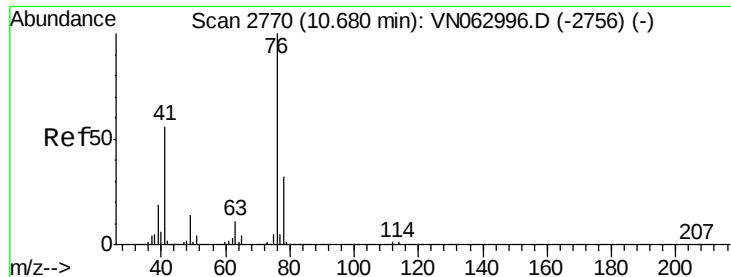
MMDadoda
 8/26/2020 11:26:39 AM



#56
 Ethyl methacrylate
 Concen: 18.680 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	50939		
41	64.8		50.2	75.2
39	33.4		24.2	36.4





#57

1,3-Dichloropropane

Concen: 20.606 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

Tot Ion: 76 Resp: 64300

Ion Ratio Lower Upper

76 100

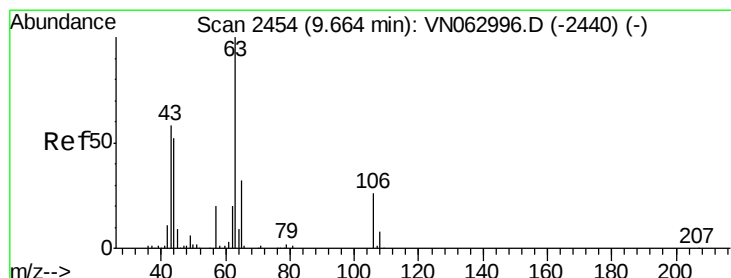
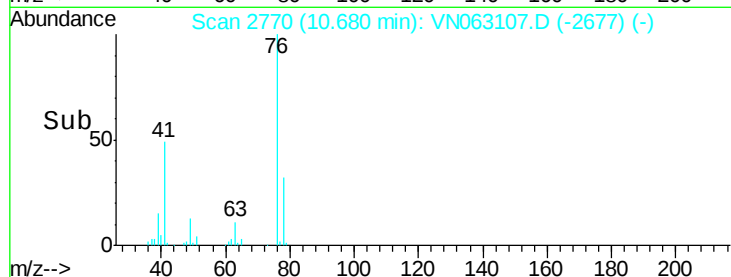
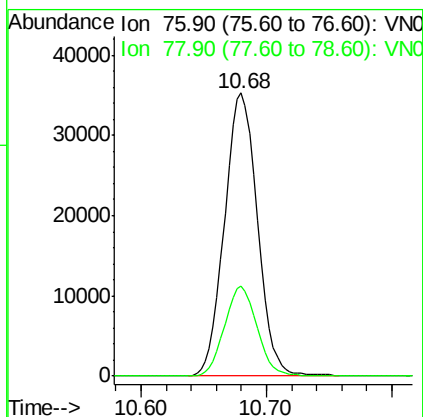
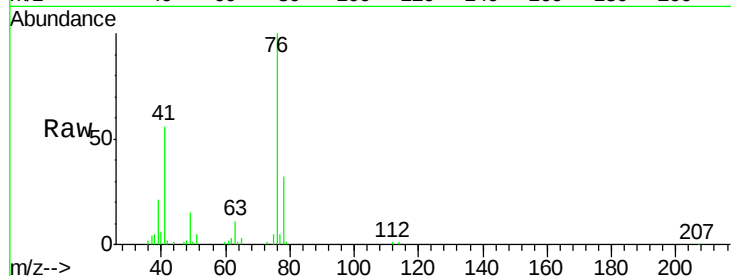
78 31.3 26.1 39.1

Manual Integrations

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MMDadoda

8/26/2020 11:26:39 AM



#58

2-Chloroethyl Vinyl ether

Concen: 93.532 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063107.D

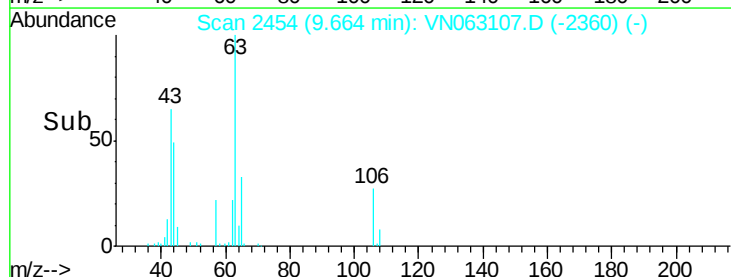
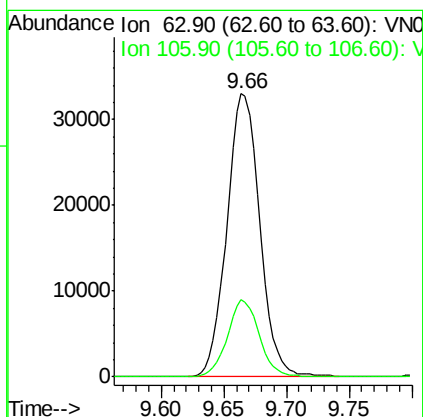
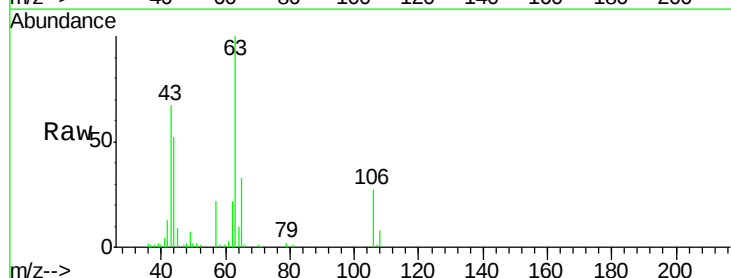
Acq: 25 Aug 2020 12:04

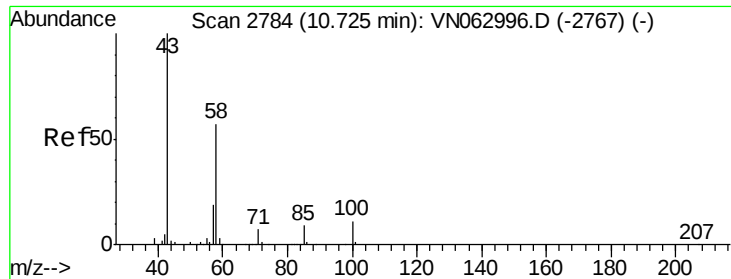
Tgt Ion: 63 Resp: 60334

Ion Ratio Lower Upper

63 100

106 26.2 20.7 31.1





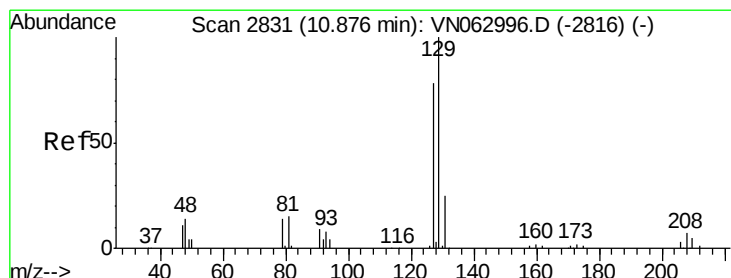
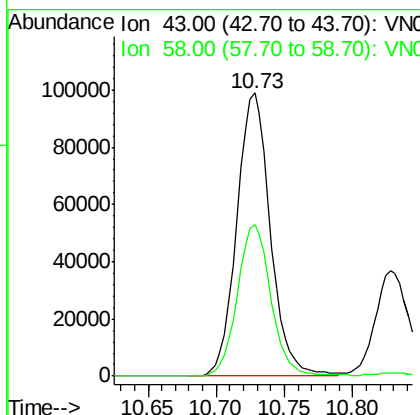
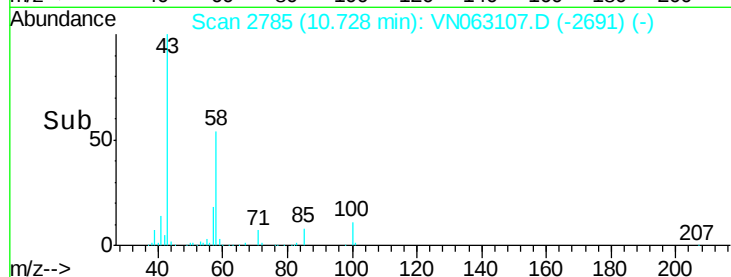
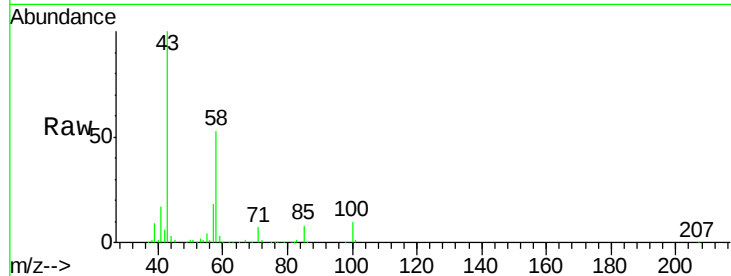
#59
2-Hexanone
Concen: 107.827 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.6	28.1	84.3

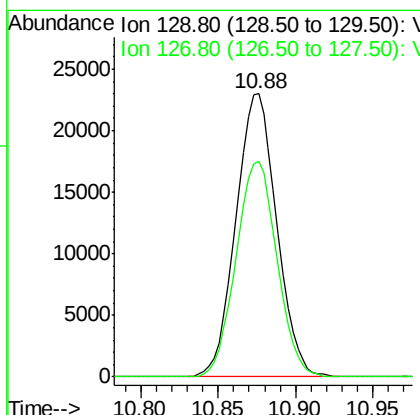
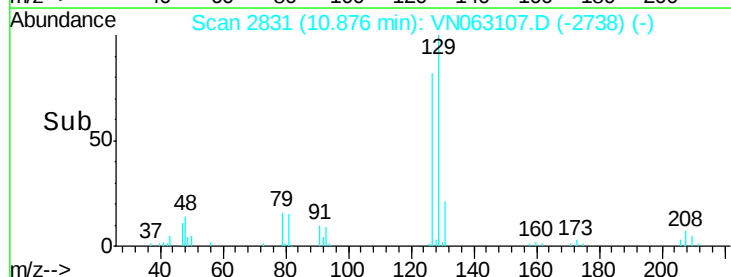
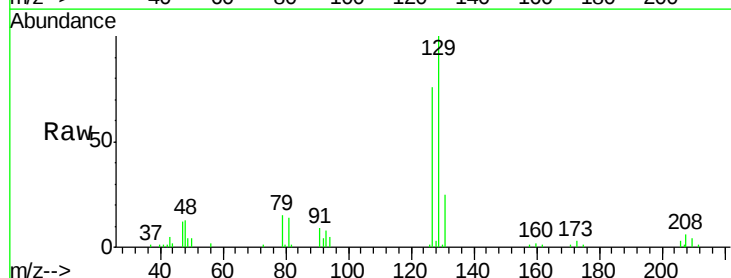
Manual Integrations
APPROVED

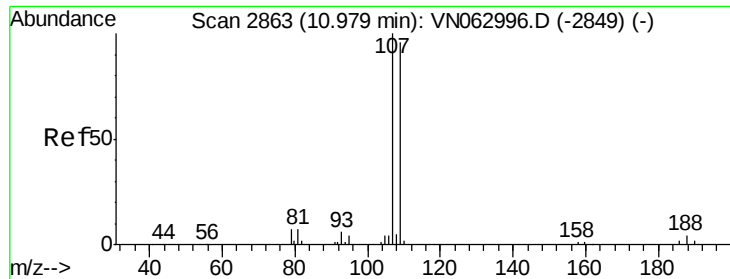
MMDadoda
8/26/2020 11:26:39 AM



#60
Dibromochloromethane
Concen: 20.251 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.4	115.2





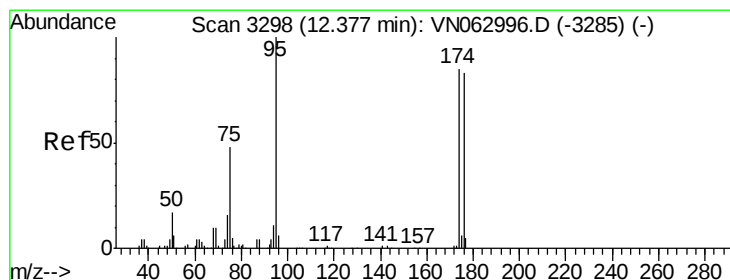
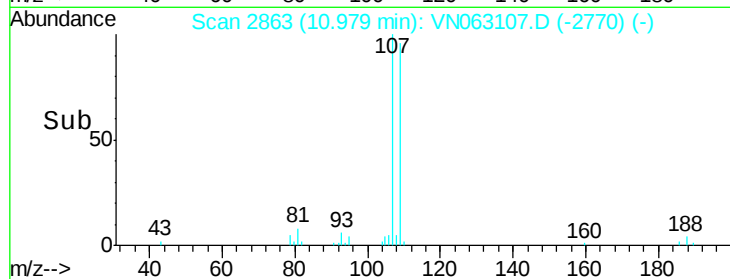
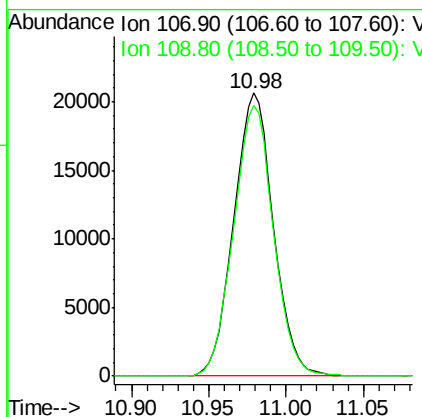
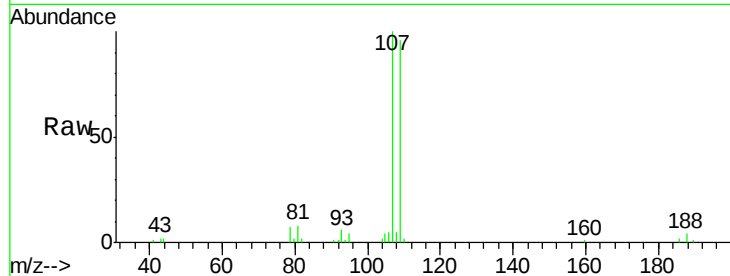
#61
 1,2-Dibromoethane
 Concen: 20.333 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion: 107 Resp: 36715
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.7 113.5

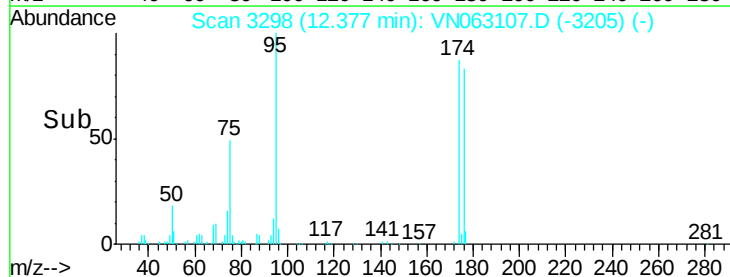
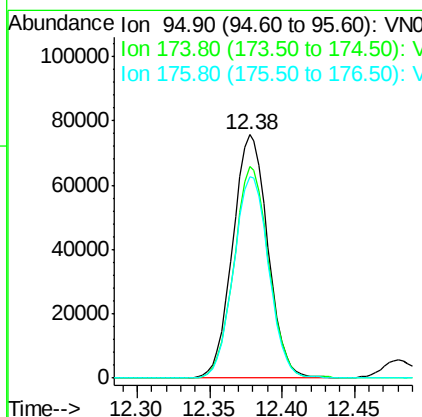
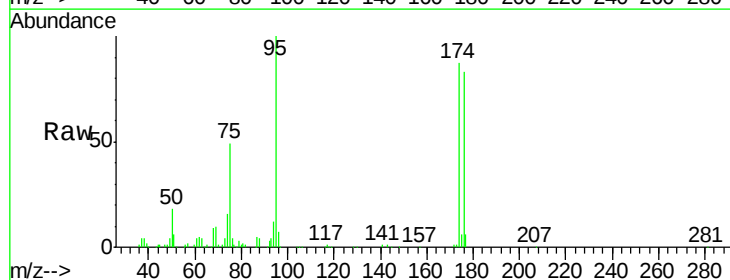
Manual Integrations
 APPROVED

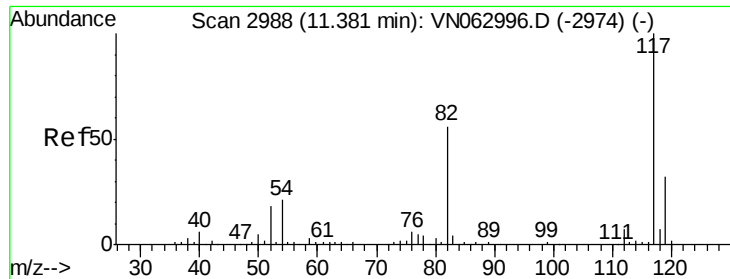
MMDadoda
 8/26/2020 11:26:39 AM



#62
 4-Bromofluorobenzene
 Concen: 55.416 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion: 95 Resp: 127577
 Ion Ratio Lower Upper
 95 100
 174 86.1 0.0 170.8
 176 82.7 0.0 164.8





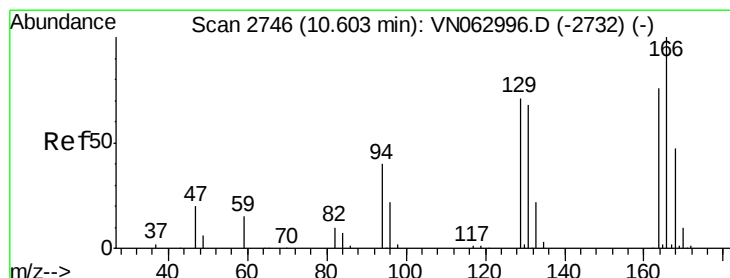
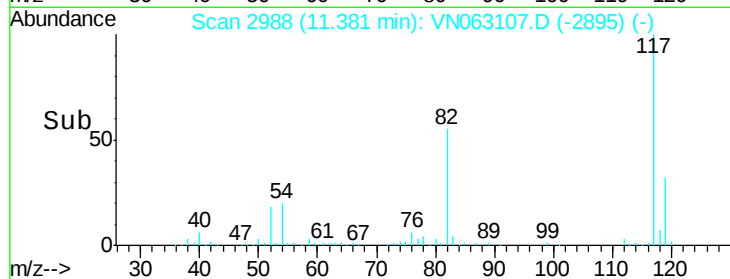
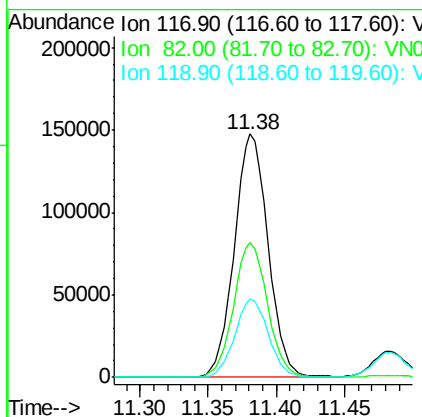
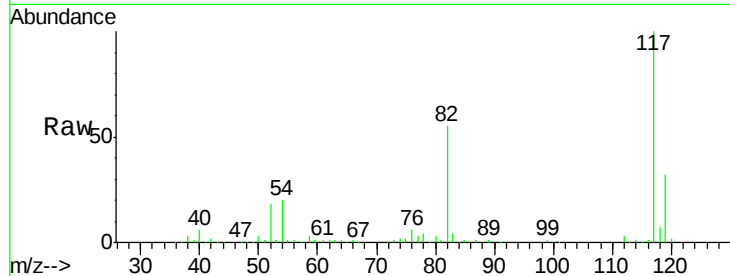
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.5	66.7
119	32.0	25.5	38.3

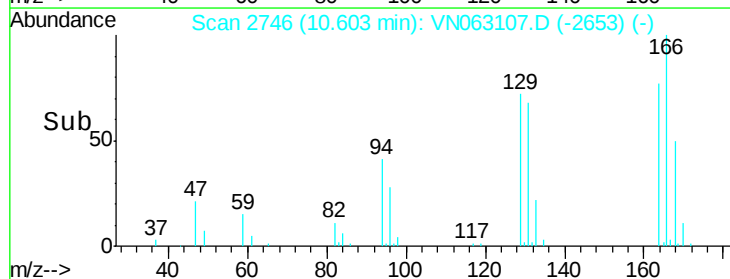
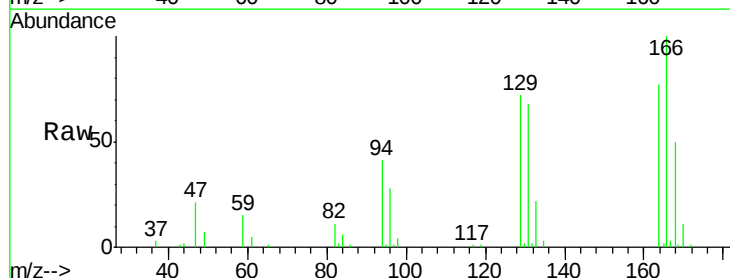
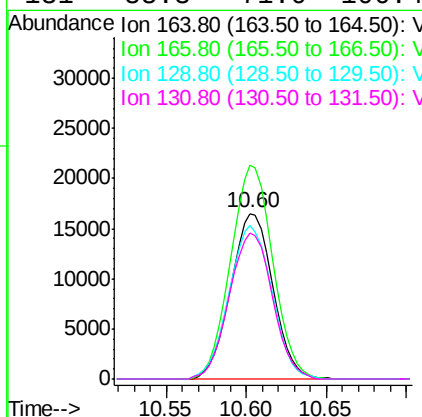
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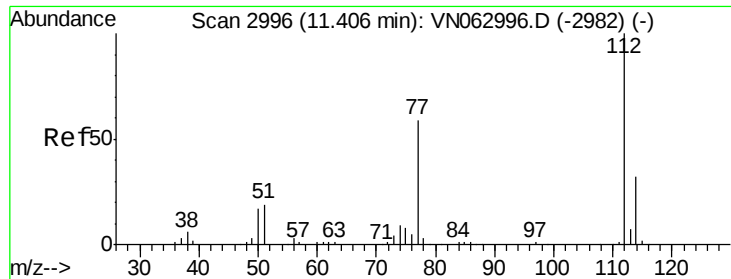
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#64
Tetrachloroethene
Concen: 17.845 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	105.0	157.6
129	92.6	74.7	112.1
131	88.3	71.0	106.4





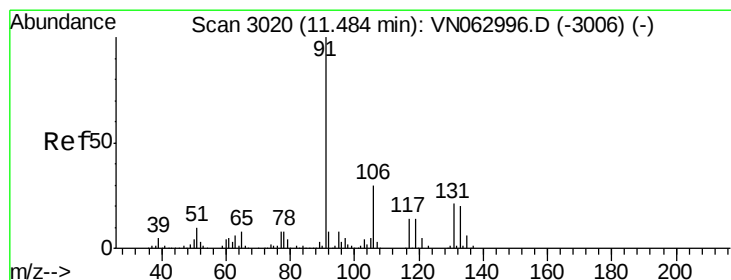
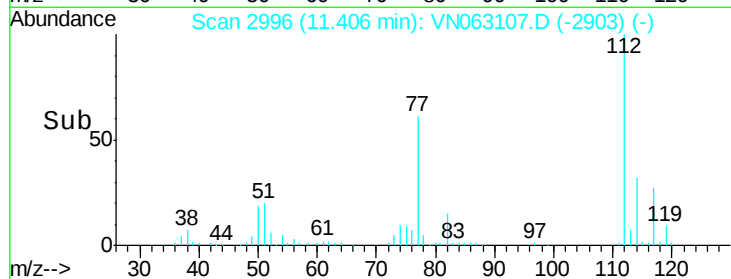
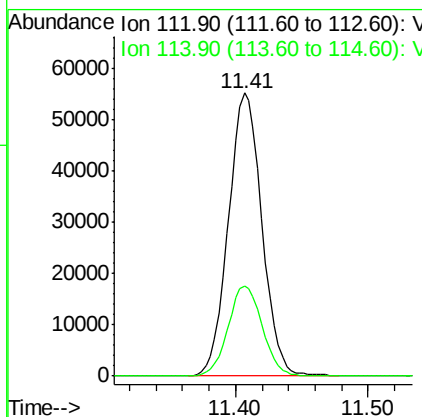
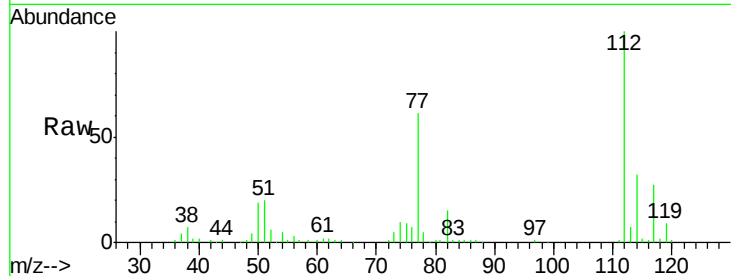
#65
Chlorobenzene
Concen: 19.084 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion:112 Resp: 96966
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

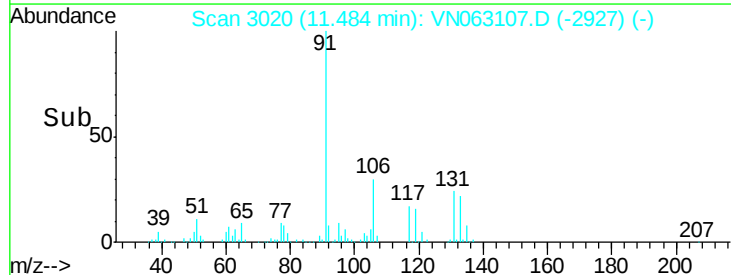
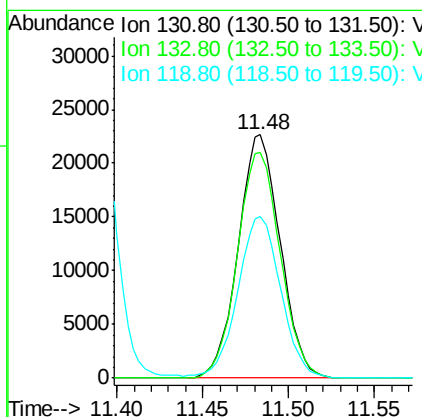
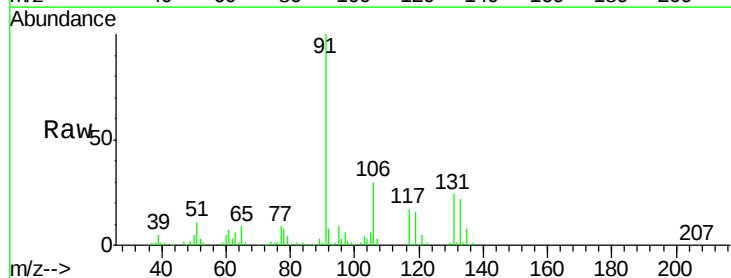
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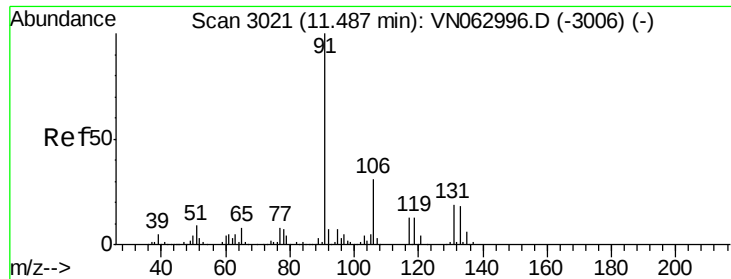
MMDadoda
8/26/2020 11:26:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.472 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion:131 Resp: 38482
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 68.0 33.1 99.3





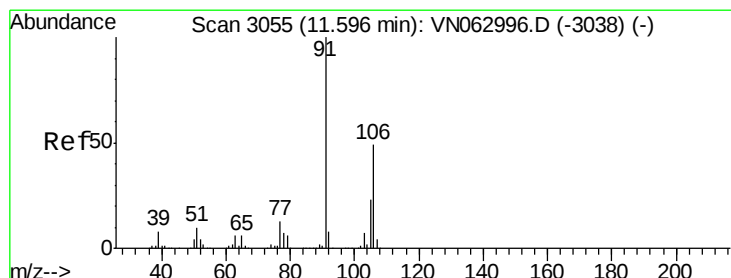
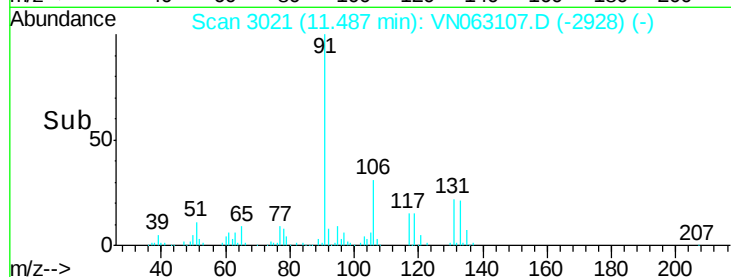
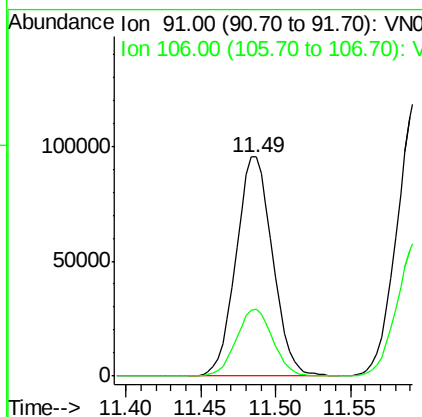
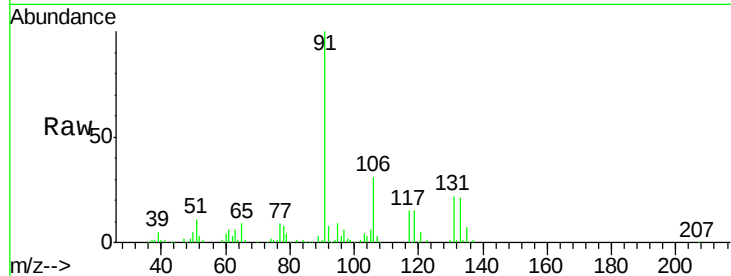
#67
Ethyl Benzene
Concen: 18.875 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampled :
VN0825WBS01

Tot Ion: 91 Resp: 162048
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

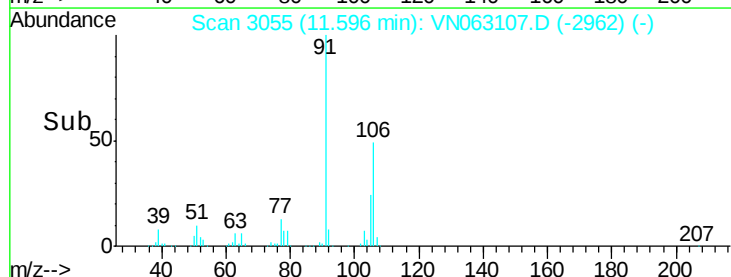
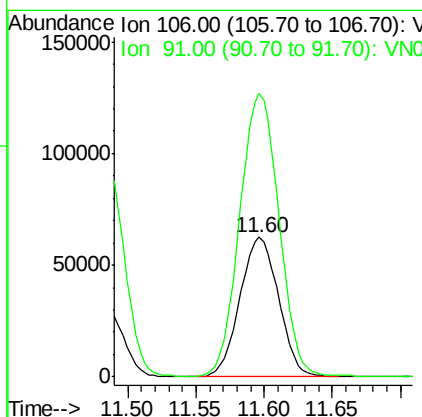
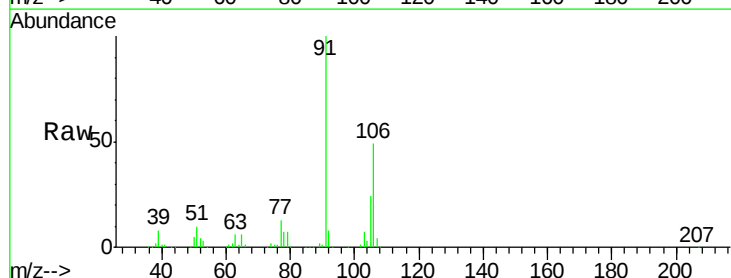
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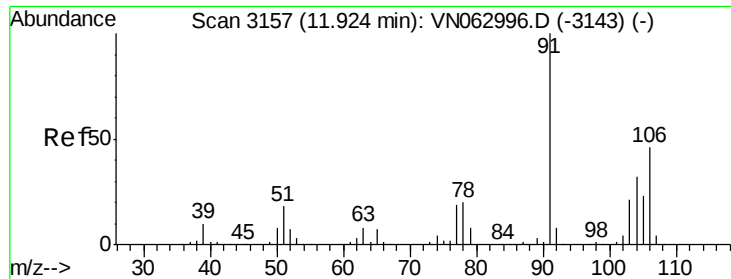
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#68
m/p-Xylenes
Concen: 38.685 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion: 106 Resp: 123439
Ion Ratio Lower Upper
106 100
91 205.1 163.0 244.4





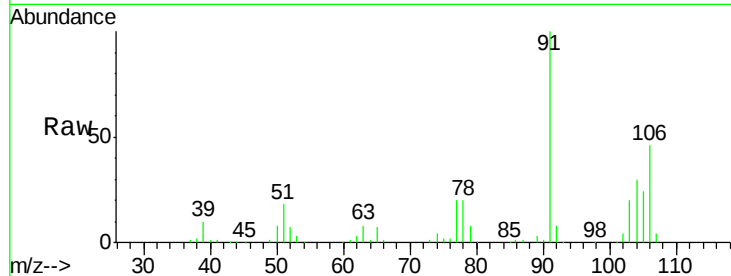
#69
o-Xylene
Concen: 19.244 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

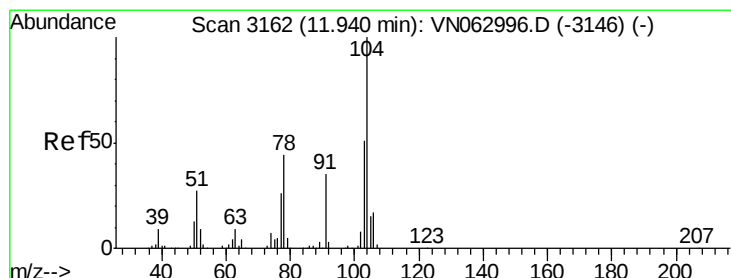
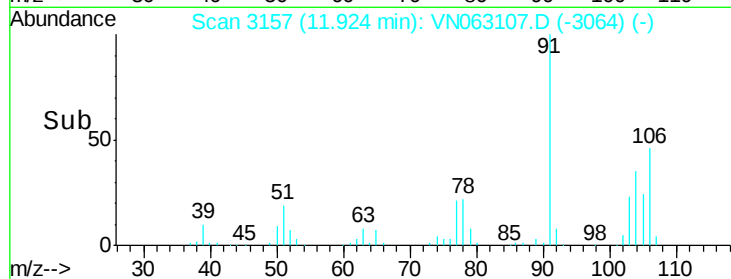
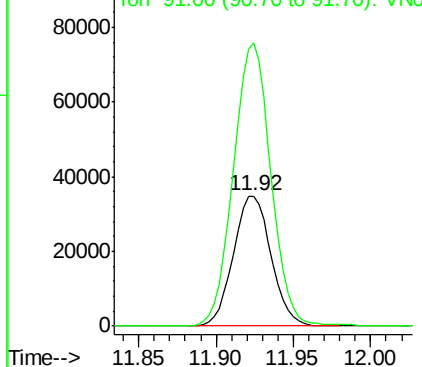
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.8	107.3	321.9		

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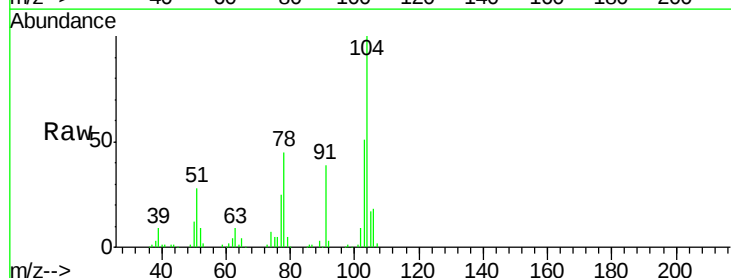


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

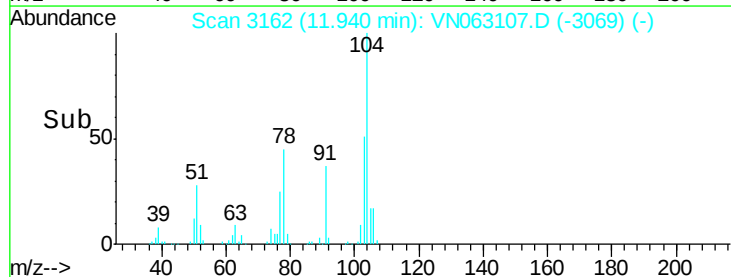
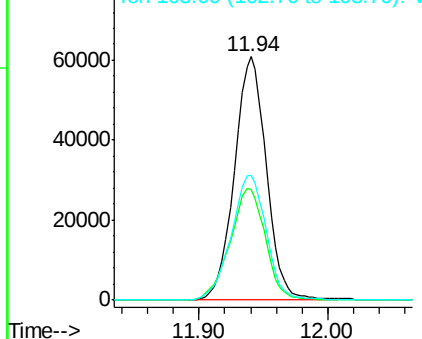


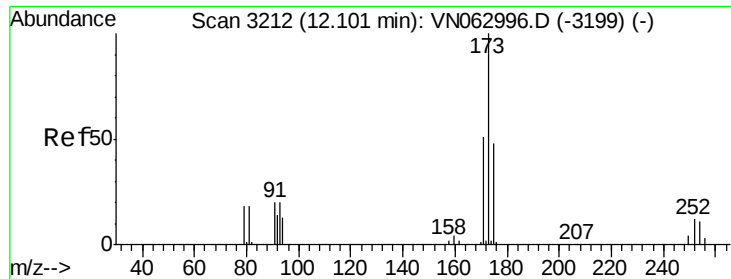
#70
Styrene
Concen: 18.501 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	50.7	39.0	58.6		
103	56.3	44.3	66.5		



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





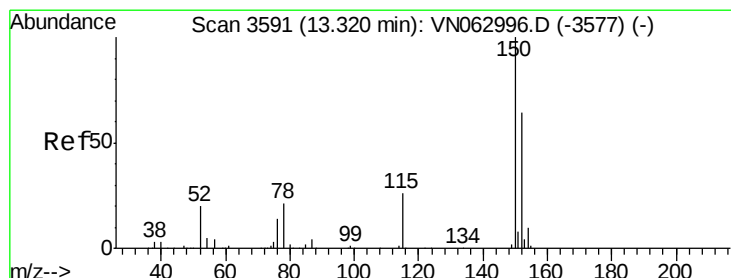
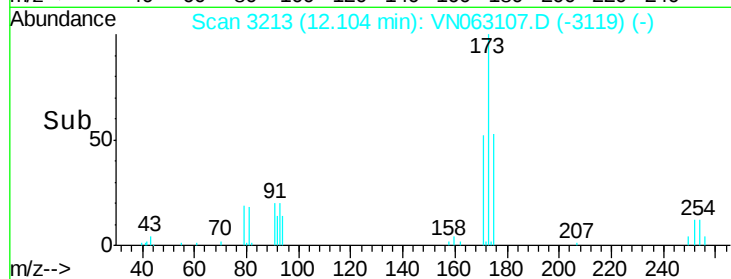
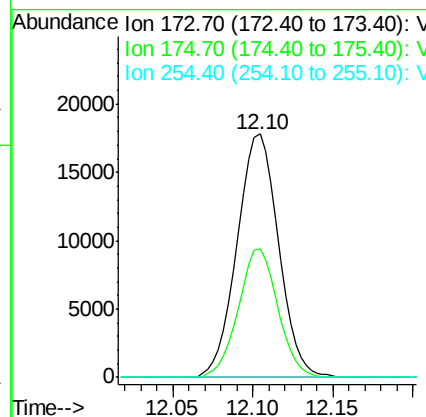
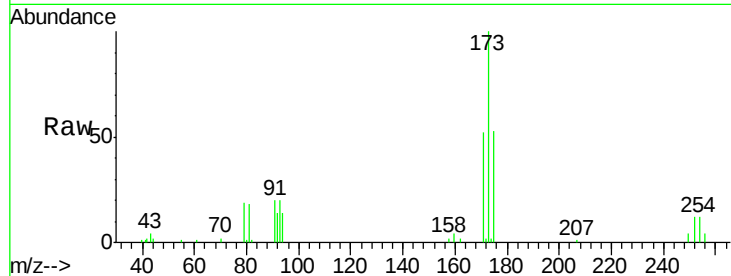
#71
Bromoform
Concen: 19.978 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.3	72.8
254	0.0	0.0	0.0

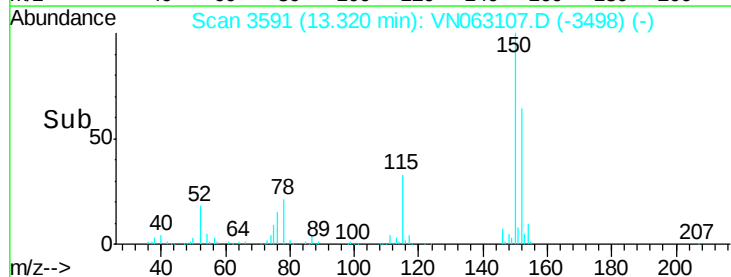
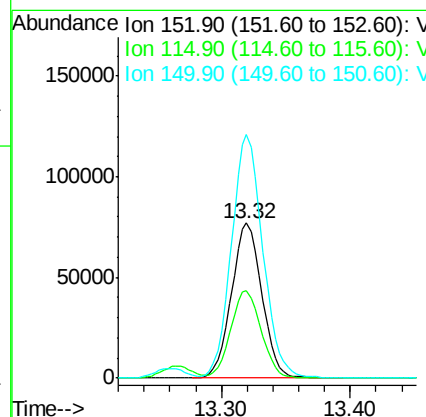
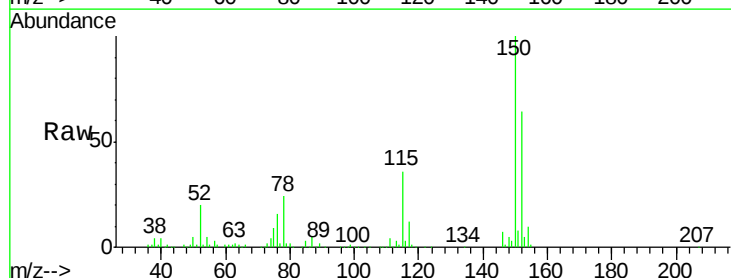
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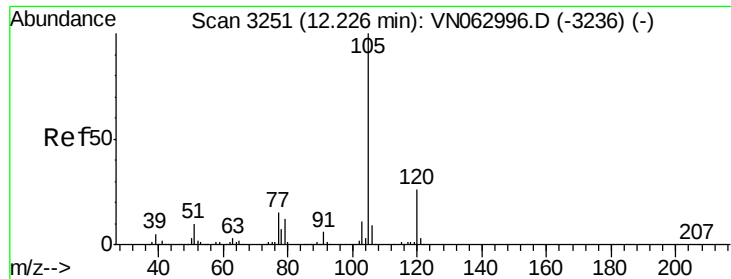
MMDadoda
8/26/2020 11:26:39 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.7	86.3
150	161.1	0.0	348.8





#73

Isopropylbenzene

Concen: 18.290 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VN0825WBS01

Tot Ion: 105 Resp: 157676

Ion Ratio Lower Upper

105 100

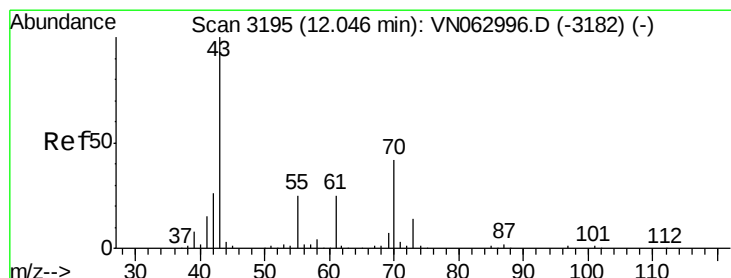
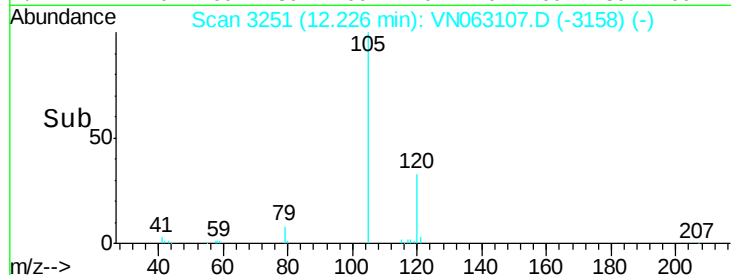
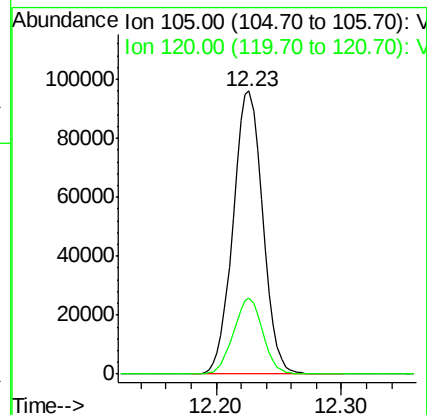
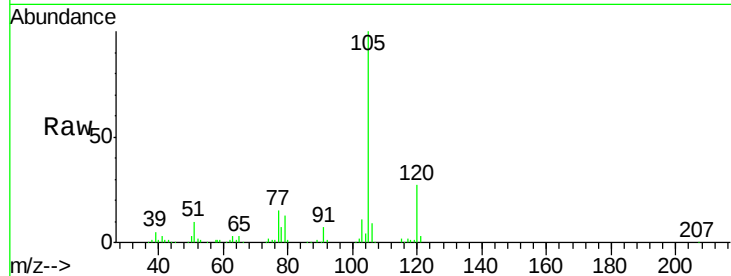
120 26.4 13.2 39.6

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#74

N-ethyl acetate

Concen: 20.075 ug/l

RT: 12.05 min Scan# 3196

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion: 43 Resp: 61984

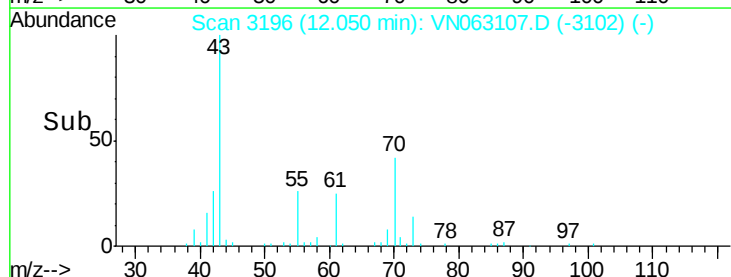
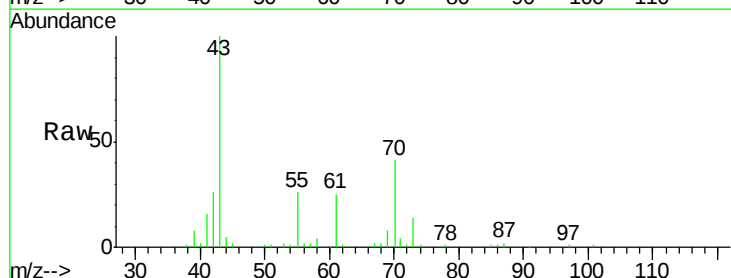
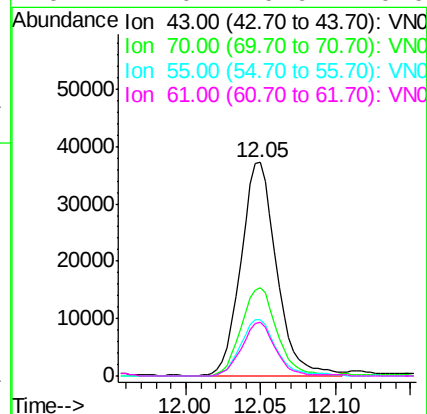
Ion Ratio Lower Upper

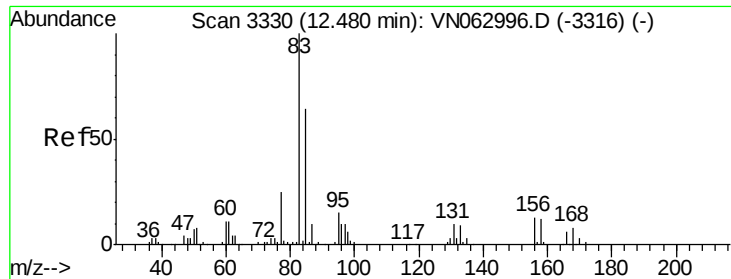
43 100

70 41.4 33.4 50.0

55 26.2 20.2 30.2

61 24.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.215 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

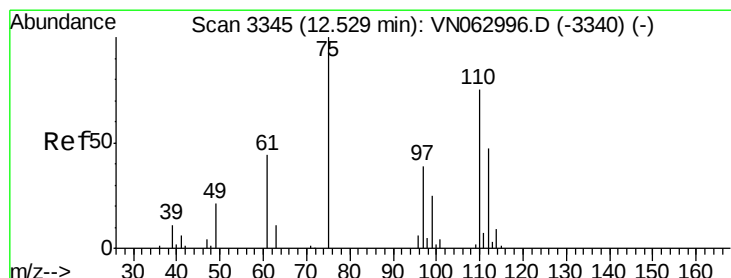
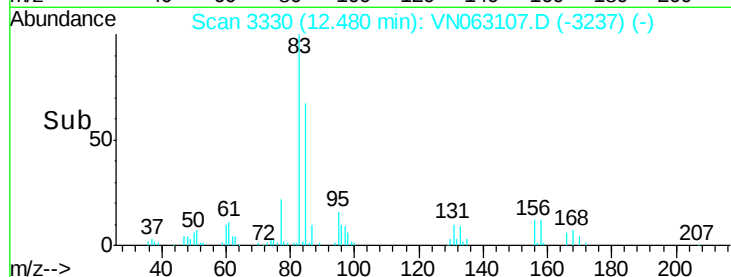
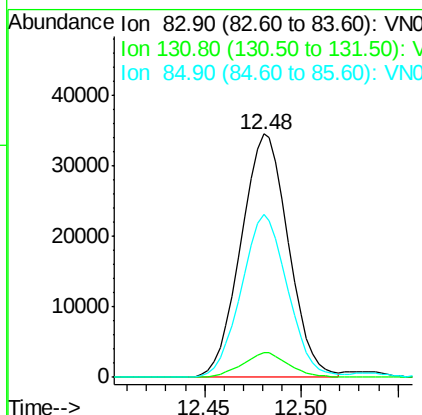
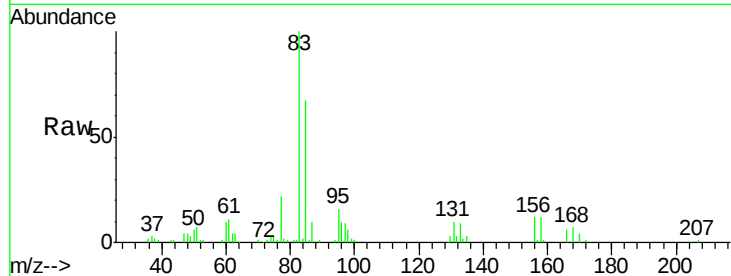
ClientSampleId :

VN0825WBS01

Tot Ion:	83	Resp:	59027
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	65.1	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 19.432 ug/l m

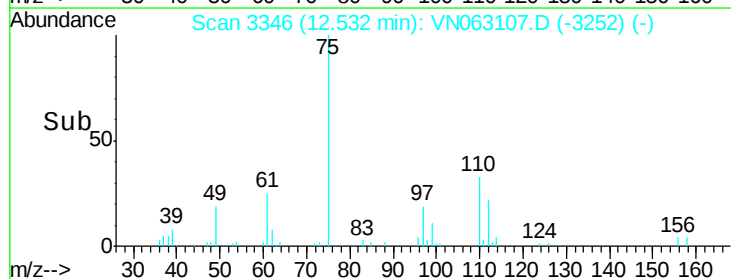
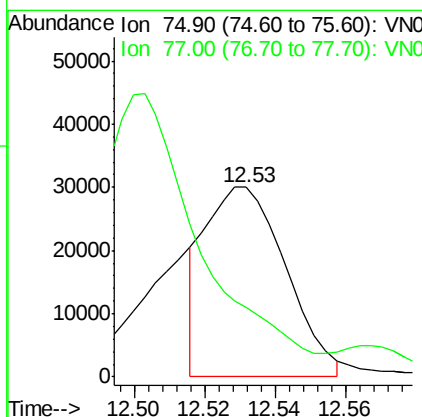
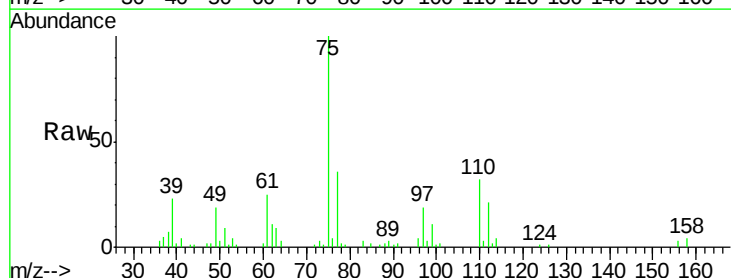
RT: 12.53 min Scan# 3346

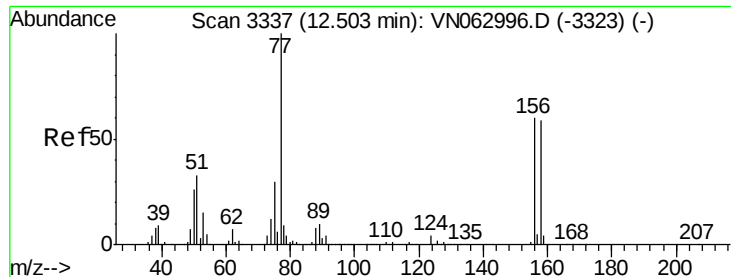
Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion:	75	Resp:	47550
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.159 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN0825WBS01

Tot Ion:156 Resp: 45426

Ion Ratio Lower Upper

156 100

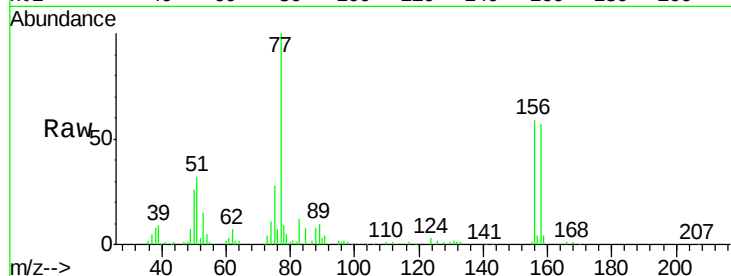
77 206.8 101.0 302.9

158 98.3 49.4 148.0

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MMDadoda

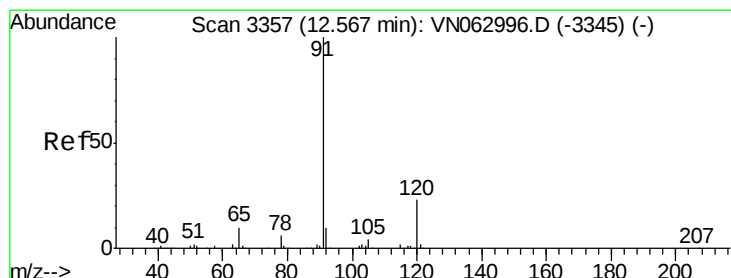
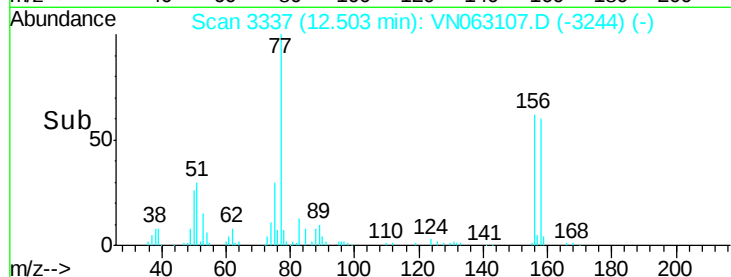
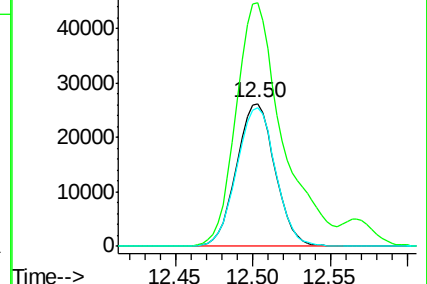
8/26/2020 11:26:39 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.852 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063107.D

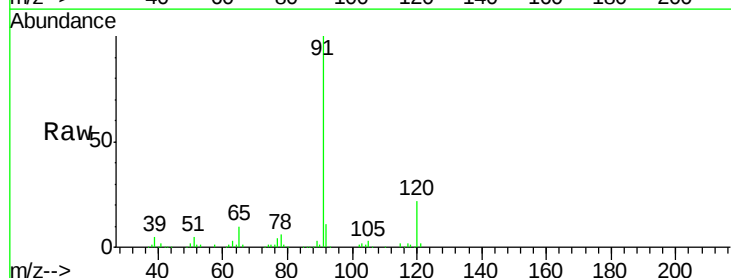
Acq: 25 Aug 2020 12:04

Tgt Ion: 91 Resp: 185249

Ion Ratio Lower Upper

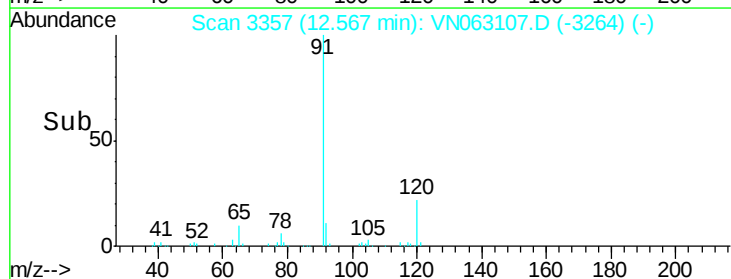
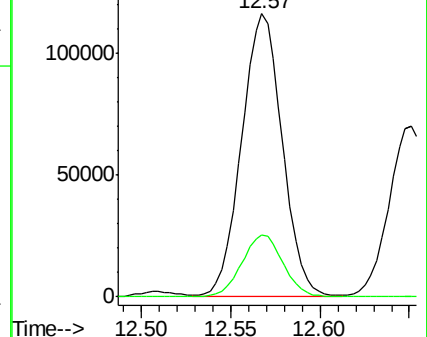
91 100

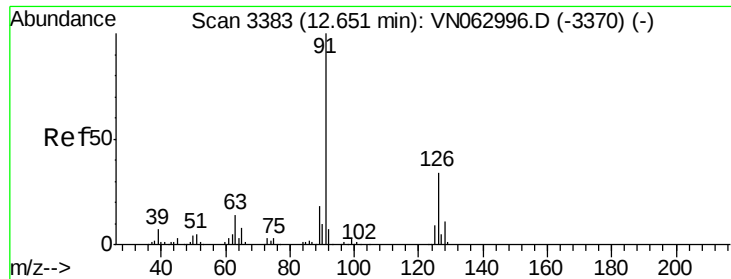
120 22.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.718 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

ClientSampled :

VN0825WBS01

Tot Ion: 91 Resp: 115691

Ion Ratio Lower Upper

91 100

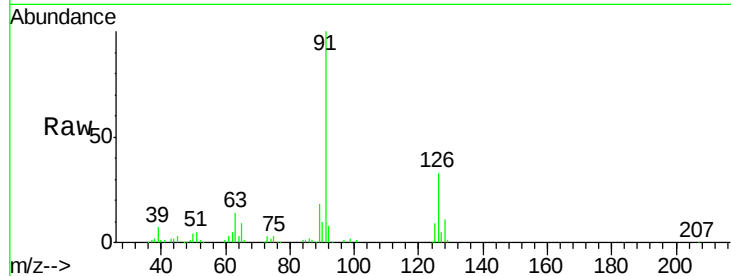
126 33.5 17.1 51.2

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN063107.D (-3290) (-)

Ion 125.90 (125.60 to 126.60): VN063107.D (-3290) (-)

100000

80000

60000

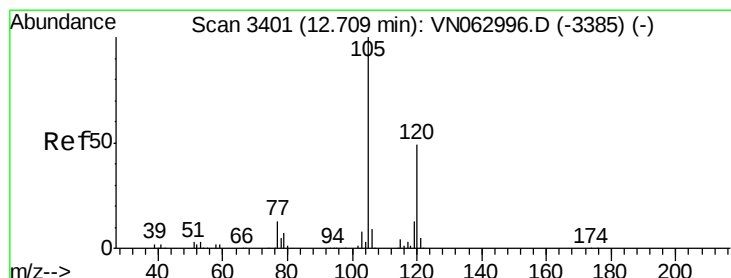
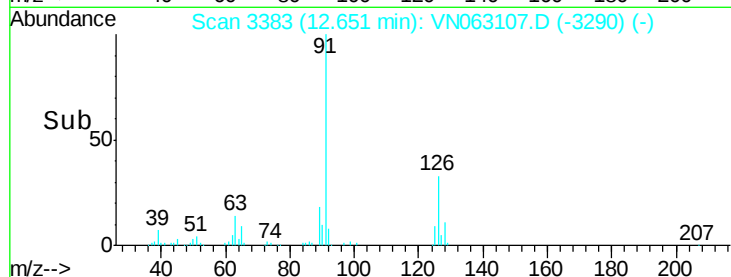
40000

20000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.626 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063107.D

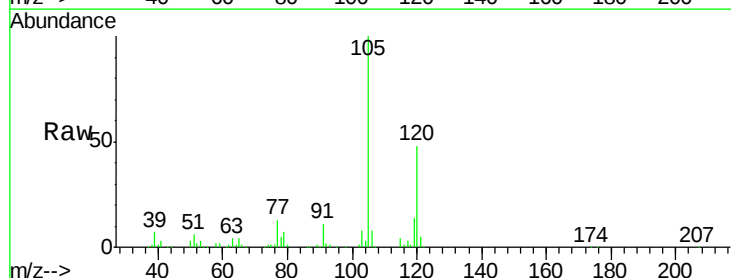
Acq: 25 Aug 2020 12:04

Tgt Ion: 105 Resp: 132739

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN063107.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN063107.D (-3308) (-)

80000

60000

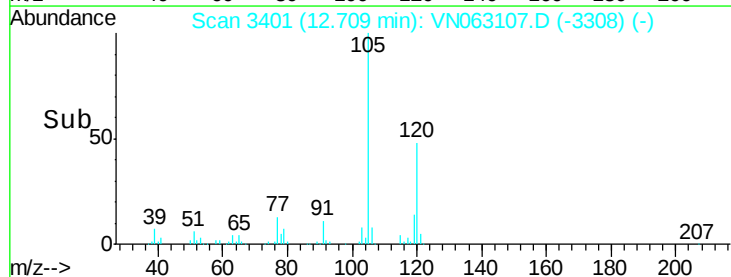
40000

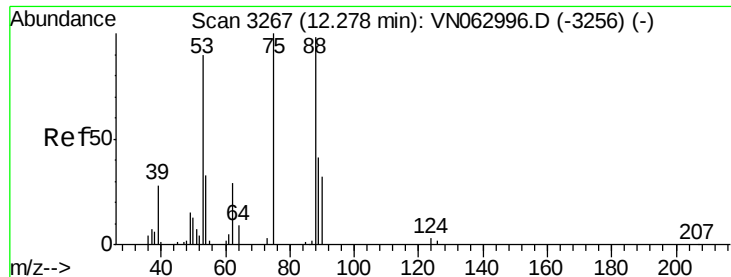
20000

0

12.70 12.71 12.72

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.823 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

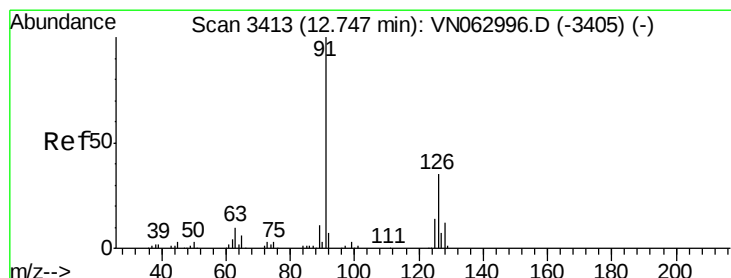
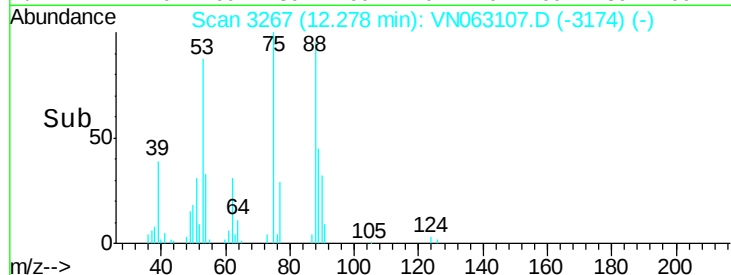
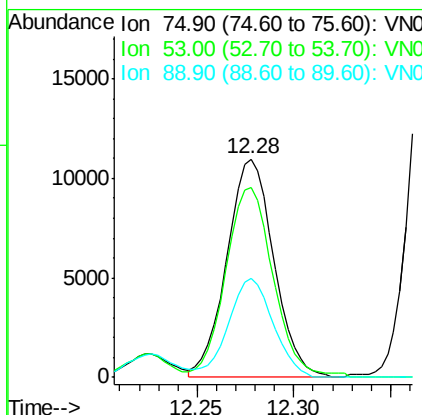
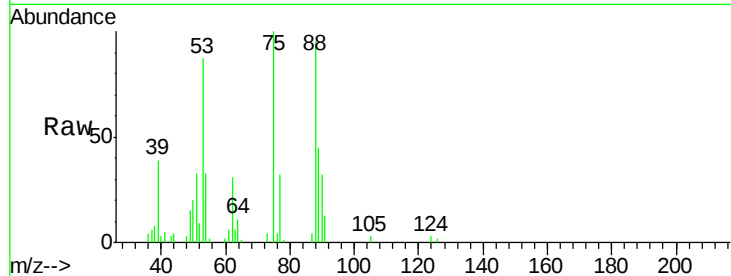
ClientSampleId :

VN0825WBS01

Tot Ion:	75	Resp:	18553
Ion	Ratio	Lower	Upper
75	100		
53	88.3	69.2	103.8
89	43.0	34.2	51.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.036 ug/l

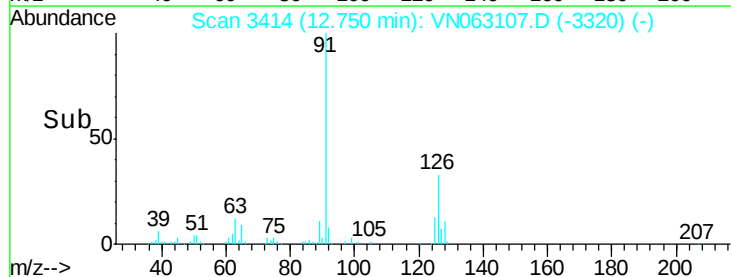
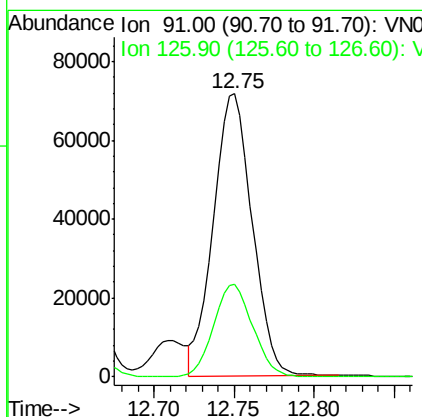
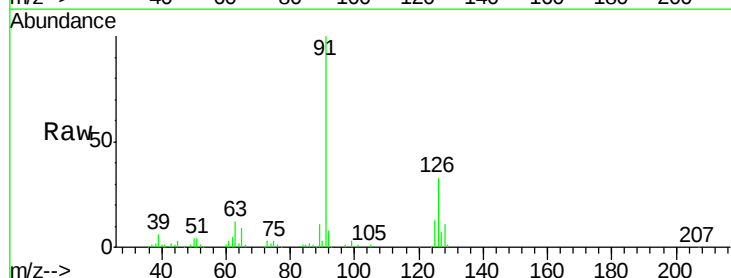
RT: 12.75 min Scan# 3414

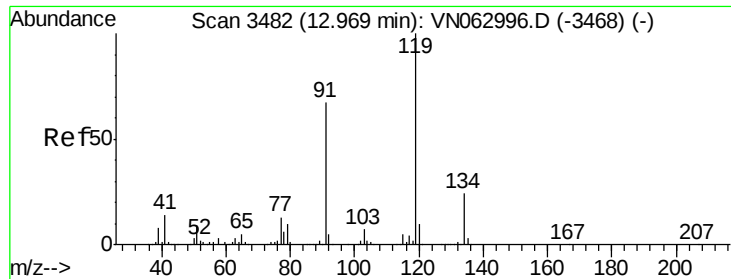
Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion:	91	Resp:	119800
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.5	49.5





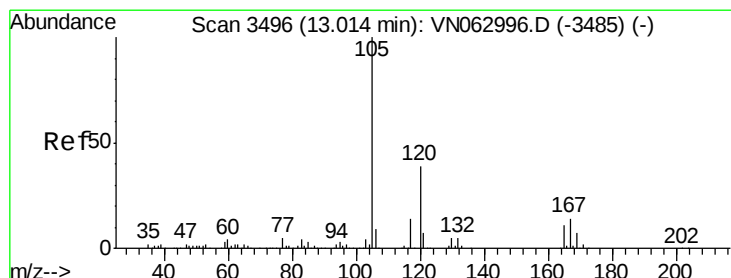
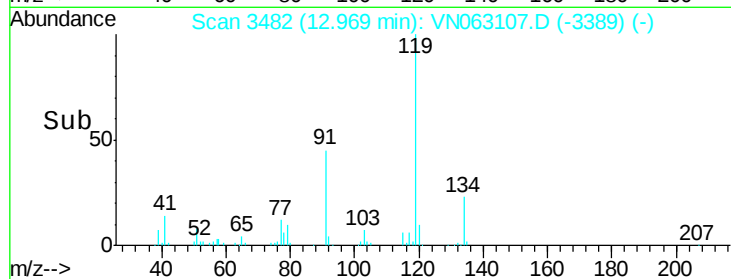
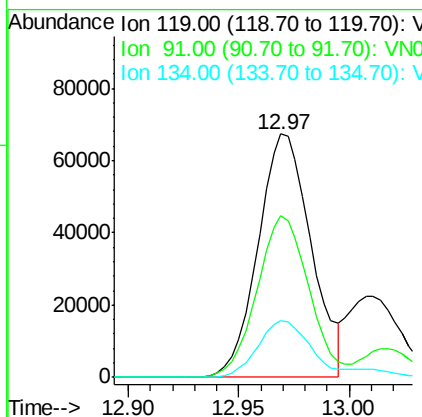
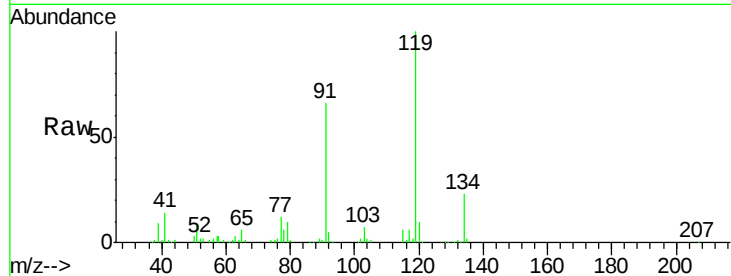
#83
 tert-Butylbenzene
 Concen: 18.291 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	32.5	97.4
134	23.0	13.1	39.3

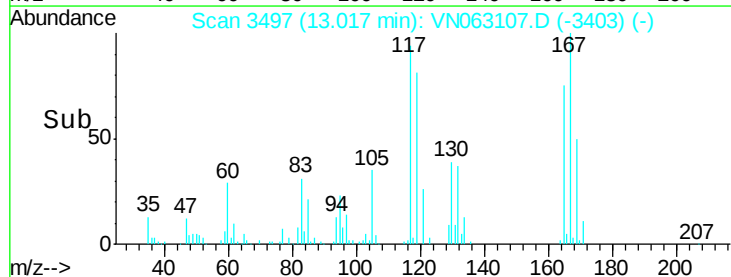
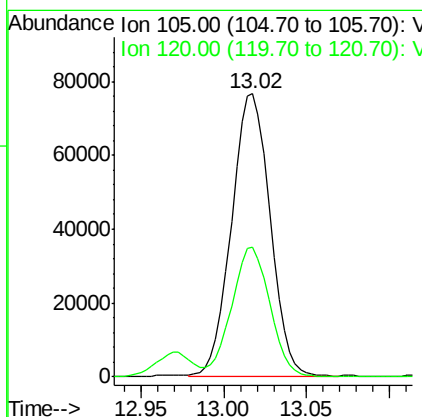
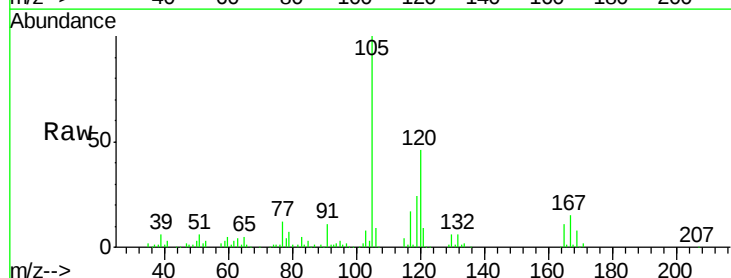
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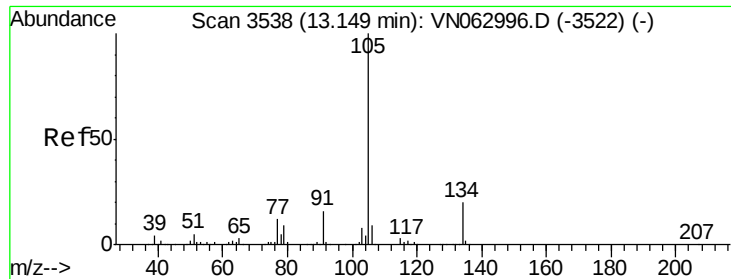
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#84
 1,2,4-Trimethylbenzene
 Concen: 17.774 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.5	67.5





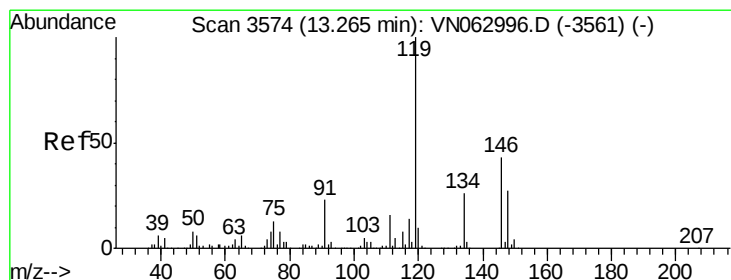
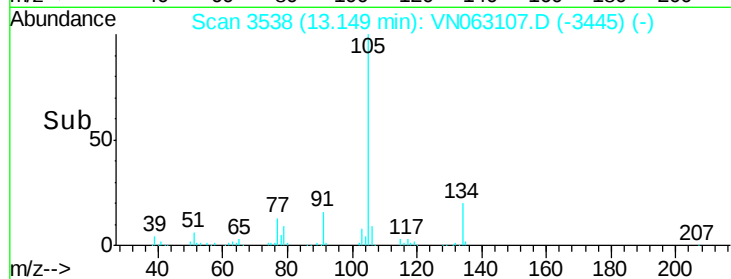
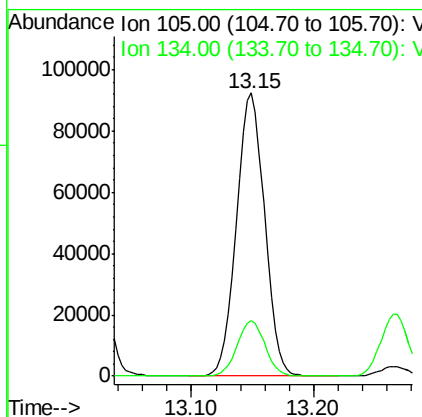
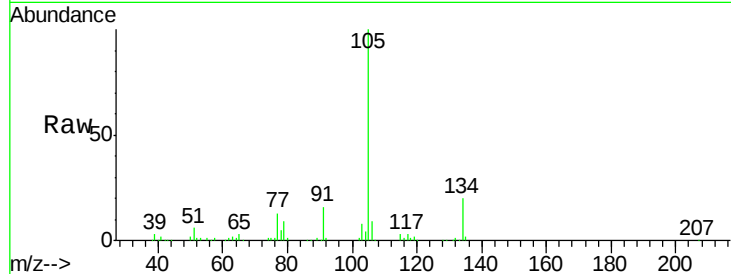
#85
 sec-Butylbenzene
 Concen: 17.755 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampled :
 VN0825WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	147596		
134	19.3	9.8	29.4	

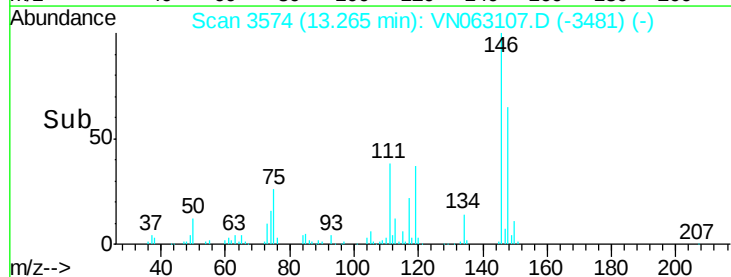
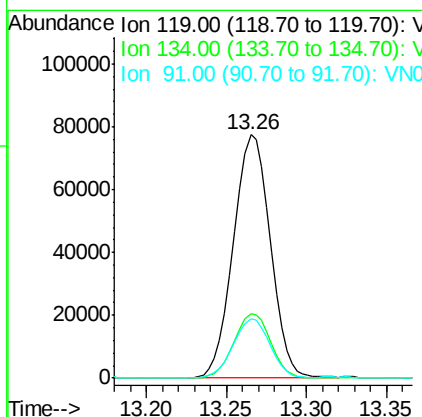
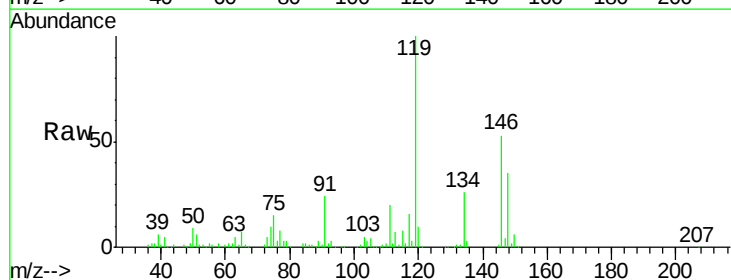
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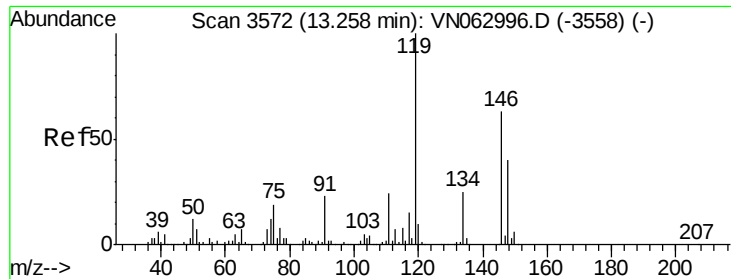
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 8/26/2020 11:26:39 AM



#86
 p-Isopropyltoluene
 Concen: 16.839 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	121968		
134	26.2	13.1	39.3	
91	24.3	11.5	34.4	





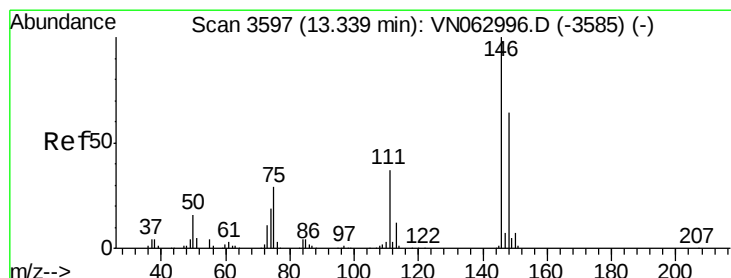
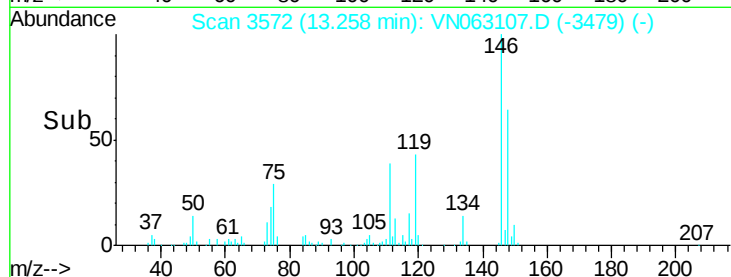
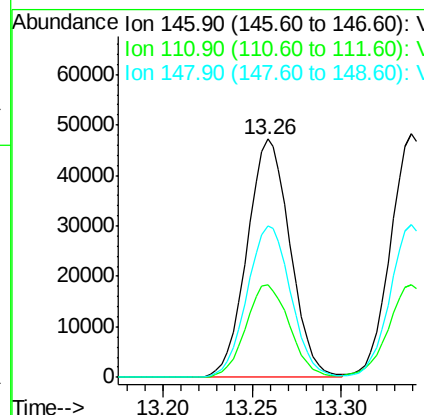
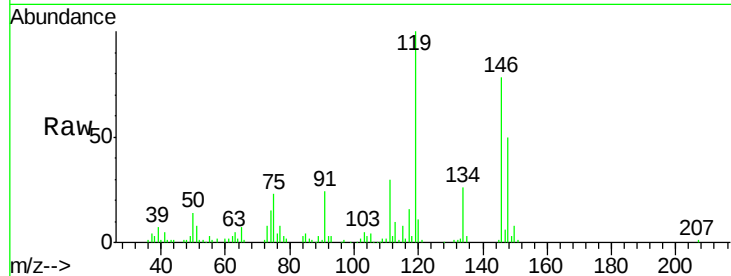
#87
 1,3-Dichlorobenzene
 Concen: 19.558 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.1
148	64.7	32.0	96.0

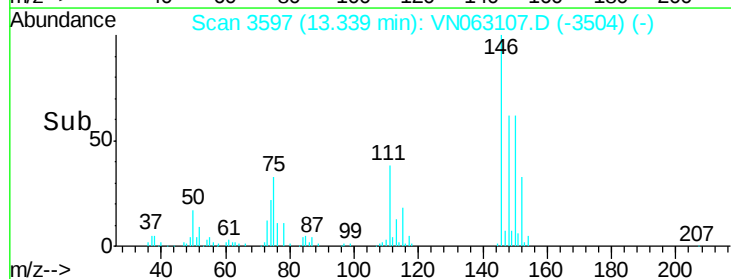
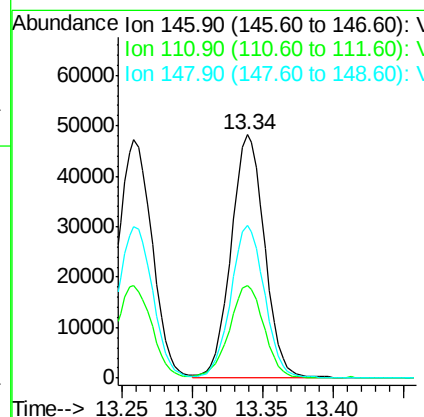
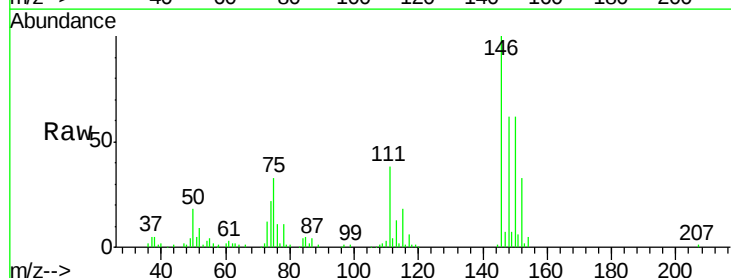
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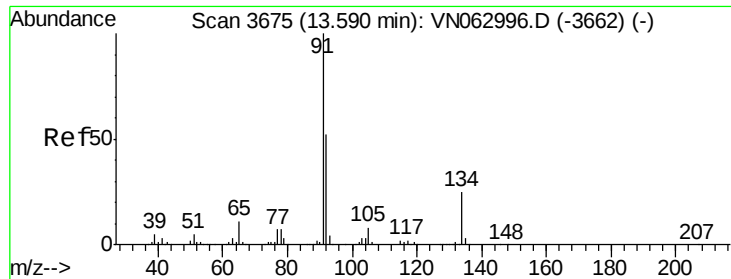
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#88
 1,4-Dichlorobenzene
 Concen: 19.228 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	18.8	56.4
148	63.9	32.4	97.0





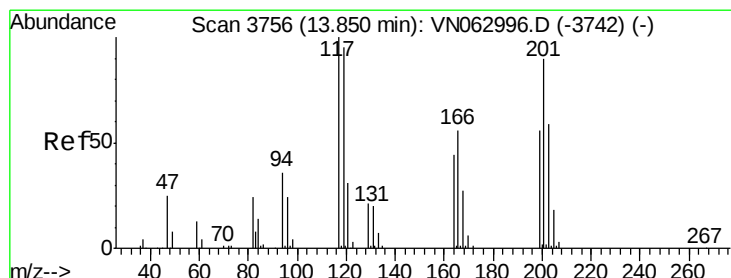
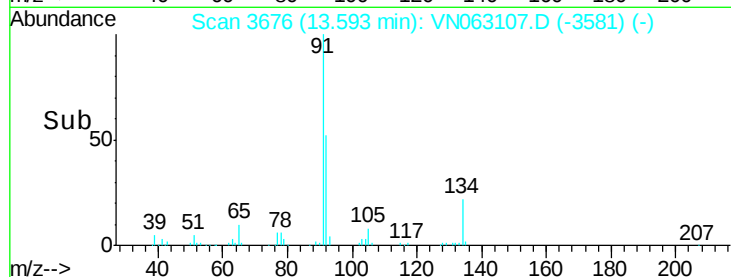
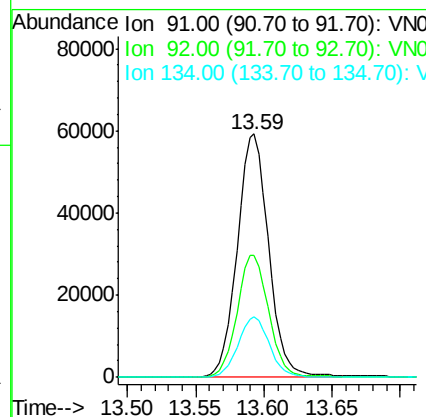
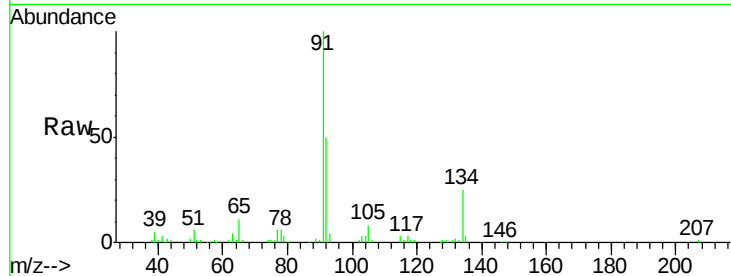
#89
n-Butylbenzene
Concen: 15.829 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.9	77.6
134	24.8	12.4	37.0

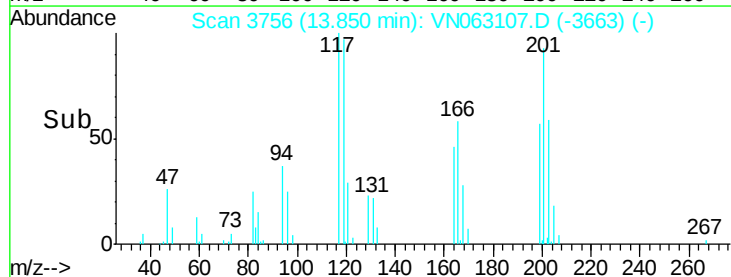
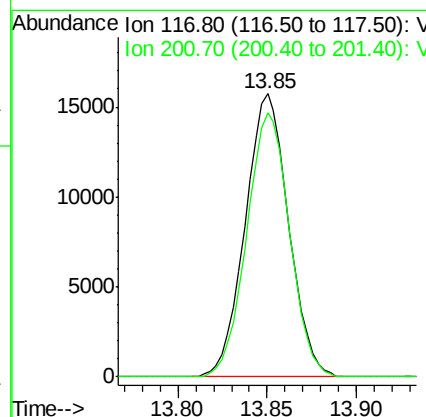
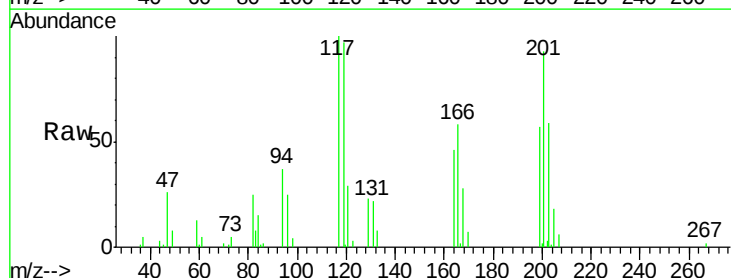
Manual Integrations
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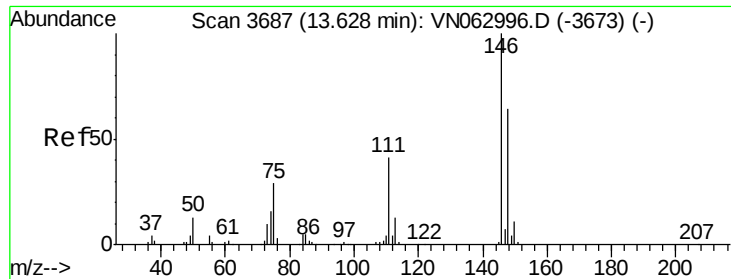
MMDadoda
8/26/2020 11:26:39 AM



#90
Hexachloroethane
Concen: 17.312 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN063107.D
Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.0	44.1	132.4





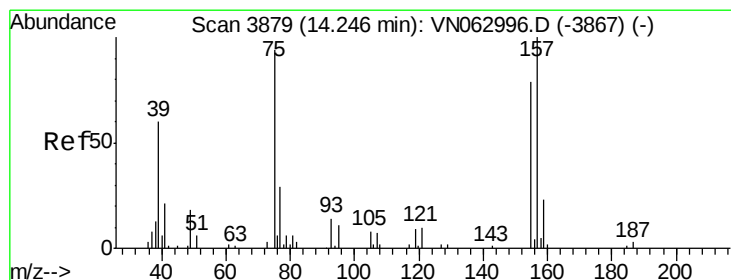
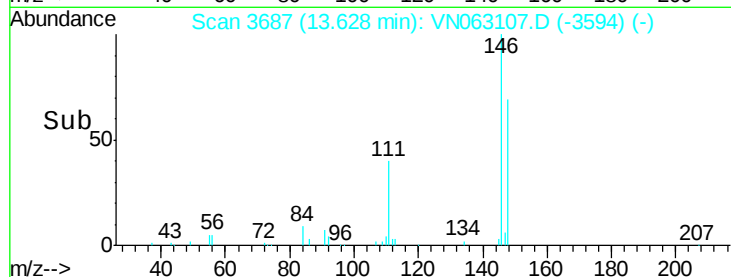
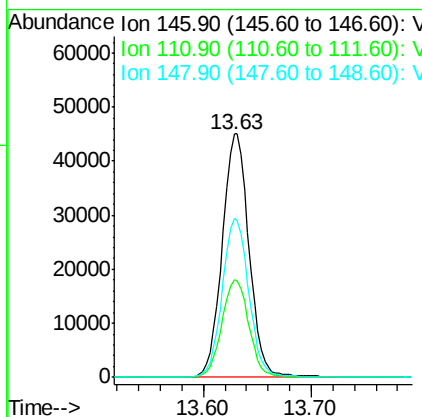
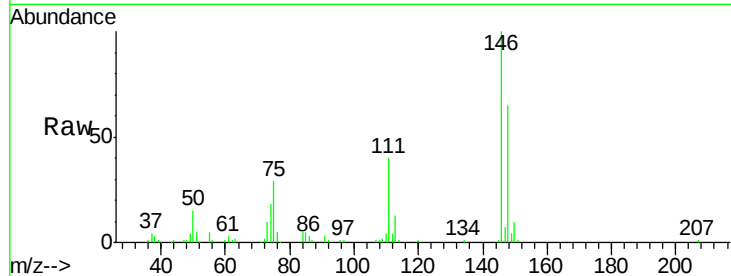
#91
 1,2-Dichlorobenzene
 Concen: 19.846 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.5
148	64.5	31.9	95.5

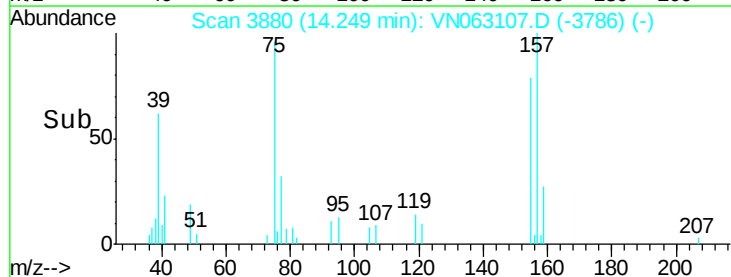
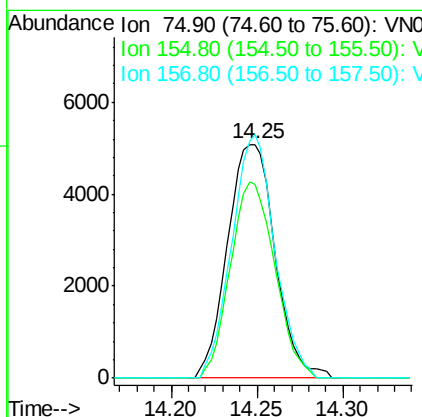
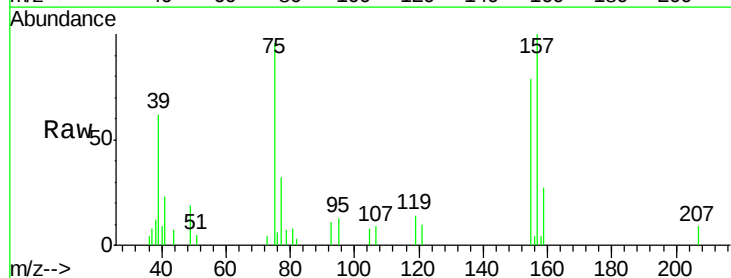
Manual Integrations
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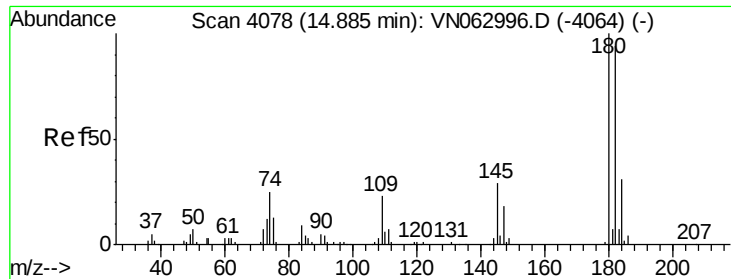
MMDadoda
 8/26/2020 11:26:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.510 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	42.4	127.1
157	94.1	55.2	165.6





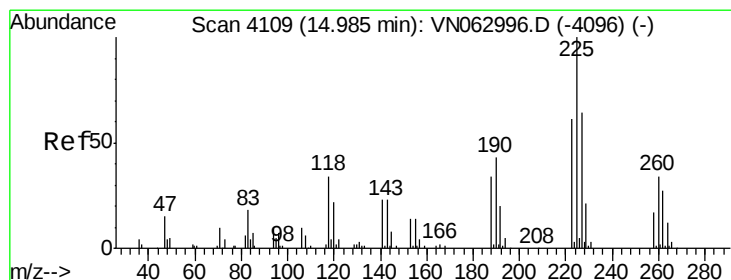
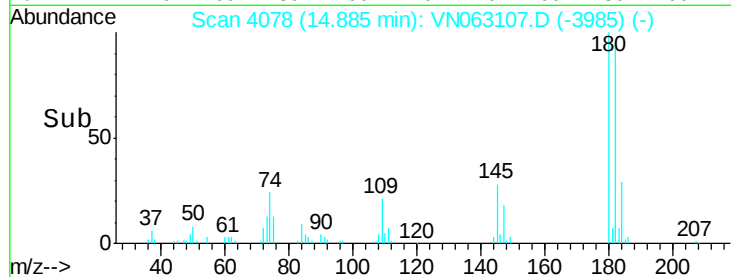
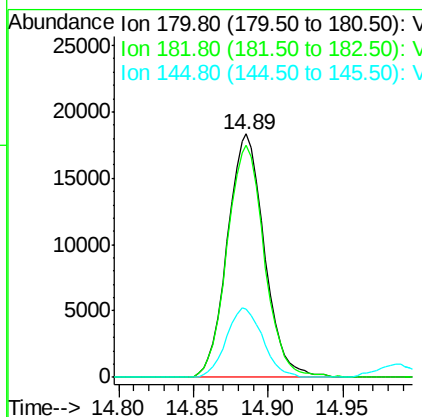
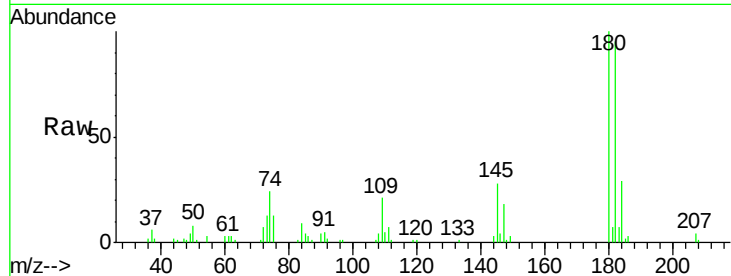
#93
 1,2,4-Trichlorobenzene
 Concen: 17.687 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.2
145	28.0	14.1	42.4

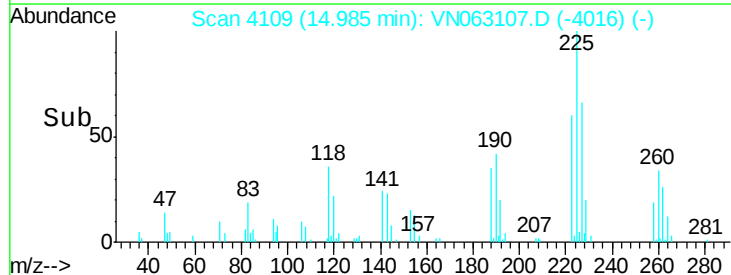
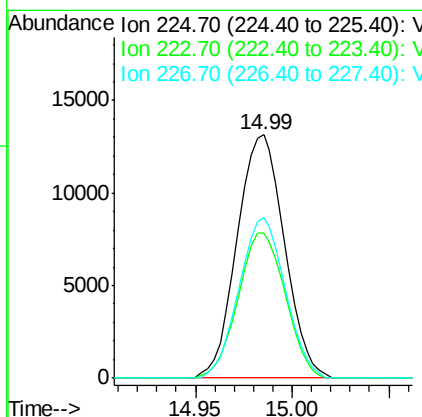
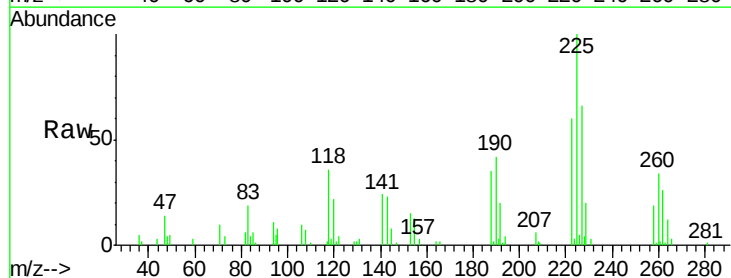
Manual Integrations
 APPROVED

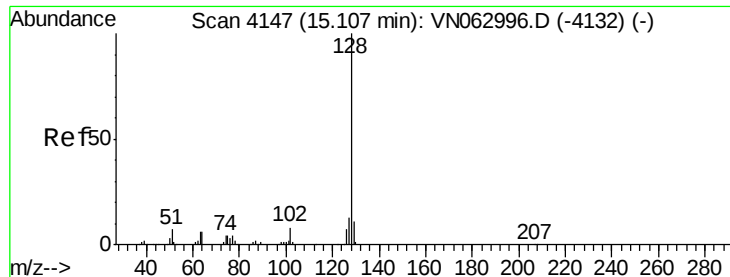
MMDadoda
 8/26/2020 11:26:39 AM



#94
 Hexachlorobutadiene
 Concen: 15.349 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063107.D
 Acq: 25 Aug 2020 12:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	30.9	92.5
227	64.3	31.9	95.9





#95

Naphthalene

Concen: 17.030 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Instrument :

MSVOA_N

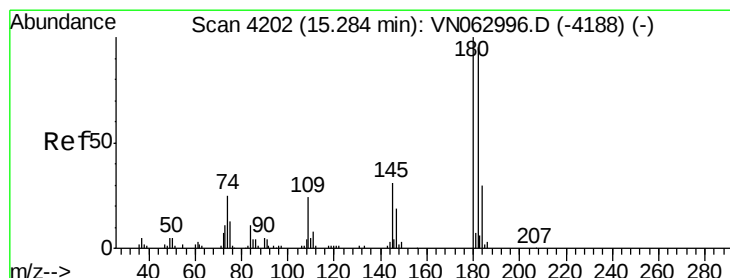
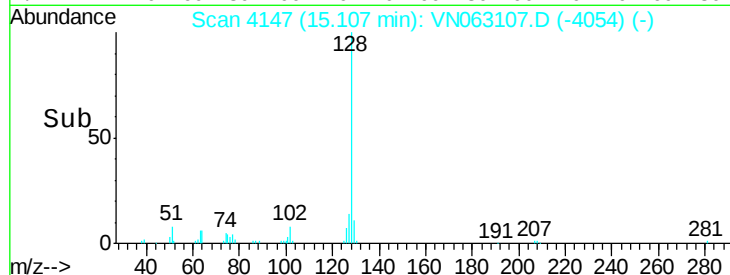
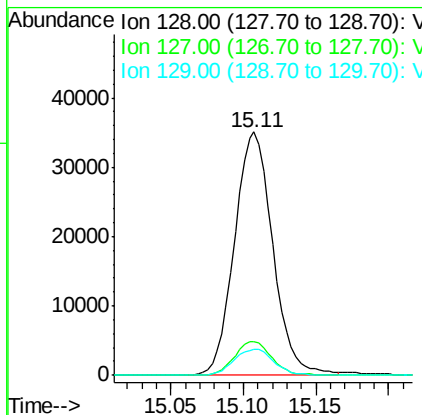
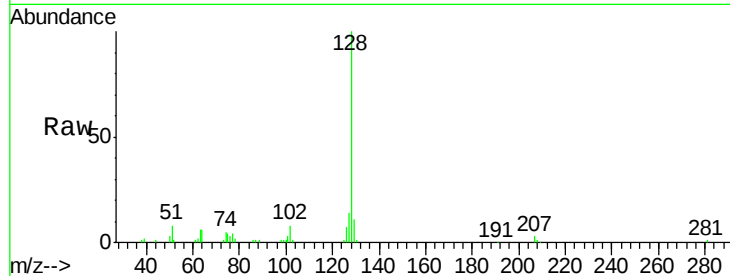
ClientSampleId :

VN0825WBS01

Tot Ion:	128	Resp:	64475
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	16.0
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/26/2020 11:26:39 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.488 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN063107.D

Acq: 25 Aug 2020 12:04

Tgt Ion:	180	Resp:	29090
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.9
145	28.7	15.6	46.7

