

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062404.D
 Acq On : 8 Jul 2020 13:09
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN070820

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:52:37 AM

Quant Time: Jul 09 02:30:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	214272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	361580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153323	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	147176	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	
35) Dibromofluoromethane	7.55	113	104011	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.06	98	415802	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.37	95	153908	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	114426	52.427	ug/l	98
3) Chloromethane	2.04	50	173640	49.582	ug/l	99
4) Vinyl Chloride	2.16	62	145650	50.764	ug/l	98
5) Bromomethane	2.52	94	80059	51.955	ug/l	95
6) Chloroethane	2.66	64	86468	51.743	ug/l	97
7) Trichlorofluoromethane	2.98	101	191323	52.504	ug/l	100
8) Diethyl Ether	3.37	74	84903	52.106	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	114801	53.145	ug/l	99
10) Methyl Iodide	3.91	142	143218	50.212	ug/l	100
11) Tert butyl alcohol	4.73	59	128397	234.853	ug/l	98
12) 1,1-Dichloroethene	3.70	96	112805	51.292	ug/l	100
13) Acrolein	3.56	56	91237	231.339	ug/l	99
14) Allyl chloride	4.27	41	268575	51.924	ug/l	99
15) Acrylonitrile	4.93	53	374879	261.451	ug/l	100
16) Acetone	3.77	43	393952	281.547	ug/l	100
17) Carbon Disulfide	4.01	76	348800	50.613	ug/l	100
18) Methyl Acetate	4.27	43	172598	49.428	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	431939	51.802	ug/l	99
20) Methylene Chloride	4.50	84	140487	46.959	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	124032	52.057	ug/l	96
22) Diisopropyl ether	5.90	45	538508	52.696	ug/l	96
23) Vinyl Acetate	5.84	43	2255337	266.420	ug/l	99
24) 1,1-Dichloroethane	5.80	63	272909	51.681	ug/l	99
25) 2-Butanone	6.78	43	547040	267.697	ug/l	100
26) 2,2-Dichloropropane	6.77	77	215183	53.146	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	143973	52.169	ug/l	99
28) Bromochloromethane	7.15	49	138748	48.362	ug/l	100
29) Tetrahydrofuran	7.17	42	355076	258.087	ug/l	98
30) Chloroform	7.33	83	249860	52.405	ug/l	98
31) Cyclohexane	7.61	56	246461	49.233	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	202609	51.087	ug/l	99
36) 1,1-Dichloropropene	7.75	75	191159	52.475	ug/l	99
37) Ethyl Acetate	6.88	43	215422	50.573	ug/l	100
38) Carbon Tetrachloride	7.73	117	173203	52.885	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	219705	56.492	ug/l	98
40) Benzene	8.00	78	568745	52.974	ug/l	99
41) Methacrylonitrile	7.13	41	95539m	53.682	ug/l	
42) 1,2-Dichloroethane	8.09	62	212242	53.989	ug/l	100
43) Isopropyl Acetate	8.12	43	361159	53.671	ug/l	99
44) Trichloroethene	8.80	130	128297	53.859	ug/l	99
45) 1,2-Dichloropropane	9.09	63	165530	53.110	ug/l	100
46) Dibromomethane	9.18	93	93981	53.434	ug/l	98
47) Bromodichloromethane	9.37	83	202755	53.919	ug/l	100
48) Methyl methacrylate	9.17	41	178197	53.986	ug/l	99
49) 1,4-Dioxane	9.17	88	50017	1041.070	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1088367	270.796	ug/l	100
52) Toluene	10.12	92	337556	54.432	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	235303	55.853	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	256630	55.210	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	131614	53.961	ug/l	96
56) Ethyl methacrylate	10.40	69	229581	51.107	ug/l	99
57) 1,3-Dichloropropane	10.68	76	243446	54.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	373712	258.267	ug/l	99
59) 2-Hexanone	10.72	43	812353	278.415	ug/l	99
60) Dibromochloromethane	10.87	129	143360	54.208	ug/l	100
61) 1,2-Dibromoethane	10.98	107	133879	54.375	ug/l	98
64) Tetrachloroethene	10.60	164	104019	52.184	ug/l	98
65) Chlorobenzene	11.41	112	347912	53.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	128312	53.296	ug/l	100
67) Ethyl Benzene	11.48	91	660454	53.894	ug/l	100
68) m/p-Xylenes	11.59	106	471235	108.623	ug/l	99
69) o-Xylene	11.92	106	228226	54.032	ug/l	99
70) Styrene	11.94	104	389349	55.774	ug/l	99
71) Bromoform	12.10	173	97537	55.265	ug/l #	100
73) Isopropylbenzene	12.22	105	616358	51.950	ug/l	100
74) N-amyl acetate	12.04	43	321606	55.692	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	200418	50.239	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	176010m	46.786	ug/l	
77) Bromobenzene	12.50	156	140209	51.982	ug/l	97
78) n-propylbenzene	12.56	91	739554	53.363	ug/l	100
79) 2-Chlorotoluene	12.65	91	436740	51.923	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	517741	53.231	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	73381	52.209	ug/l	99
82) 4-Chlorotoluene	12.75	91	457034	53.521	ug/l	100
83) tert-Butylbenzene	12.97	119	420422	50.936	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	513880	53.154	ug/l	100
85) sec-Butylbenzene	13.15	105	582638	53.270	ug/l	100
86) p-Isopropyltoluene	13.26	119	513253	54.371	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	251793	54.112	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	250110	52.238	ug/l	99
89) n-Butylbenzene	13.59	91	462564	55.496	ug/l	100
90) Hexachloroethane	13.85	117	97606	52.563	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	242682	53.941	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	37514	51.530	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	124203	57.117	ug/l	97
94) Hexachlorobutadiene	14.98	225	67009	56.096	ug/l	98
95) Naphthalene	15.10	128	321186	54.268	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122892	50.682	ug/l	99

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

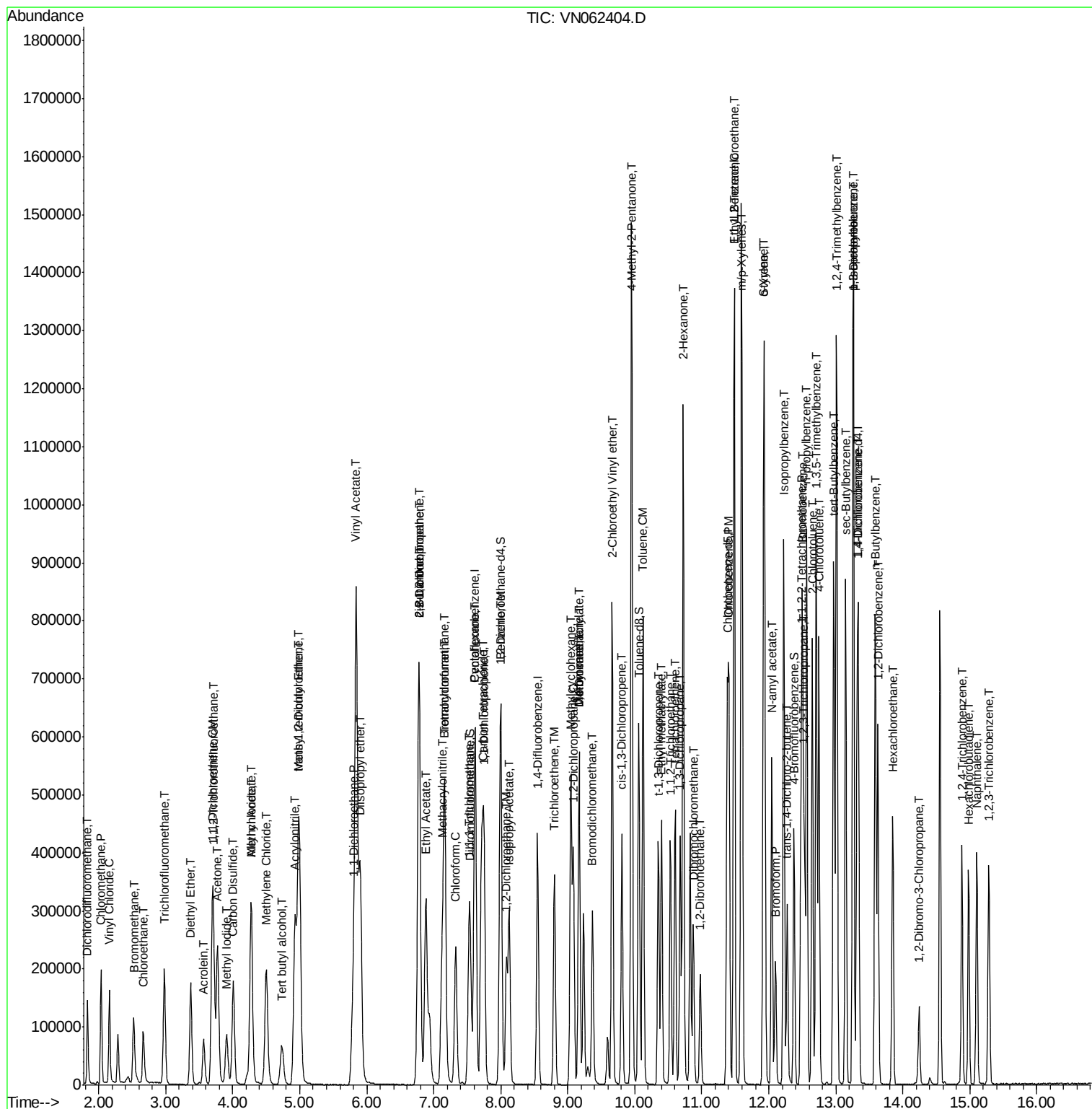
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070820\
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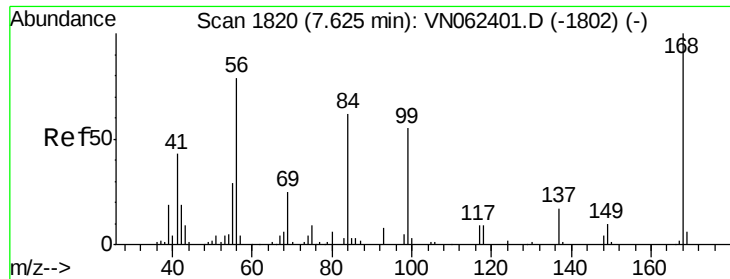
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleID :

ICVVN070820

Tot Ion:168 Resp: 214272

Ion Ratio Lower Upper

168 100

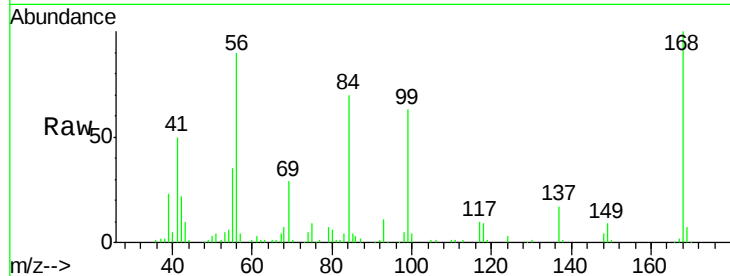
99 62.9 48.8 73.2

Manual Integrations

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7/9/2020 10:52:37 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

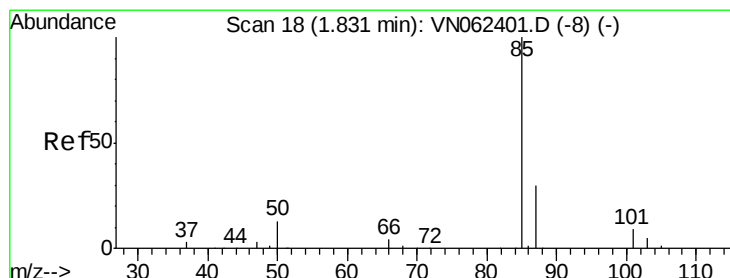
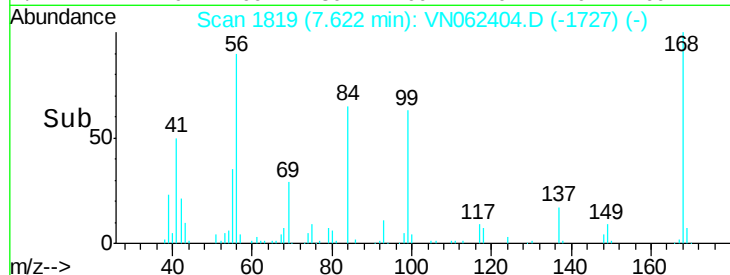
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 52.427 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062404.D

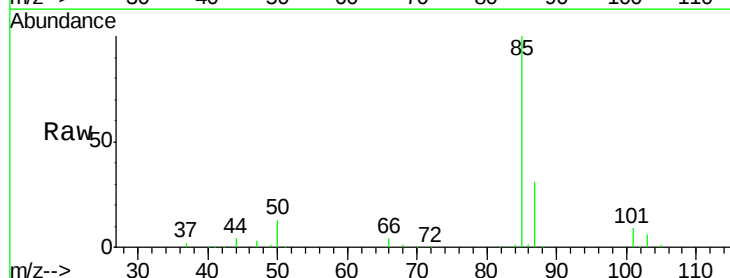
Acq: 8 Jul 2020 13:09

Tgt Ion: 85 Resp: 114426

Ion Ratio Lower Upper

85 100

87 31.2 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

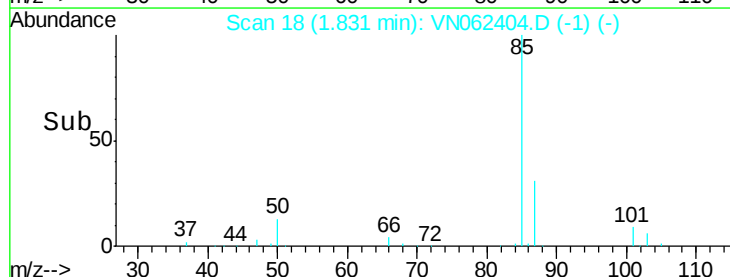
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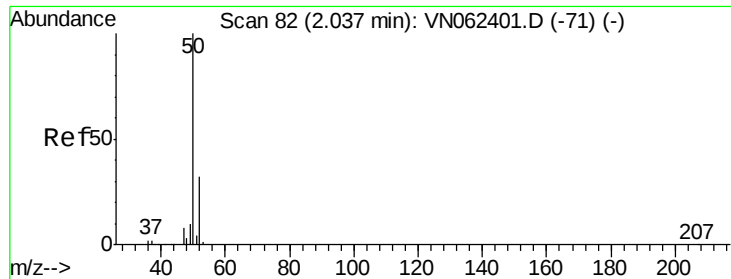
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 49.582 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

ICVVN070820

Tot Ion: 50 Resp: 173640

Ion Ratio Lower Upper

50 100

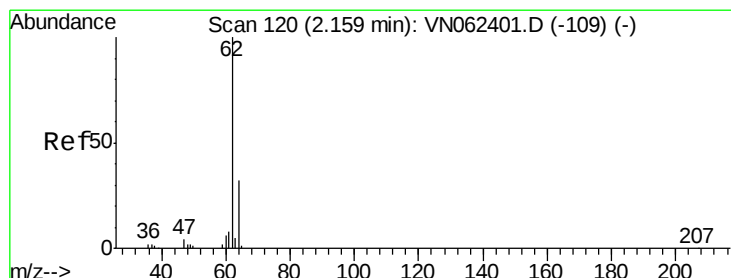
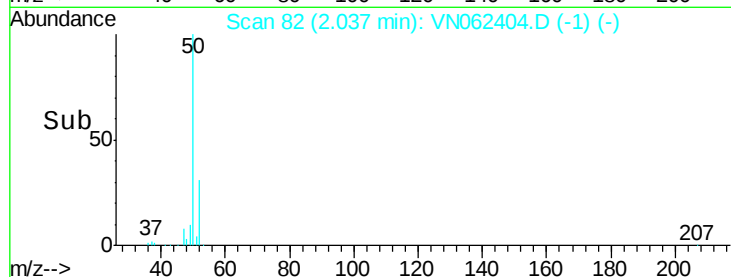
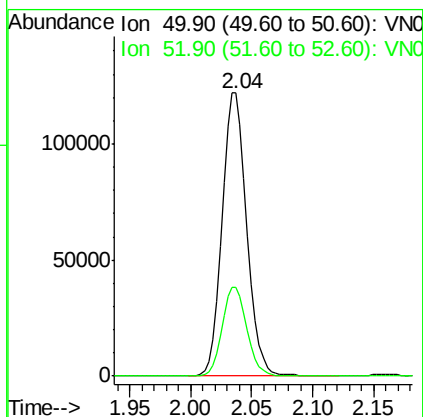
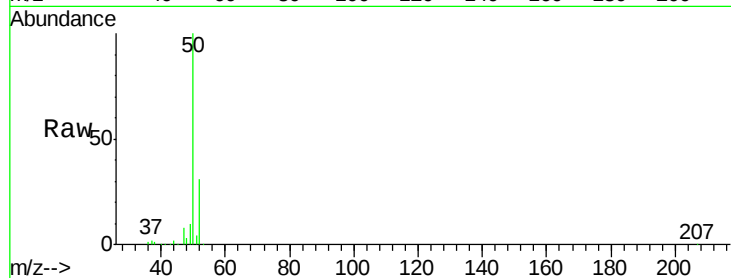
52 31.5 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.764 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062404.D

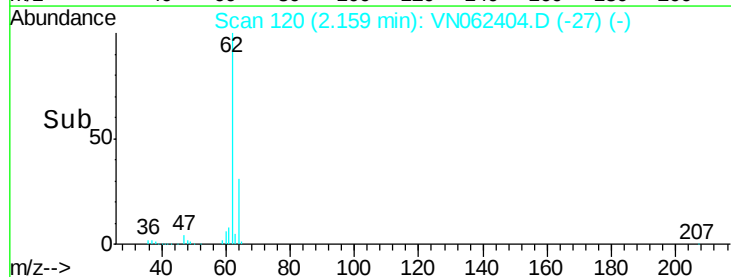
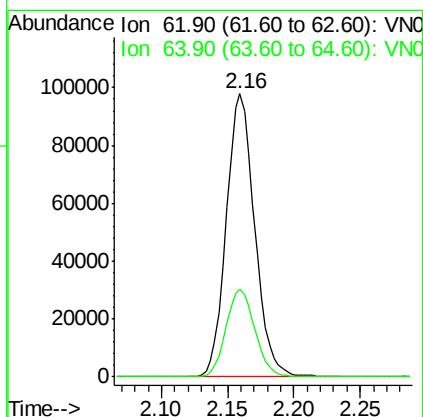
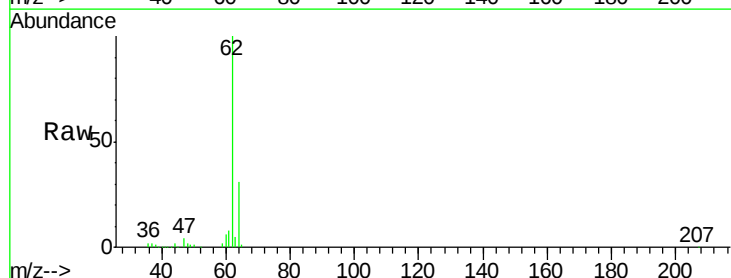
Acq: 8 Jul 2020 13:09

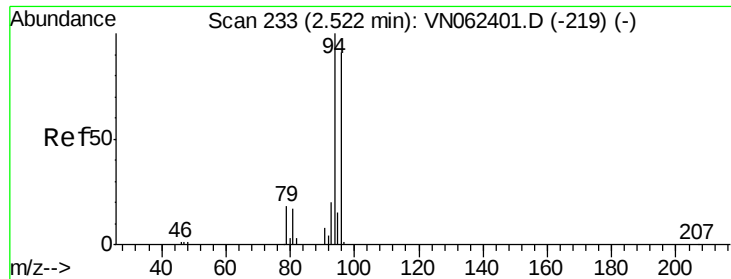
Tgt Ion: 62 Resp: 145650

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 51.955 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

ICVVN070820

Tot Ion: 94 Resp: 80059

Ion Ratio Lower Upper

94 100

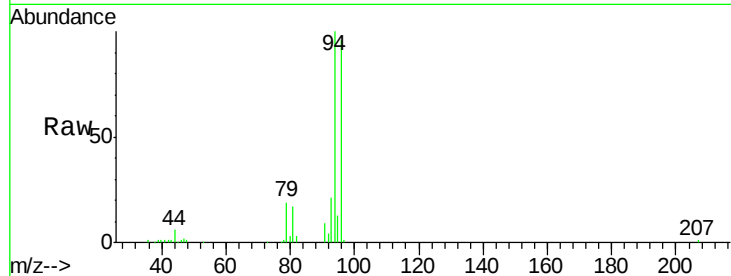
96 96.1 73.2 109.8

Manual Integrations

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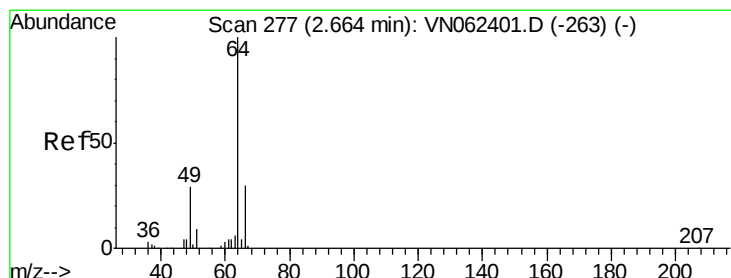
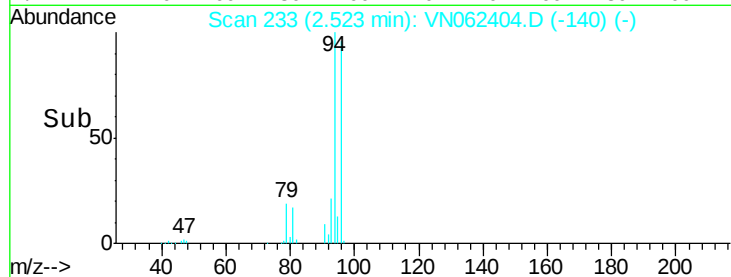
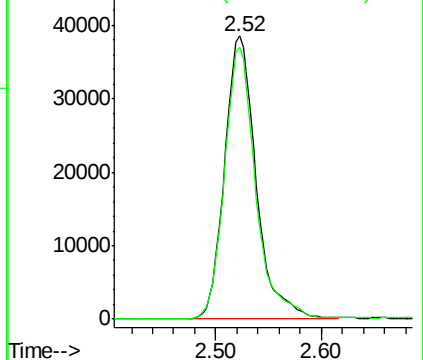
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 51.743 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062404.D

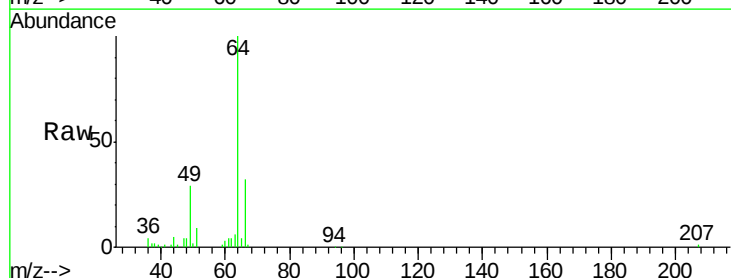
Acq: 8 Jul 2020 13:09

Tgt Ion: 64 Resp: 86468

Ion Ratio Lower Upper

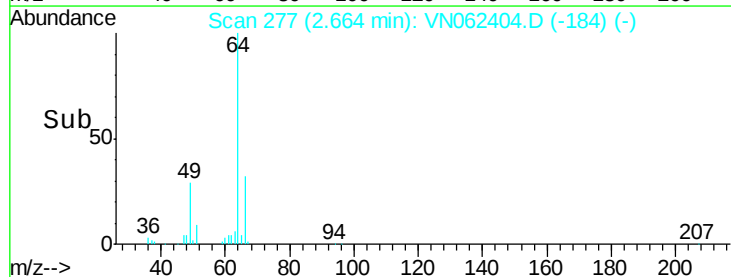
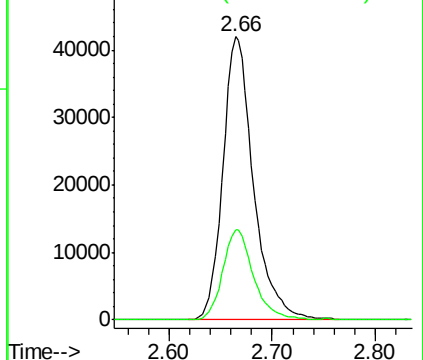
64 100

66 31.7 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

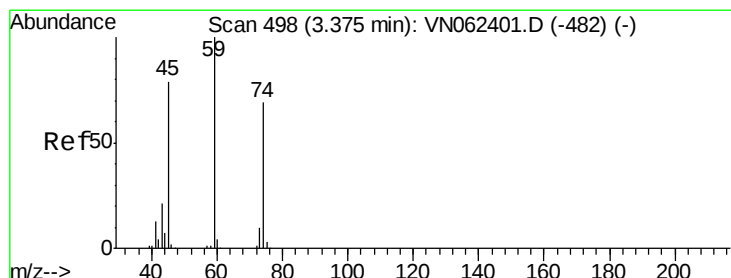
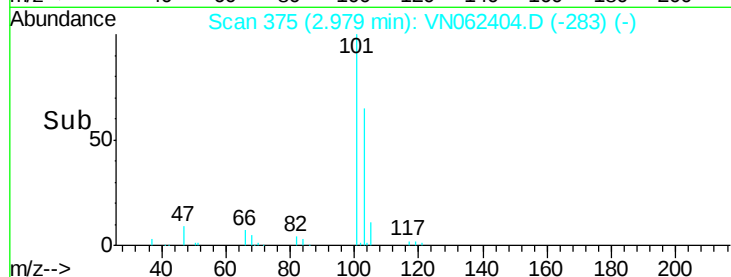
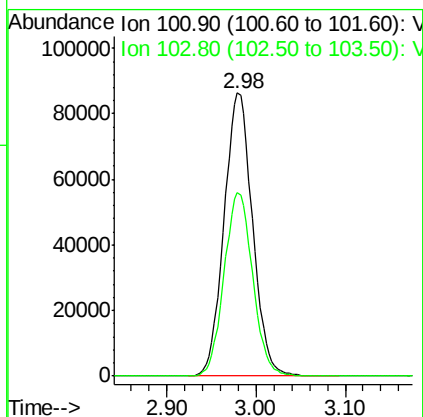
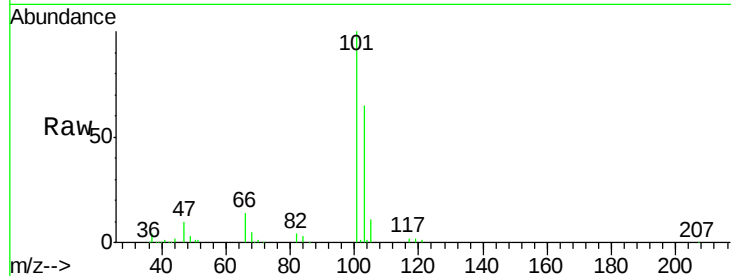
Trichlorofluoromethane
 Concen: 52.504 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.6	77.4

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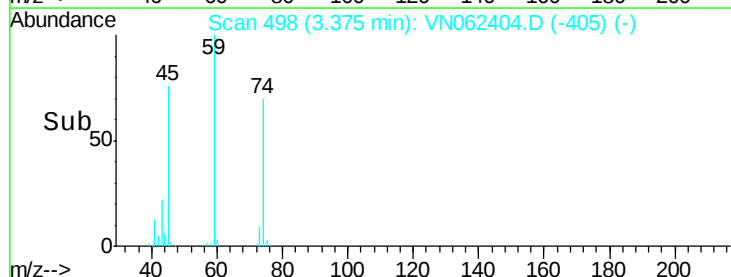
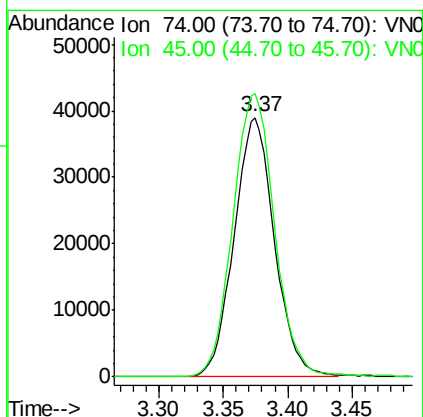
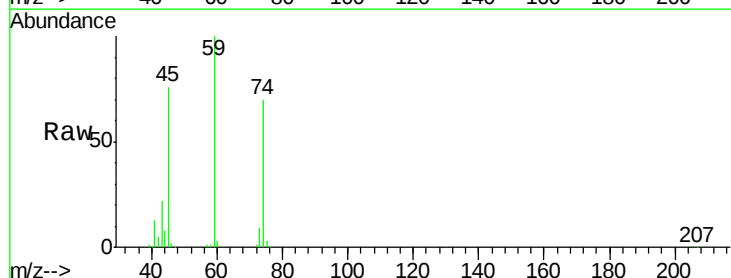
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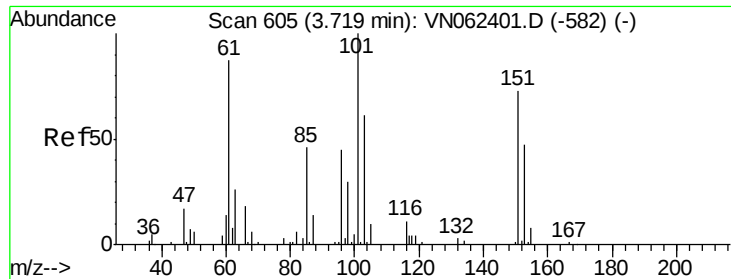


#8

Diethyl Ether
 Concen: 52.106 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.4	58.5	175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.145 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

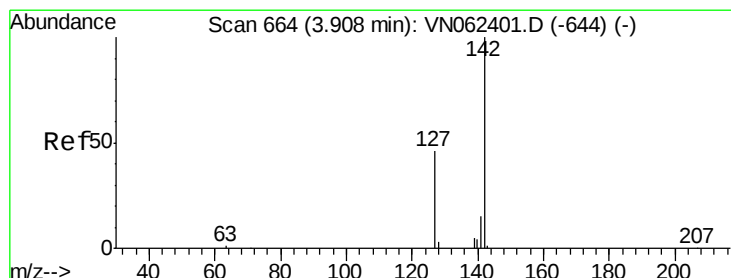
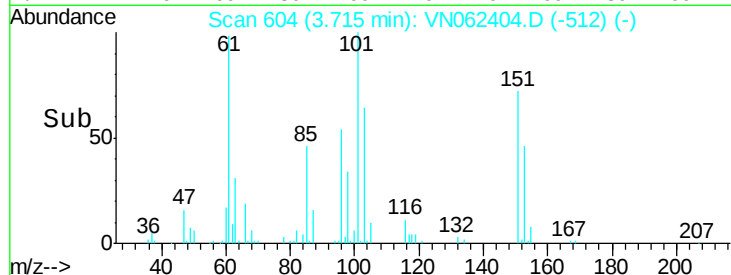
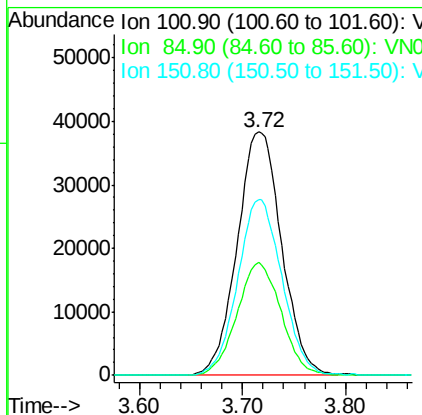
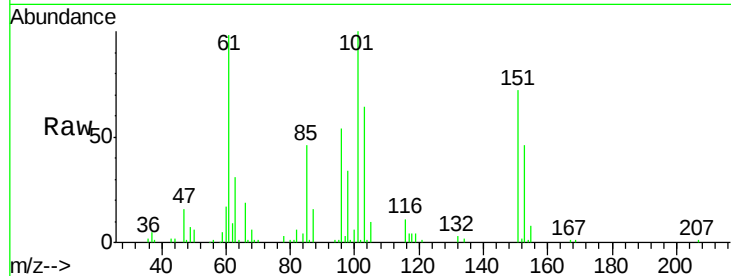
ClientSampleId :

ICVVN070820

Tot Ion:	101	Resp:	114801
Ion Ratio	Lower	Upper	
101	100		
85	45.9	36.7	55.1
151	71.9	58.3	87.5

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#10

Methyl Iodide

Concen: 50.212 ug/l

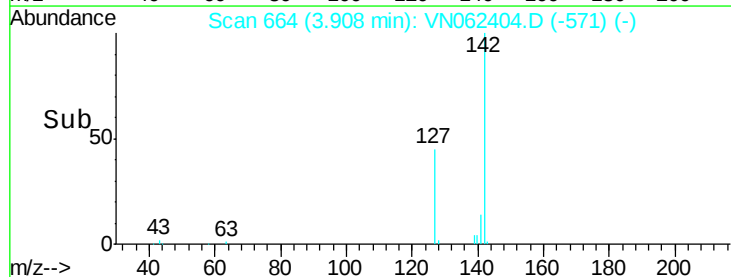
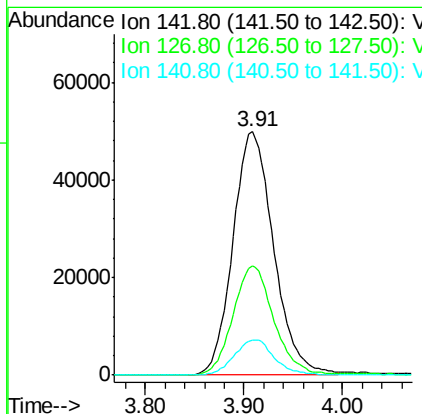
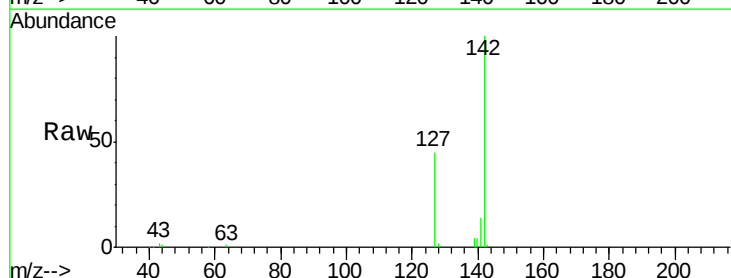
RT: 3.91 min Scan# 664

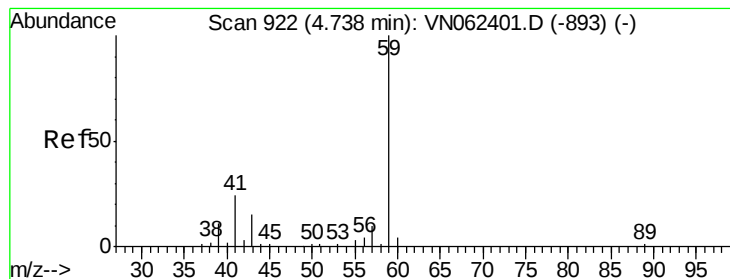
Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Tgt Ion:	142	Resp:	143218
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.1	54.1
141	14.2	11.4	17.0





#11

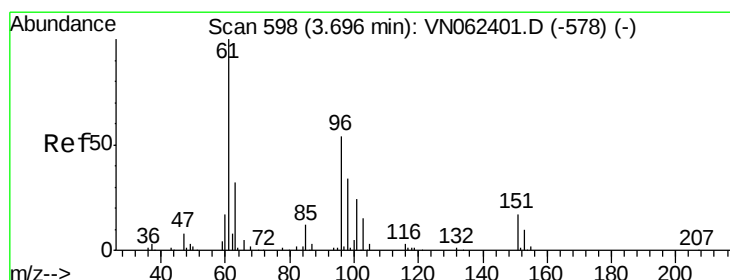
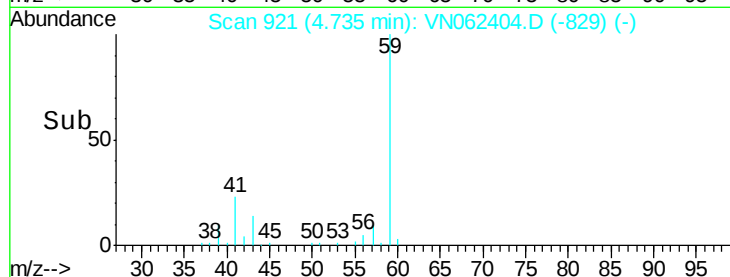
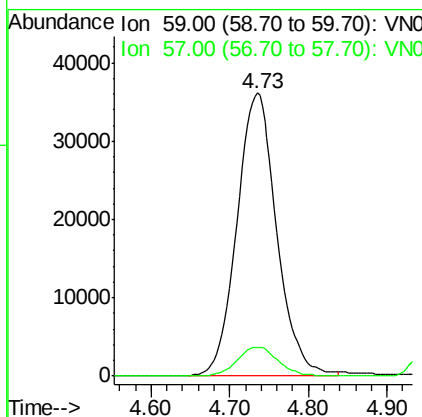
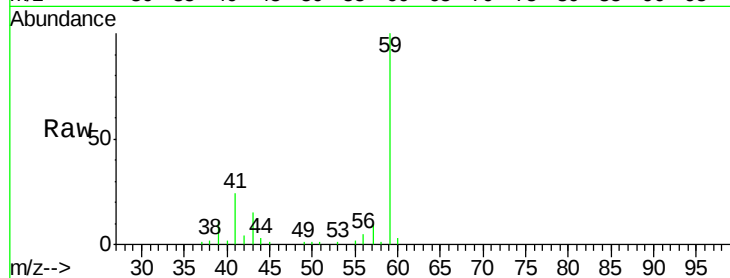
Tert butyl alcohol
Concen: 234.853 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	7.8	11.6

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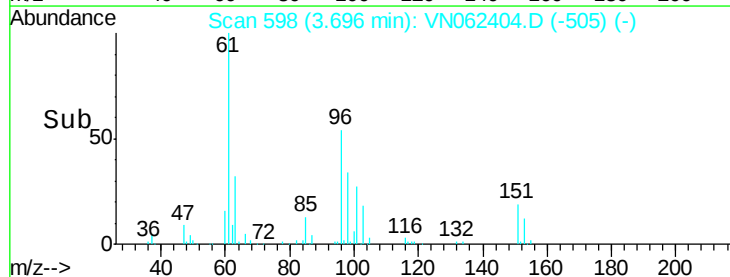
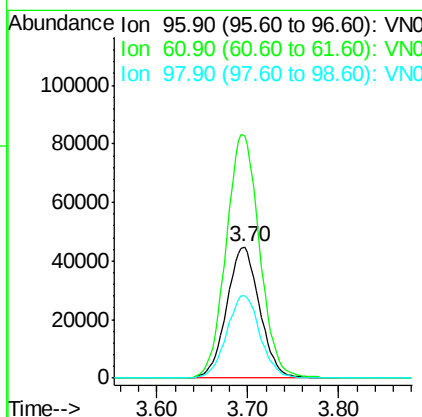
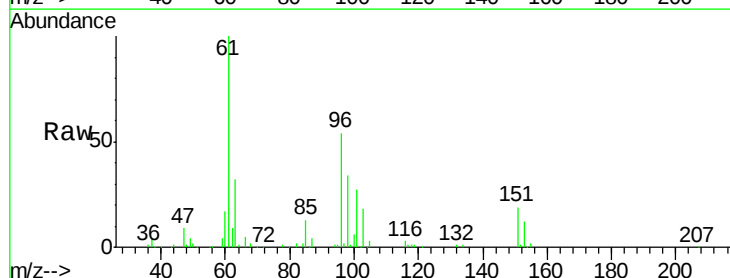
MMDadoda
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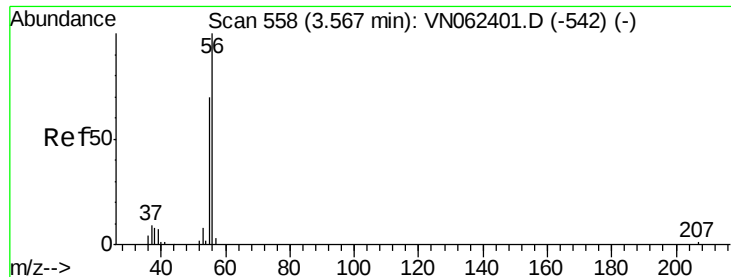


#12

1,1-Dichloroethene
Concen: 51.292 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.8	147.4	221.0
98	62.9	50.4	75.6





#13

Acrolein

Concen: 231.339 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

Tot Ion: 56 Resp: 91237

Ion Ratio Lower Upper

56 100

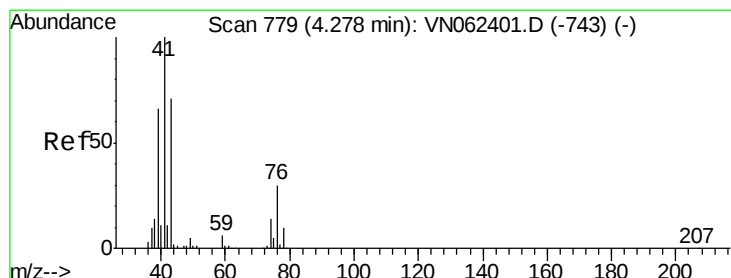
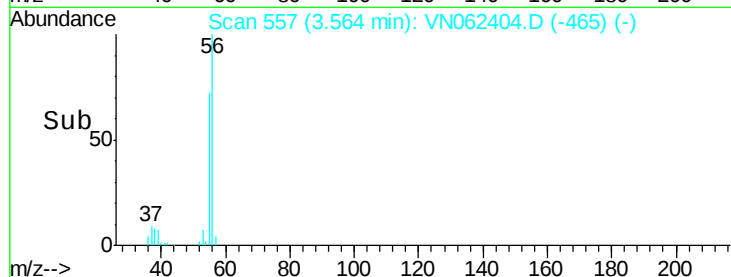
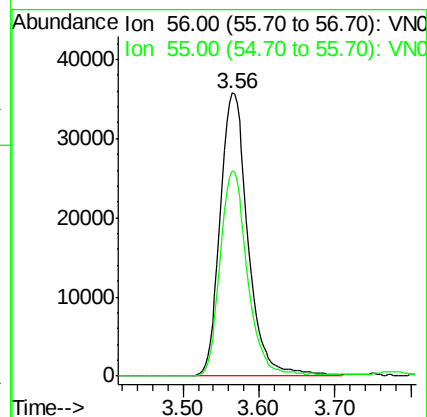
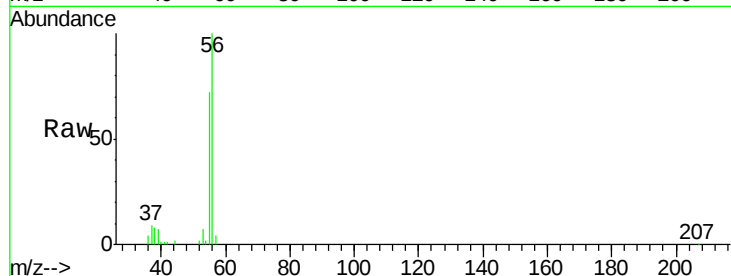
55 70.9 57.2 85.8

Manual Integrations

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#14

Allyl chloride

Concen: 51.924 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

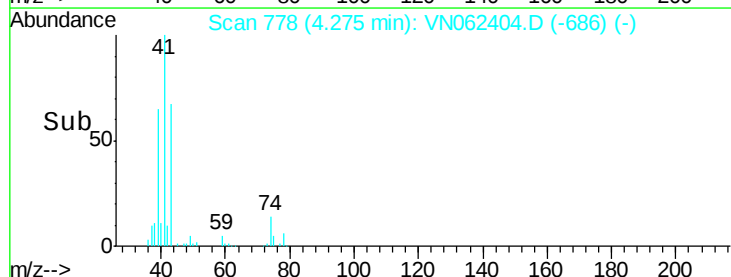
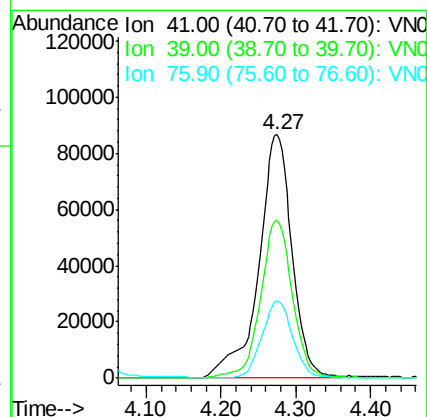
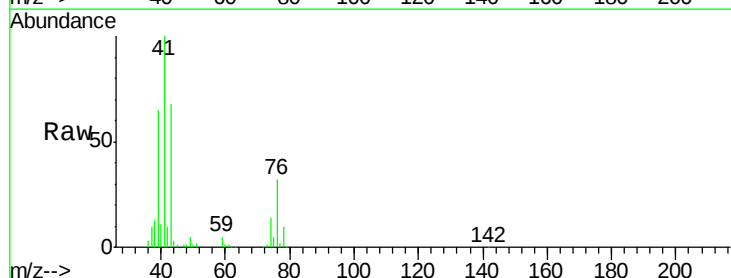
Tgt Ion: 41 Resp: 268575

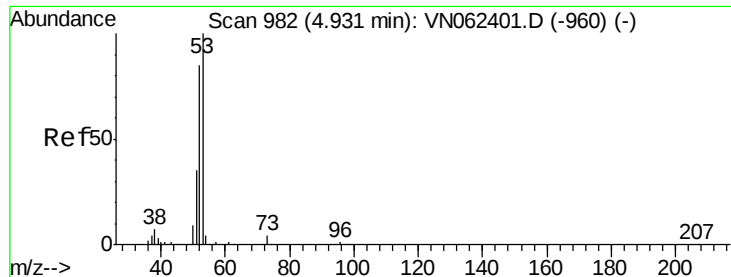
Ion Ratio Lower Upper

41 100

39 61.7 49.6 74.4

76 29.3 22.2 33.4





#15

Acrylonitrile

Concen: 261.451 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

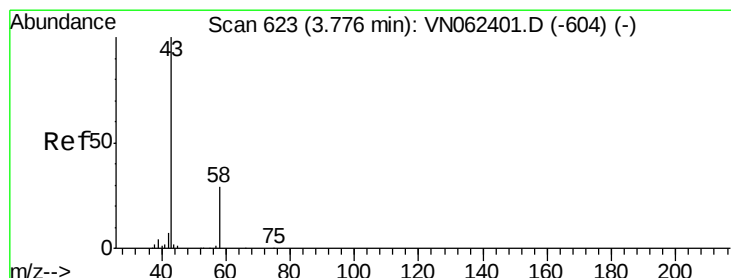
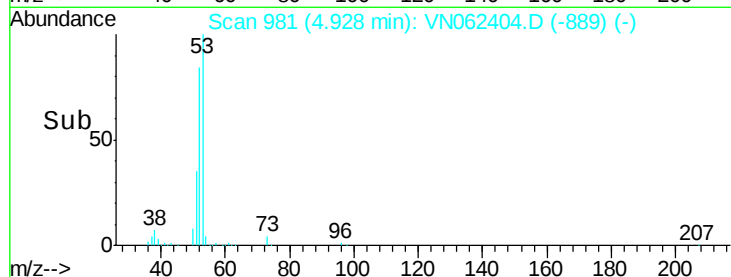
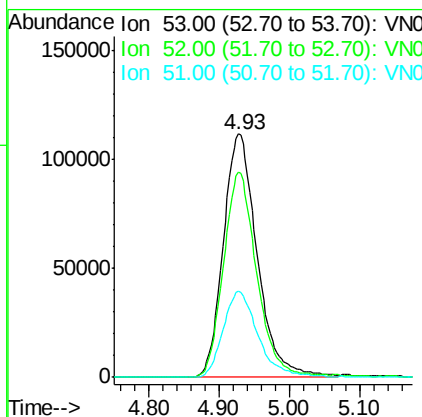
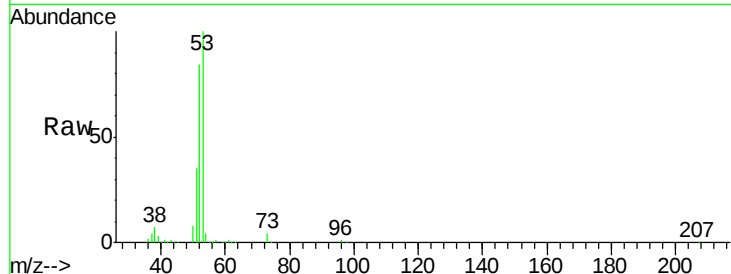
ClientSampled :

ICVVN070820

Tot Ion:	53	Resp:	374879
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.4
51	36.2	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 281.547 ug/l

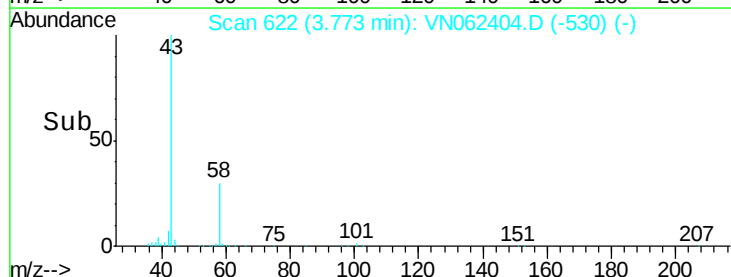
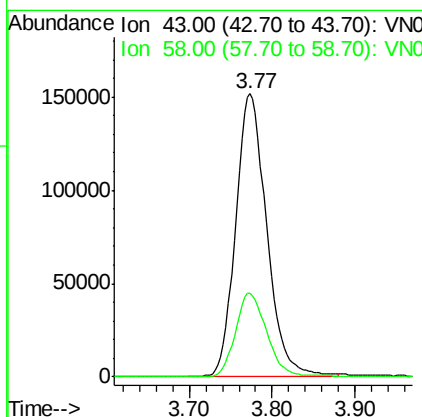
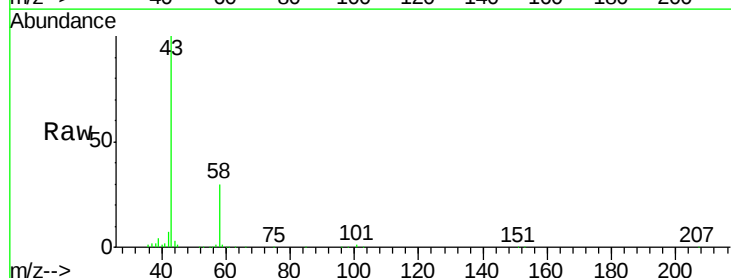
RT: 3.77 min Scan# 622

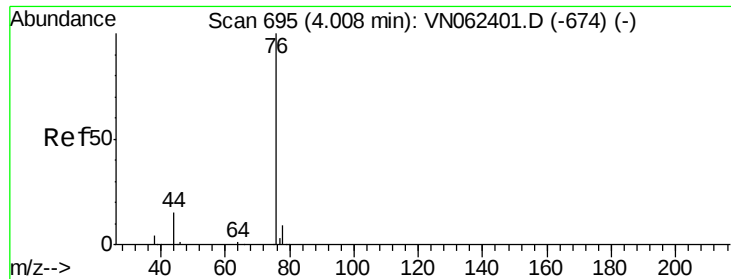
Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Tgt Ion:	43	Resp:	393952
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.5	35.3





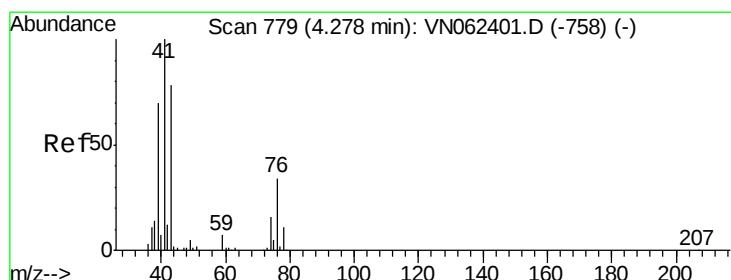
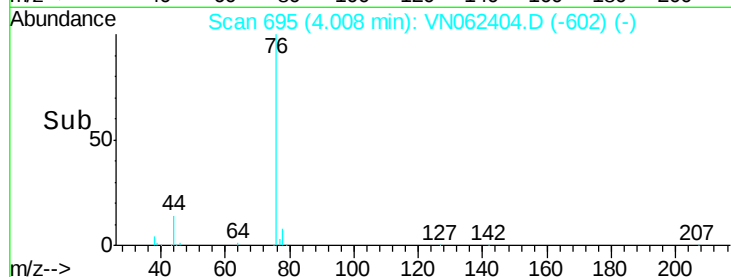
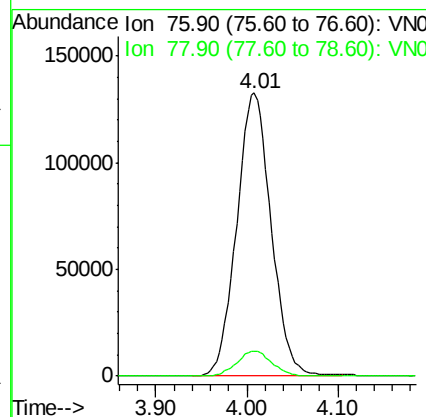
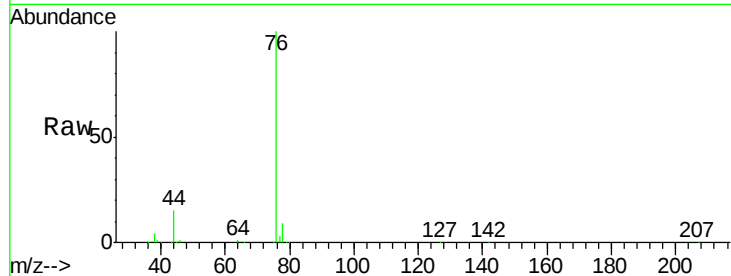
#17
Carbon Disulfide
Concen: 50.613 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

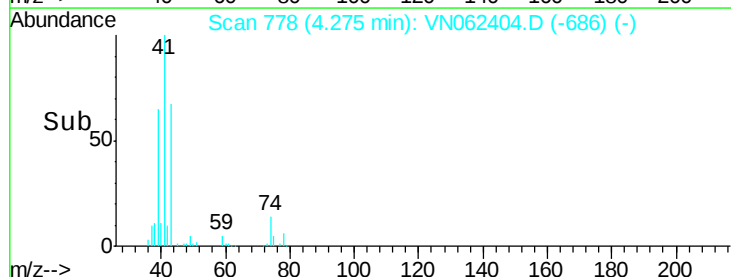
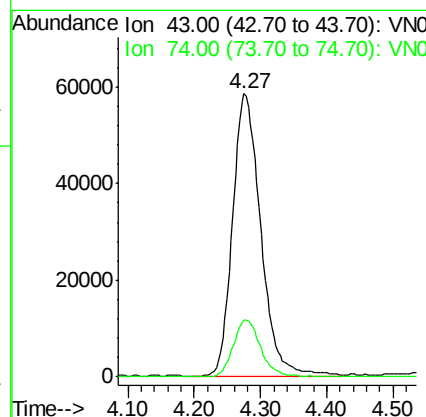
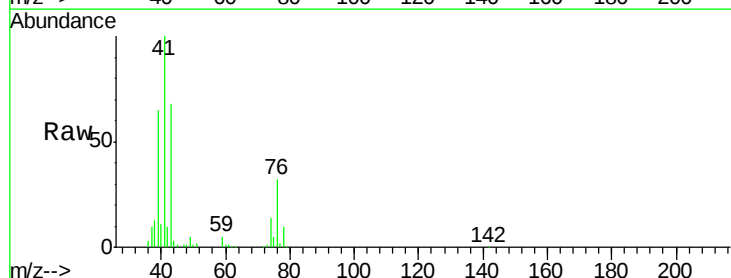
Manual Integrations
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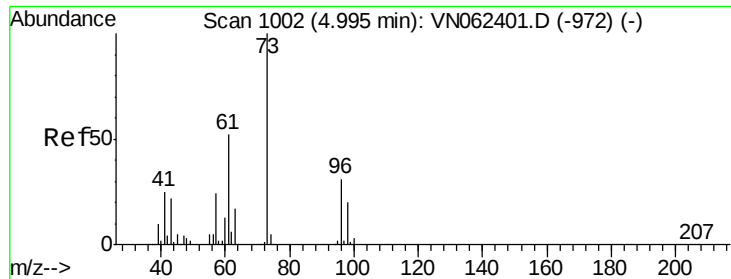
MMDadoda
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#18
Methyl Acetate
Concen: 49.428 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.5	16.0	24.0





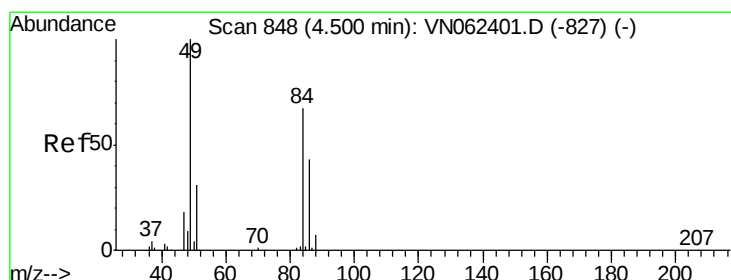
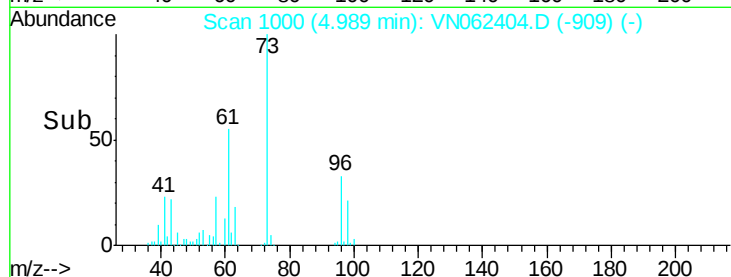
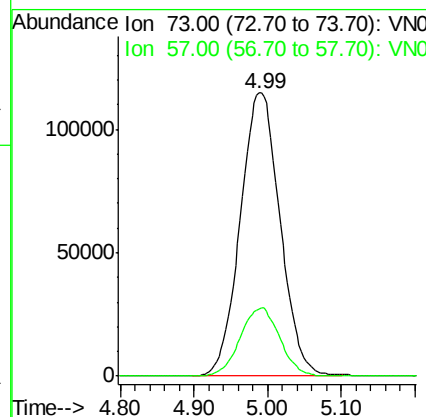
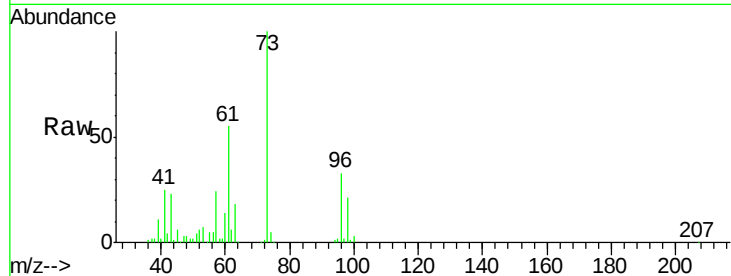
#19
Methvl tert-butvl Ether
Concen: 51.802 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion: 73 Resp: 431939
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.0

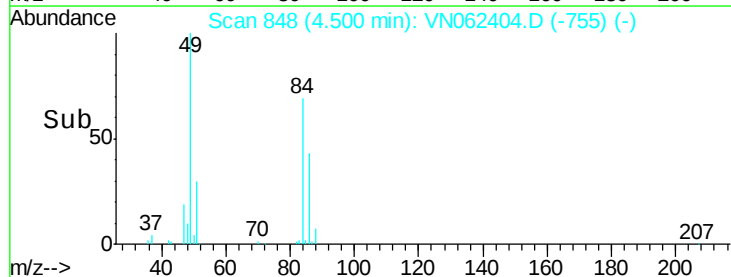
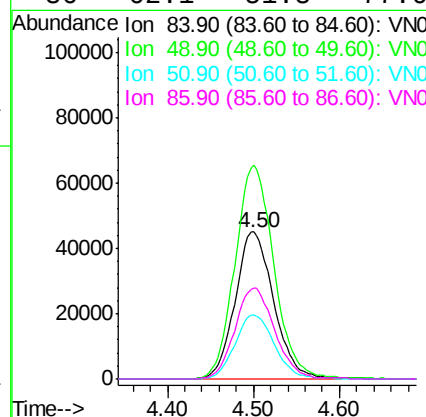
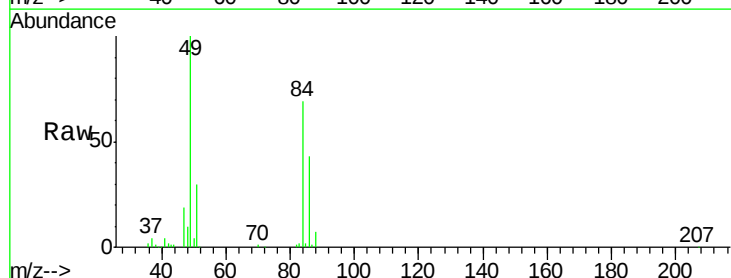
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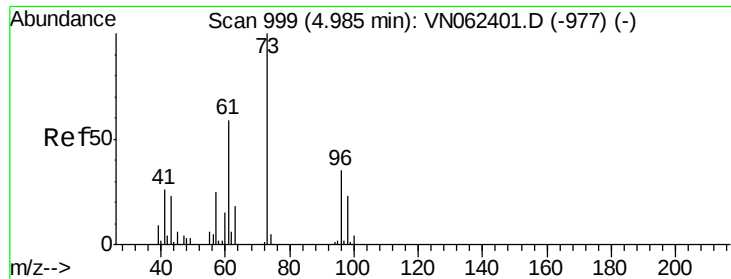
MMDadoda
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#20
Methylene Chloride
Concen: 46.959 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 84 Resp: 140487
Ion Ratio Lower Upper
84 100
49 145.3 120.0 180.0
51 43.7 37.0 55.6
86 62.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 52.057 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

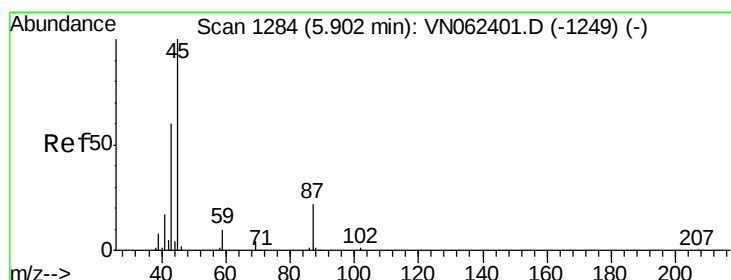
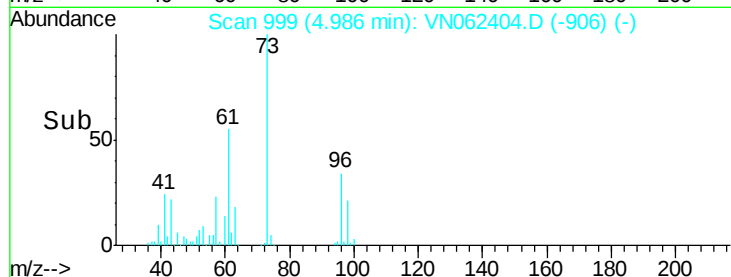
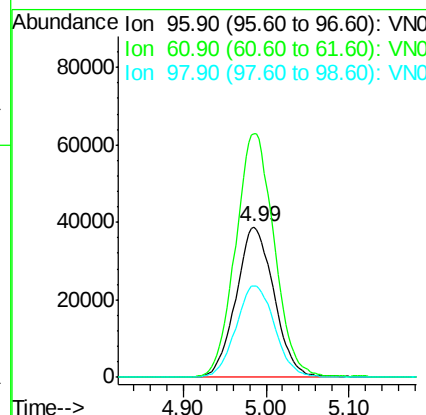
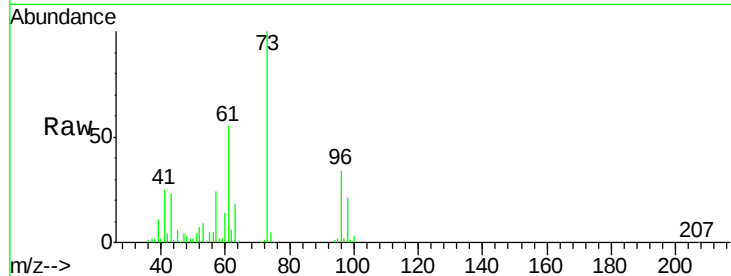
ClientSampleId :

ICVVN070820

Tot Ion:	96	Resp:	124032
Ion	Ratio	Lower	Upper
96	100		
61	161.9	133.5	200.3
98	61.1	51.9	77.9

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#22

Diisopropyl ether

Concen: 52.696 ug/l

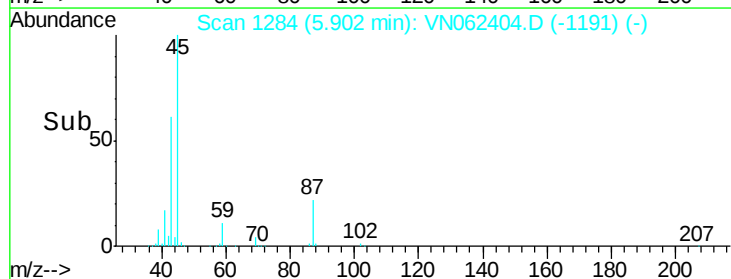
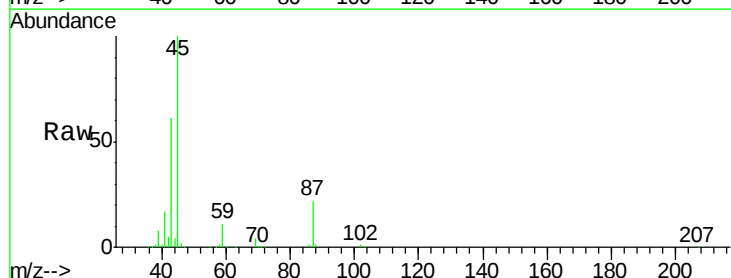
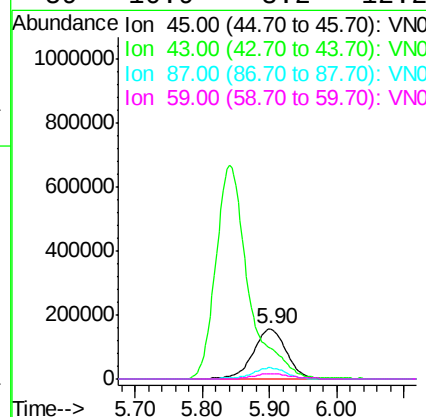
RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Tgt Ion:	45	Resp:	538508
Ion	Ratio	Lower	Upper
45	100		
43	58.7	50.1	75.1
87	22.1	18.2	27.4
59	10.9	8.2	12.2





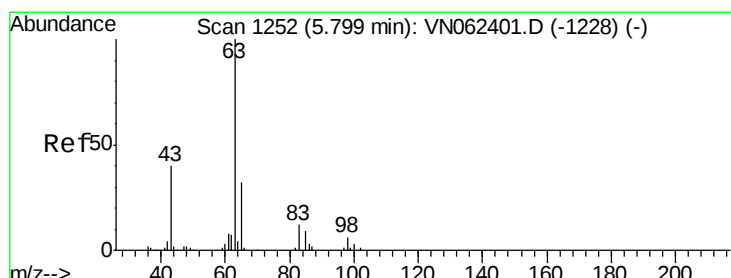
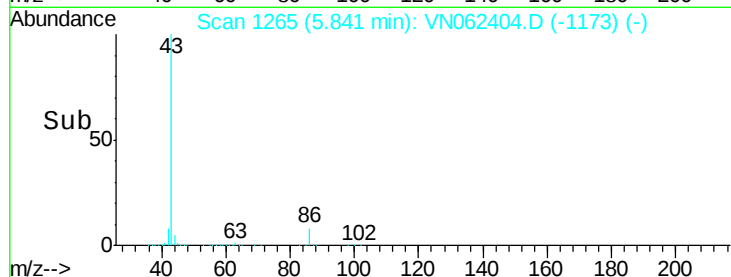
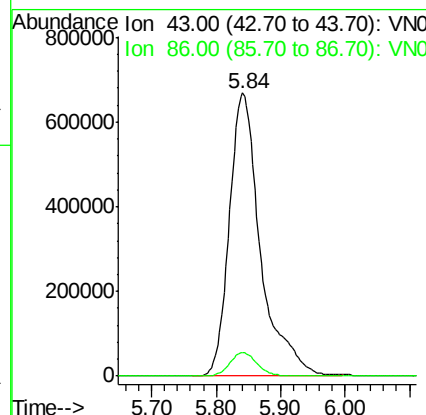
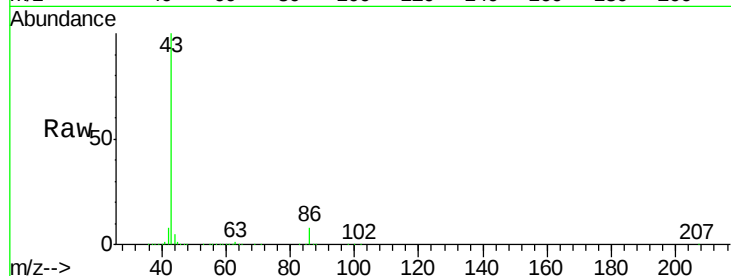
#23
 Vinyl Acetate
 Concen: 266.420 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

Tot Ion: 43 Resp: 2255337
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.7 10.1

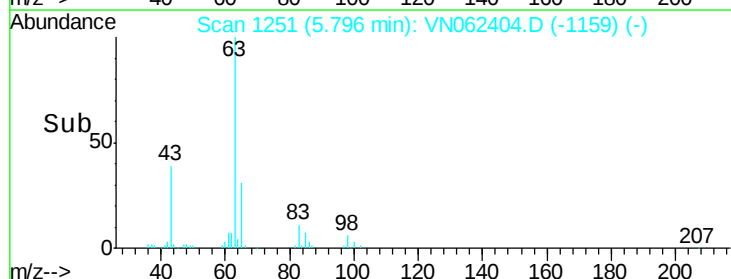
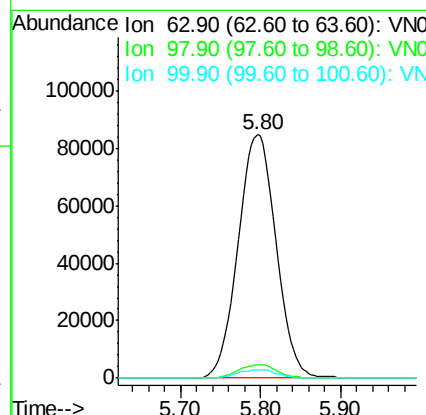
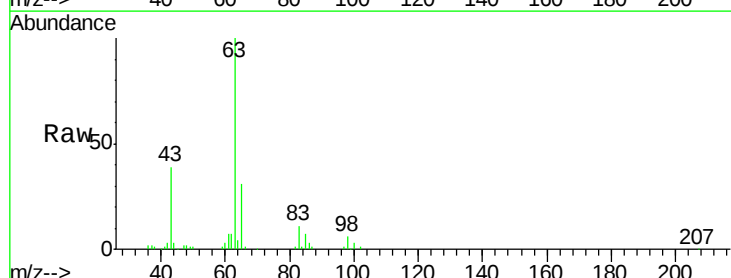
Manual Integrations
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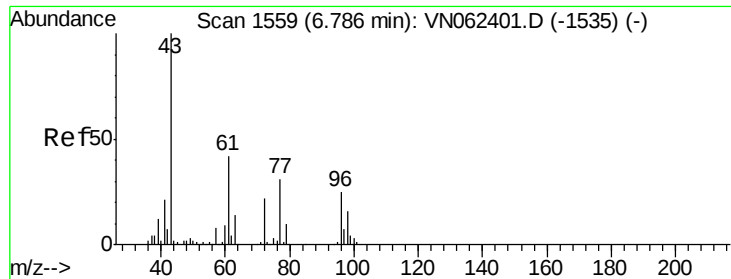
MMDadoda
 7/9/2020 10:52:37 AM



#24
 1,1-Dichloroethane
 Concen: 51.681 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion: 63 Resp: 272909
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.8
 100 3.4 1.8 5.3





#25

2-Butanone

Concen: 267.697 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

Tot Ion: 43 Resp: 547040

Ion Ratio Lower Upper

43 100

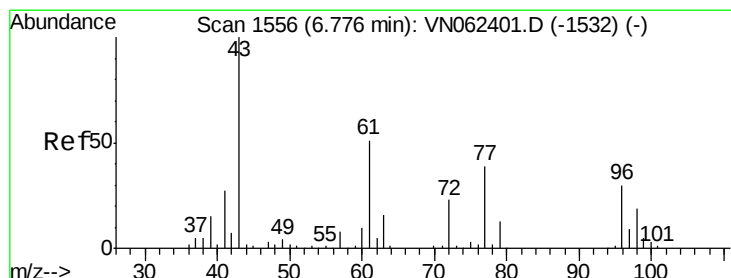
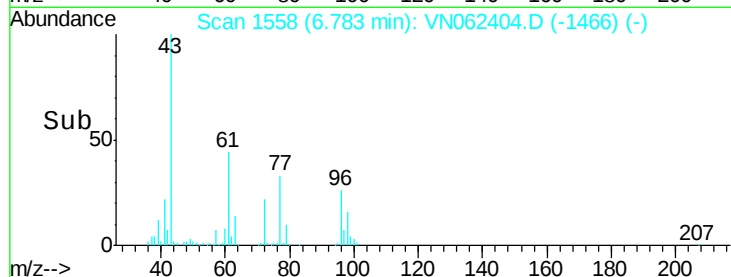
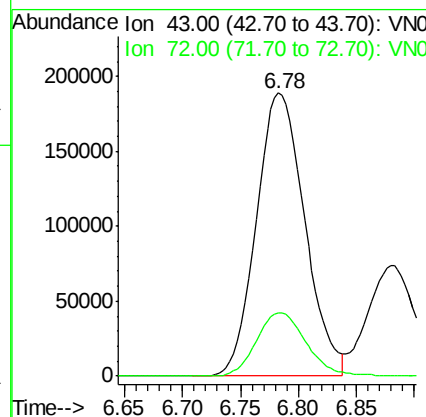
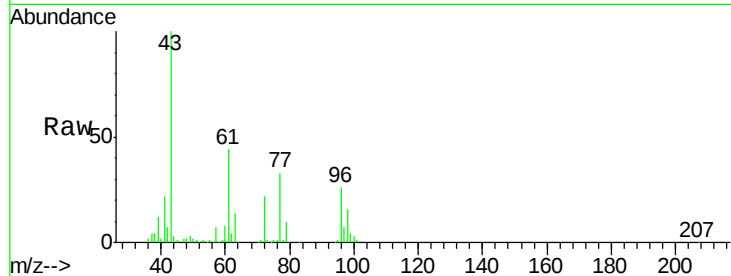
72 22.4 17.9 26.9

Manual Integrations

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MMDadoda

7/9/2020 10:52:37 AM



#26

2,2-Dichloropropane

Concen: 53.146 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062404.D

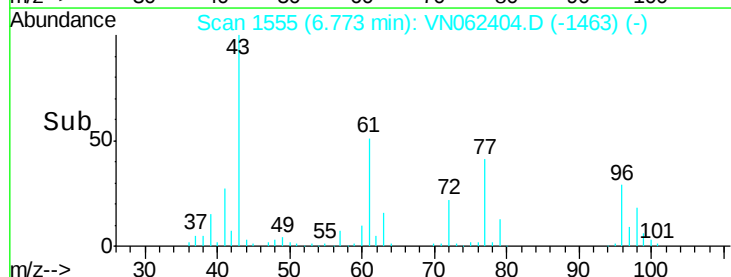
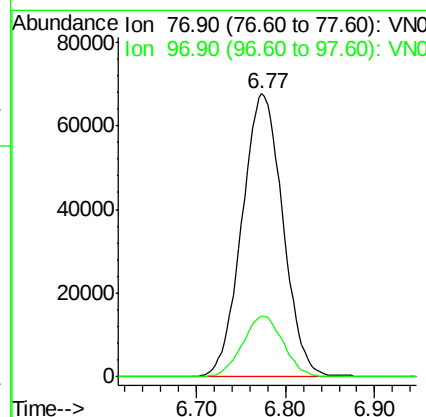
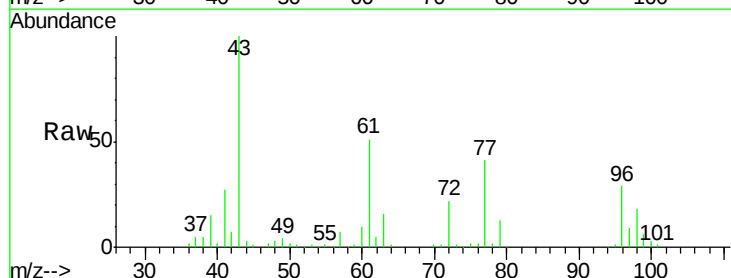
Acq: 8 Jul 2020 13:09

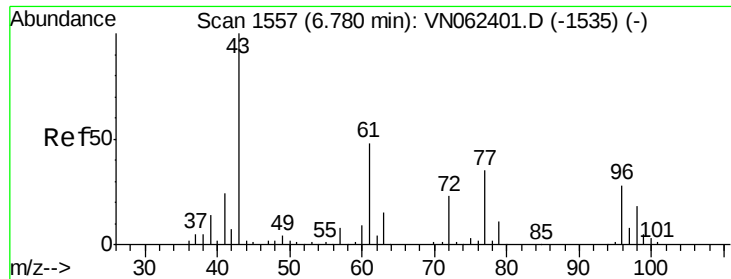
Tgt Ion: 77 Resp: 215183

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.169 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

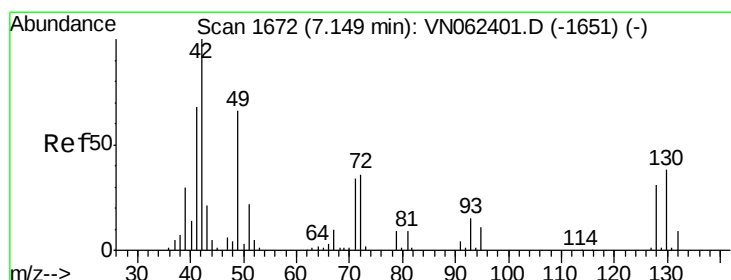
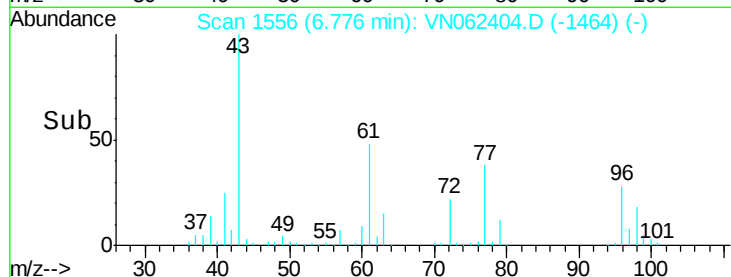
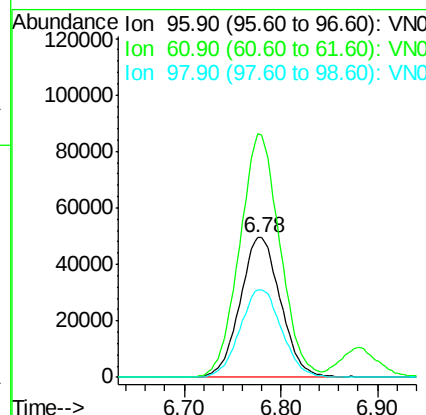
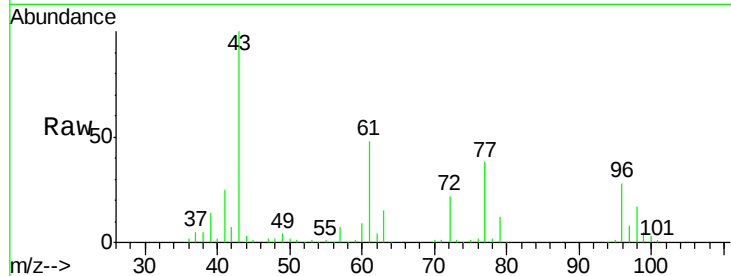
ClientSampleId :

ICVVN070820

Tot Ion:	96	Resp:	143973
Ion	Ratio	Lower	Upper
96	100		
61	173.2	0.0	343.4
98	64.7	0.0	128.4

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7/9/2020 10:52:37 AM



#28

Bromochloromethane

Concen: 48.362 ug/l

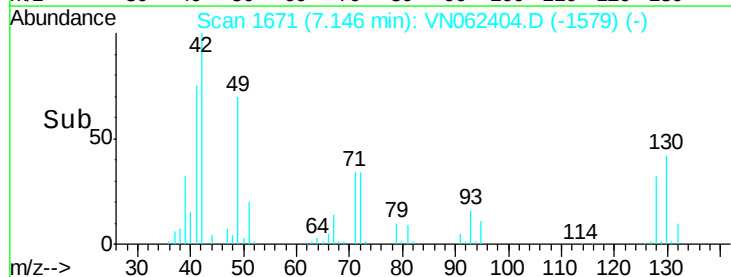
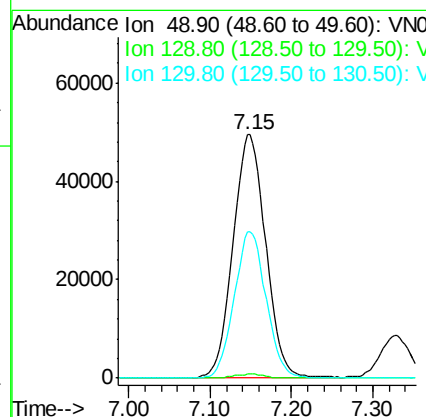
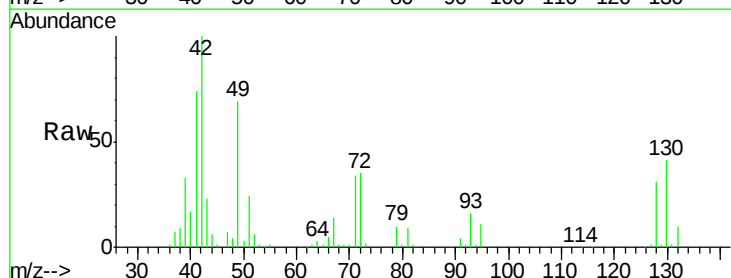
RT: 7.15 min Scan# 1671

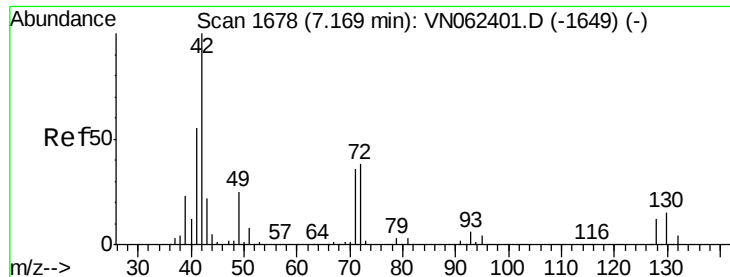
Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Tgt Ion:	49	Resp:	138748
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.8
130	58.4	46.5	69.7





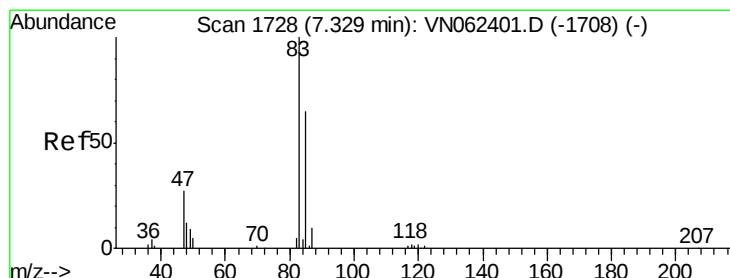
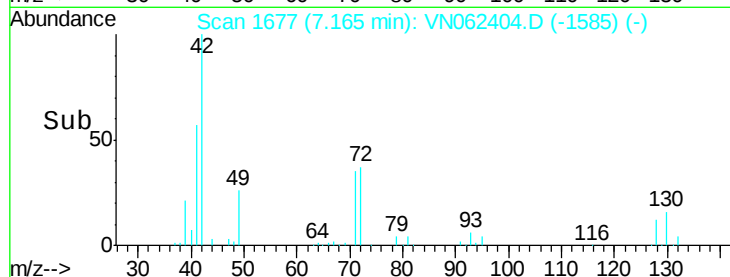
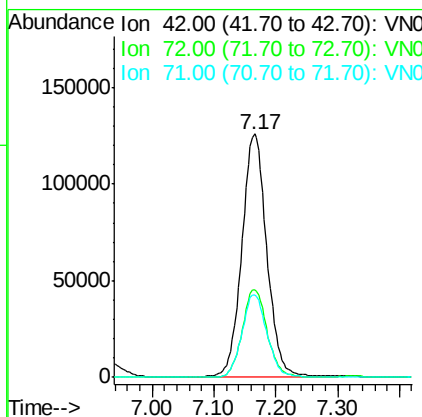
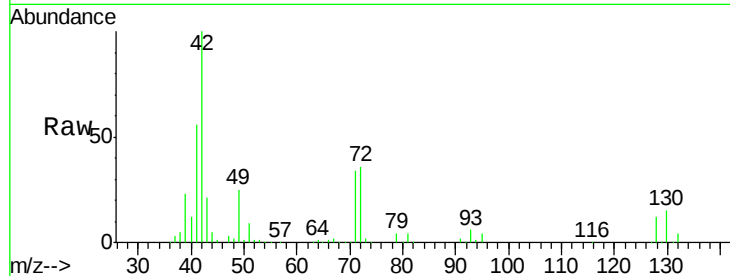
#29
Tetrahydrofuran
Concen: 258.087 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.7	29.1	43.7
71	33.8	28.1	42.1

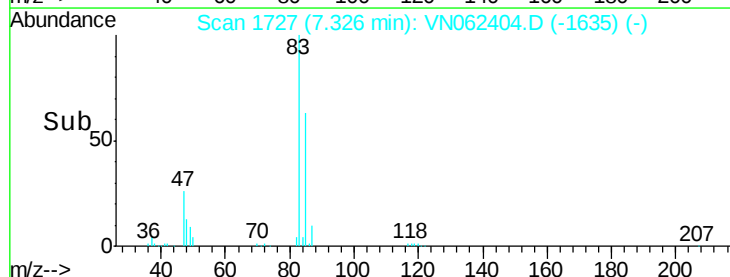
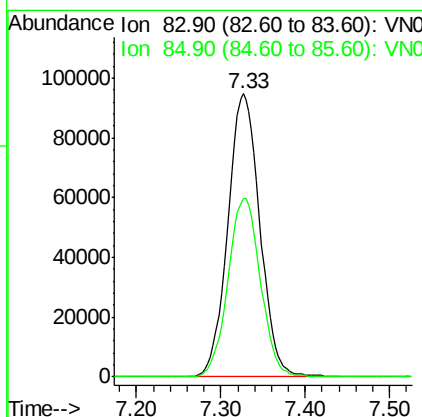
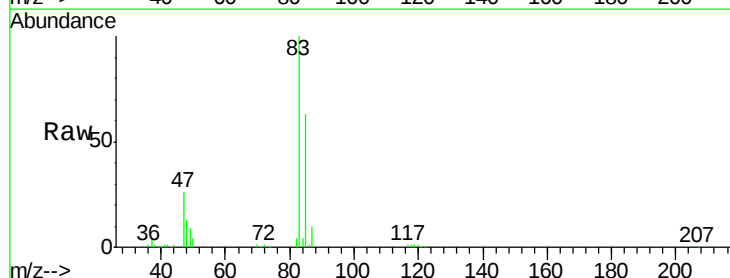
Manual Integrations
APPROVED

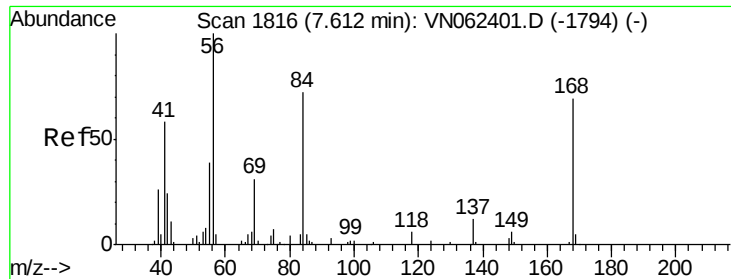
MMDadoda
7/9/2020 10:52:37 AM



#30
Chloroform
Concen: 52.405 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.6





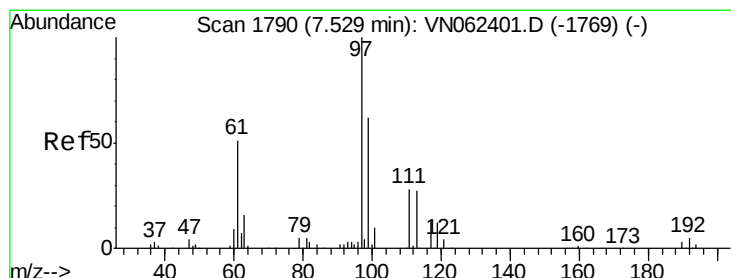
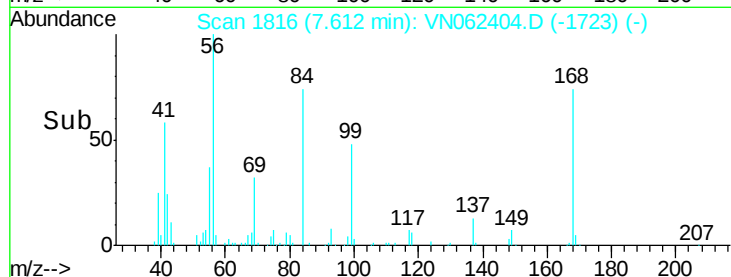
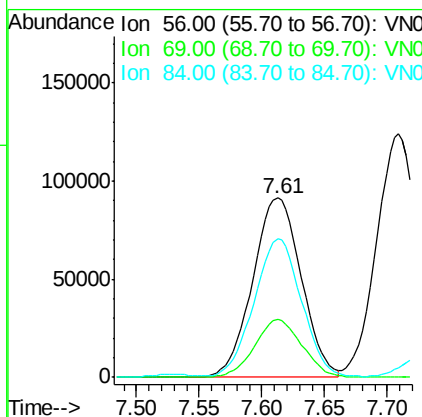
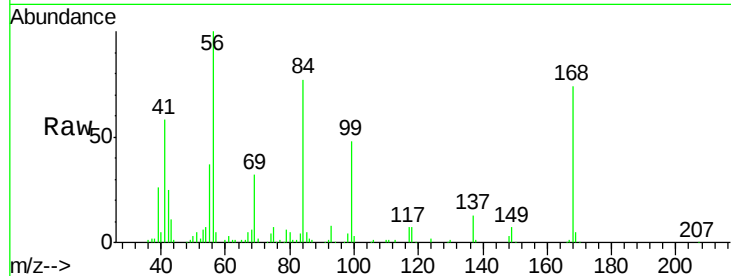
#31
Cvclohexane
Concen: 49.233 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.5	36.7
84	76.1	57.4	86.2

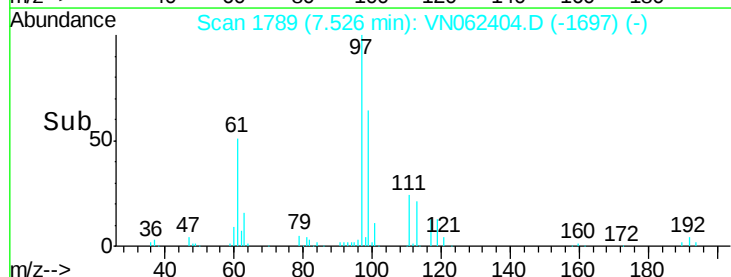
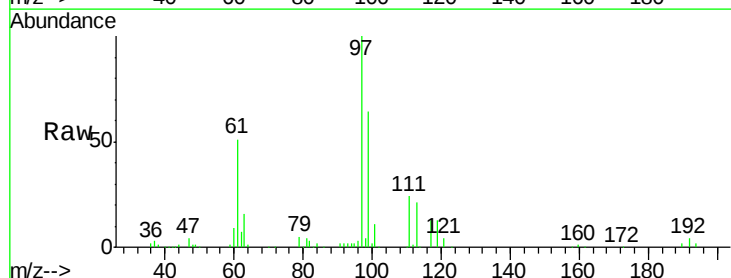
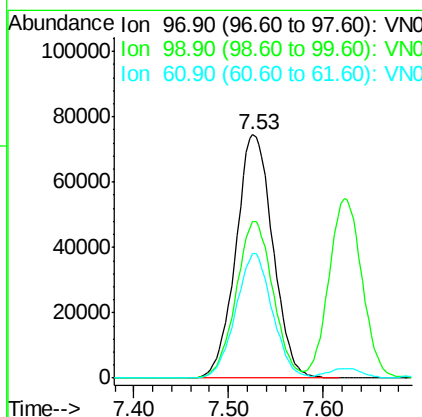
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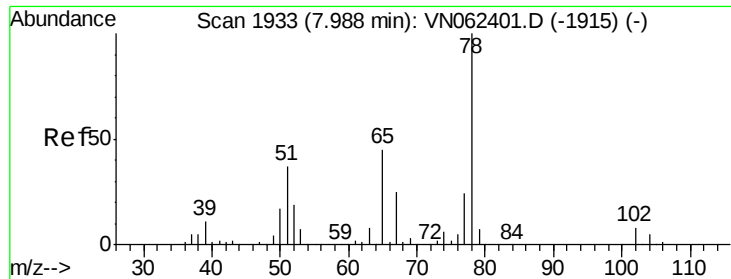
MMDadoda
7/9/2020 10:52:37 AM



#32
1,1,1-Trichloroethane
Concen: 51.087 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.4	75.6
61	50.6	39.9	59.9





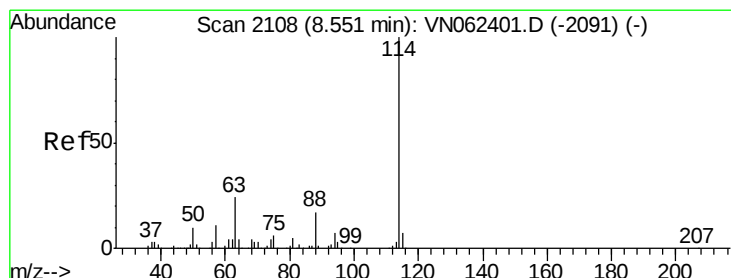
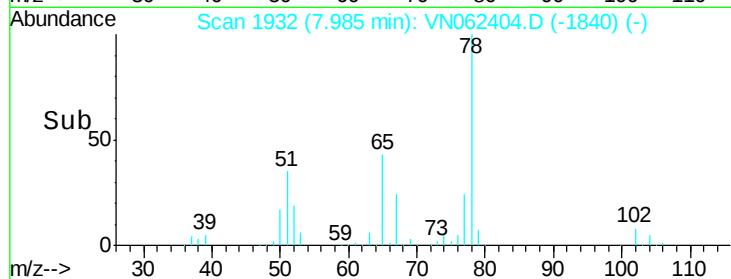
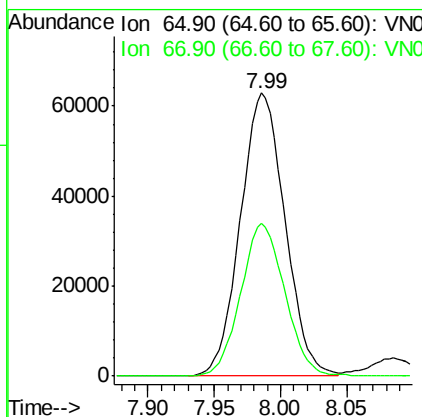
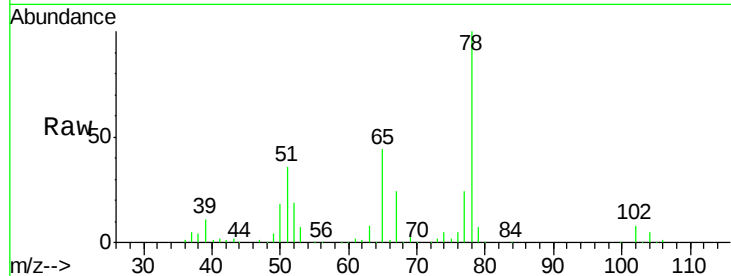
#33
 1,2-Dichloroethane-d4
 Concen: 44.656 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	107.6	

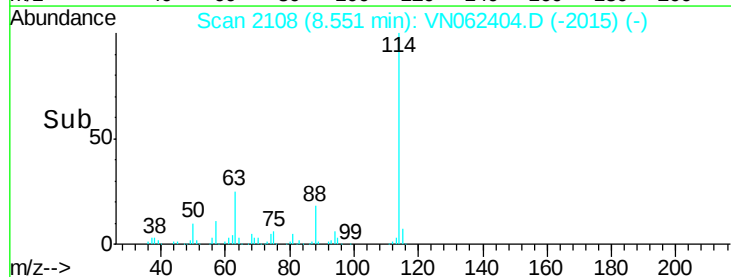
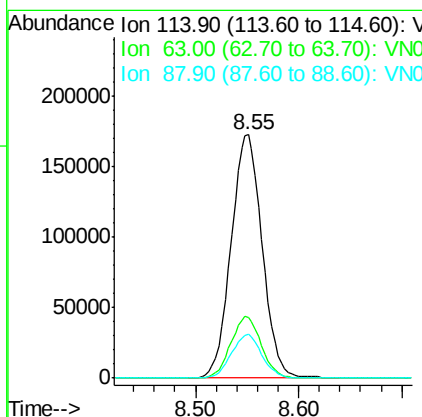
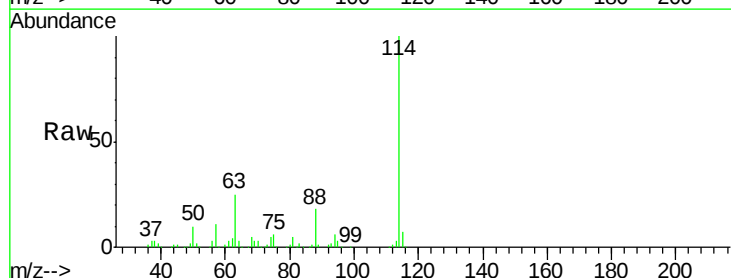
Manual Integrations
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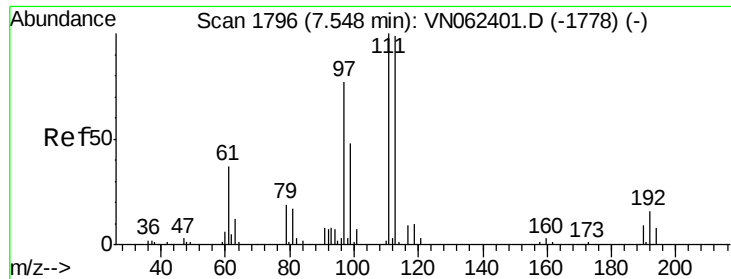
MMDadoda
 7/9/2020 10:52:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	24.9	0.0	48.4	
88	17.8	0.0	33.8	





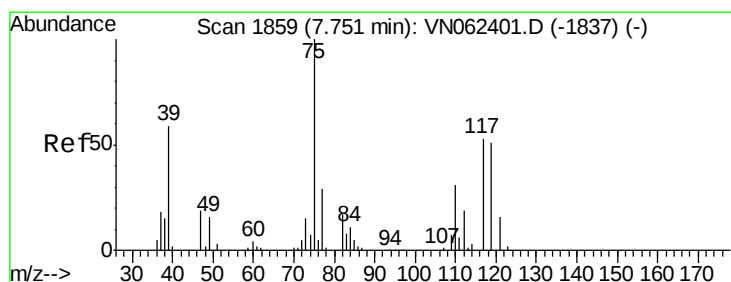
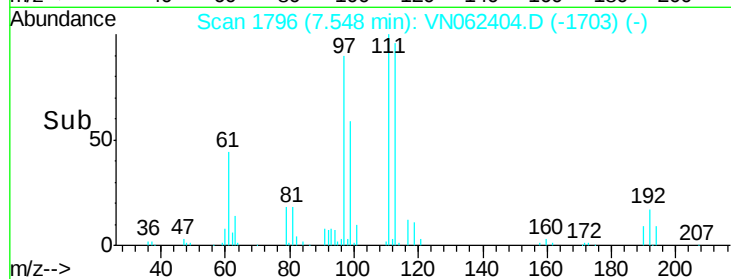
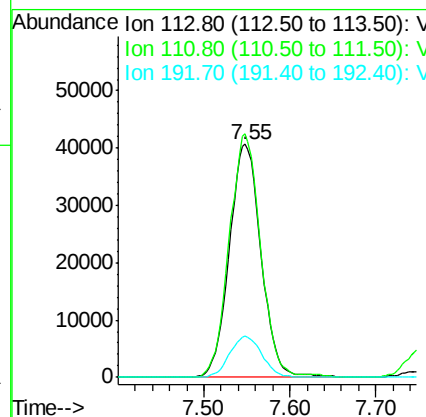
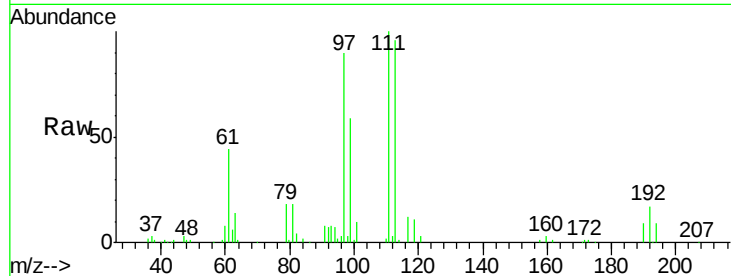
#35
 Dibromofluoromethane
 Concen: 46.536 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN070820

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104011		
111	102.8	83.1	124.7	
192	17.8	14.1	21.1	

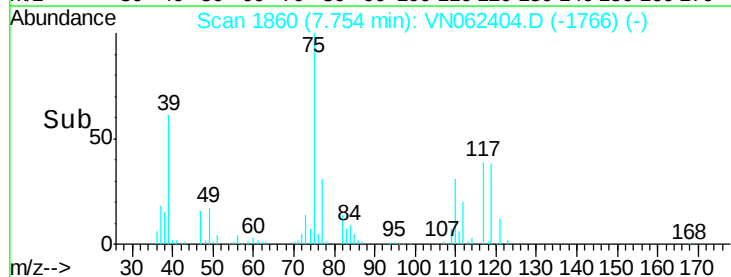
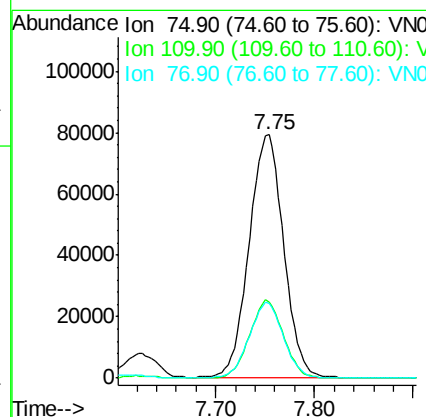
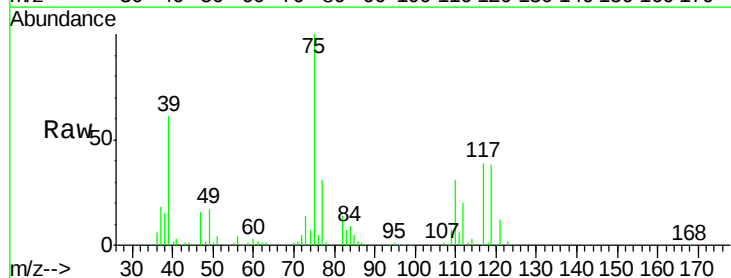
Manual Integrations
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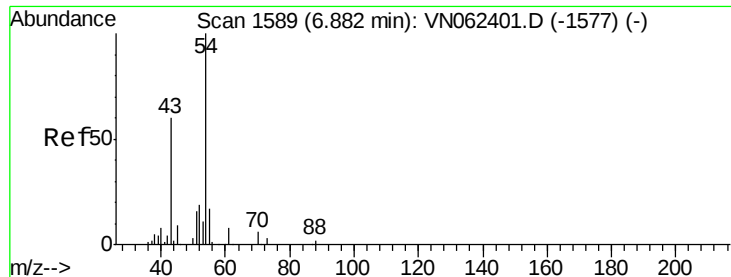
MMDadoda
 7/9/2020 10:52:37 AM



#36
 1,1-Dichloropropene
 Concen: 52.475 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	191159		
110	31.4	15.4	46.2	
77	31.0	24.1	36.1	





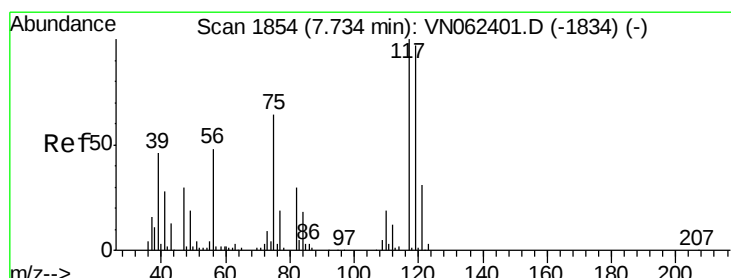
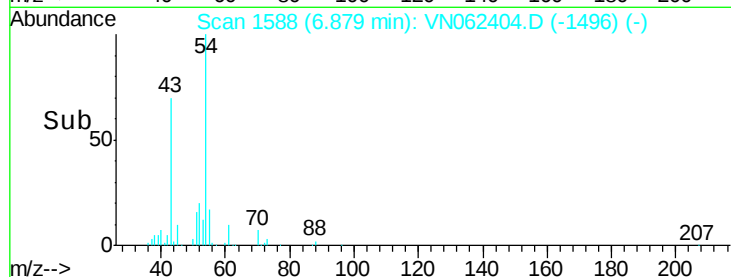
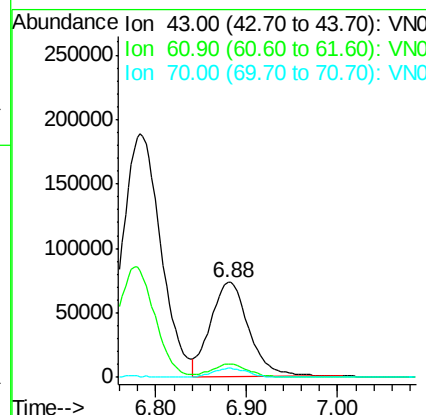
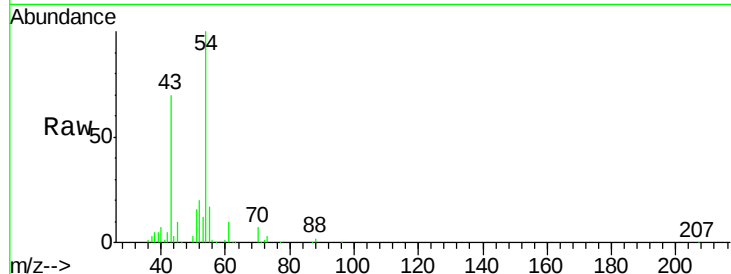
#37
Ethyl Acetate
Concen: 50.573 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion	43	Resp	215422
Ion Ratio	100	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	8.9	7.2	10.8

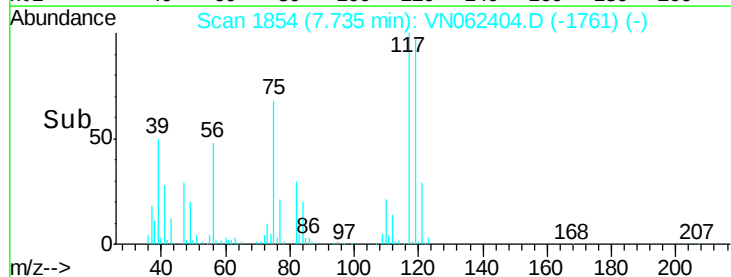
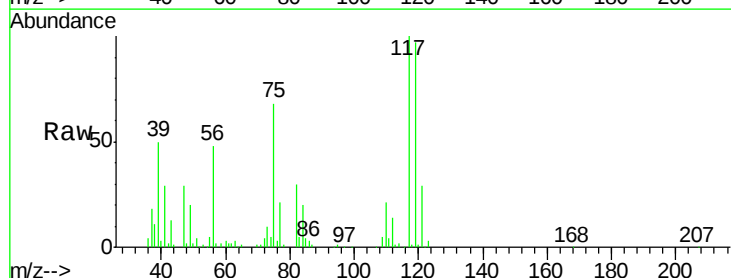
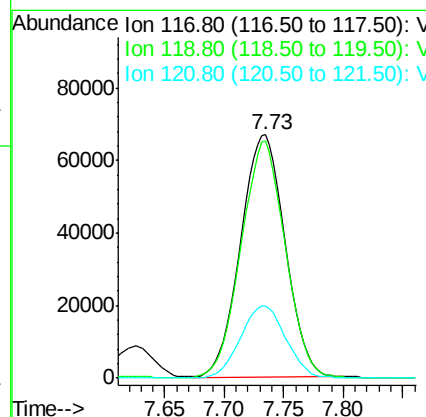
Manual Integrations
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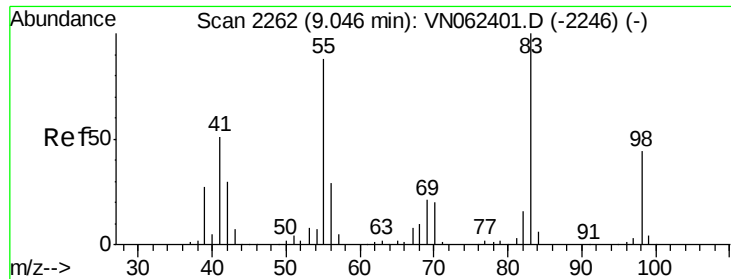
MMDadoda
7/9/2020 10:52:37 AM



#38
Carbon Tetrachloride
Concen: 52.885 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	117	Resp	173203
Ion Ratio	100	Lower	Upper
117	100		
119	97.5	77.2	115.8
121	29.6	24.8	37.2





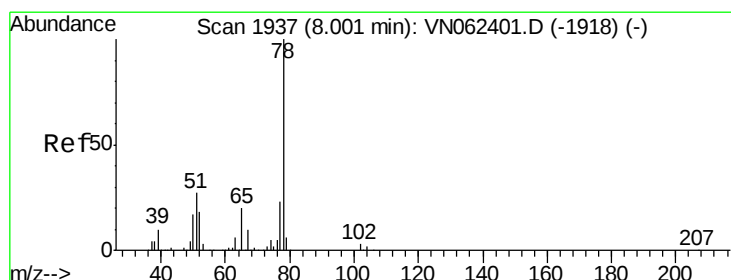
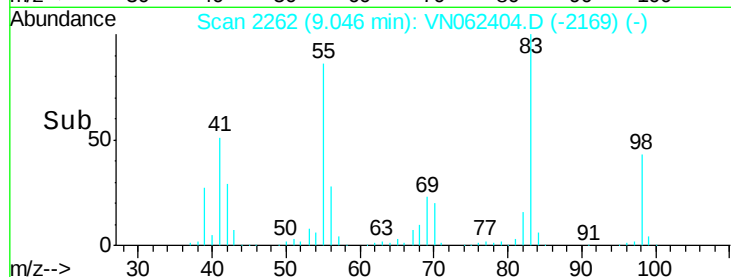
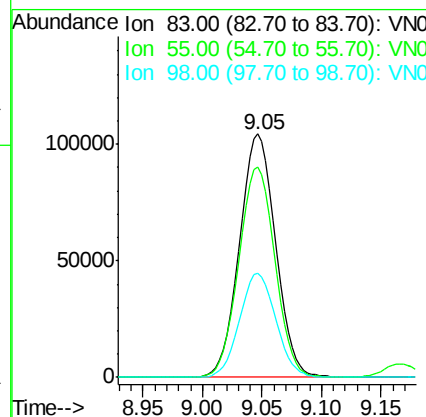
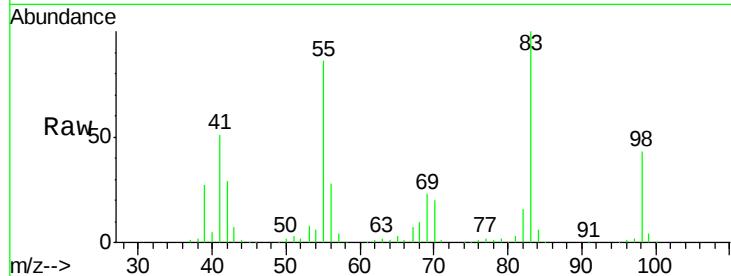
#39
Methvlcvclohexane
Concen: 56.492 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.5	70.5	105.7
98	42.8	35.5	53.3

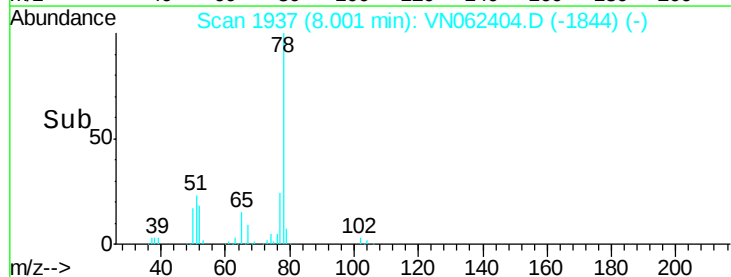
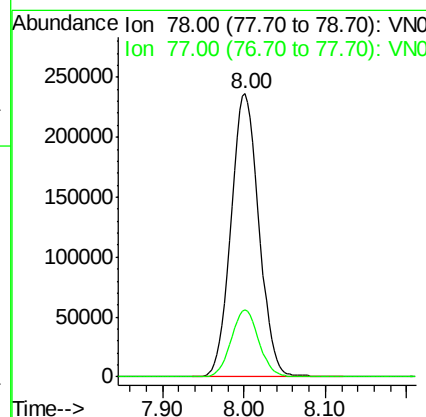
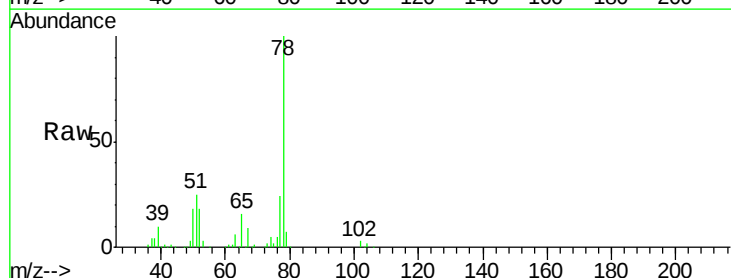
Manual Integrations
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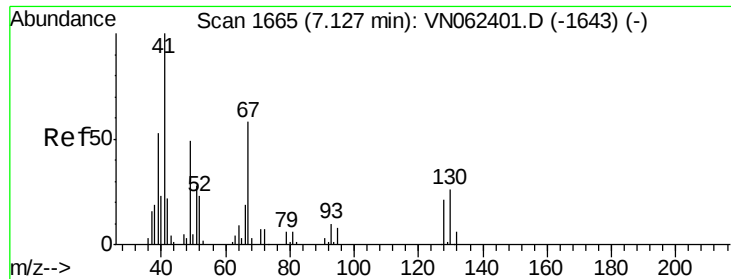
MMDadoda
7/9/2020 10:52:37 AM



#40
Benzene
Concen: 52.974 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





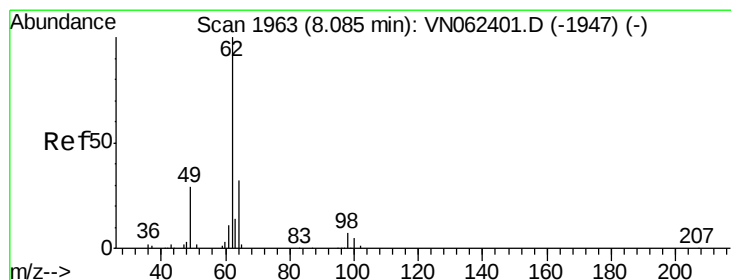
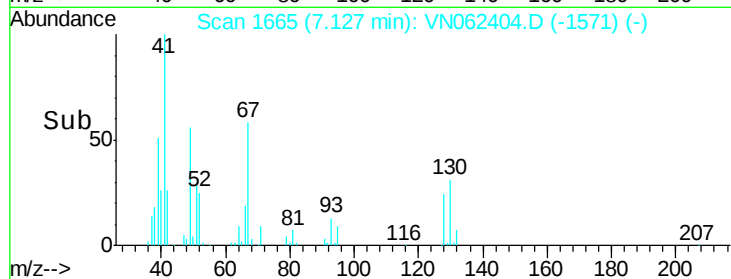
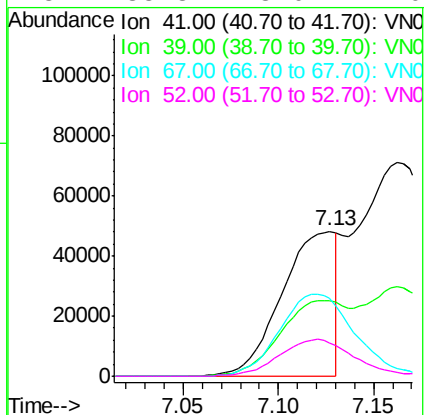
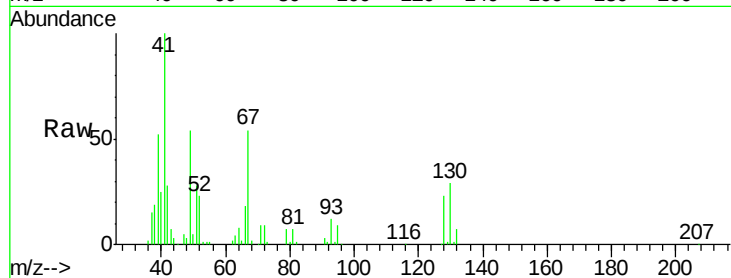
#41
Methacrylonitrile
Concen: 53.682 ug/l m
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion	41	Resp	95539
Ion	Ratio	Lower	Upper
41	100		
39	62.7	50.2	75.2
67	79.8	64.2	96.2
52	35.8	28.0	42.0

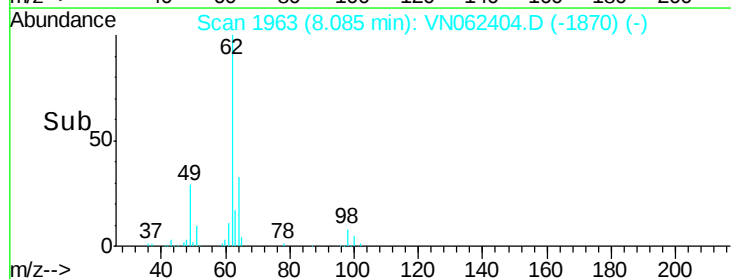
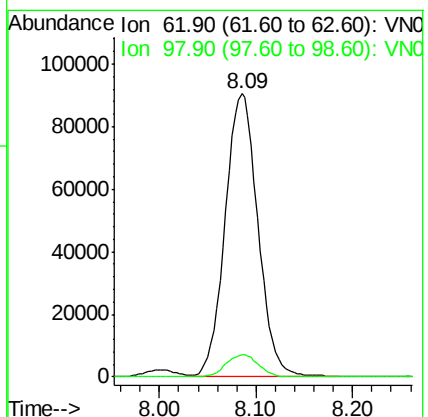
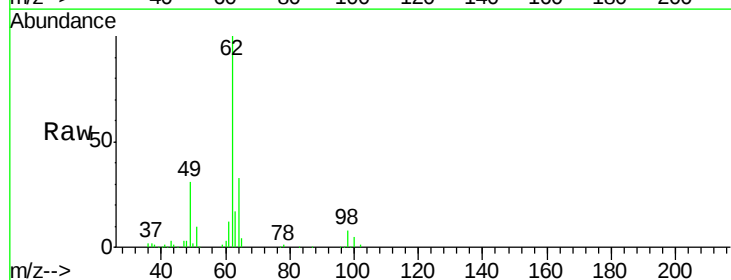
Manual Integrations
APPROVED

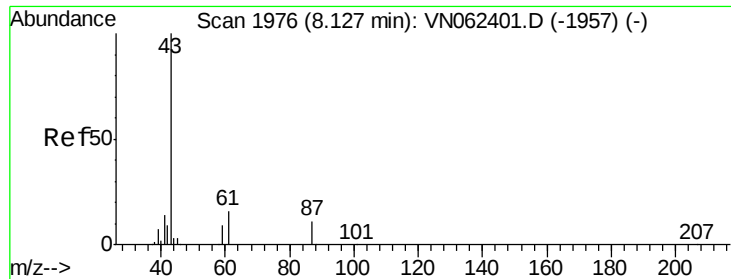
MMDadoda
7/9/2020 10:52:37 AM



#42
1,2-Dichloroethane
Concen: 53.989 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	62	Resp	212242
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8





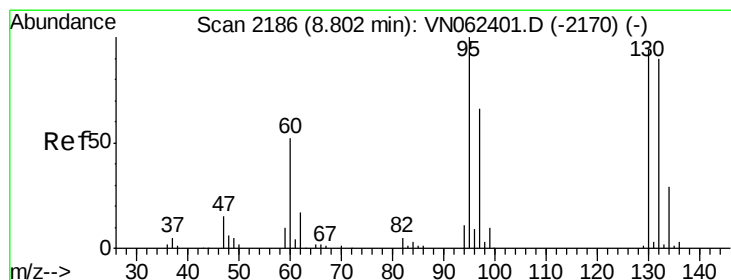
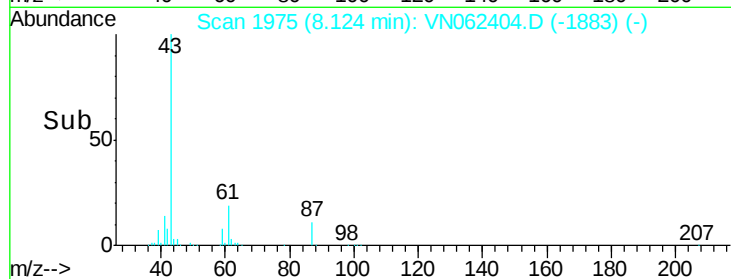
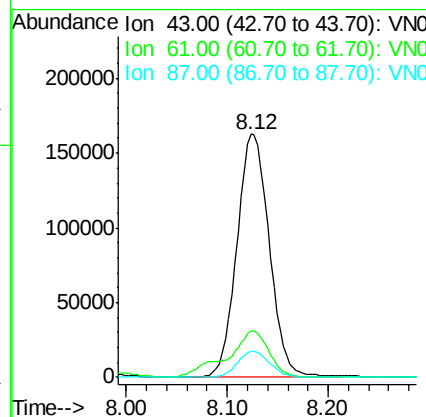
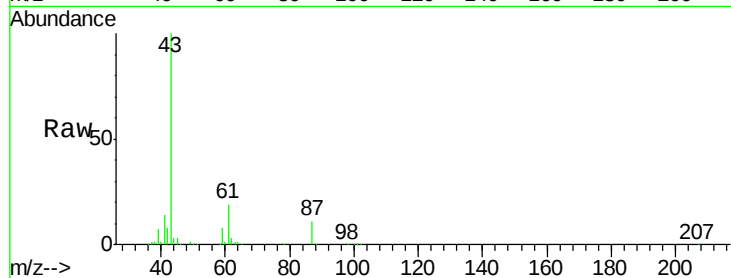
#43
Isopropyl Acetate
Concen: 53.671 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.0	19.3	28.9
87	10.8	8.6	13.0

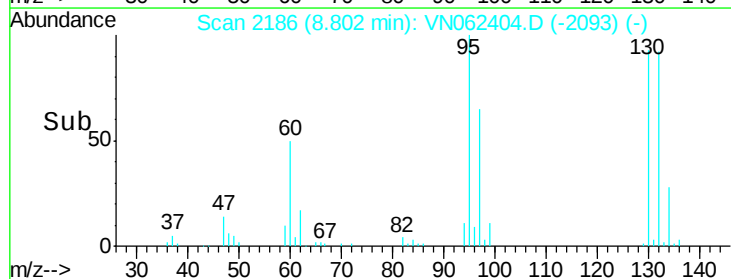
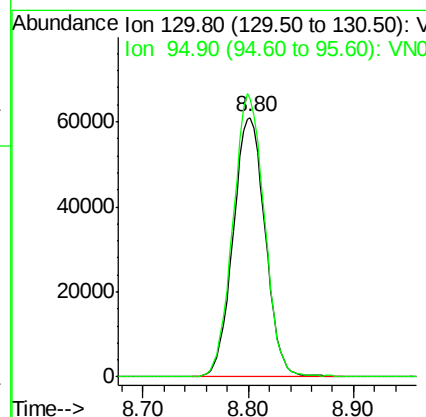
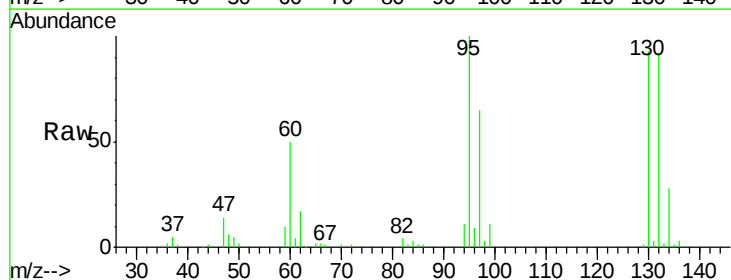
Manual Integrations
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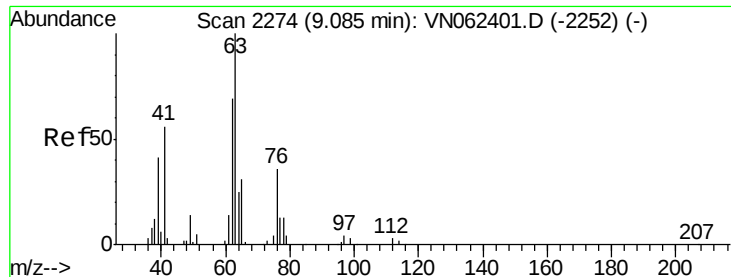
MMDadoda
7/9/2020 10:52:37 AM



#44
Trichloroethene
Concen: 53.859 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	213.8





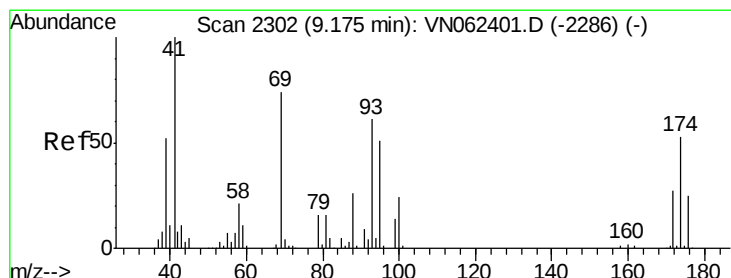
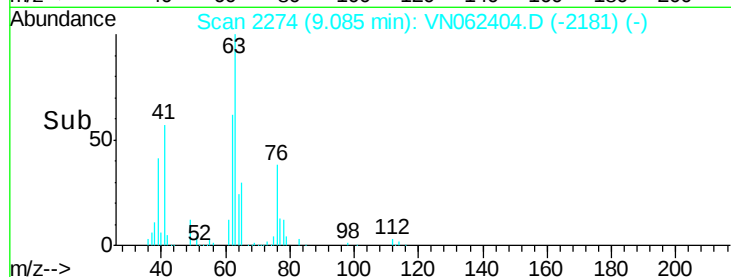
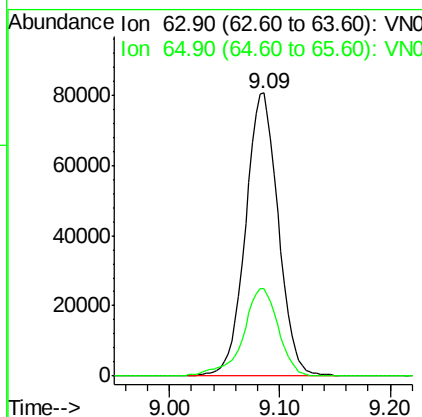
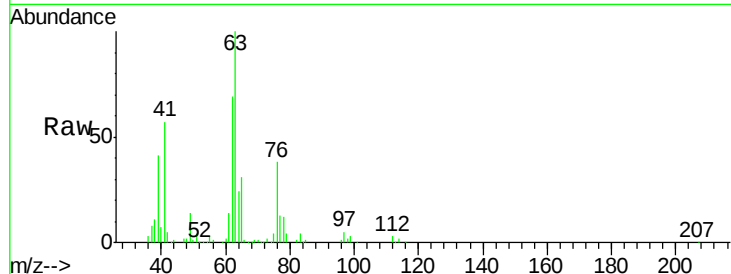
#45
 1,2-Dichloropropane
 Concen: 53.110 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

Tot Ion	Ratio	Resp	Lower	Upper
63	100	165530		
65	30.7	24.6	36.8	

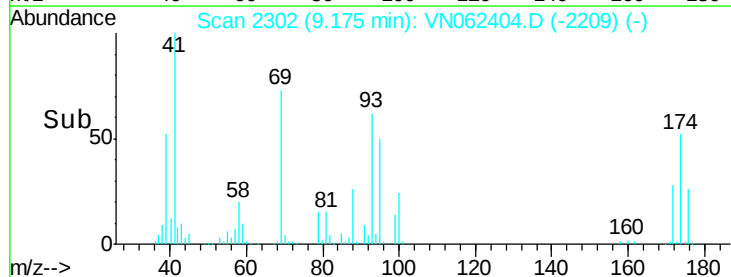
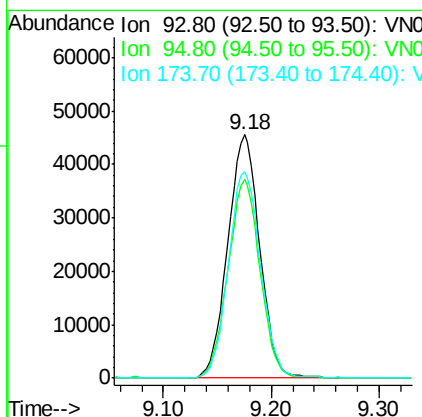
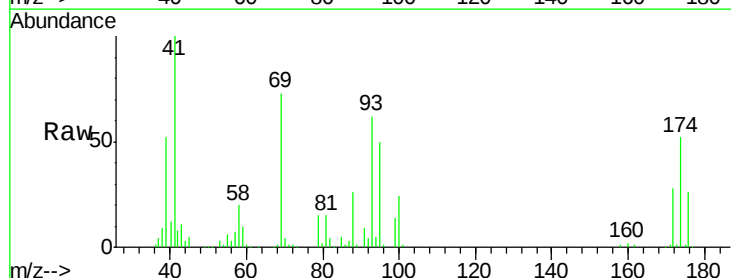
Manual Integrations
 APPROVED

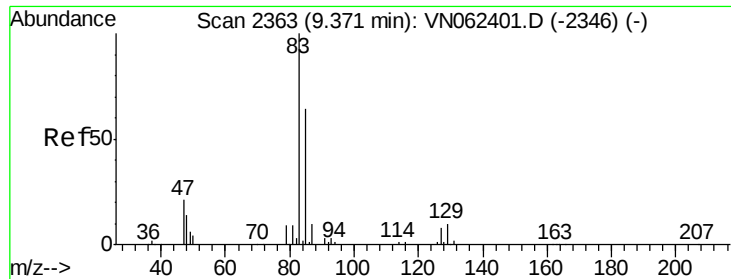
MMDadoda
 7/9/2020 10:52:37 AM



#46
 Dibromomethane
 Concen: 53.434 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	93981		
95	82.0	67.1	100.7	
174	85.8	70.4	105.6	





#47

Bromodichloromethane

Concen: 53.919 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

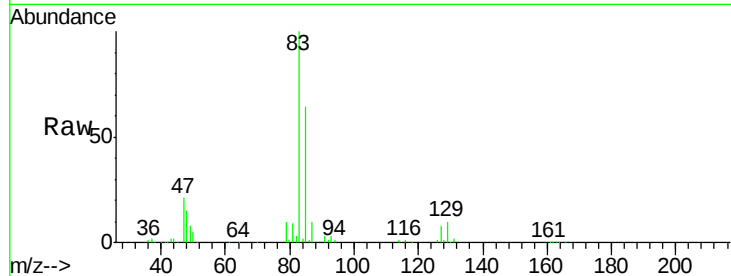
ClientSampled :

ICVVN070820

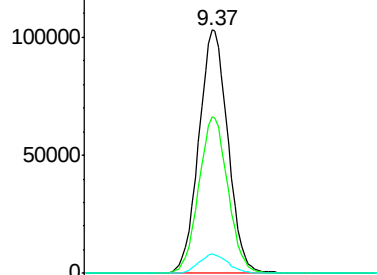
Tot Ion:	83	Resp:	202755
Ion Ratio	Lower	Upper	
83	100		
85	64.2	51.2	76.8
127	7.9	6.2	9.2

Manual Integrations
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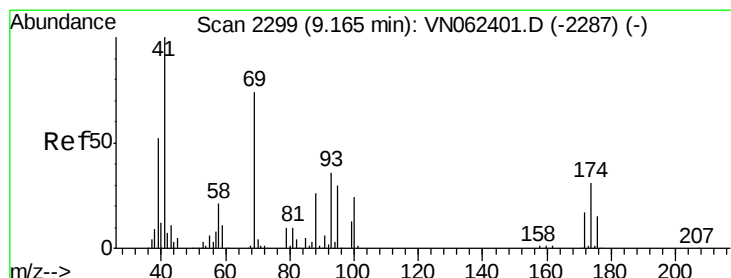
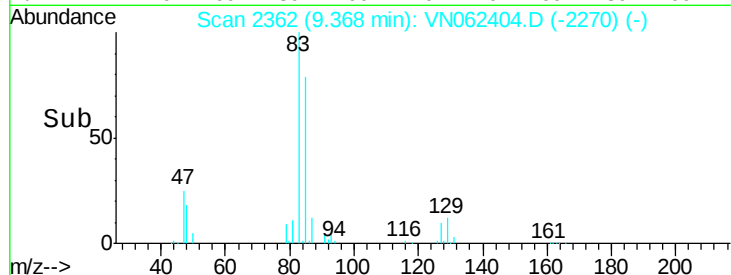
MMDadoda
7/9/2020 10:52:37 AM



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V



Time-->



#48

Methyl methacrylate

Concen: 53.986 ug/l

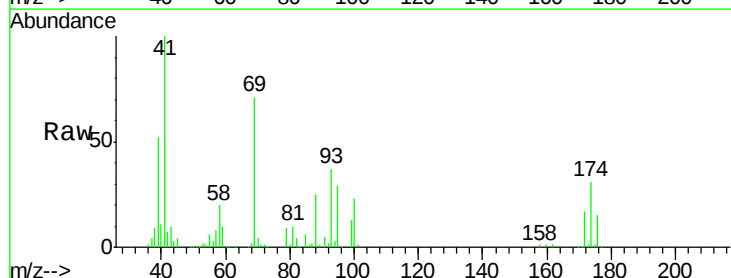
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

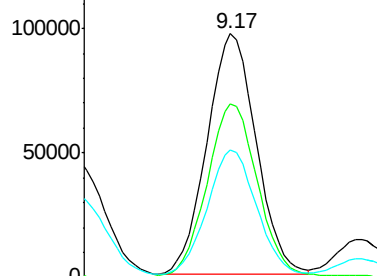
Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

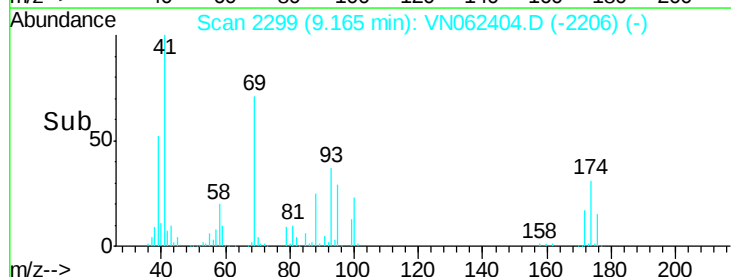
Tgt Ion:	41	Resp:	178197
Ion Ratio	Lower	Upper	
41	100		
69	74.8	60.8	91.2
39	54.0	43.5	65.3

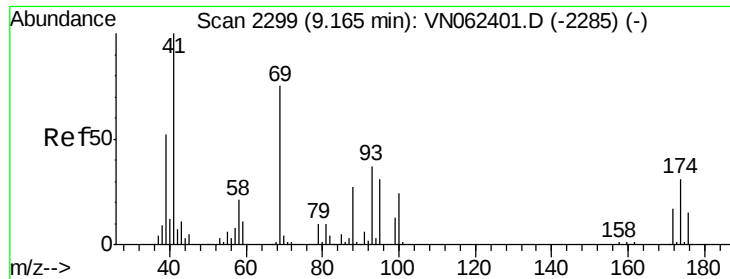


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



Time-->





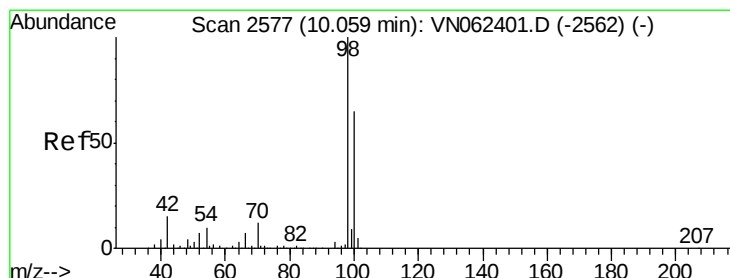
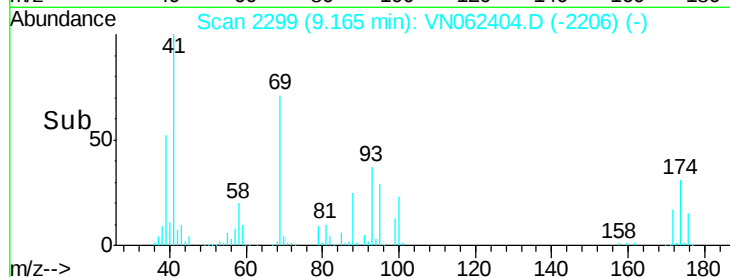
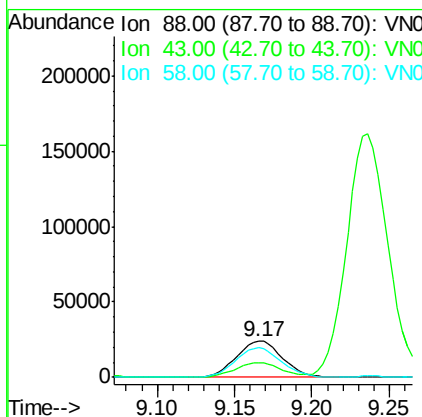
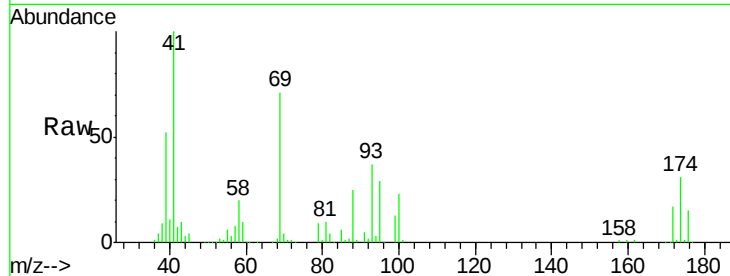
#49
1,4-Dioxane
Concen: 1041.070 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.3	31.0	46.4
58	80.5	63.3	94.9

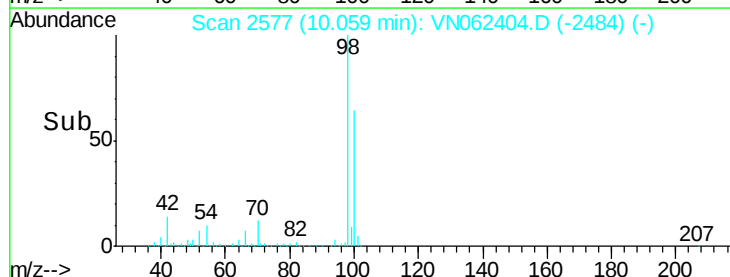
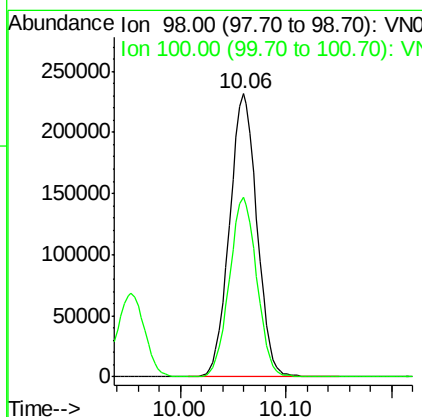
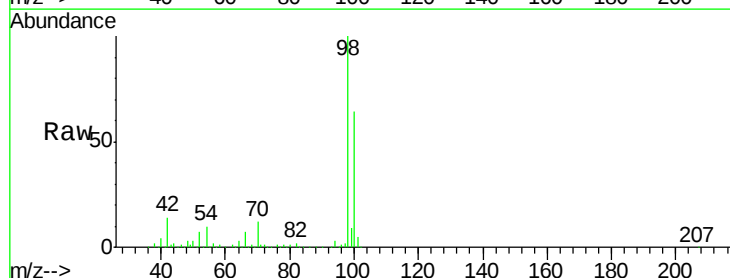
Manual Integrations
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#50
Toluene-d8
Concen: 47.125 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 270.796 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

ICVVN070820

Tot Ion: 43 Resp: 1088367

Ion Ratio Lower Upper

43 100

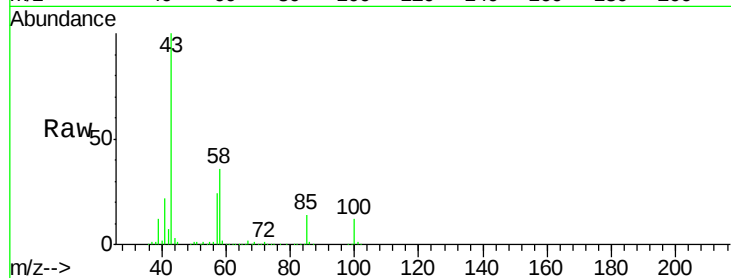
58 36.1 29.0 43.6

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

600000

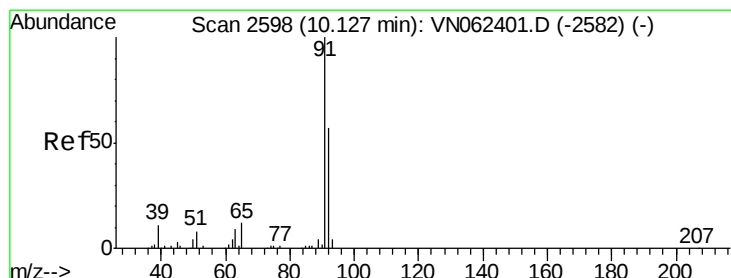
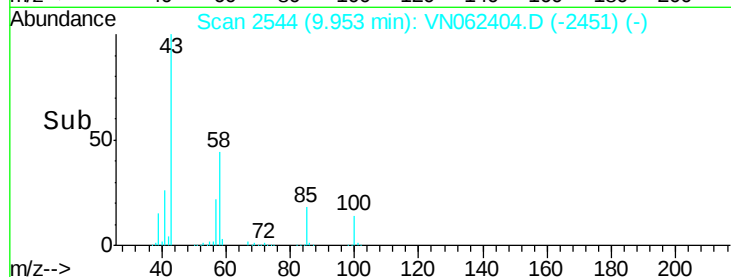
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 54.432 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062404.D

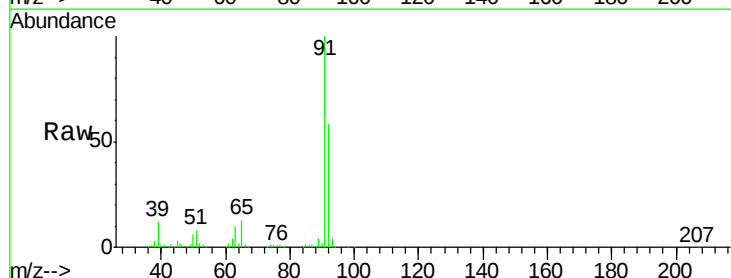
Acq: 8 Jul 2020 13:09

Tgt Ion: 92 Resp: 337556

Ion Ratio Lower Upper

92 100

91 174.6 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

300000

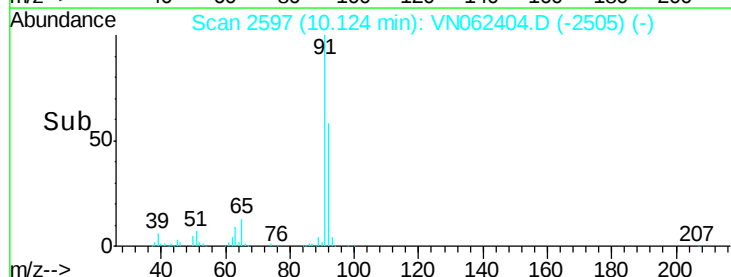
200000

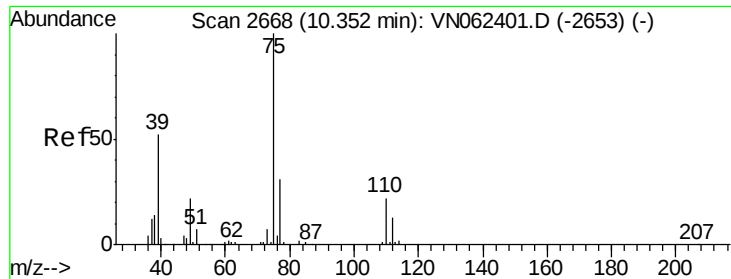
100000

0

10.10 10.12 10.20

Time-->





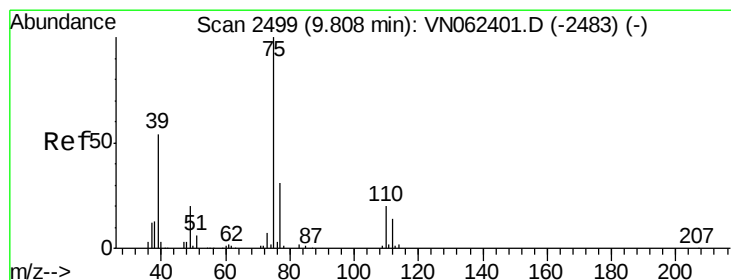
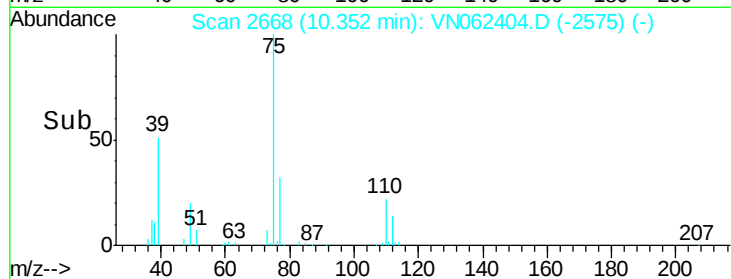
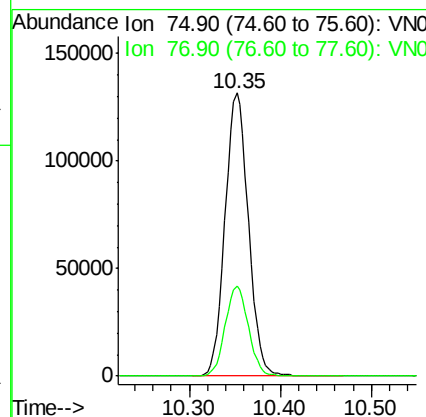
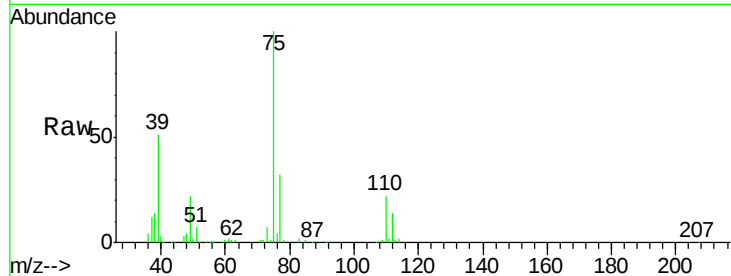
#53
t-1,3-Dichloropropene
Concen: 55.853 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion: 75 Resp: 235303
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8

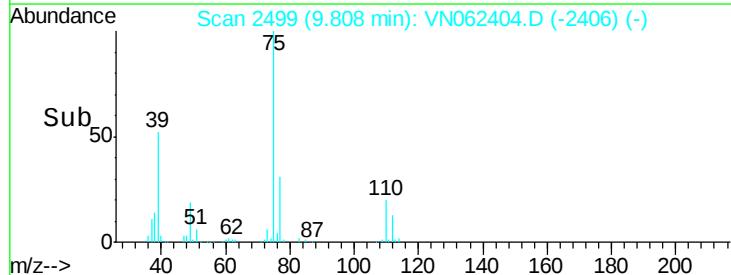
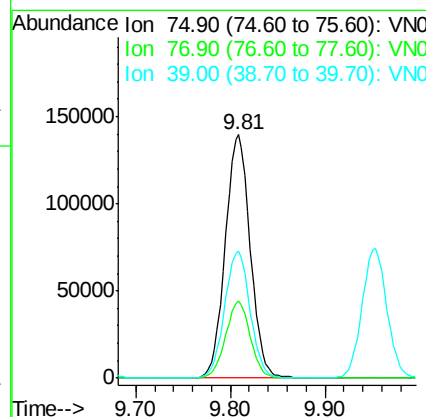
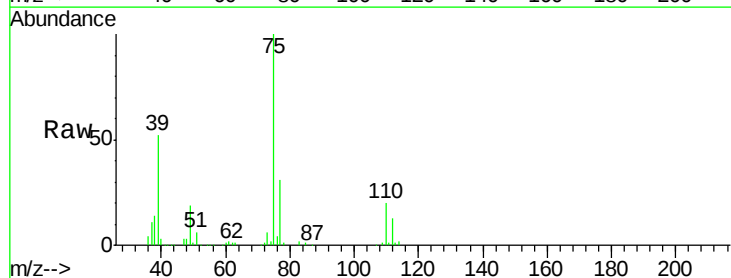
Manual Integrations
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7/9/2020 10:52:37 AM



#54
cis-1,3-Dichloropropene
Concen: 55.210 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 75 Resp: 256630
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7
39 52.2 43.4 65.0





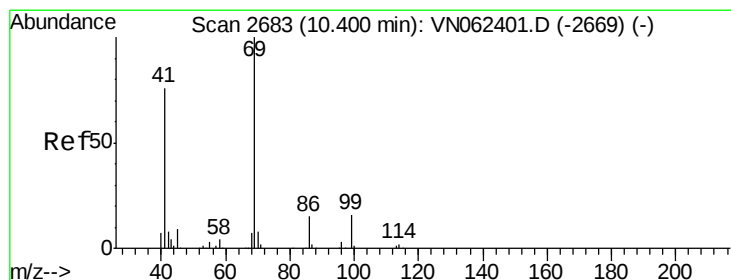
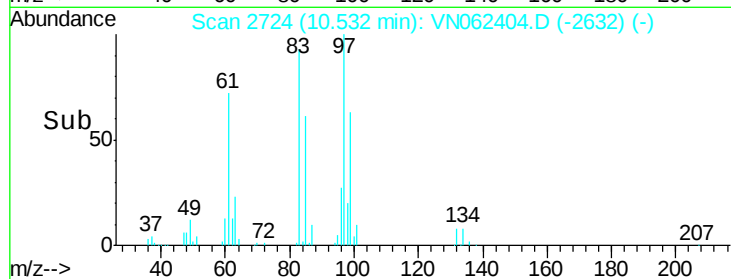
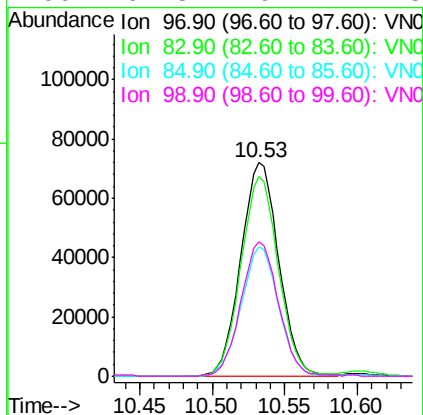
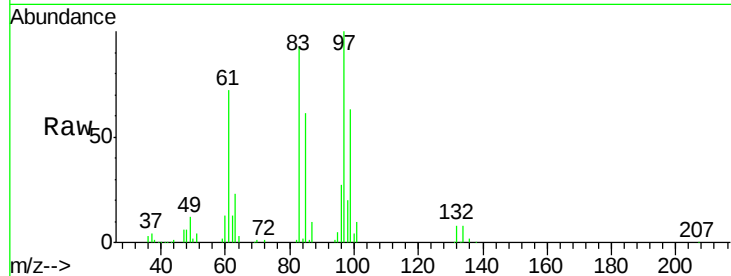
#55
 1,1,2-Trichloroethane
 Concen: 53.961 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN070820

Tot Ion:	97	Resp:	131614
Ion	Ratio	Lower	Upper
97	100		
83	93.3	71.0	106.4
85	60.8	46.2	69.4
99	62.8	49.7	74.5

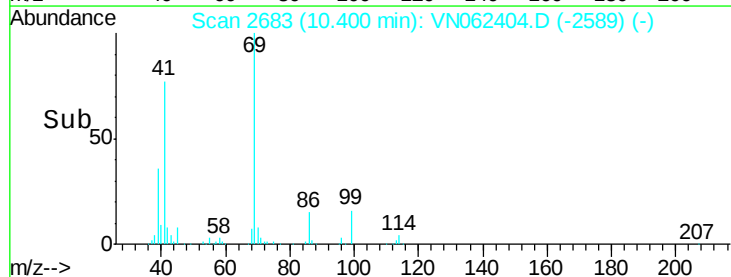
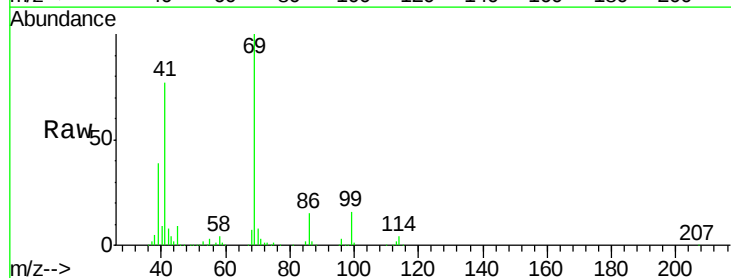
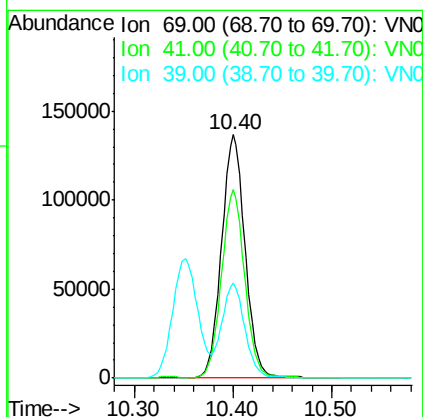
Manual Integrations
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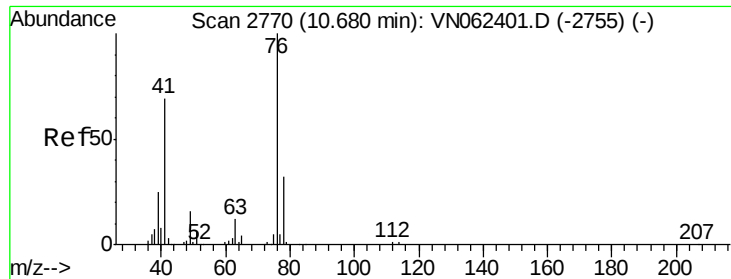
MMDadoda
 7/9/2020 10:52:37 AM



#56
 Ethyl methacrylate
 Concen: 51.107 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion:	69	Resp:	229581
Ion	Ratio	Lower	Upper
69	100		
41	75.7	59.7	89.5
39	38.1	30.6	45.8





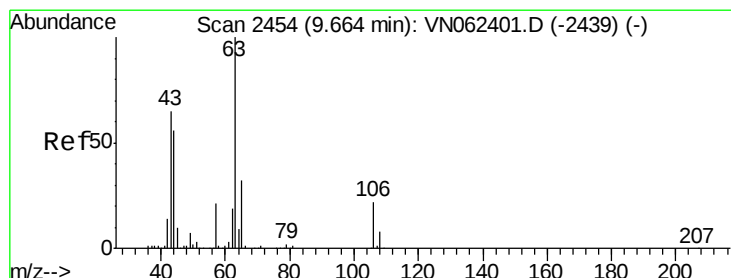
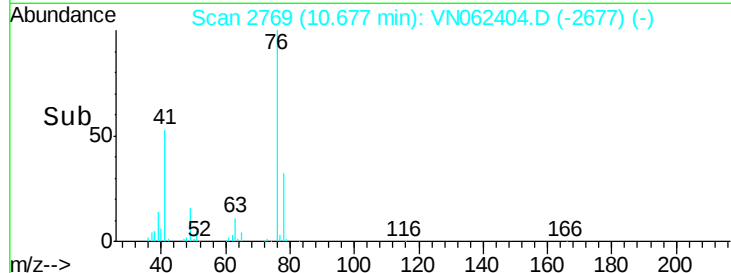
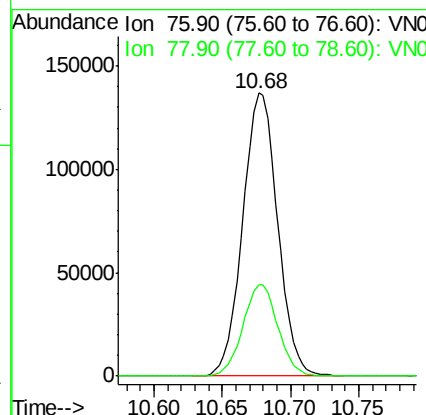
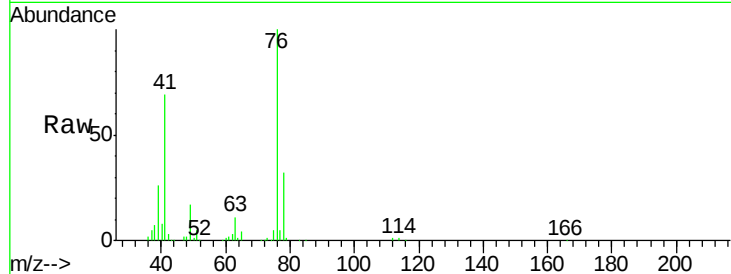
#57
 1,3-Dichloropropane
 Concen: 54.026 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN070820

Tot Ion: 76 Resp: 243446
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

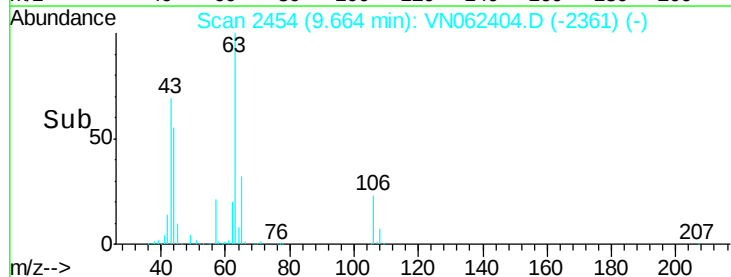
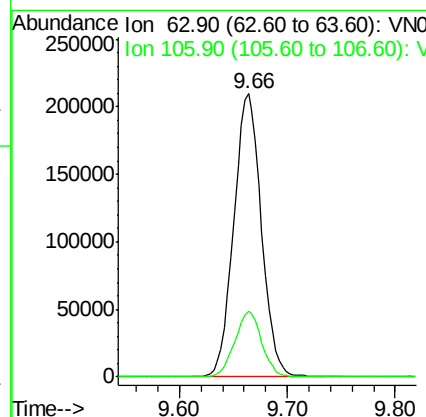
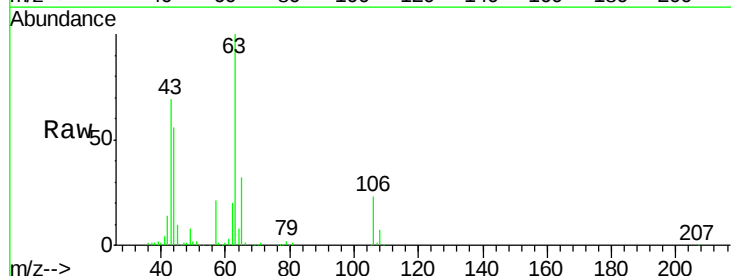
Manual Integrations
 APPROVED

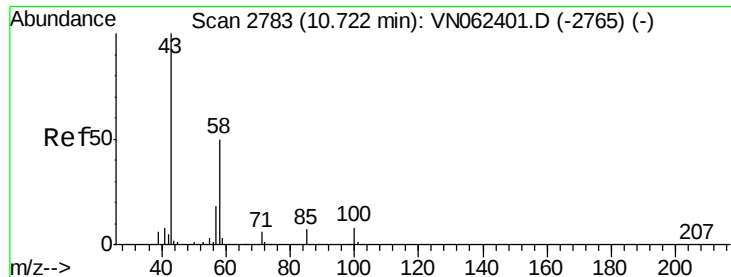
MMDadoda
 7/9/2020 10:52:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.267 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion: 63 Resp: 373712
 Ion Ratio Lower Upper
 63 100
 106 22.7 17.6 26.4





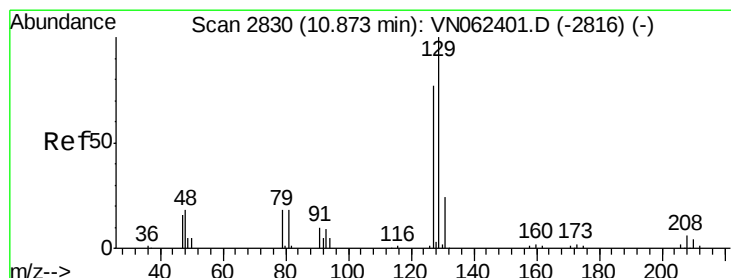
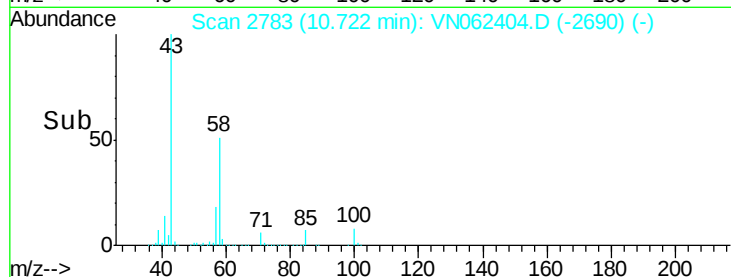
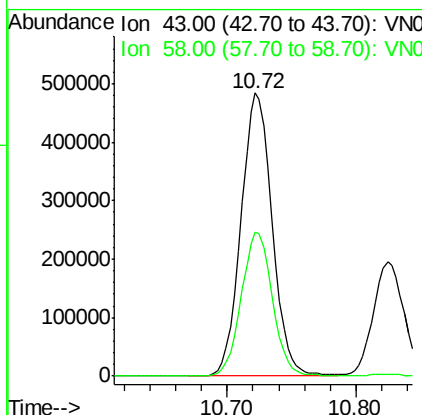
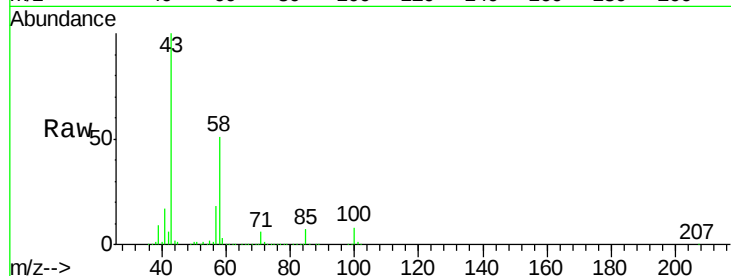
#59
2-Hexanone
Concen: 278.415 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion: 43 Resp: 812353
Ion Ratio Lower Upper
43 100
58 50.9 25.1 75.2

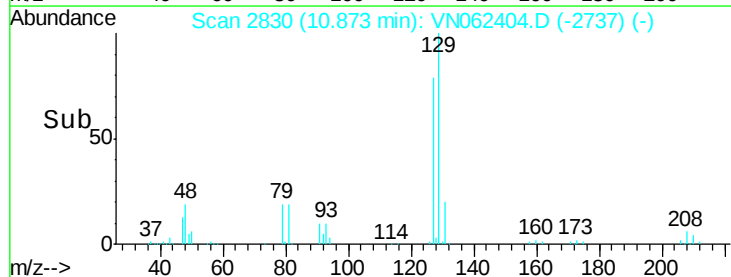
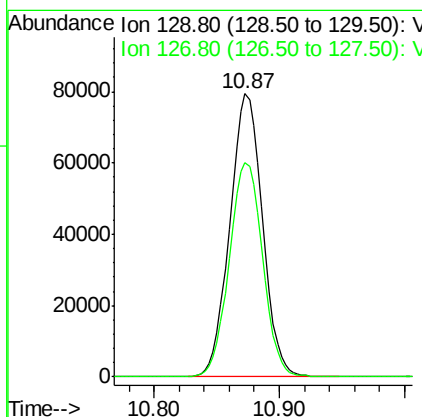
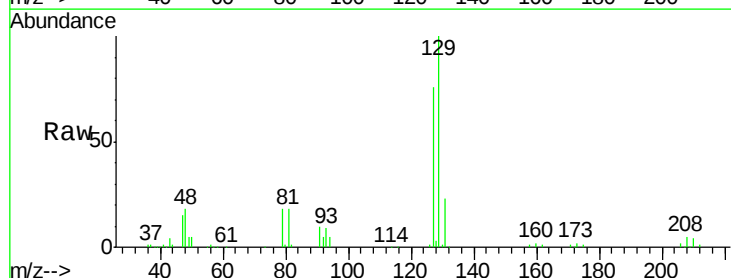
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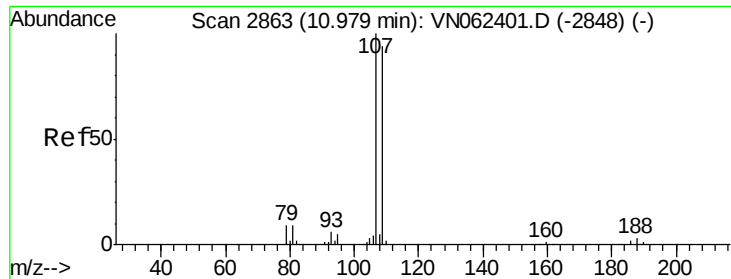
MMDadoda
7/9/2020 10:52:37 AM



#60
Dibromochloromethane
Concen: 54.208 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 129 Resp: 143360
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





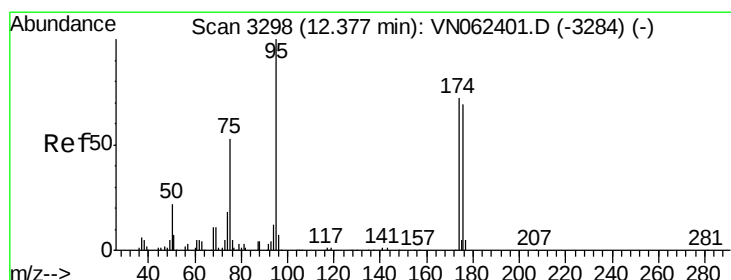
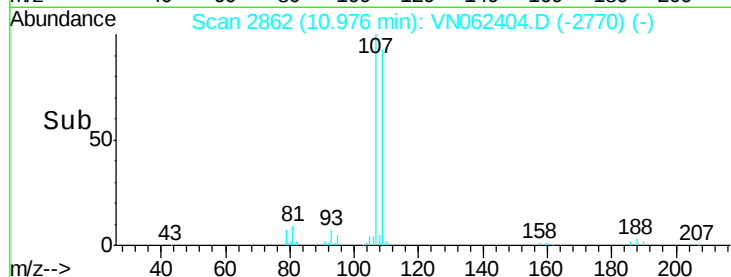
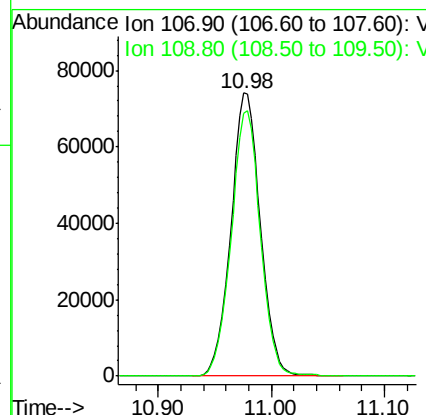
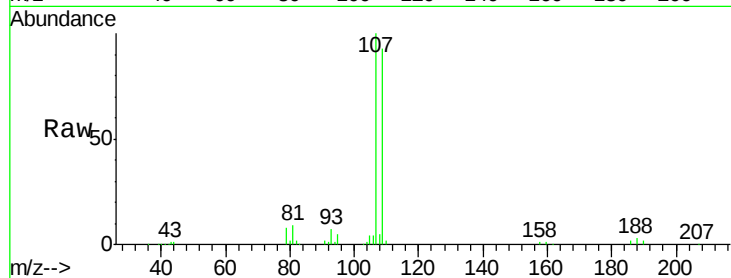
#61
 1,2-Dibromoethane
 Concen: 54.375 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	75.6	113.4

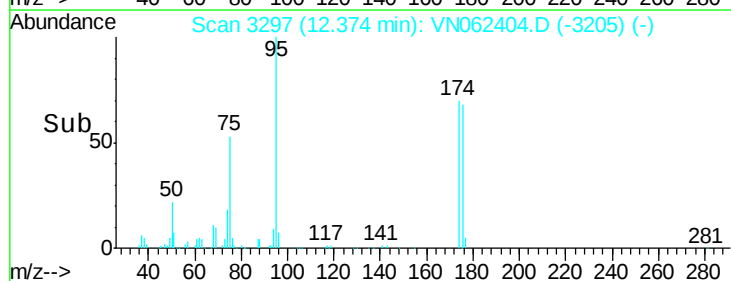
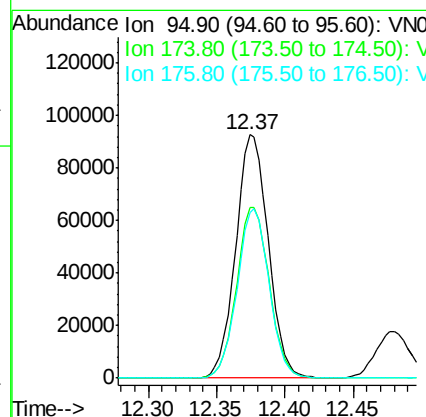
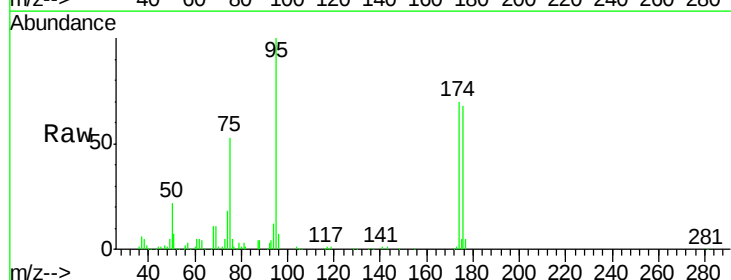
Manual Integrations
 APPROVED

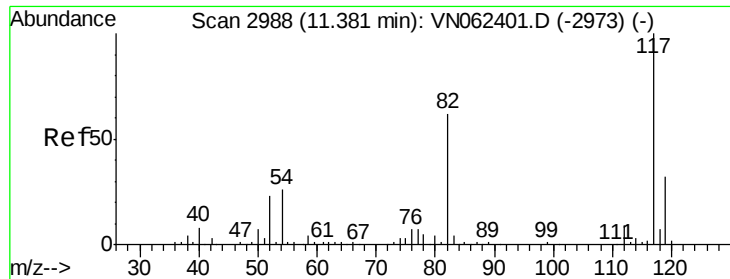
MMDadoda
 7/9/2020 10:52:37 AM



#62
 4-Bromofluorobenzene
 Concen: 47.733 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	141.6
176	67.9	0.0	137.2





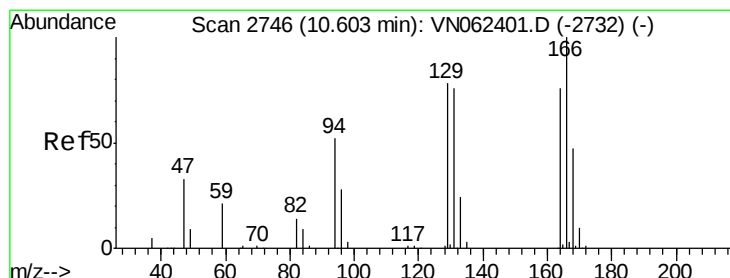
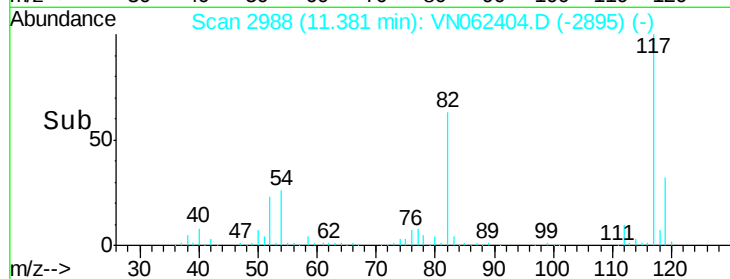
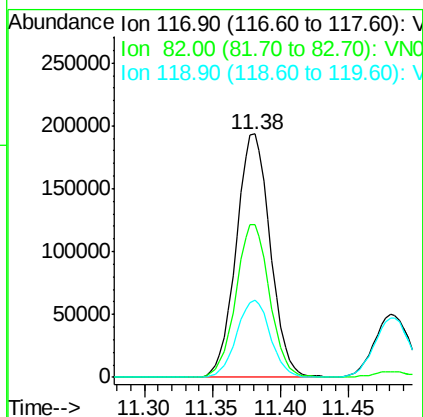
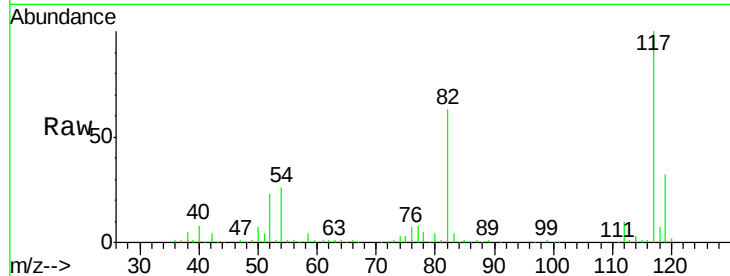
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.7	49.6	74.4
119	31.6	25.4	38.0

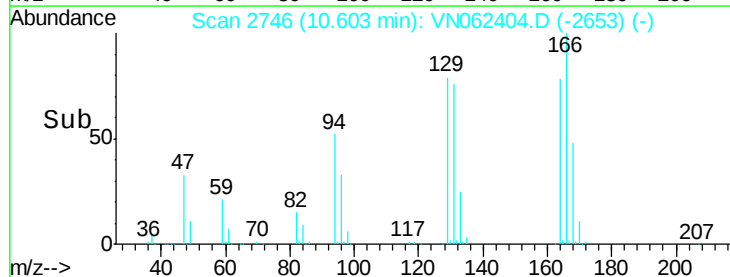
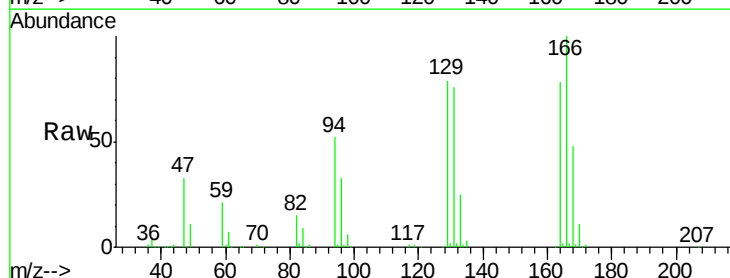
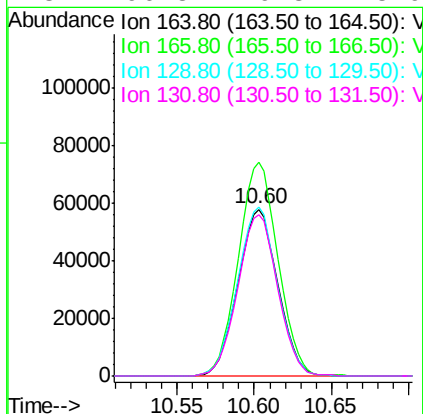
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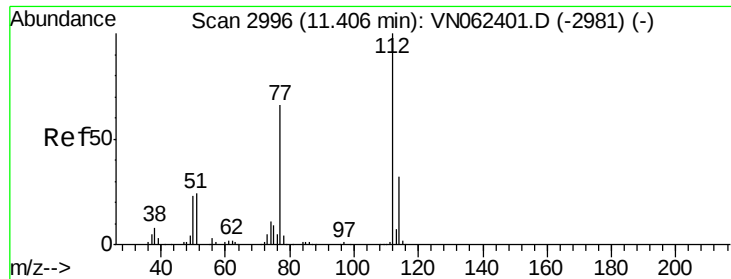
MMDadoda
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#64
Tetrachloroethene
Concen: 52.184 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	104.9	157.3
129	101.4	81.8	122.6
131	96.8	79.3	118.9





#65

Chlorobenzene

Concen: 53.290 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampled :

ICVVN070820

Tot Ion:112 Resp: 347912

Ion Ratio Lower Upper

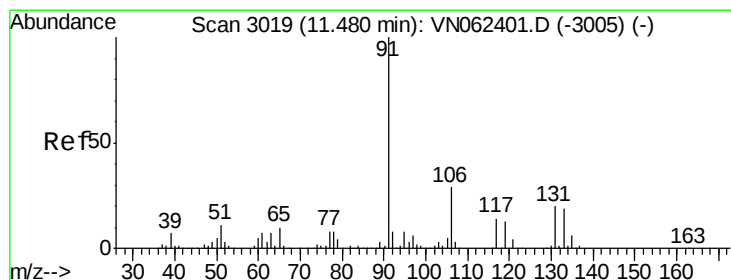
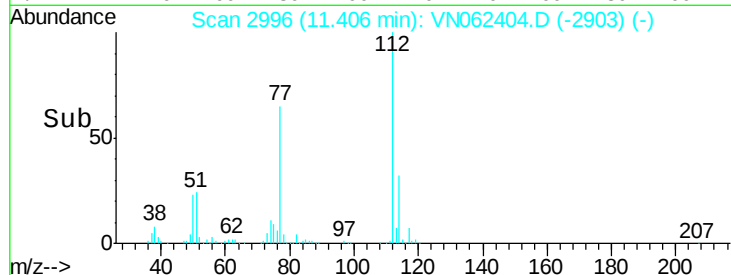
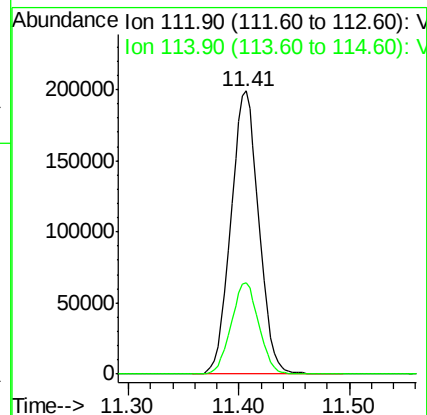
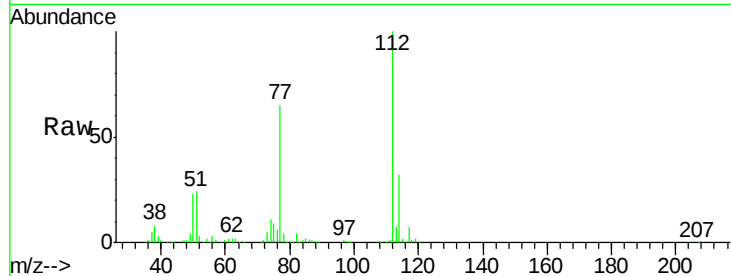
112 100

114 32.3 25.9 38.9

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 53.296 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

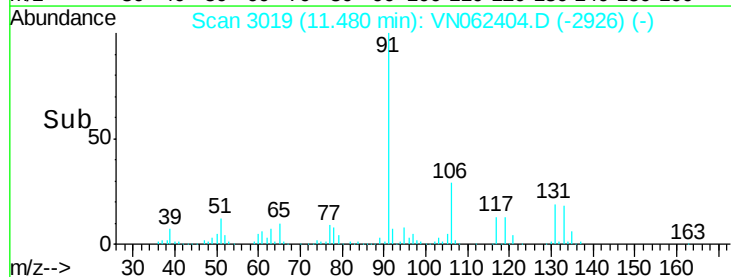
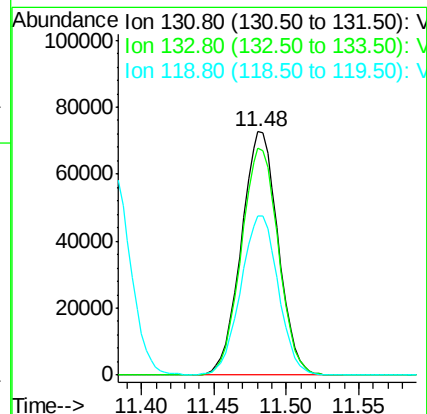
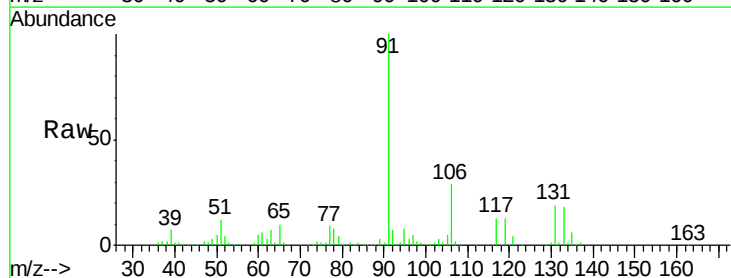
Tgt Ion:131 Resp: 128312

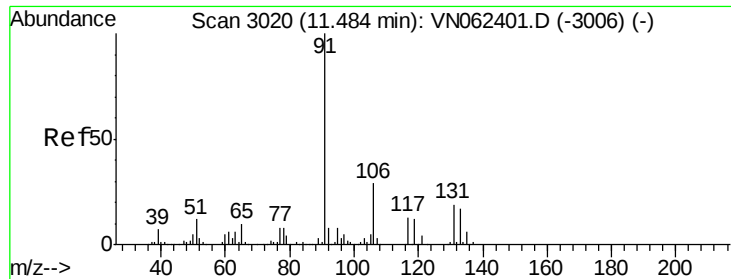
Ion Ratio Lower Upper

131 100

133 94.1 46.9 140.8

119 66.7 33.2 99.6





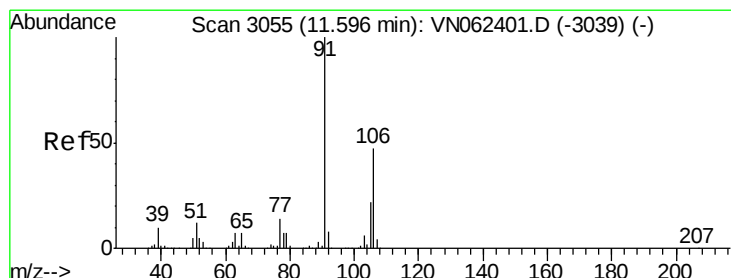
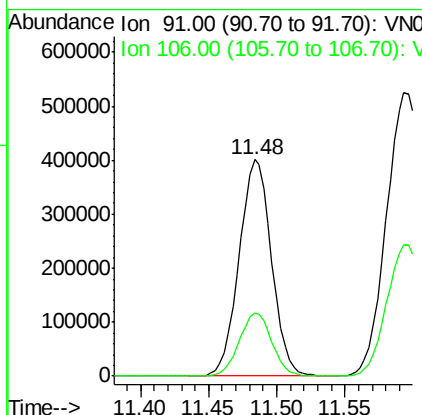
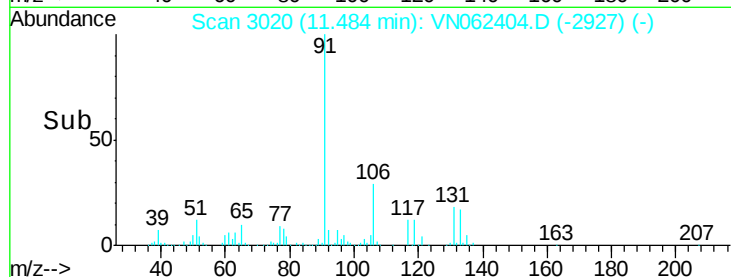
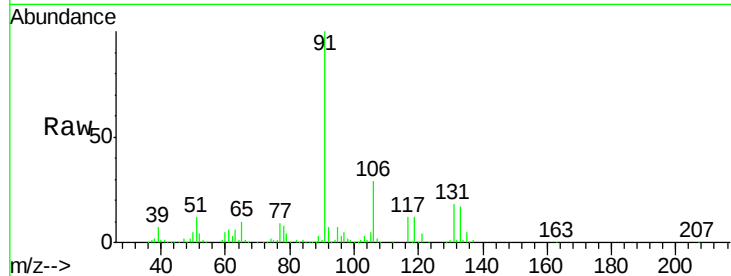
#67
Ethyl Benzene
Concen: 53.894 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

Tot Ion: 91 Resp: 660454
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2

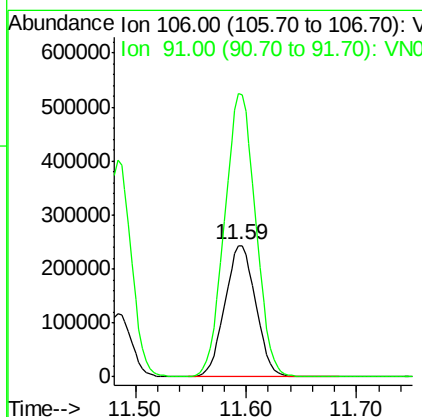
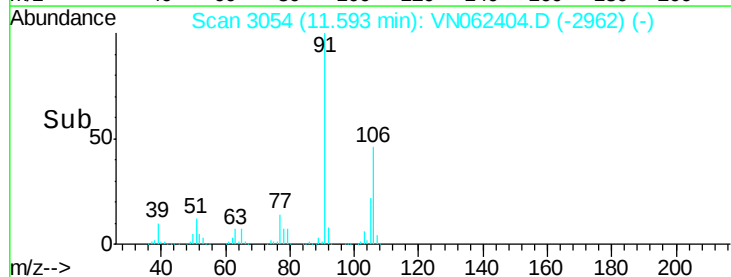
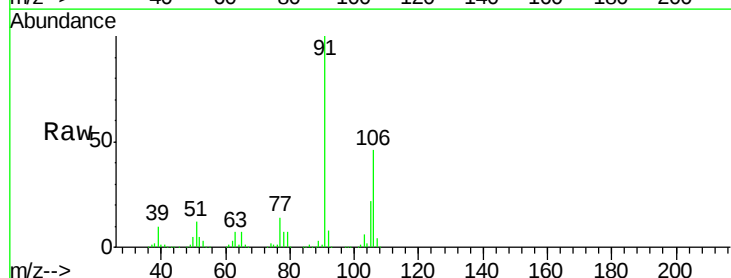
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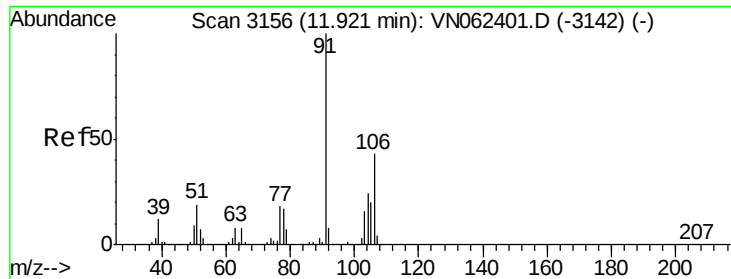
MMDadoda
7/9/2020 10:52:37 AM



#68
m/p-Xylenes
Concen: 108.623 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion: 106 Resp: 471235
Ion Ratio Lower Upper
106 100
91 217.1 172.4 258.6





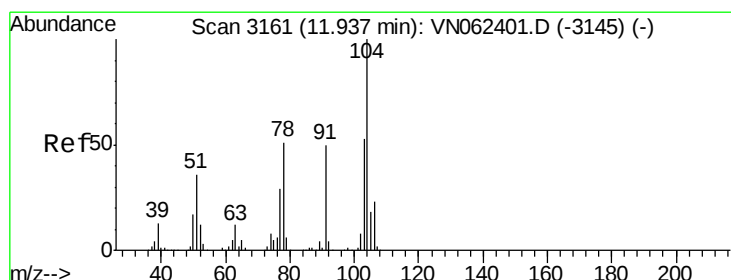
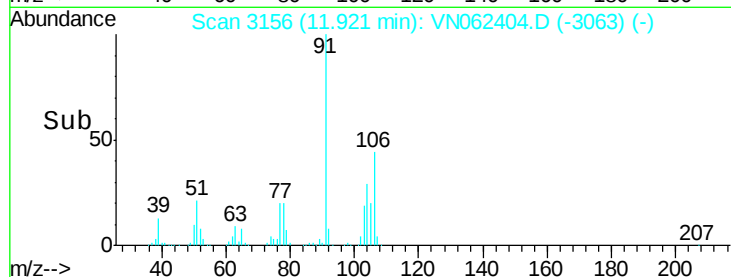
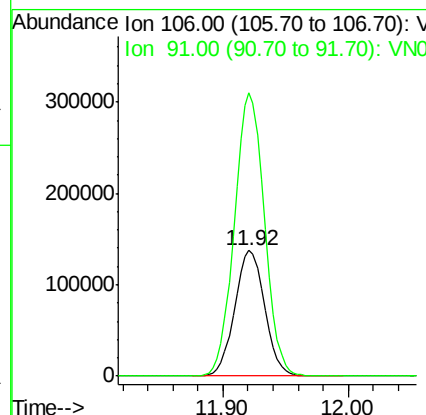
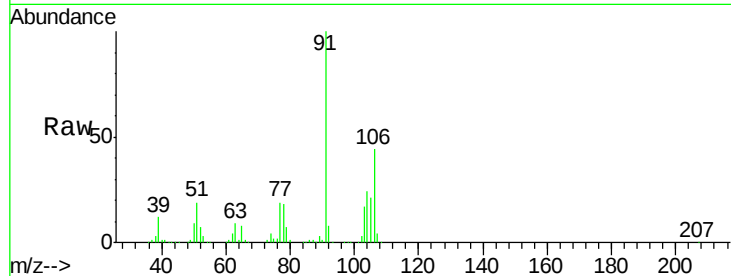
#69
o-Xylene
Concen: 54.032 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		228226		
91	225.7	113.8	341.4		

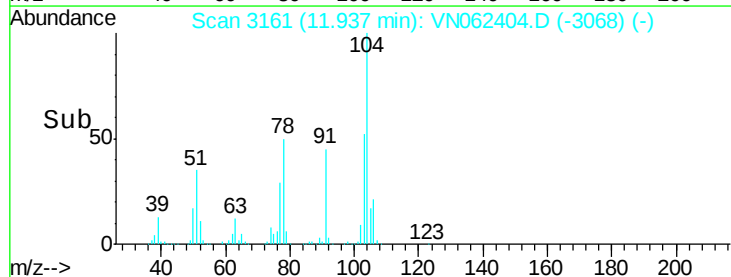
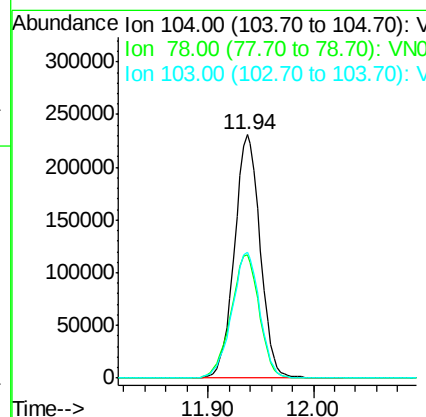
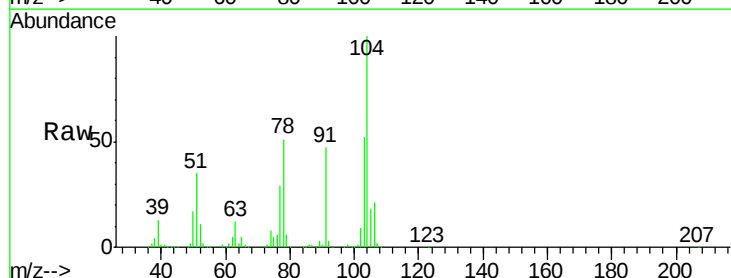
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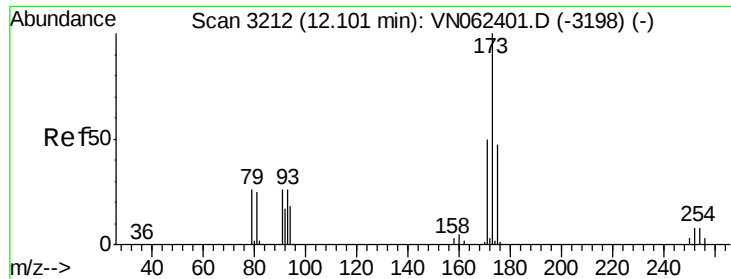
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#70
Styrene
Concen: 55.774 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		389349		
78	55.9	44.2	66.4		
103	56.0	44.4	66.6		





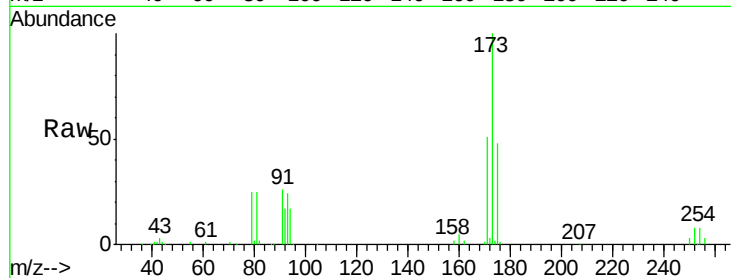
#71
Bromoform
Concen: 55.265 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampled :
ICVVN070820

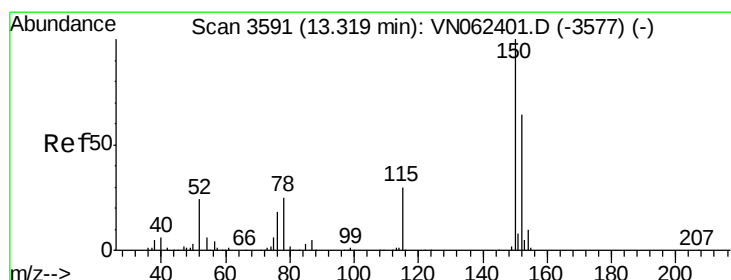
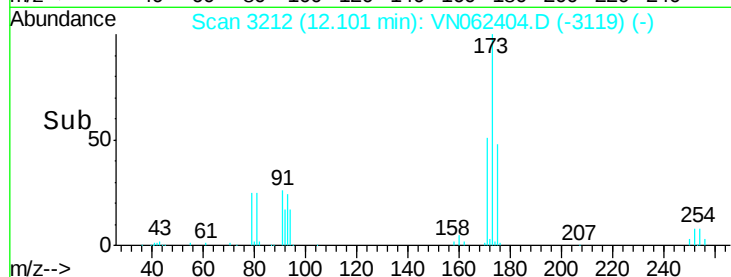
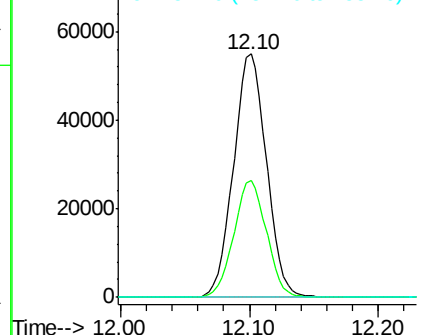
Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	47.4	23.7	71.1	
254	0.0	0.0	0.0	

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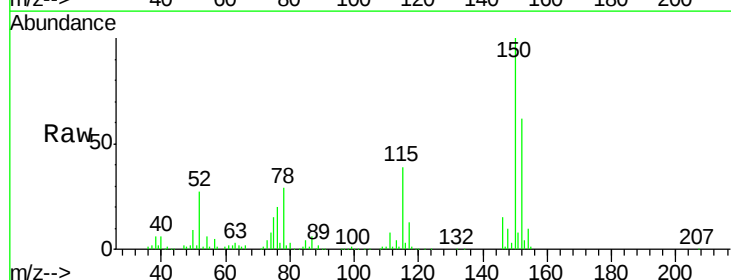


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

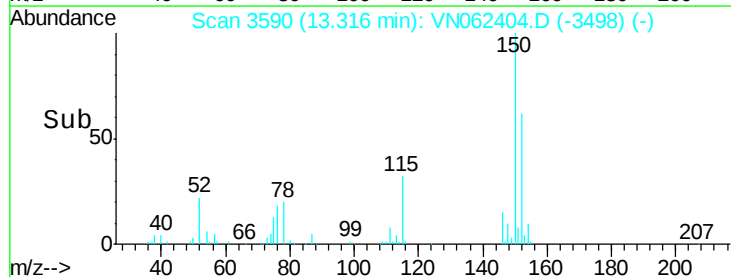
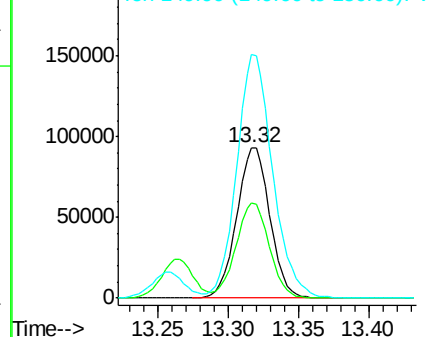


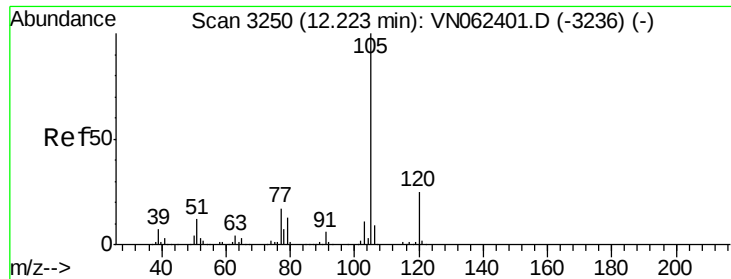
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	63.7	31.4	94.2	
150	175.6	0.0	347.4	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.950 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

Tot Ion:105 Resp: 616358

Ion Ratio Lower Upper

105 100

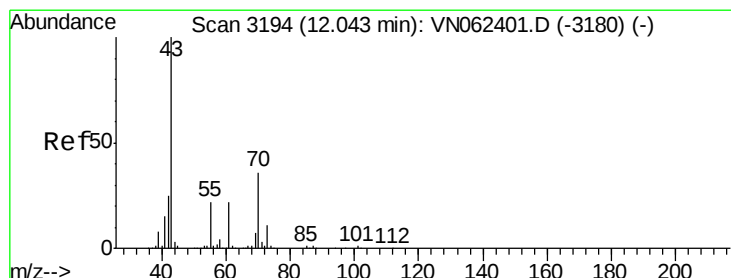
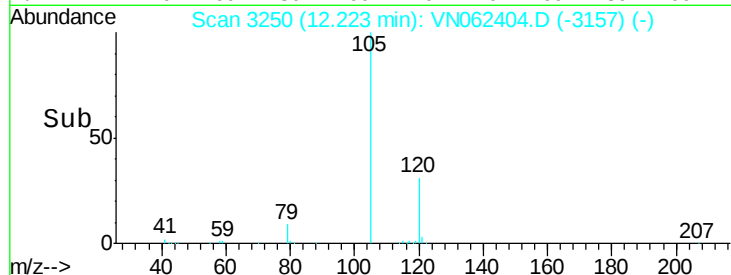
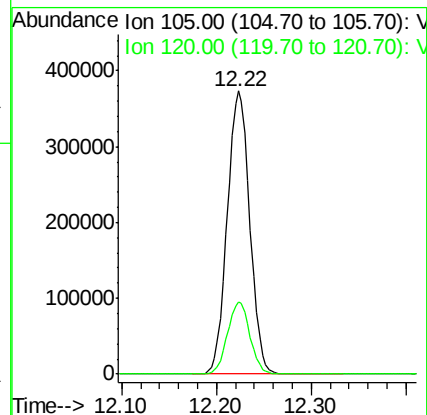
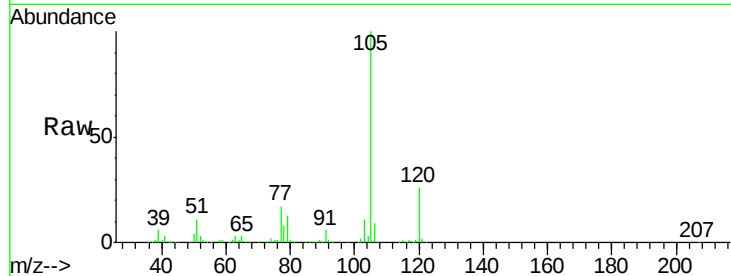
120 25.3 12.7 38.1

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#74

N-ethyl acetate

Concen: 55.692 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Tgt Ion: 43 Resp: 321606

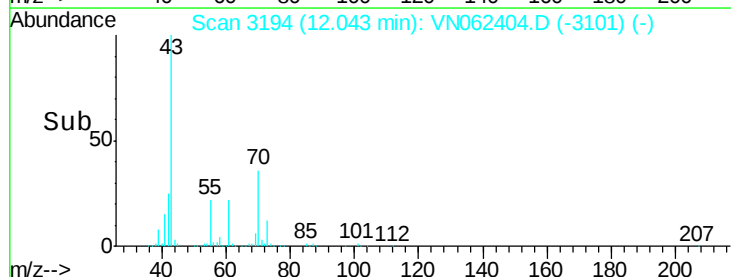
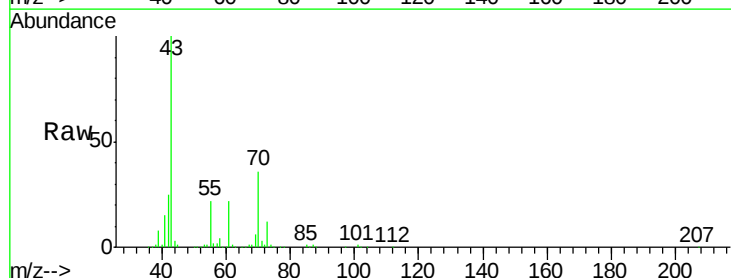
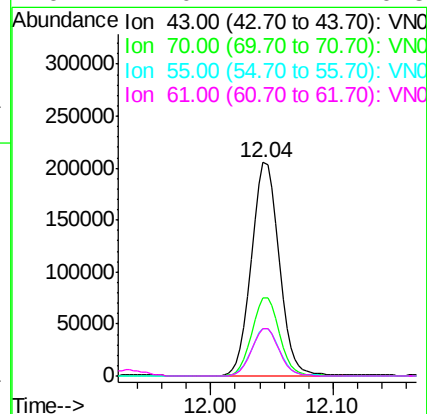
Ion Ratio Lower Upper

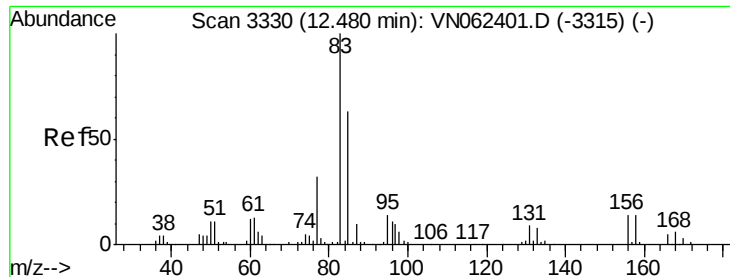
43 100

70 36.5 30.0 45.0

55 22.7 18.2 27.4

61 22.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.239 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

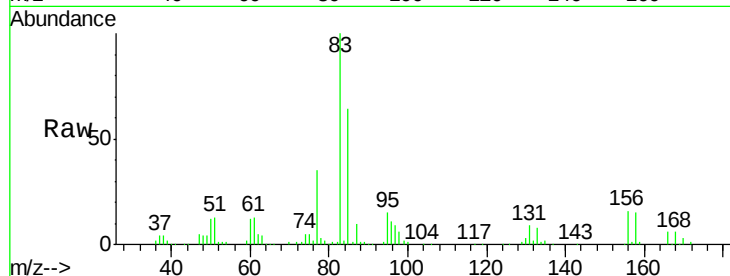
ClientSampleId :

ICVVN070820

Tot Ion:	83	Resp:	200418
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.5	13.5
85	64.9	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VN062404.D (-3330) (-)

Ion 130.80 (130.50 to 131.50): VN062404.D (-3330) (-)

Ion 84.90 (84.60 to 85.60): VN062404.D (-3330) (-)

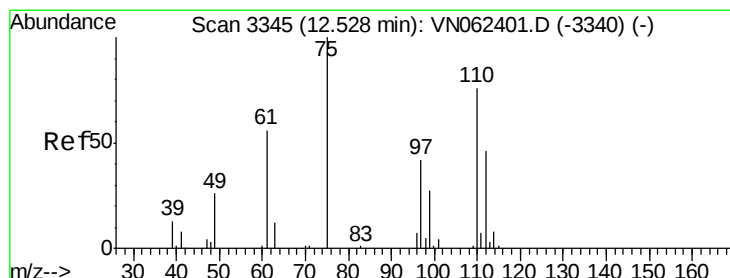
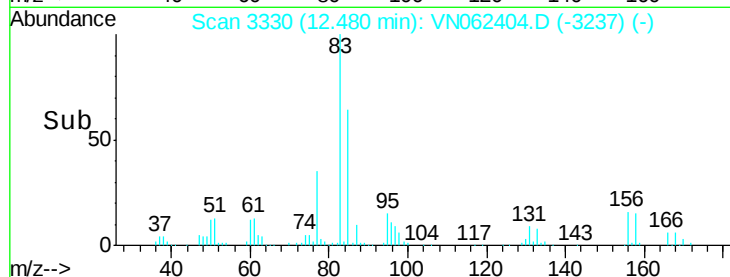
12.48

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 46.786 ug/l m

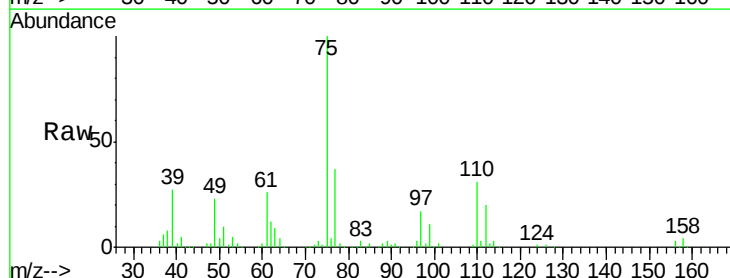
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Tgt Ion:	75	Resp:	176010
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062404.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062404.D (-3345) (-)

200000

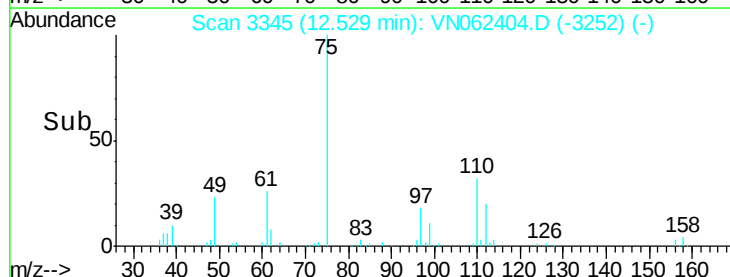
150000

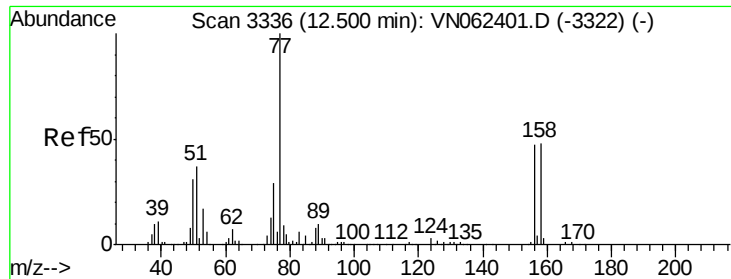
100000

50000

0

Time--> 12.50 12.55





#77

Bromobenzene

Concen: 51.982 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

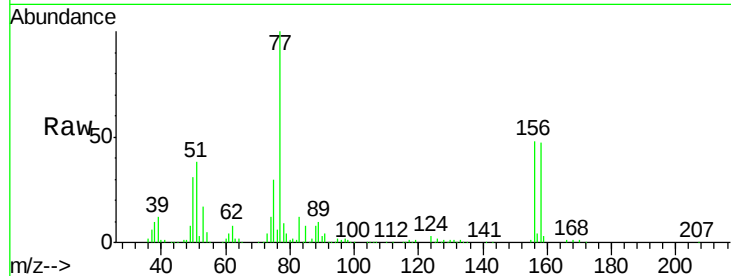
ClientSampled :

ICVVN070820

Tot Ion	Ratio	Lower	Upper
156	100		
77	248.2	126.4	379.3
158	95.6	49.8	149.4

Manual Integrations
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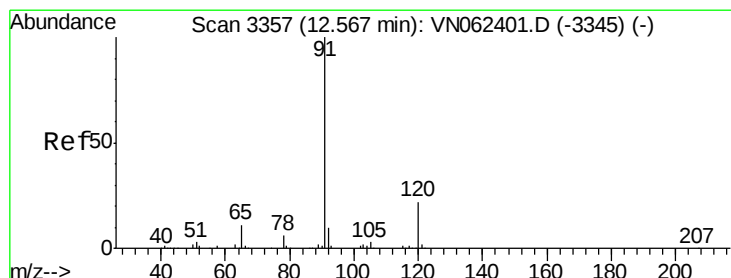
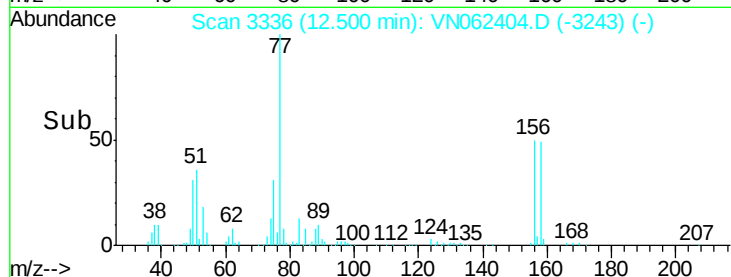
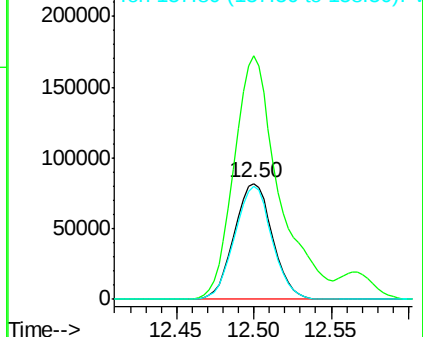
MMDadoda
7/9/2020 10:52:37 AM



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: 53.363 ug/l

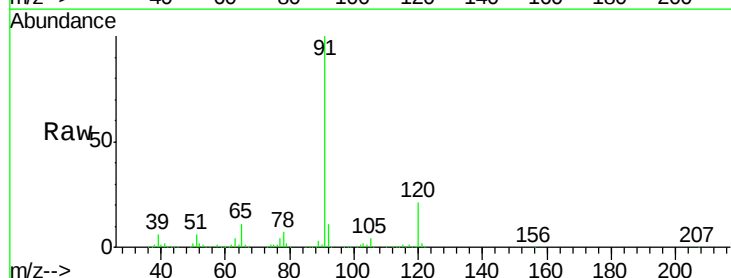
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062404.D

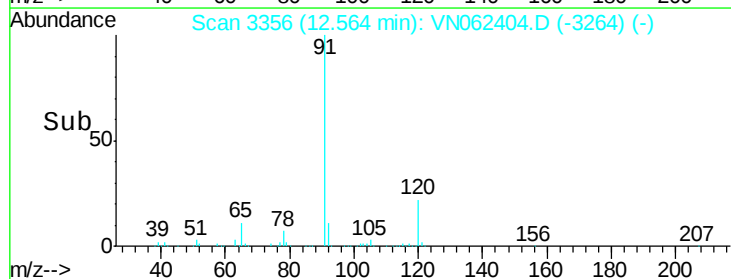
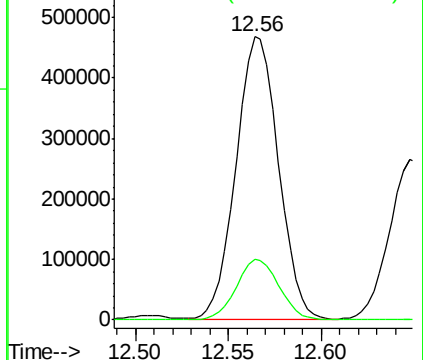
Acq: 8 Jul 2020 13:09

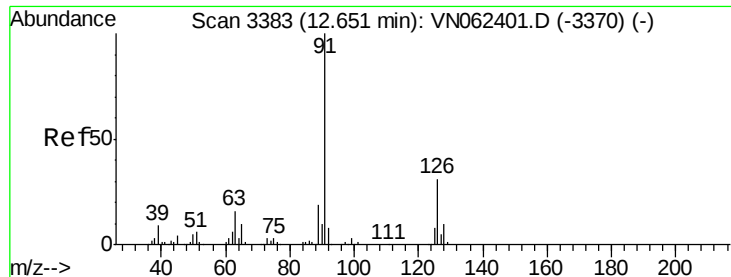
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.7	32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





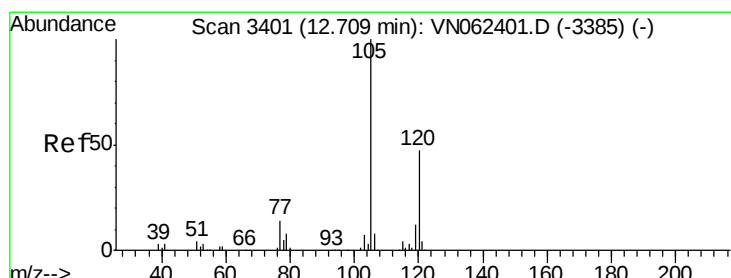
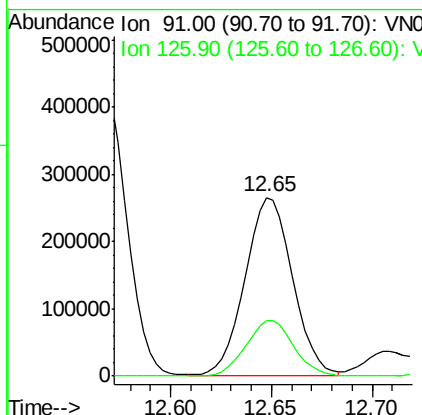
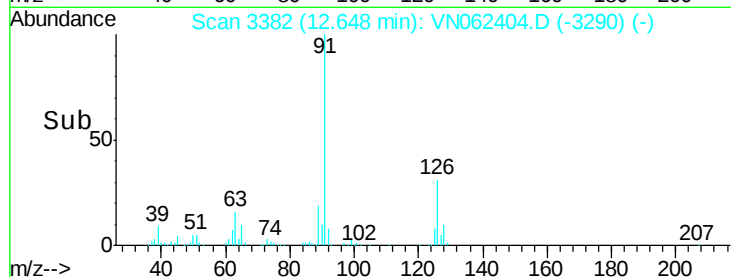
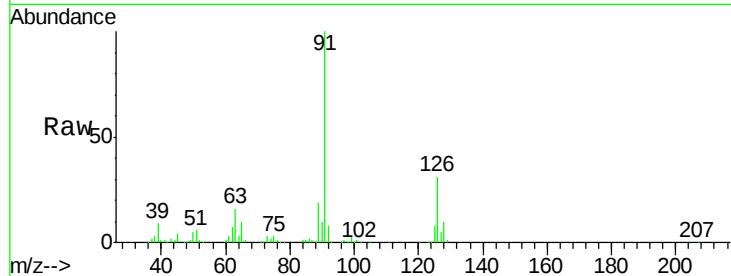
#79
 2-Chlorotoluene
 Concen: 51.923 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

Tot Ion: 91 Resp: 436740
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.6 46.7

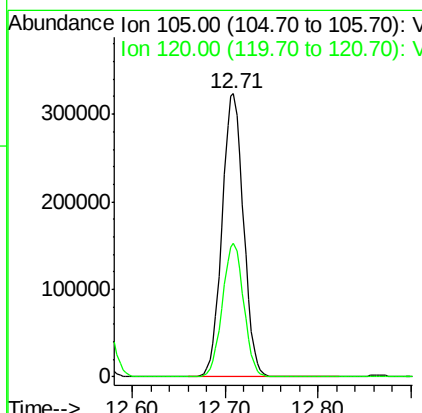
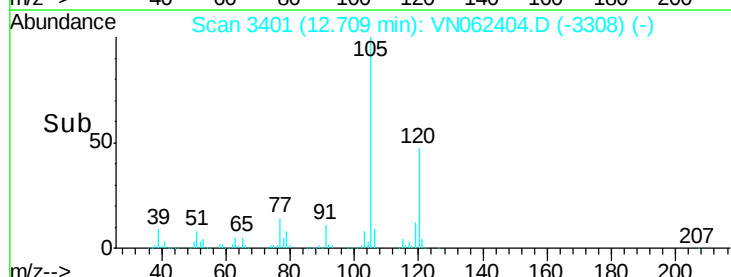
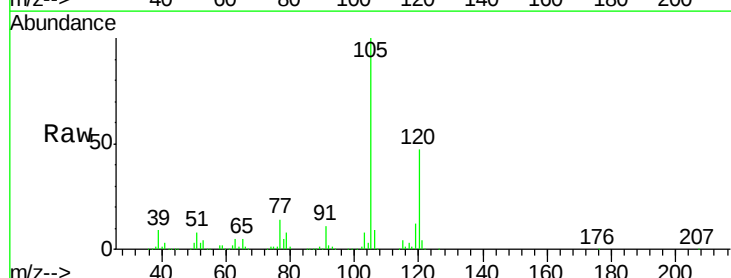
Manual Integrations
 APPROVED

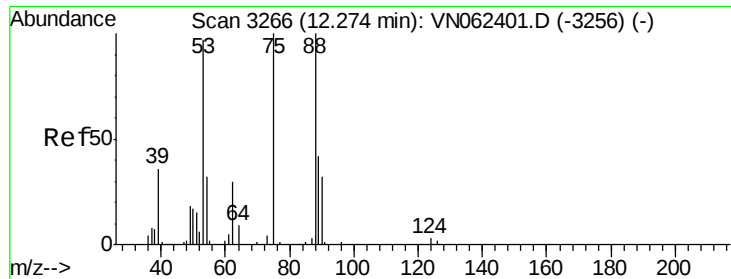
MMDadoda
 7/9/2020 10:52:37 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 53.231 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion: 105 Resp: 517741
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.2





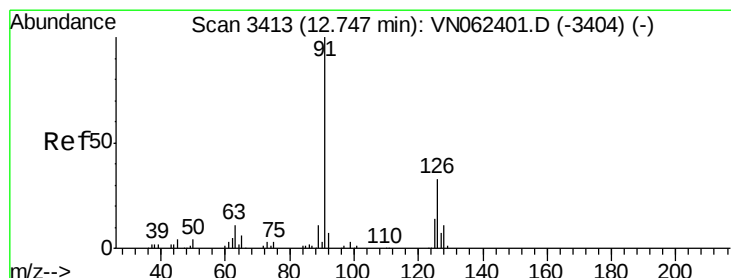
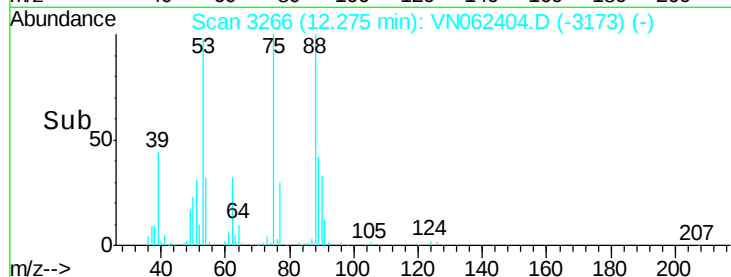
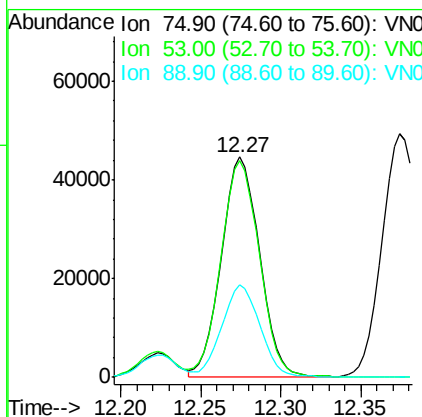
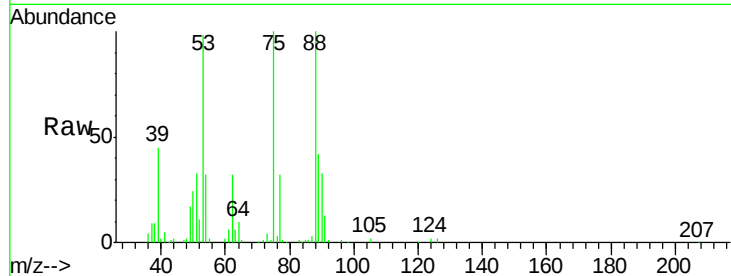
#81
trans-1,4-Dichloro-2-butene
Concen: 52.209 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.0	79.2	118.8
89	41.8	34.6	52.0

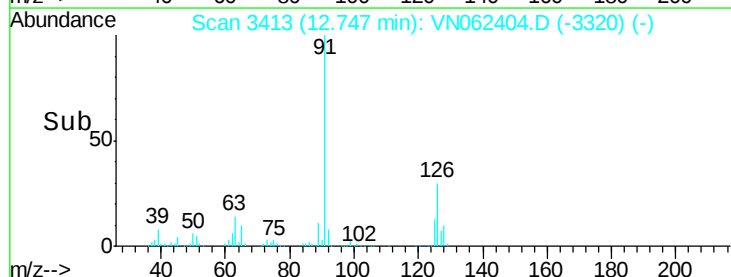
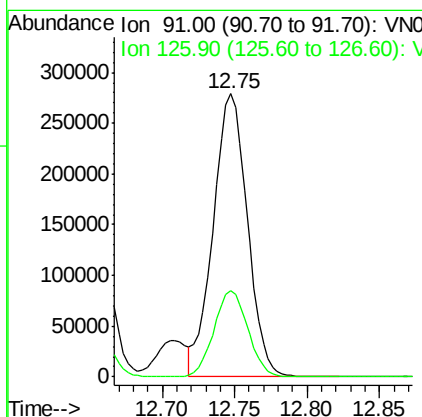
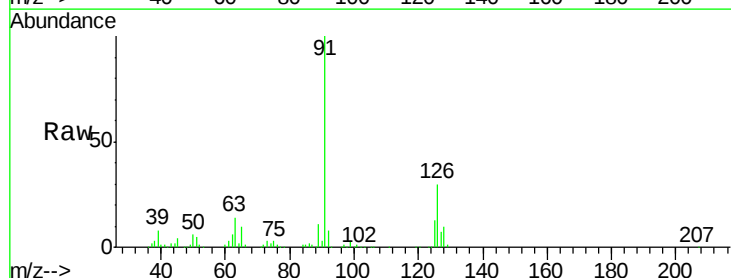
Manual Integrations
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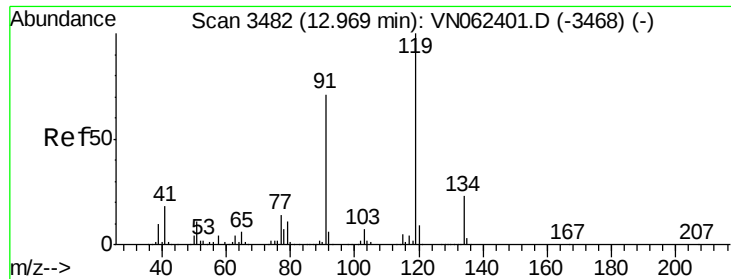
MMDadoda
7/9/2020 10:52:37 AM



#82
4-Chlorotoluene
Concen: 53.521 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.2	45.6





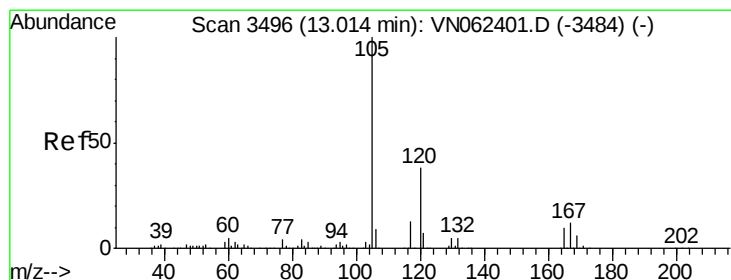
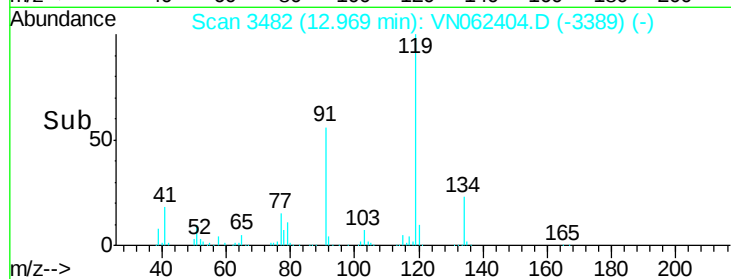
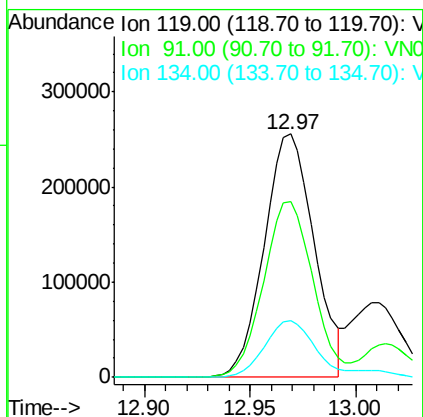
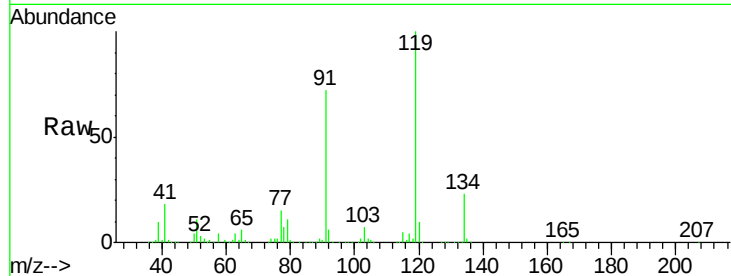
#83
 tert-Butylbenzene
 Concen: 50.936 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070820

Tot Ion	Ratio	Lower	Upper
119	100		
91	72.1	34.8	104.3
134	23.4	11.7	35.0

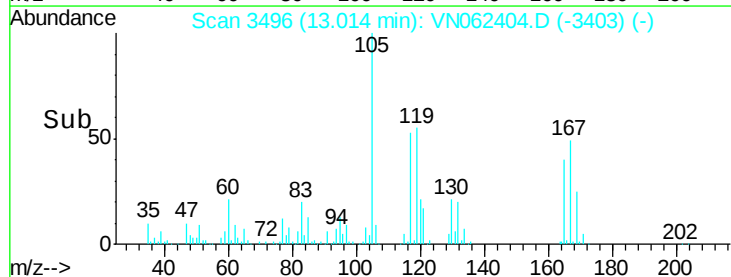
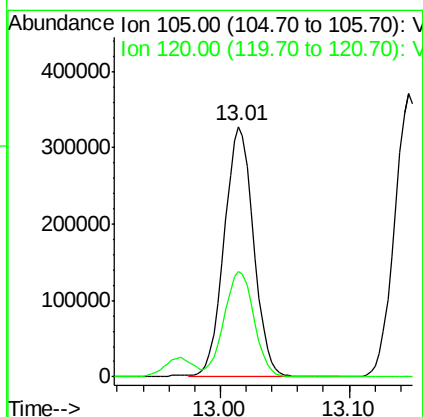
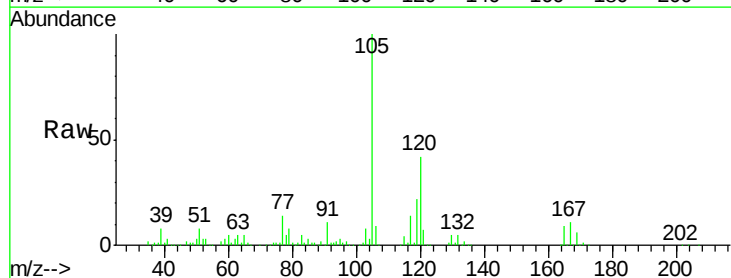
Manual Integrations
 APPROVED

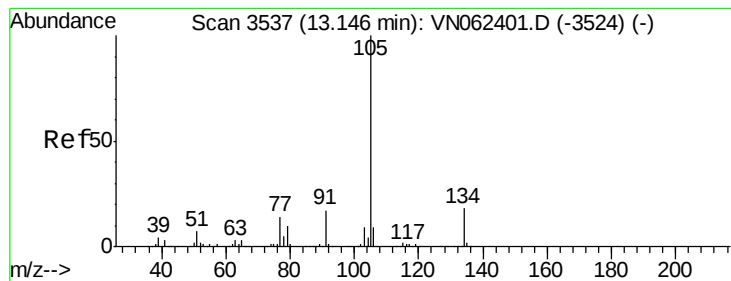
MMDadoda
 7/9/2020 10:52:37 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.154 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.6	64.8





#85

sec-Butylbenzene

Concen: 53.270 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

Instrument :

MSVOA_N

ClientSampleId :

ICVVN070820

Tot Ion:105 Resp: 582638

Ion Ratio Lower Upper

105 100

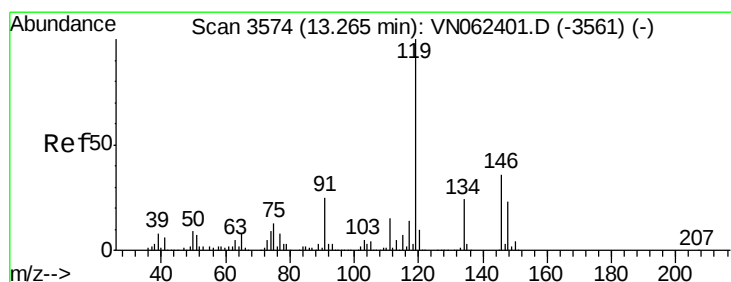
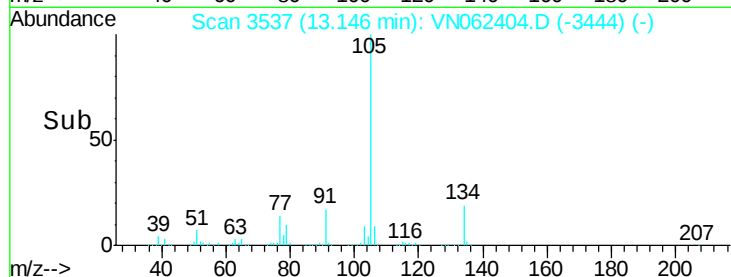
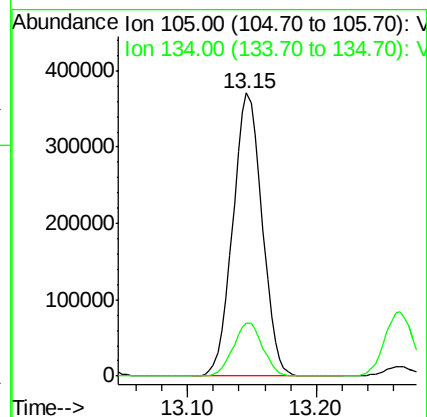
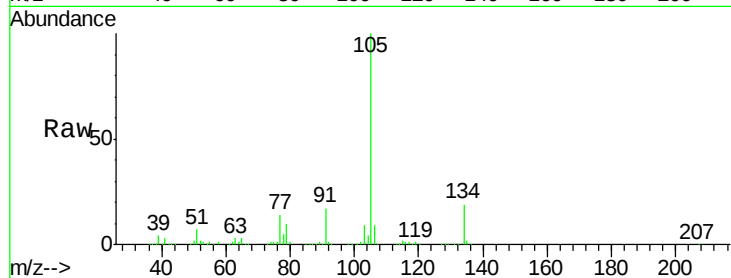
134 18.8 9.3 28.0

Manual Integrations

APPROVED

MMDadoda

7/9/2020 10:52:37 AM



#86

p-Isopropyltoluene

Concen: 54.371 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062404.D

Acq: 8 Jul 2020 13:09

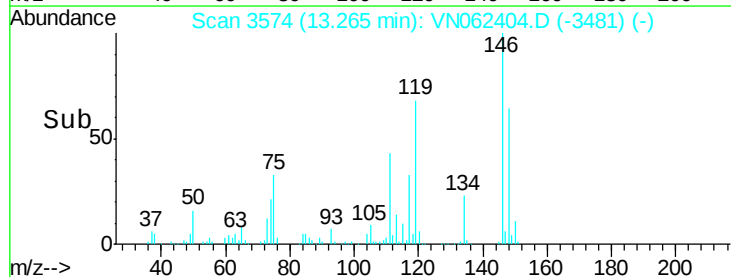
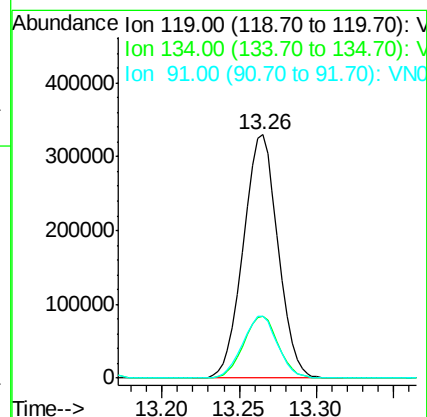
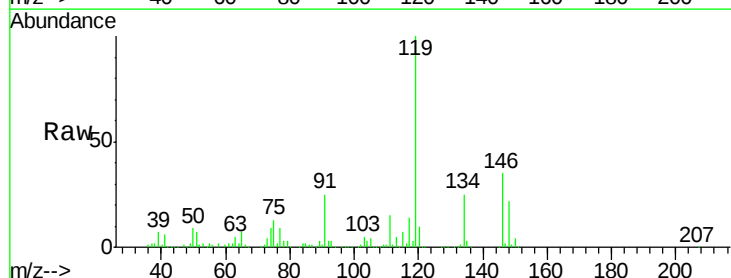
Tgt Ion:119 Resp: 513253

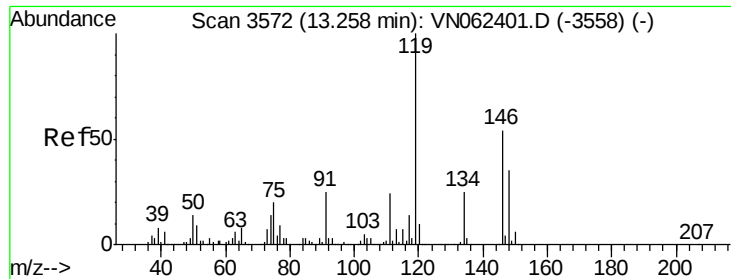
Ion Ratio Lower Upper

119 100

134 25.4 12.4 37.0

91 25.6 12.4 37.4





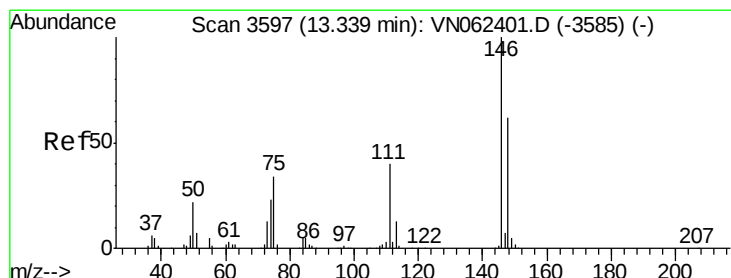
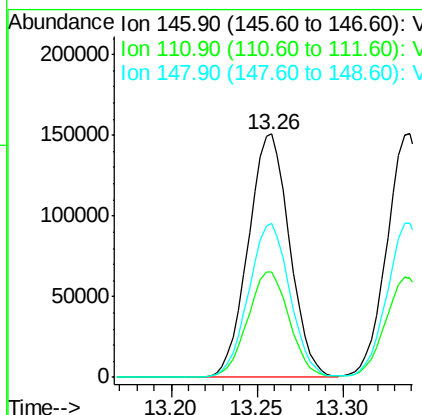
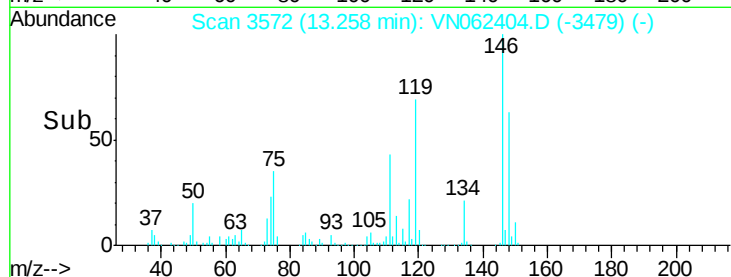
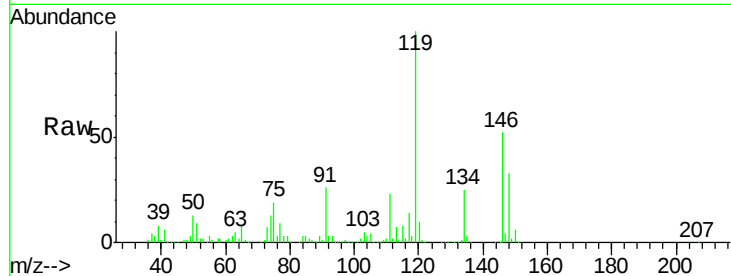
#87
 1,3-Dichlorobenzene
 Concen: 54.112 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN070820

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.6
148	63.3	32.2	96.6

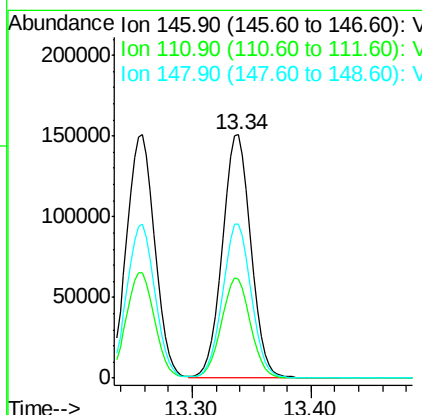
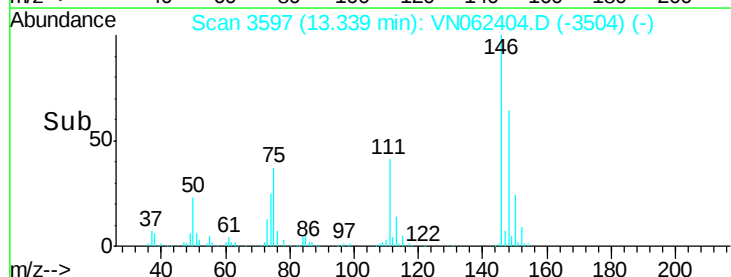
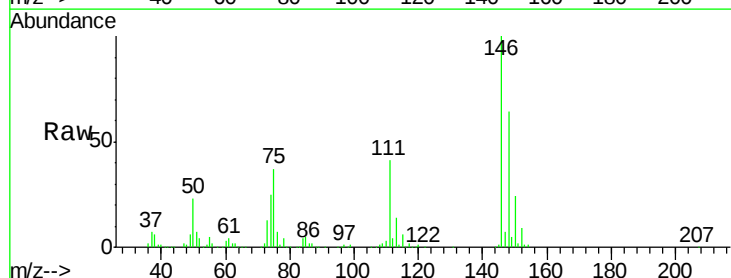
Manual Integrations
 APPROVED

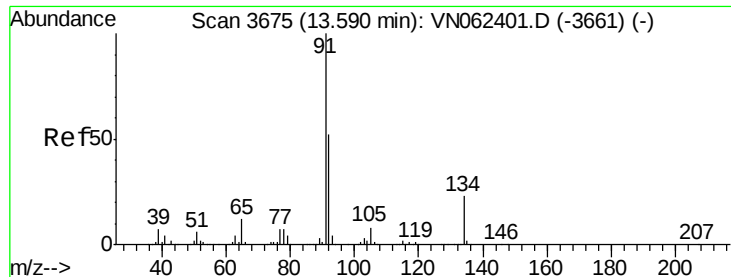
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 52.238 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.1	63.1
148	63.6	31.4	94.2





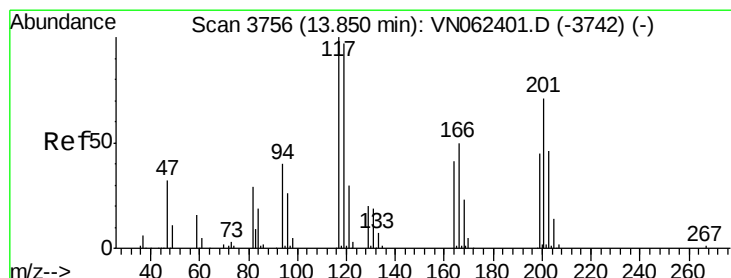
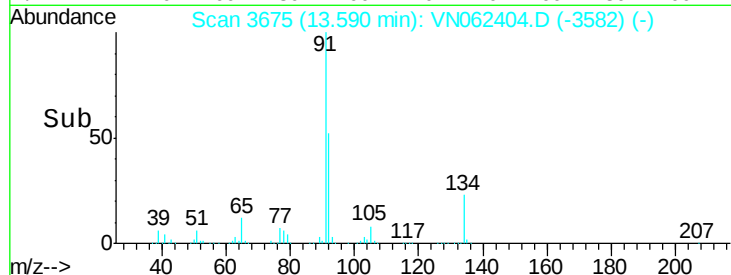
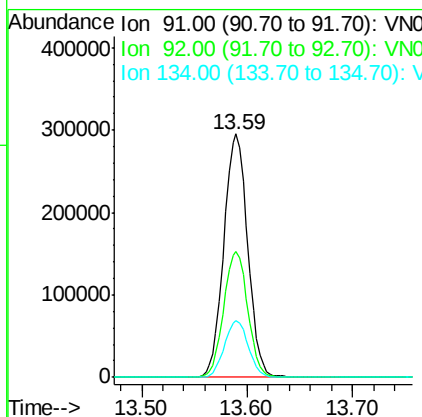
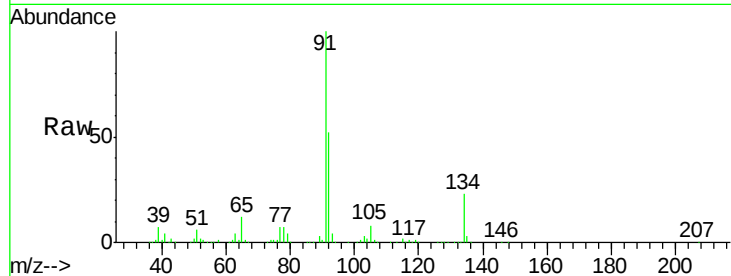
#89
n-Butylbenzene
Concen: 55.496 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.9	77.7
134	23.3	11.6	34.8

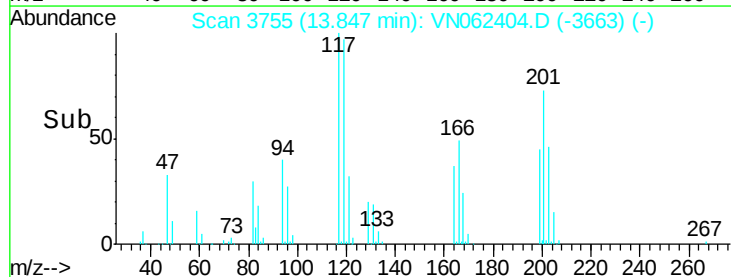
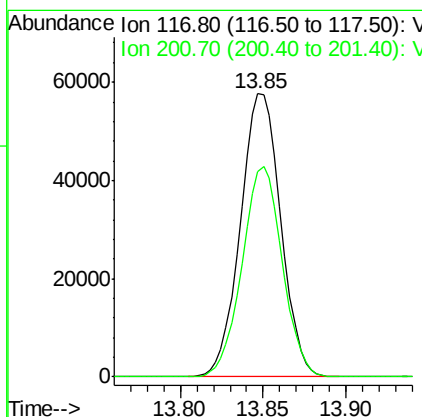
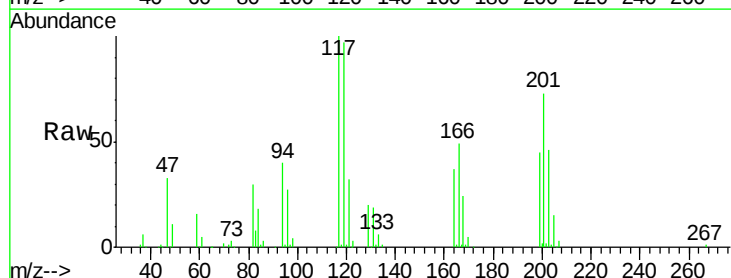
Manual Integrations
APPROVED

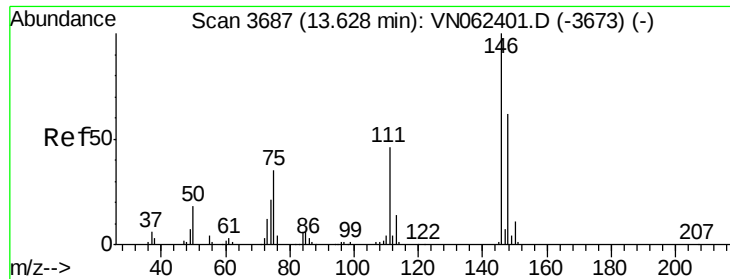
MMDadoda
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#90
Hexachloroethane
Concen: 52.563 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.9	35.4	106.2





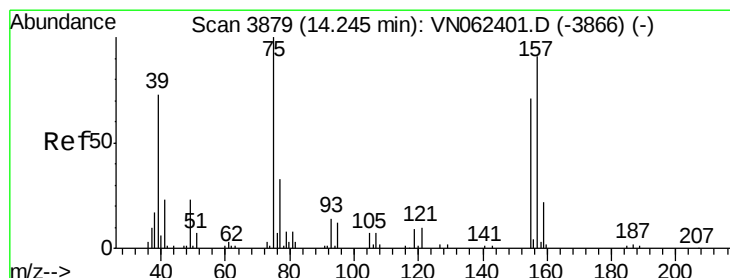
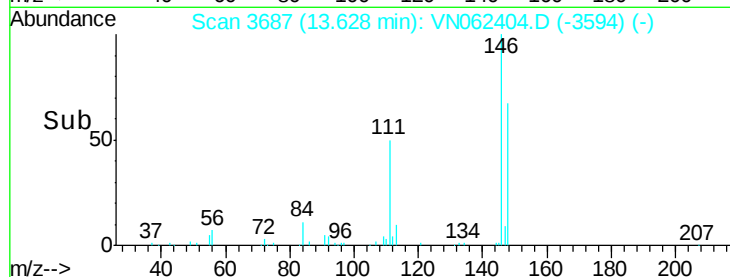
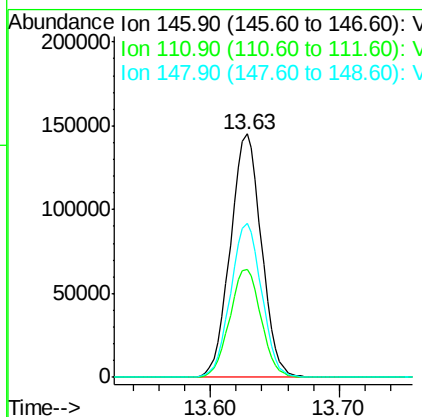
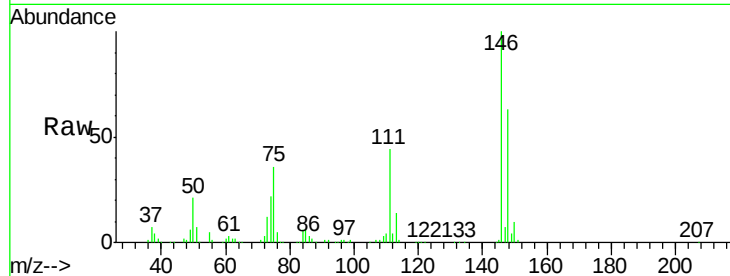
#91
 1,2-Dichlorobenzene
 Concen: 53.941 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN070820

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.5	67.5
148	63.3	31.4	94.2

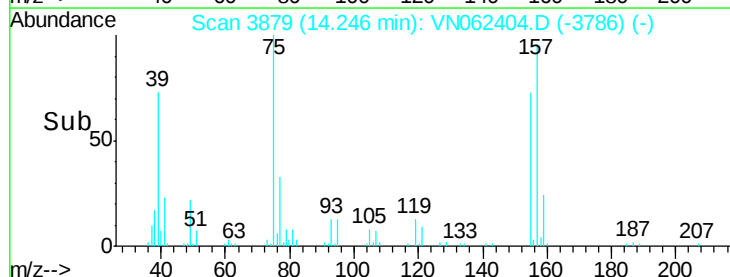
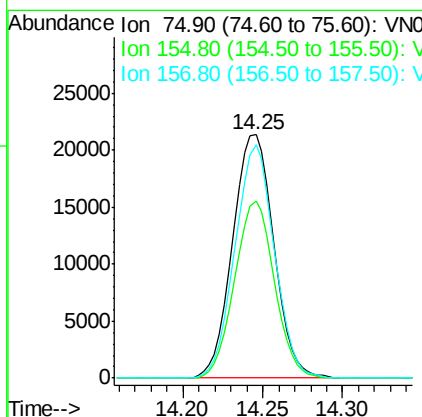
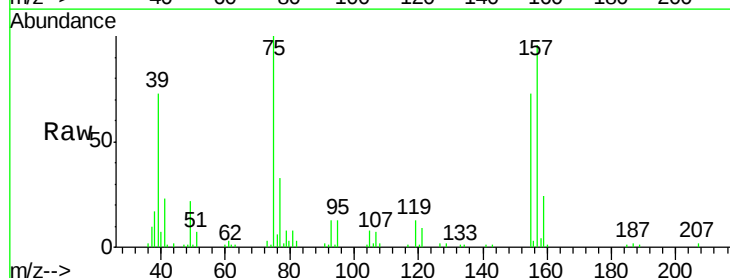
Manual Integrations
 APPROVED

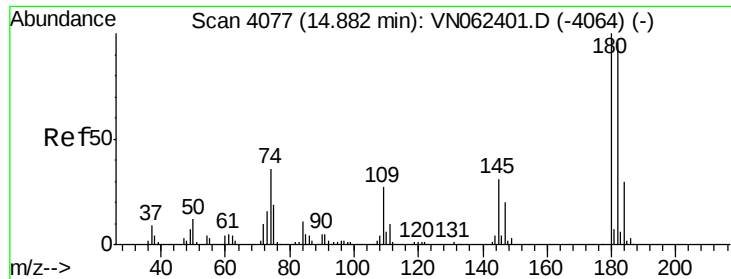
MMDadoda
 7/9/2020 10:52:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.530 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.0	35.2	105.6
157	91.4	45.8	137.3





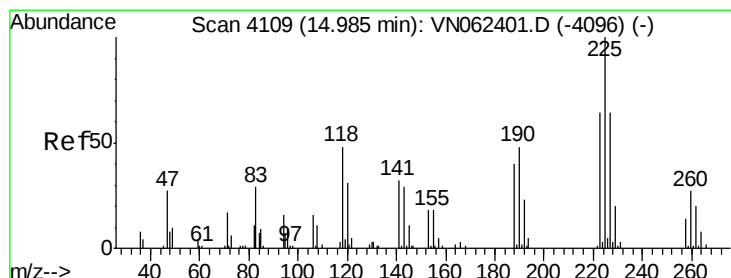
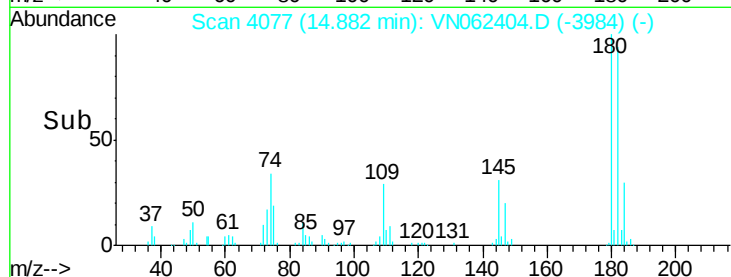
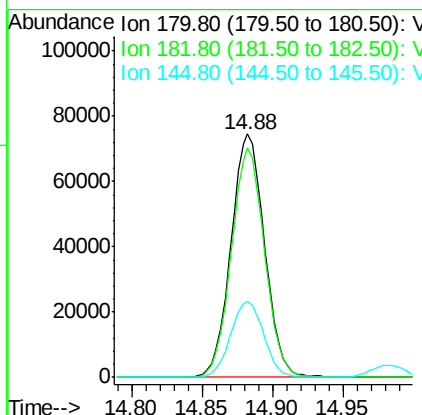
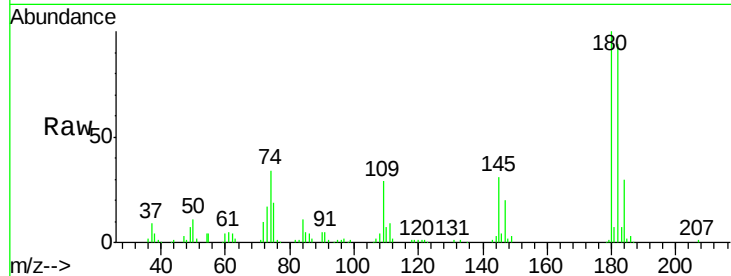
#93
 1,2,4-Trichlorobenzene
 Concen: 57.117 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN070820

Tot Ion	Ratio	Resp	Lower	Upper
180	100	124203		
182	93.2	48.4	145.2	
145	30.9	15.5	46.5	

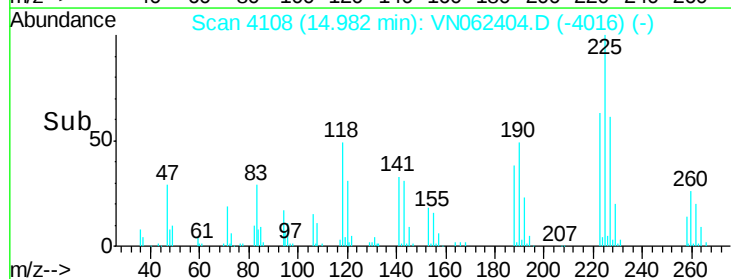
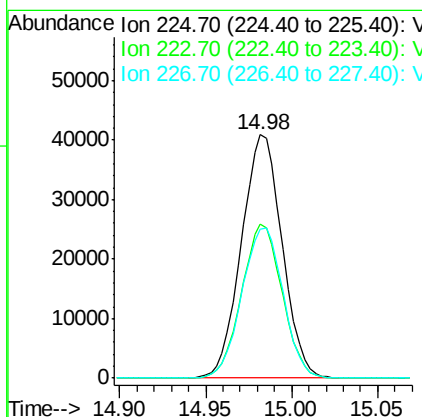
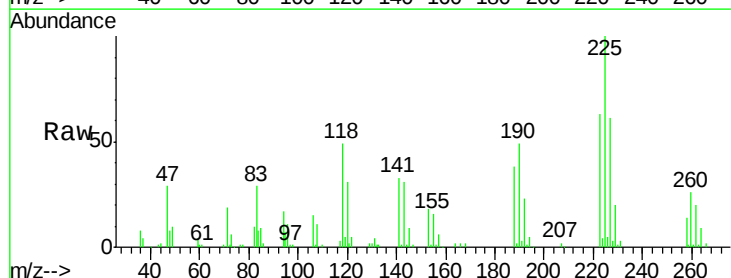
Manual Integrations
 APPROVED

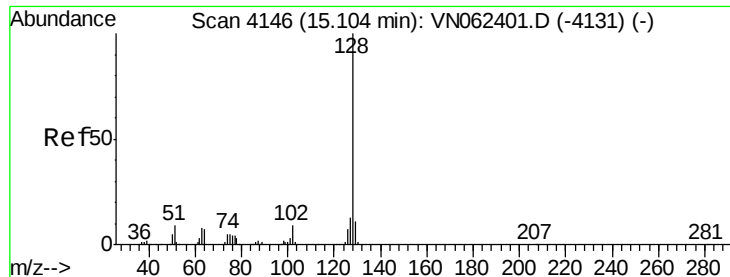
MMDadoda
 7/9/2020 10:52:37 AM



#94
 Hexachlorobutadiene
 Concen: 56.096 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062404.D
 Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67009		
223	62.9	32.3	96.8	
227	62.5	31.9	95.7	





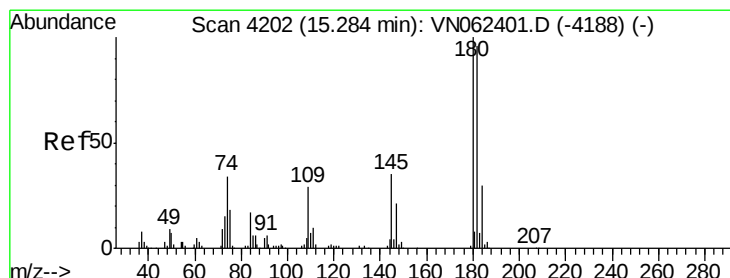
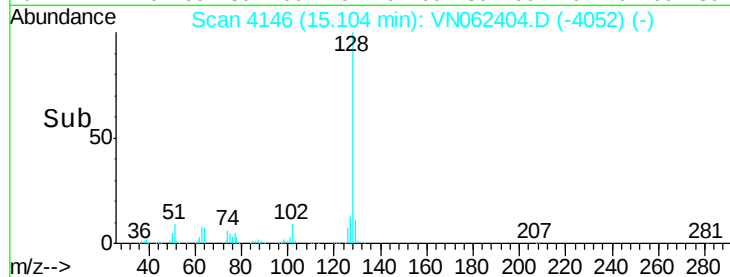
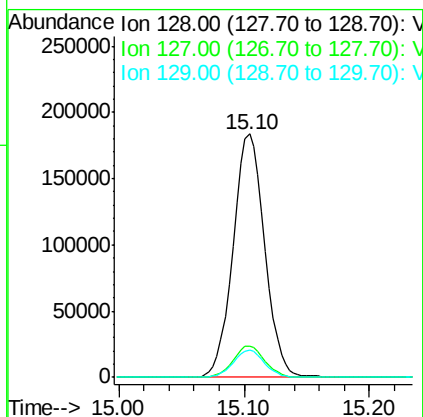
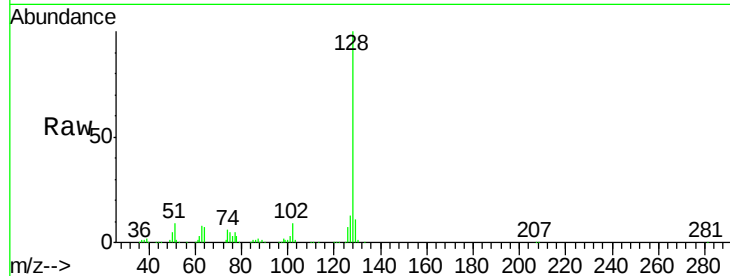
#95
Naphthalene
Concen: 54.268 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Instrument :
MSVOA_N
ClientSampleId :
ICVVN070820

Tot Ion	Ratio	Resp	Lower	Upper
128	100	321186		
127	12.9		10.2	15.2
129	10.9		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:52:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.682 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062404.D
Acq: 8 Jul 2020 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	122892		
182	94.8		47.8	143.4
145	32.5		17.0	50.9

