

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080620\
 Data File : VN062764.D
 Acq On : 6 Aug 2020 14:12
 Operator : JC/MD
 Sample : VN0806WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:50:42 PM

Quant Time: Aug 07 03:39:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	170330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	270476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	118054	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130232	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
35) Dibromofluoromethane	7.55	113	90277	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.06	98	342850	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.38	95	129179	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52090	21.357	ug/l	98
3) Chloromethane	2.04	50	52052	22.615	ug/l	99
4) Vinyl Chloride	2.16	62	48952	22.676	ug/l	96
5) Bromomethane	2.52	94	29668	20.760	ug/l	94
6) Chloroethane	2.66	64	28392	19.991	ug/l	96
7) Trichlorofluoromethane	2.97	101	71870	18.670	ug/l	98
8) Diethyl Ether	3.37	74	19839	18.003	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.71	101	32359	20.321	ug/l	97
10) Methyl Iodide	3.91	142	33679	18.051	ug/l	97
11) Tert butyl alcohol	4.74	59	41504	89.903	ug/l	99
12) 1,1-Dichloroethene	3.69	96	28906	19.207	ug/l	92
13) Acrolein	3.57	56	21061	75.348	ug/l	99
14) Allyl chloride	4.27	41	56029	18.788	ug/l	95
15) Acrylonitrile	4.93	53	103448	96.612	ug/l	99
16) Acetone	3.78	43	93344	91.713	ug/l	100
17) Carbon Disulfide	4.00	76	77272	18.172	ug/l	100
18) Methyl Acetate	4.28	43	48072	19.276	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	118992	18.031	ug/l	100
20) Methylene Chloride	4.50	84	35354	18.502	ug/l	94
21) trans-1,2-Dichloroethene	4.98	96	30292	17.772	ug/l	95
22) Diisopropyl ether	5.90	45	127346	20.060	ug/l	93
23) Vinyl Acetate	5.84	43	436386	90.374	ug/l	100
24) 1,1-Dichloroethane	5.79	63	66458	17.864	ug/l	99
25) 2-Butanone	6.79	43	136084	94.404	ug/l	96
26) 2,2-Dichloropropane	6.77	77	59878	17.461	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	37435	18.308	ug/l	96
28) Bromochloromethane	7.15	49	34998	19.492	ug/l	99
29) Tetrahydrofuran	7.17	42	89367	95.427	ug/l	99
30) Chloroform	7.33	83	71824	18.166	ug/l	99
31) Cyclohexane	7.61	56	65432	19.160	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	62507	17.683	ug/l	98
36) 1,1-Dichloropropene	7.75	75	46939	17.823	ug/l	97
37) Ethyl Acetate	6.88	43	52003	18.903	ug/l	98
38) Carbon Tetrachloride	7.73	117	53899	17.304	ug/l	96

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Manual Integrations
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 8/7/2020 12:50:42 PM

Quant Time: Aug 07 03:39:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	59988	18.927	ug/l	97
40) Benzene	8.00	78	144675	18.409	ug/l	100
41) Methacrylonitrile	7.13	41	25805	20.787	ug/l #	71
42) 1,2-Dichloroethane	8.08	62	60825	18.184	ug/l	98
43) Isopropyl Acetate	8.13	43	85784	18.694	ug/l	99
44) Trichloroethene	8.80	130	34188	17.856	ug/l	96
45) 1,2-Dichloropropane	9.08	63	40658	19.115	ug/l	93
46) Dibromomethane	9.17	93	25553	18.335	ug/l	98
47) Bromodichloromethane	9.37	83	58330	18.635	ug/l	99
48) Methyl methacrylate	9.17	41	40301	17.856	ug/l	98
49) 1,4-Dioxane	9.17	88	16813	402.015	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	288202	97.070	ug/l	99
52) Toluene	10.12	92	89966	18.541	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	61633	17.901	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	63188	18.279	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	37835	18.257	ug/l	99
56) Ethyl methacrylate	10.40	69	58166	18.647	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66032	18.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	81774	92.744	ug/l	98
59) 2-Hexanone	10.72	43	212595	95.993	ug/l	98
60) Dibromochloromethane	10.87	129	42243	17.862	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37221	18.202	ug/l	99
64) Tetrachloroethene	10.60	164	30769	18.775	ug/l	96
65) Chlorobenzene	11.41	112	97259	18.318	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	38083	17.861	ug/l	98
67) Ethyl Benzene	11.48	91	173652	18.277	ug/l	98
68) m/p-Xylenes	11.60	106	129865	37.653	ug/l	98
69) o-Xylene	11.92	106	62584	19.363	ug/l	96
70) Styrene	11.94	104	107386	18.902	ug/l	98
71) Bromoform	12.10	173	30295	17.366	ug/l #	99
73) Isopropylbenzene	12.22	105	173799	19.551	ug/l	99
74) N-amyl acetate	12.05	43	71541	19.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	58894	18.820	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	58567m	18.395	ug/l	
77) Bromobenzene	12.50	156	41341	18.717	ug/l	99
78) n-propylbenzene	12.57	91	204146	19.564	ug/l	99
79) 2-Chlorotoluene	12.65	91	124400	19.011	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	152032	19.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	19316	18.521	ug/l	96
82) 4-Chlorotoluene	12.75	91	129311	19.176	ug/l	99
83) tert-Butylbenzene	12.97	119	126456	19.378	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	145680	19.745	ug/l	100
85) sec-Butylbenzene	13.15	105	169502	19.780	ug/l	100
86) p-Isopropyltoluene	13.26	119	147828	19.434	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	73370	18.594	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	72375	18.288	ug/l	98
89) n-Butylbenzene	13.59	91	121080	18.821	ug/l	97
90) Hexachloroethane	13.85	117	29762	18.152	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	70345	19.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12009	17.875	ug/l	97

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ClientSampleId :
VN0806WBS01

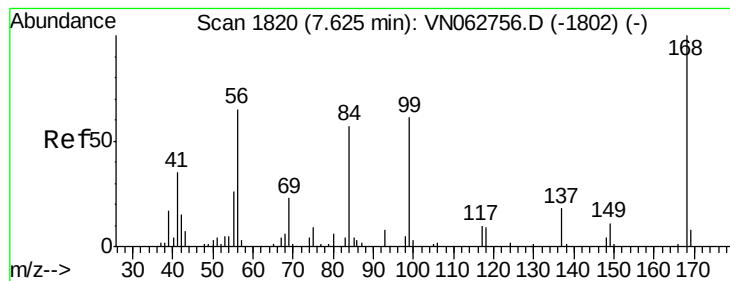
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	30939	17.860	ug/l	98
94) Hexachlorobutadiene	14.98	225	22748	18.564	ug/l	97
95) Naphthalene	15.11	128	79984	17.353	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	31788	18.084	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tot Ion:168 Resp: 170330

Ion Ratio Lower Upper

168 100

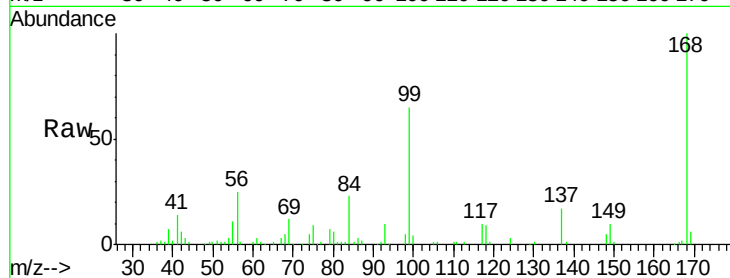
99 64.8 52.9 79.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

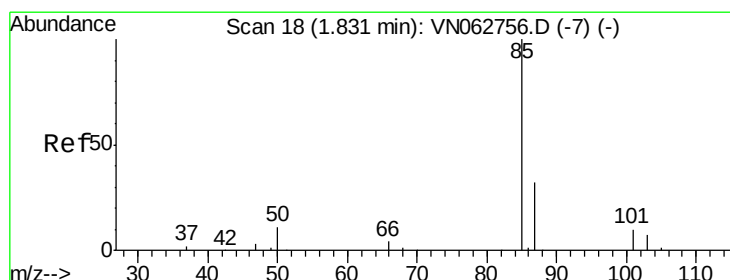
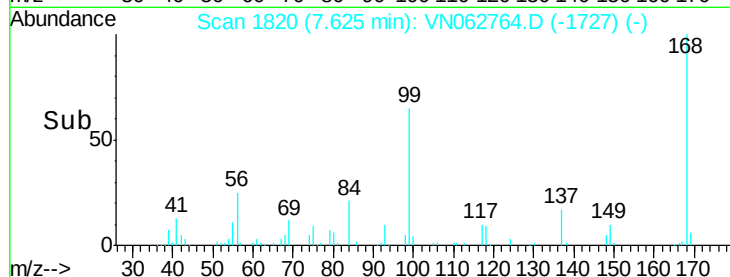
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.357 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062764.D

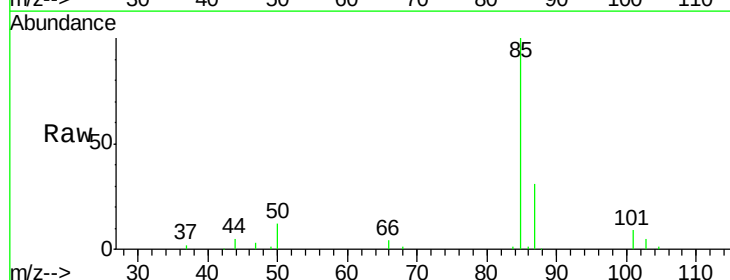
Acq: 6 Aug 2020 14:12

Tgt Ion: 85 Resp: 52090

Ion Ratio Lower Upper

85 100

87 31.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

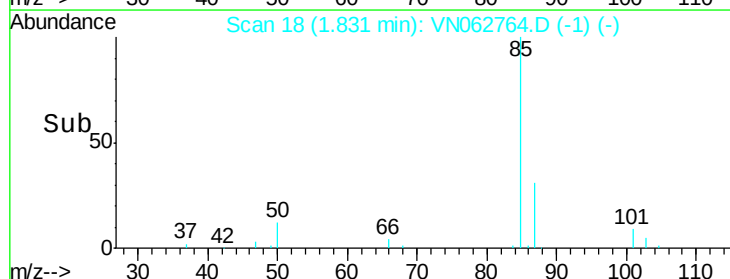
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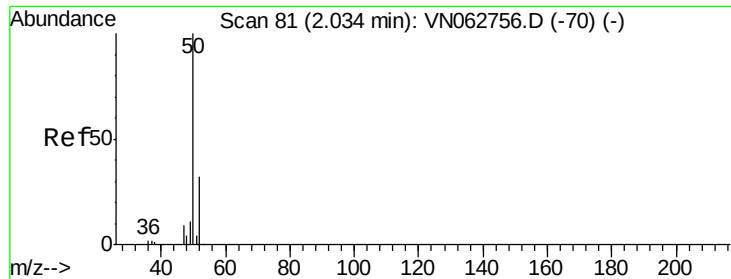
20000

10000

0

Time-->





#3

Chloromethane

Concen: 22.615 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tot Ion: 50 Resp: 52052

Ion Ratio Lower Upper

50 100

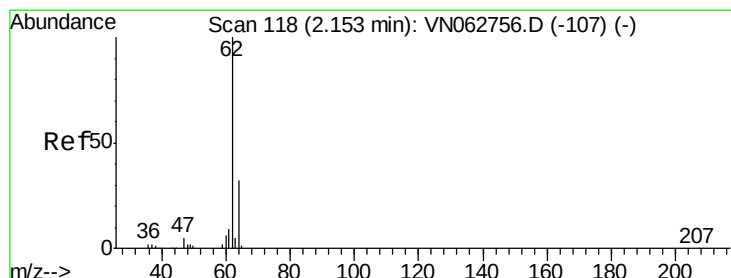
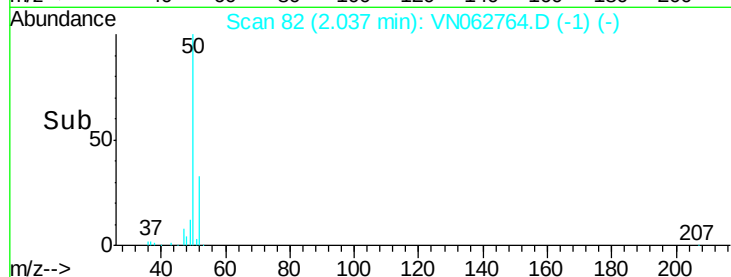
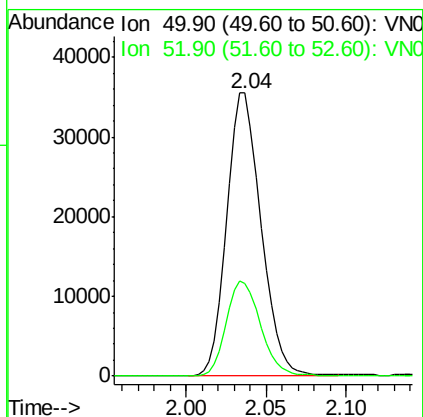
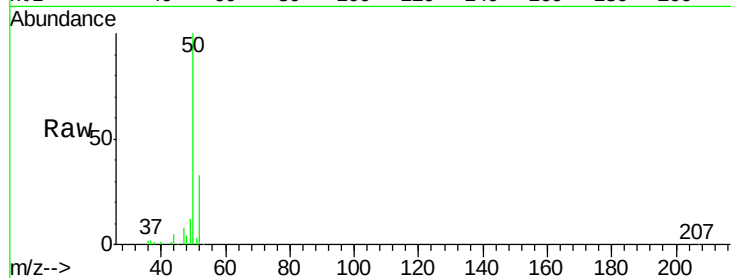
52 32.7 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.676 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062764.D

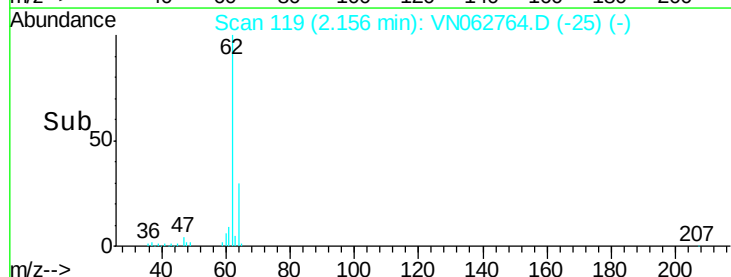
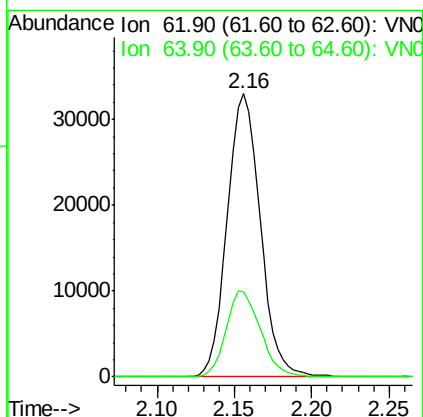
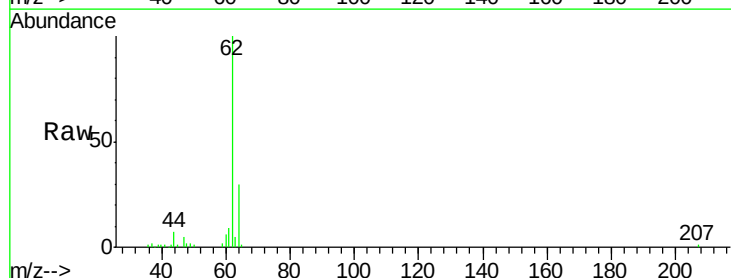
Acq: 6 Aug 2020 14:12

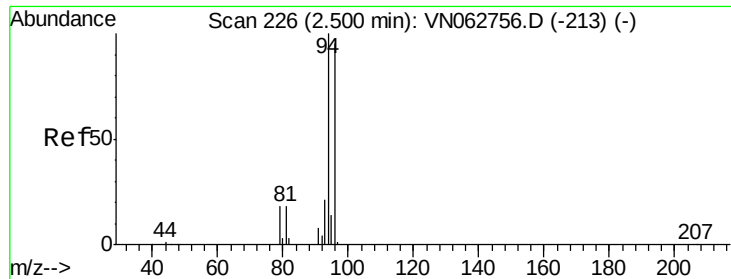
Tgt Ion: 62 Resp: 48952

Ion Ratio Lower Upper

62 100

64 30.1 25.8 38.8





#5

Bromomethane

Concen: 20.760 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tot Ion: 94 Resp: 29668

Ion Ratio Lower Upper

94 100

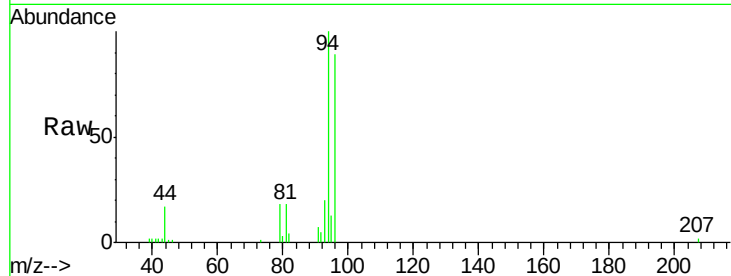
96 89.4 76.2 114.4

Manual Integrations

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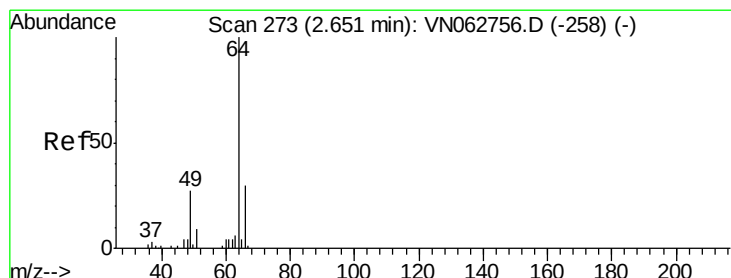
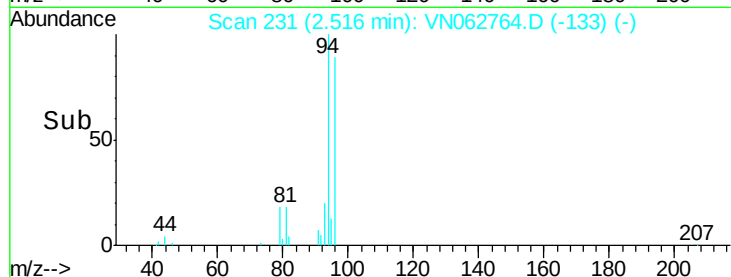
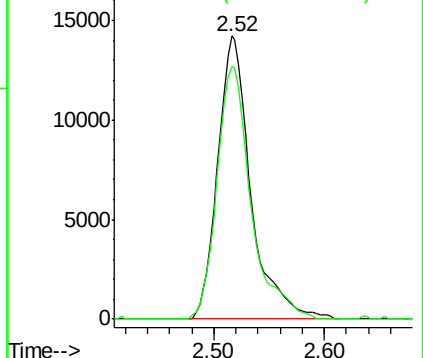
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.991 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062764.D

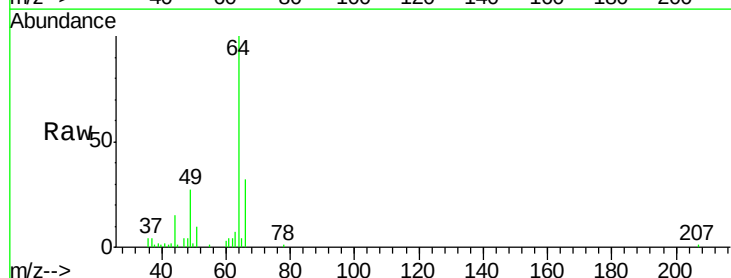
Acq: 6 Aug 2020 14:12

Tgt Ion: 64 Resp: 28392

Ion Ratio Lower Upper

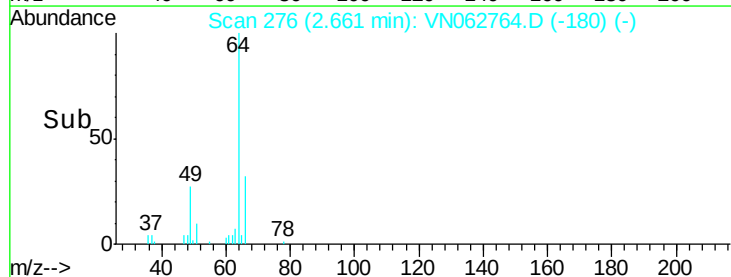
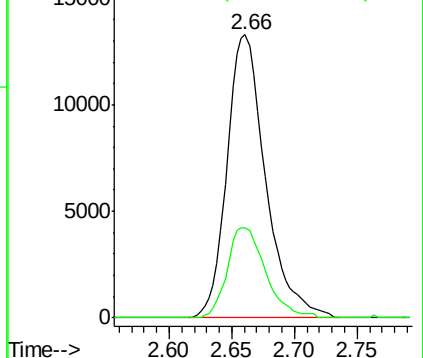
64 100

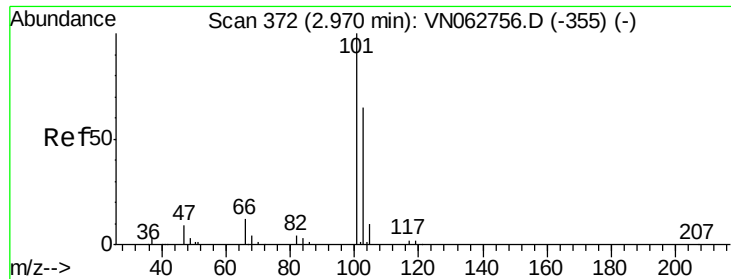
66 31.9 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

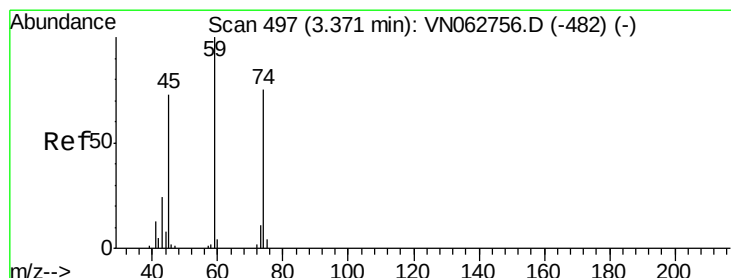
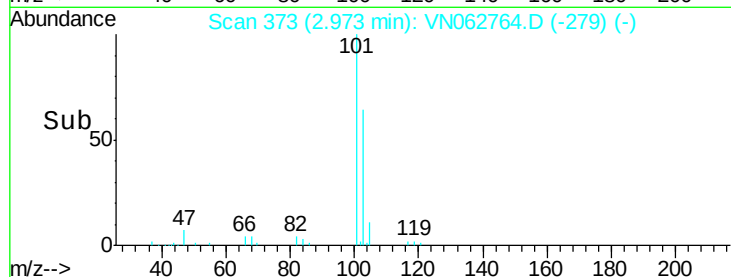
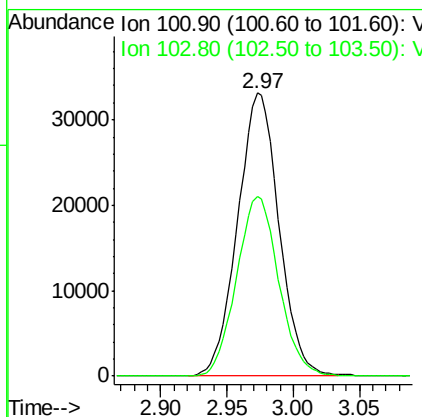
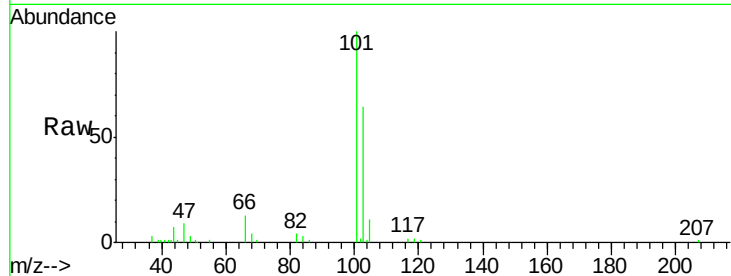
Trichlorofluoromethane
 Concen: 18.670 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
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 ClientSampleId :
 VN0806WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.3	78.5

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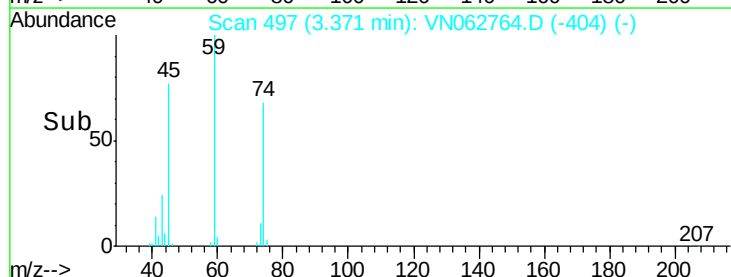
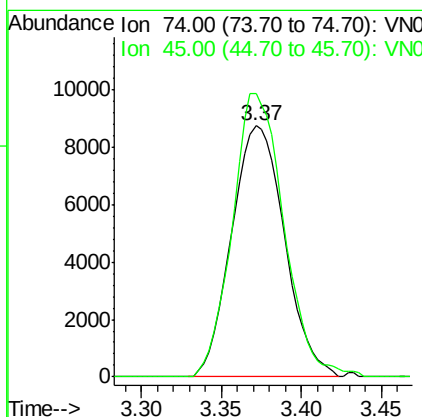
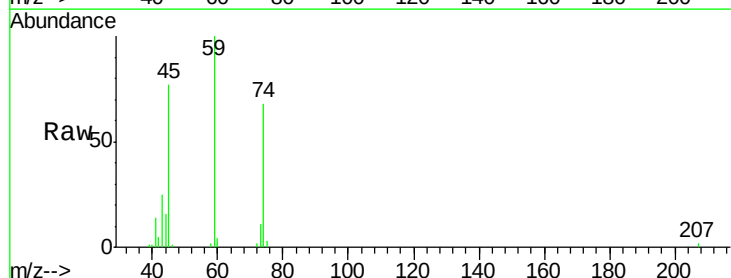
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 8/7/2020 12:50:42 PM

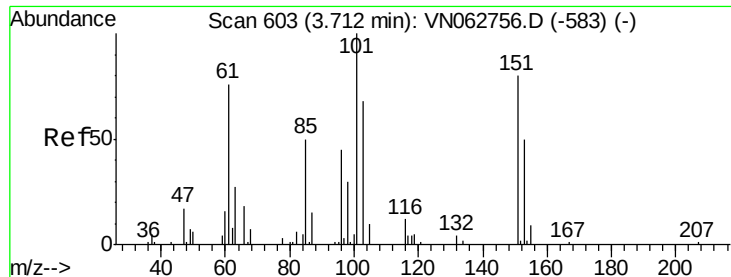


#8

Diethyl Ether
 Concen: 18.003 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.8	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.321 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

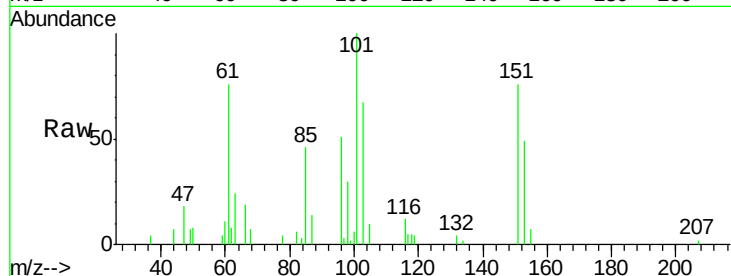
ClientSampled :

VN0806WBS01

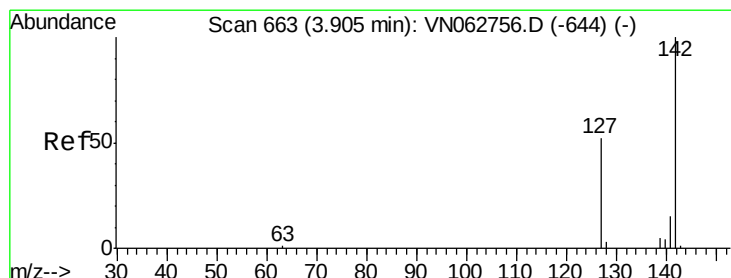
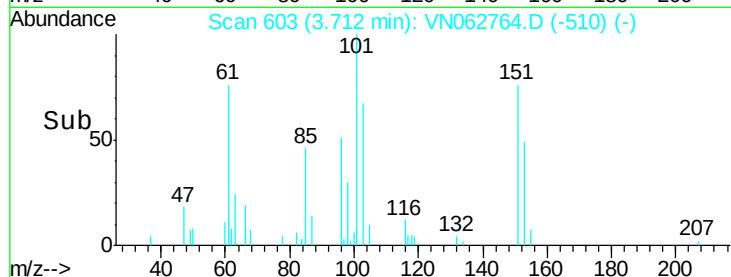
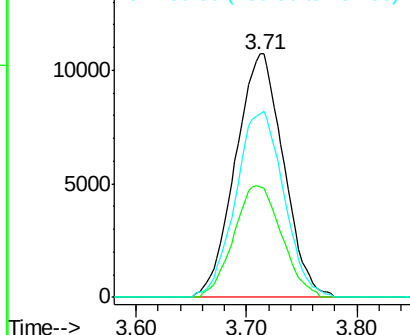
Tot Ion:	101	Resp:	32359
Ion Ratio	Lower	Upper	
101	100		
85	45.5	38.5	57.7
151	76.6	63.0	94.6

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.051 ug/l

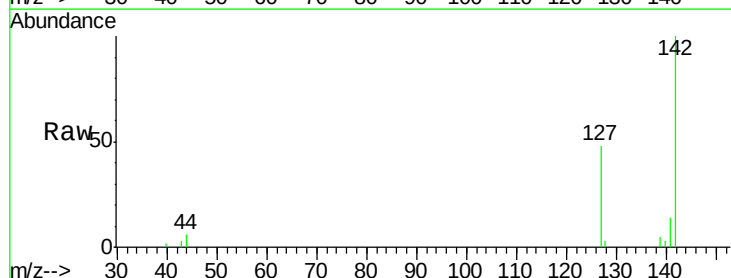
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

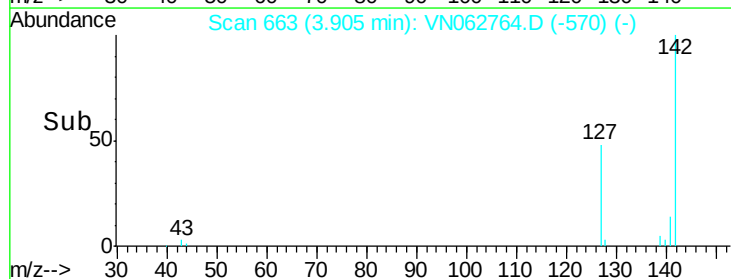
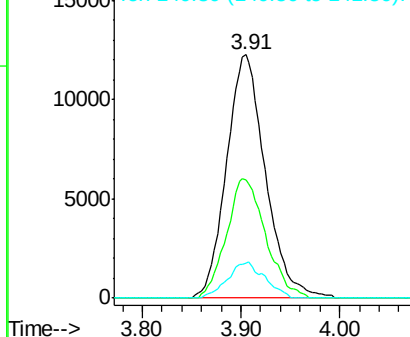
Lab File: VN062764.D

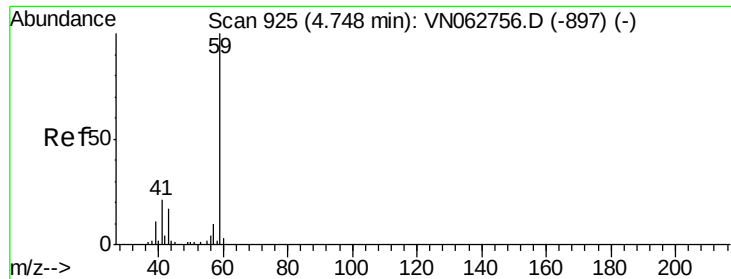
Acq: 6 Aug 2020 14:12

Tgt Ion:	142	Resp:	33679
Ion Ratio	Lower	Upper	
142	100		
127	49.2	41.4	62.0
141	14.1	12.2	18.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





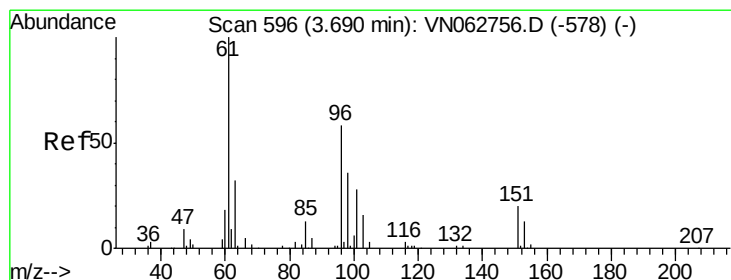
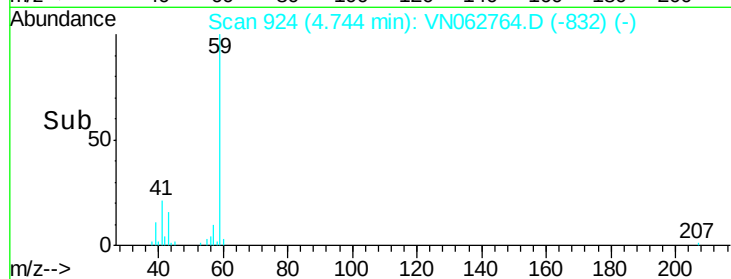
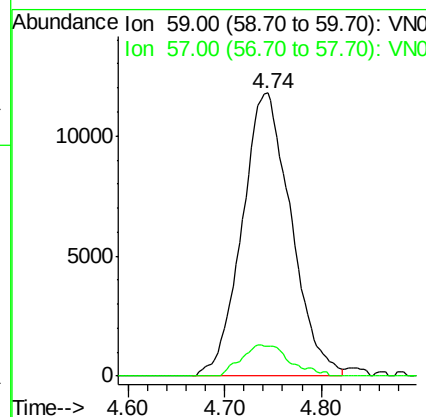
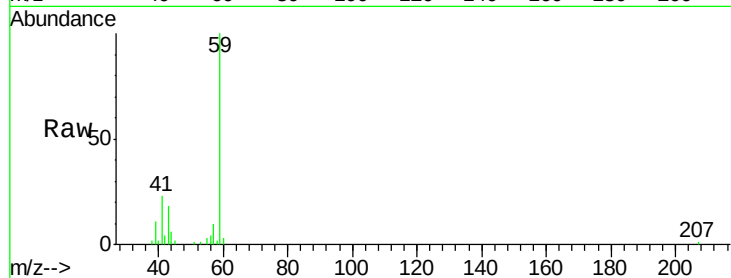
#11
Tert butyl alcohol
Concen: 89.903 ug/l
RT: 4.74 min Scan# 924
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

Tot Ion: 59 Resp: 41504
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

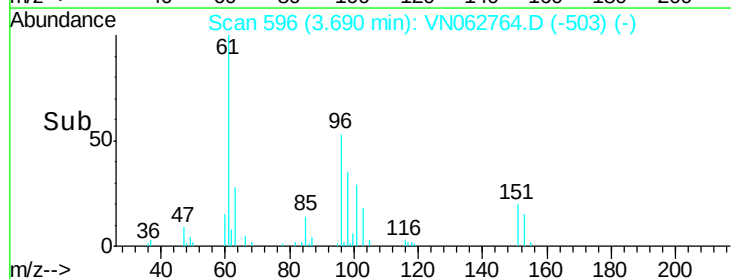
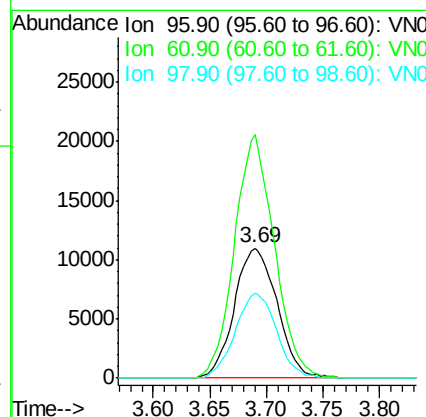
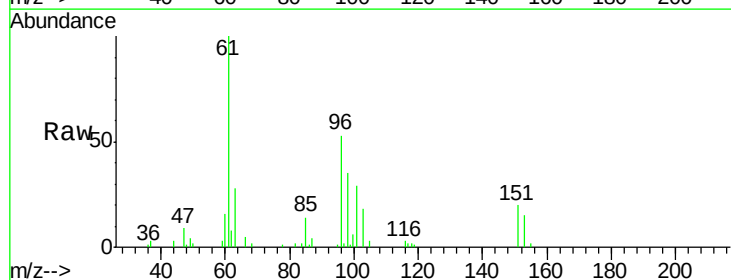
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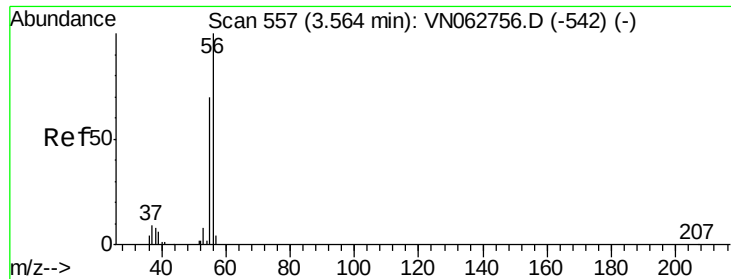
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.207 ug/l
RT: 3.69 min Scan# 596
Delta R.T. 0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 96 Resp: 28906
Ion Ratio Lower Upper
96 100
61 187.6 139.0 208.6
98 65.9 50.2 75.4





#13

Acrolein

Concen: 75.348 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tot Ion: 56 Resp: 21061

Ion Ratio Lower Upper

56 100

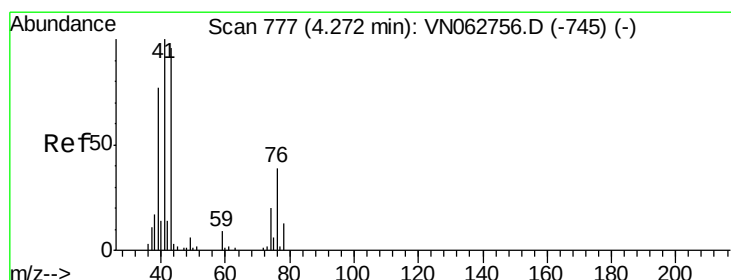
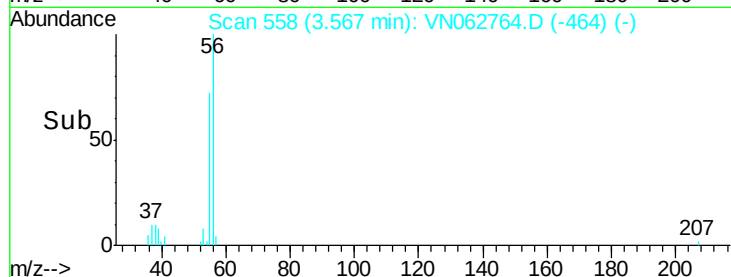
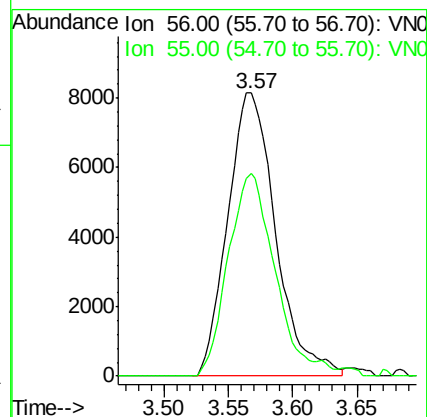
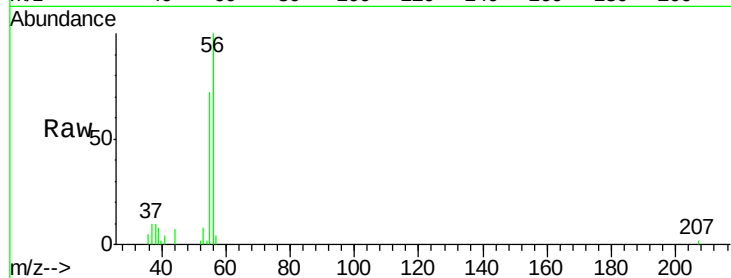
55 70.2 57.0 85.6

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#14

Allyl chloride

Concen: 18.788 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

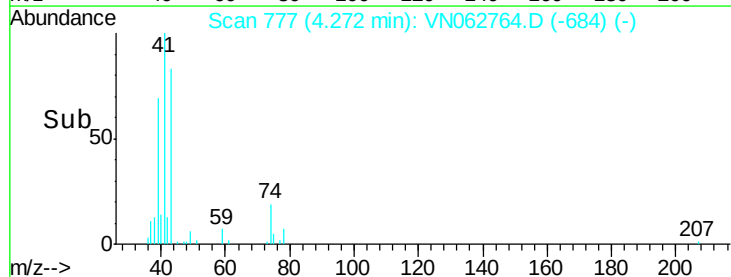
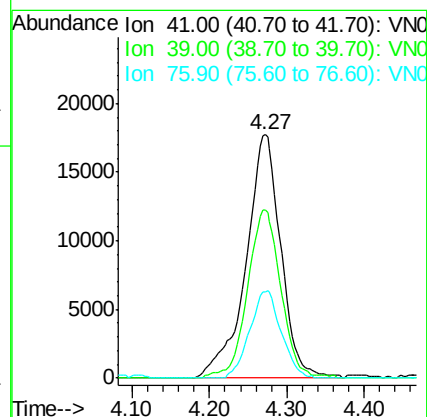
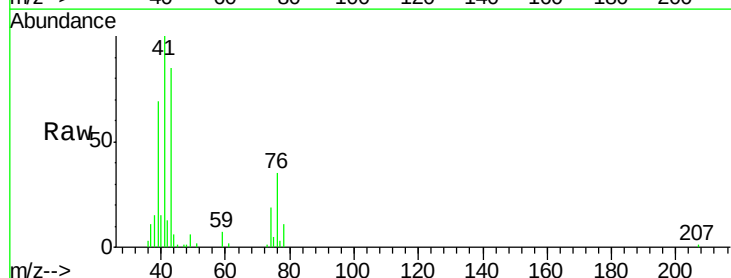
Tgt Ion: 41 Resp: 56029

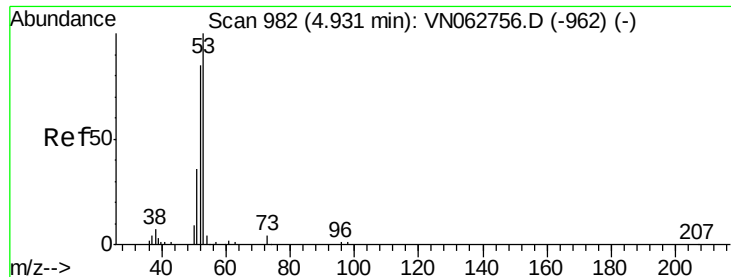
Ion Ratio Lower Upper

41 100

39 65.4 55.7 83.5

76 32.3 27.5 41.3





#15

Acrylonitrile

Concen: 96.612 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

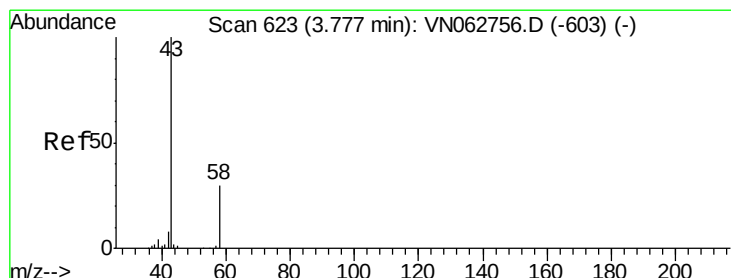
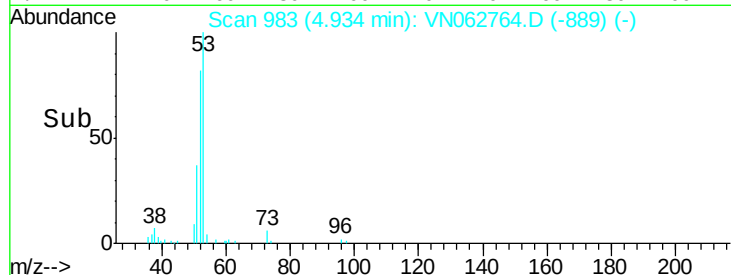
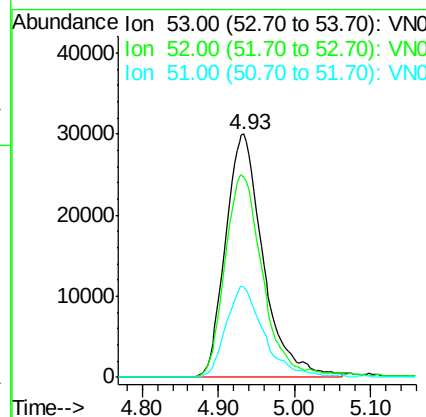
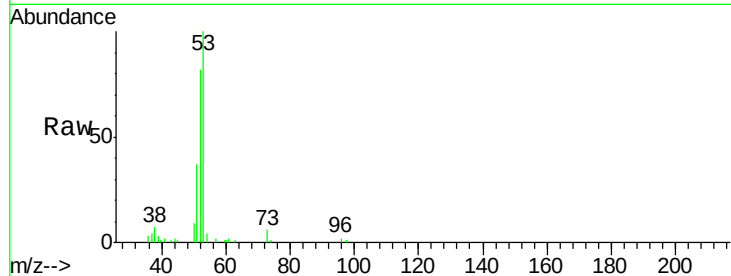
ClientSampled :

VN0806WBS01

Tot Ion:	53	Resp:	103448
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.8	100.2
51	37.6	29.5	44.3

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#16

Acetone

Concen: 91.713 ug/l

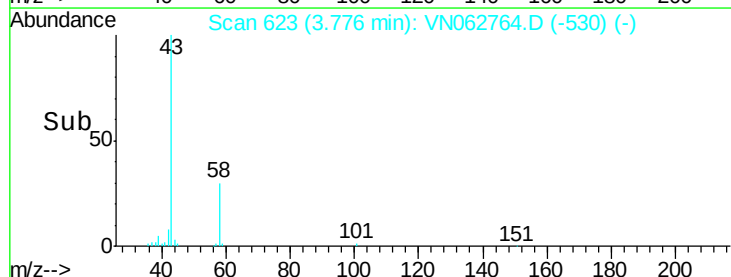
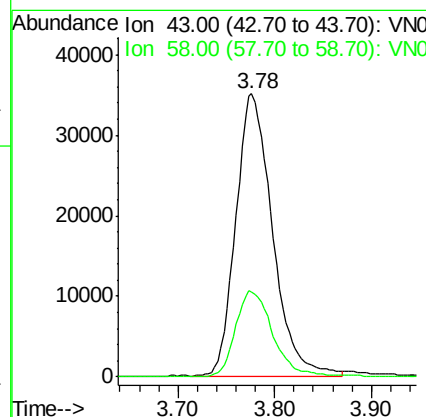
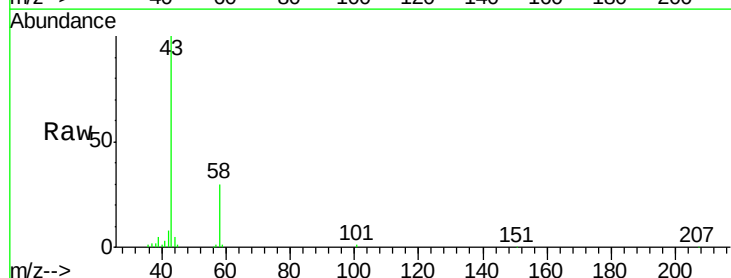
RT: 3.78 min Scan# 623

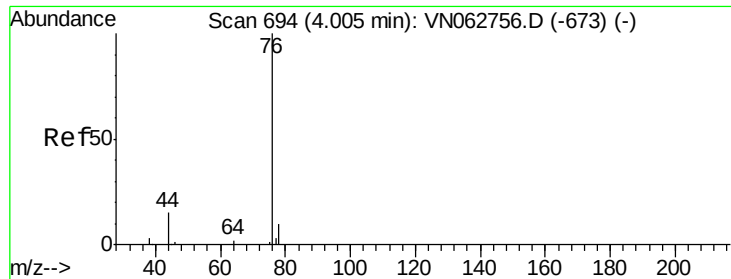
Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion:	43	Resp:	93344
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.1	36.1





#17

Carbon Disulfide

Concen: 18.172 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tot Ion: 76 Resp: 77272

Ion Ratio Lower Upper

76 100

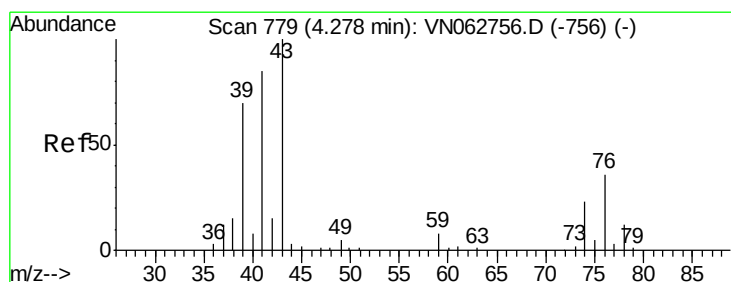
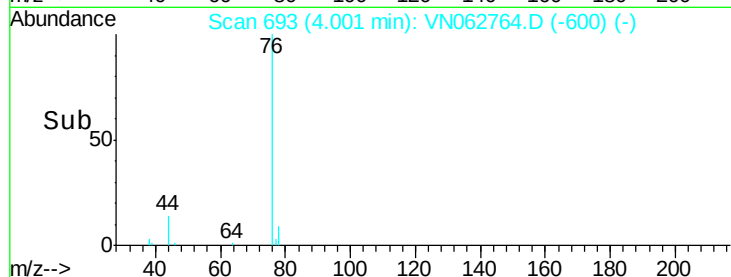
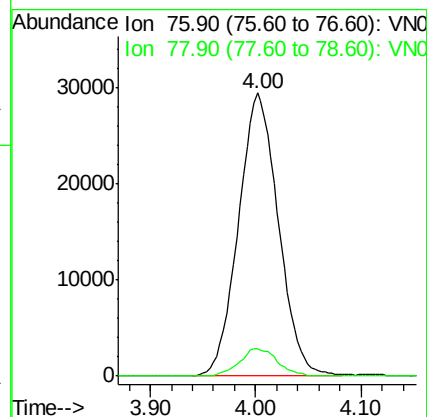
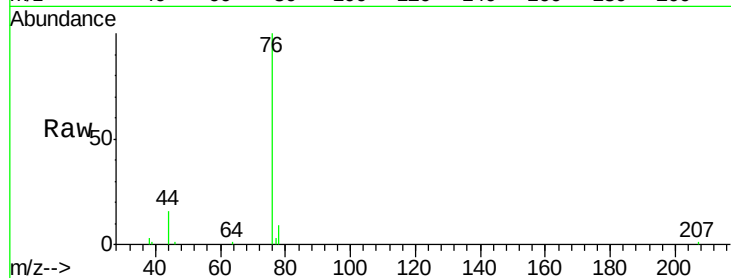
78 9.5 7.7 11.5

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#18

Methyl Acetate

Concen: 19.276 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062764.D

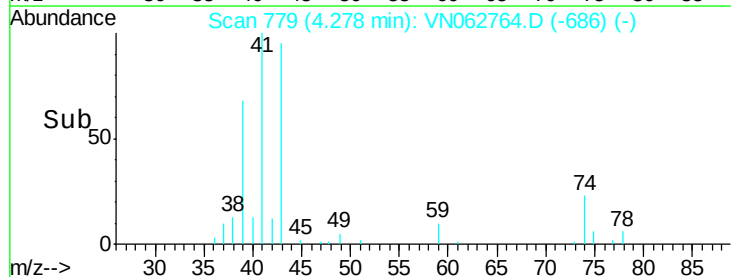
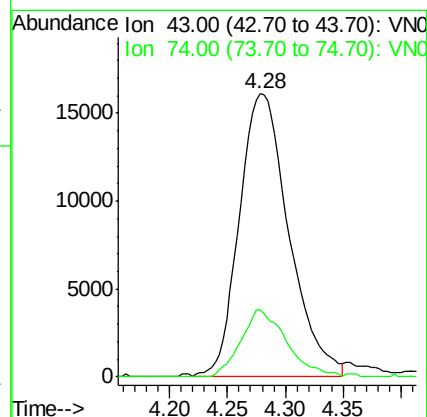
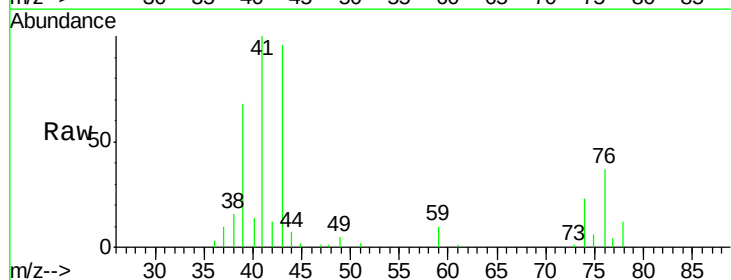
Acq: 6 Aug 2020 14:12

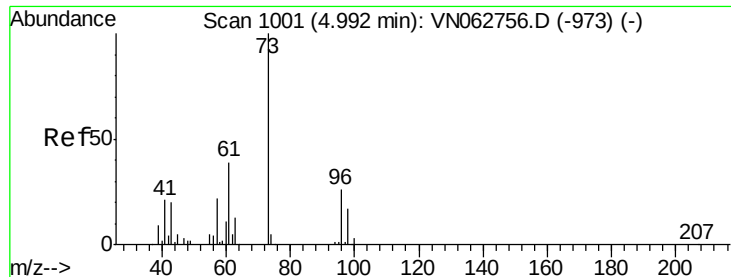
Tgt Ion: 43 Resp: 48072

Ion Ratio Lower Upper

43 100

74 21.8 18.6 28.0





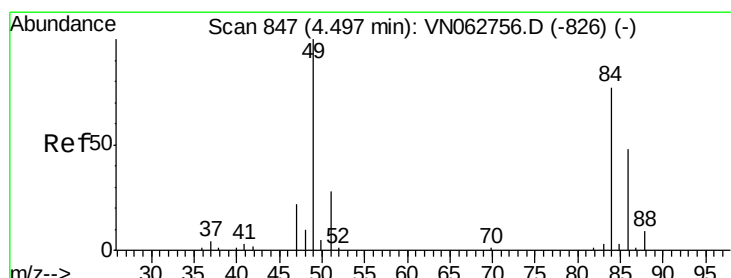
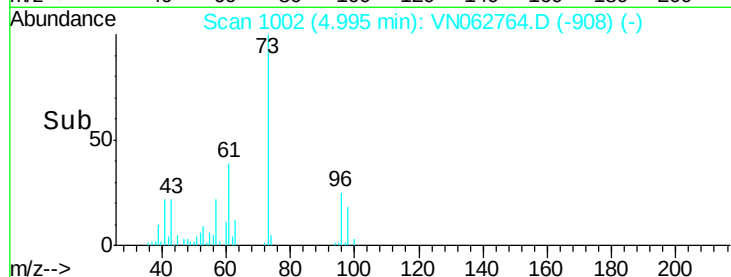
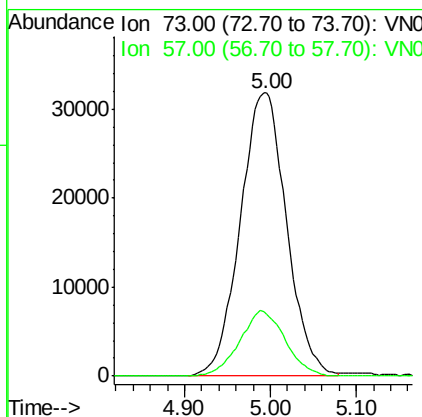
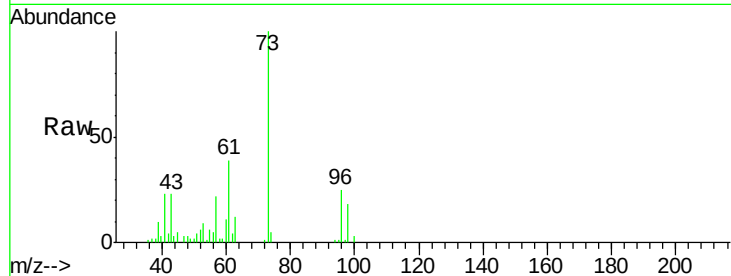
#19
Methyl tert-butyl Ether
Concen: 18.031 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

Tot Ion: 73 Resp: 118992
Ion Ratio Lower Upper
73 100
57 21.8 17.5 26.3

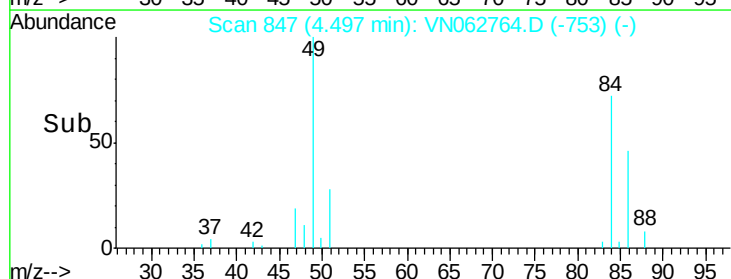
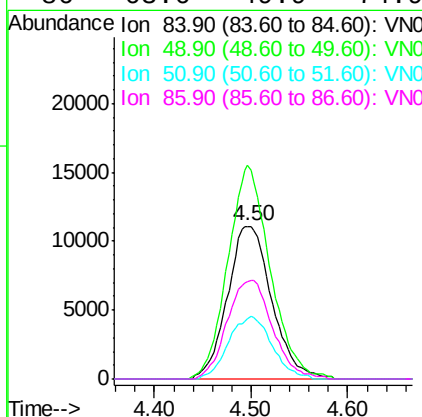
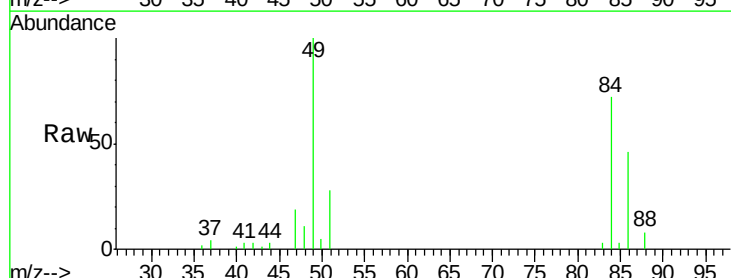
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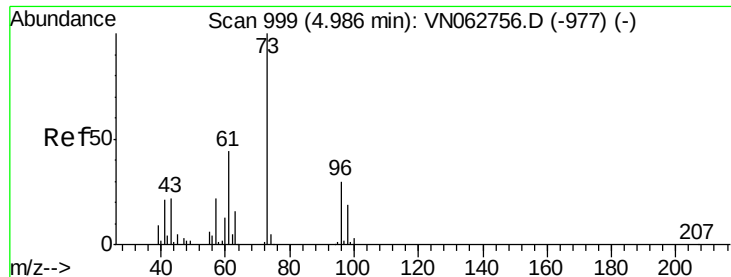
MMDadoda
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#20
Methylene Chloride
Concen: 18.502 ug/l
RT: 4.50 min Scan# 847
Delta R.T. 0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 84 Resp: 35354
Ion Ratio Lower Upper
84 100
49 139.8 103.4 155.2
51 39.7 29.3 43.9
86 63.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.772 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

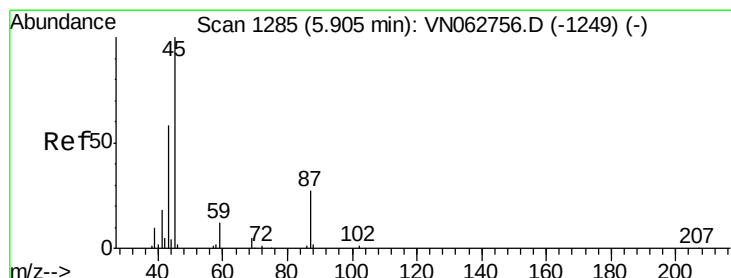
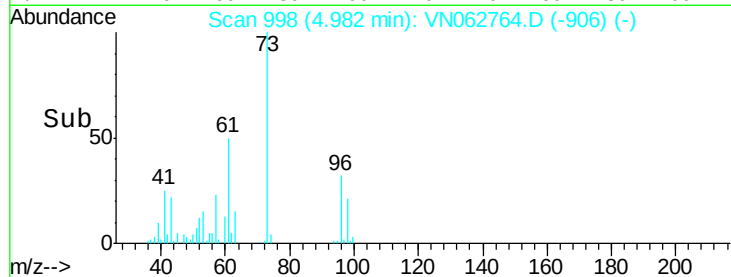
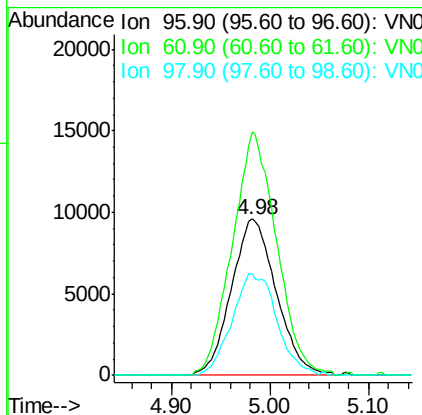
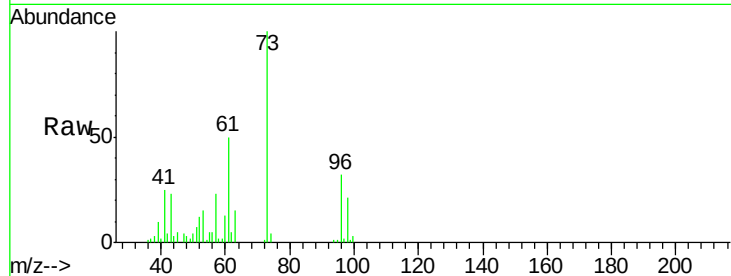
ClientSampleId :

VN0806WBS01

Tot Ion:	96	Resp:	30292
Ion	Ratio	Lower	Upper
96	100		
61	156.1	118.8	178.2
98	64.8	51.0	76.4

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#22

Diisopropyl ether

Concen: 20.060 ug/l

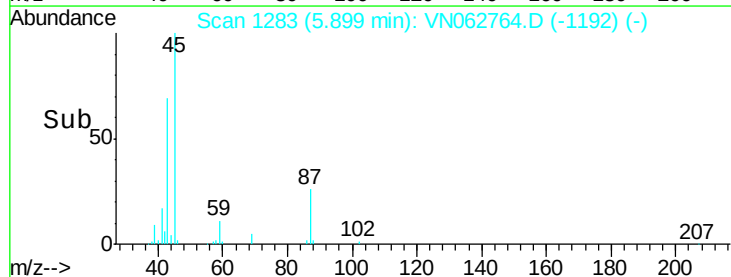
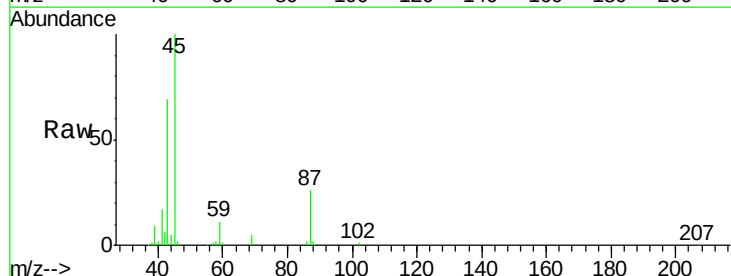
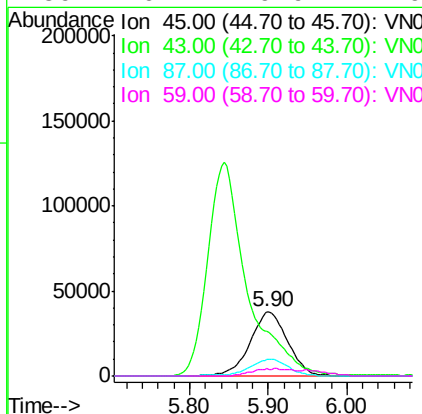
RT: 5.90 min Scan# 1283

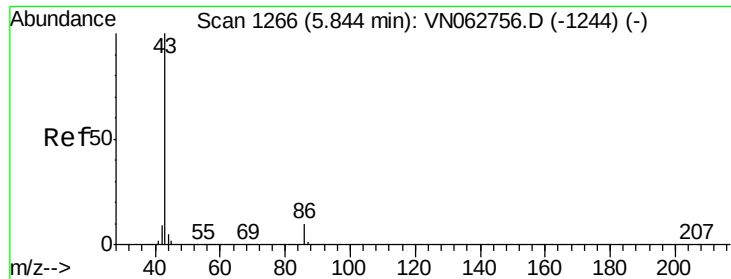
Delta R.T. -0.01 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion:	45	Resp:	127346
Ion	Ratio	Lower	Upper
45	100		
43	66.1	47.4	71.2
87	25.8	22.8	34.2
59	10.7	9.9	14.9





#23

Vinyl Acetate

Concen: 90.374 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

Tot Ion: 43 Resp: 436386

Ion Ratio Lower Upper

43 100

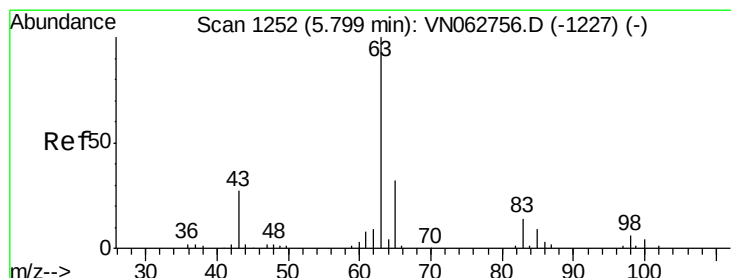
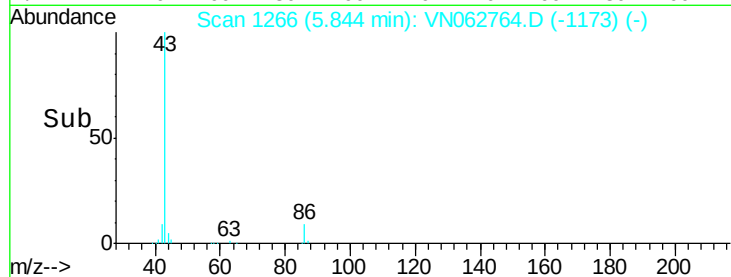
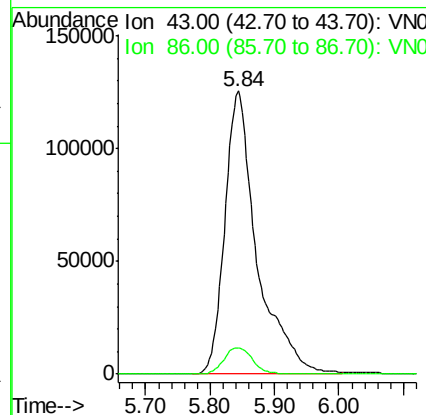
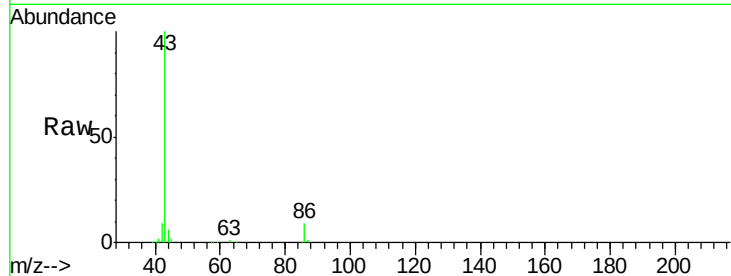
86 9.4 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 17.864 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

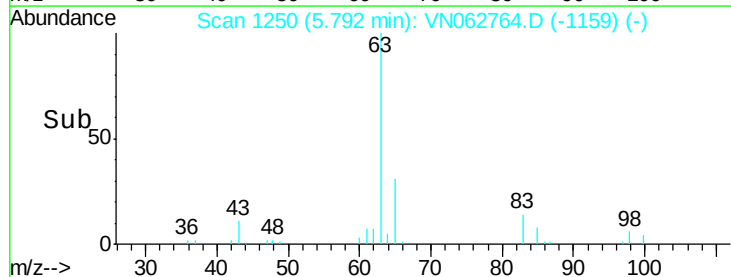
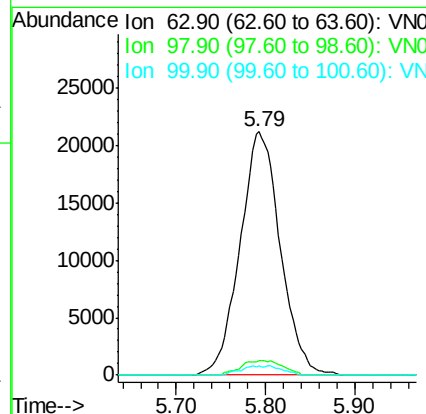
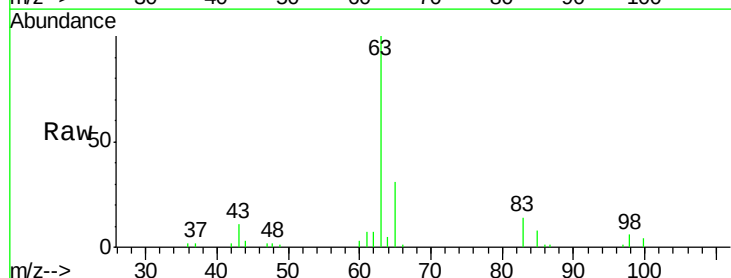
Tgt Ion: 63 Resp: 66458

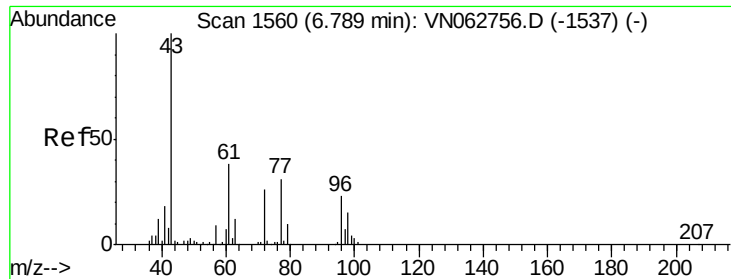
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.6 1.9 5.7





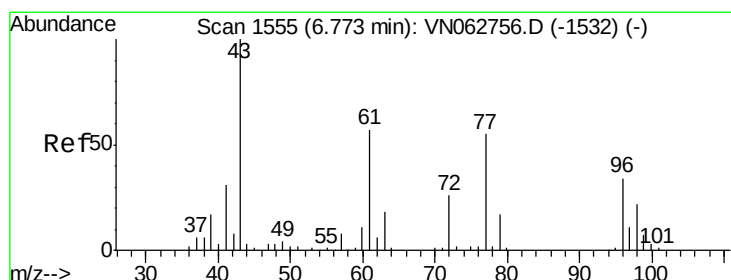
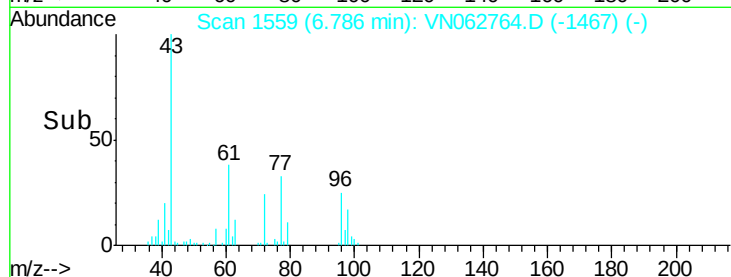
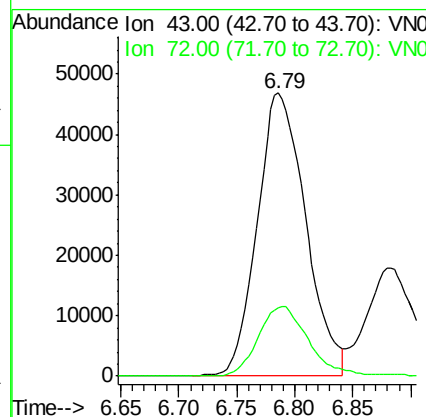
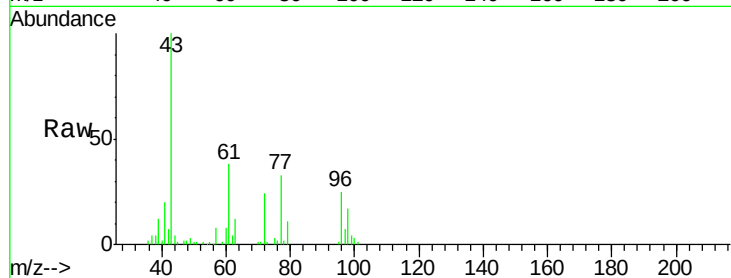
#25
 2-Butanone
 Concen: 94.404 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

Tot Ion: 43 Resp: 136084
 Ion Ratio Lower Upper
 43 100
 72 24.2 21.1 31.7

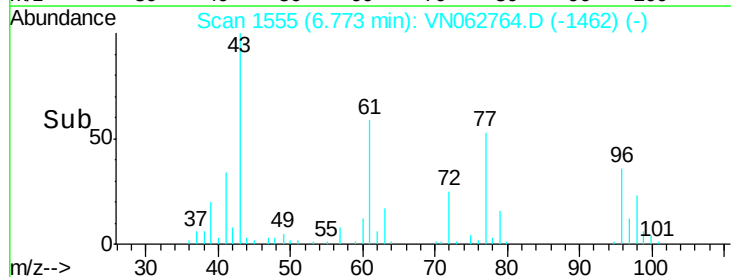
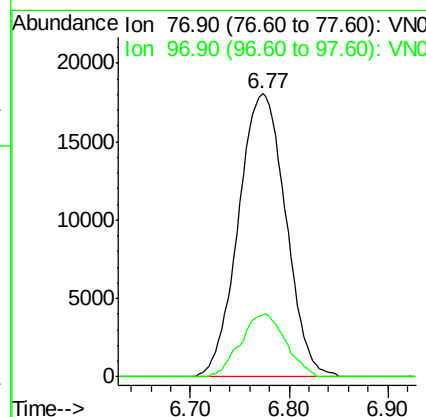
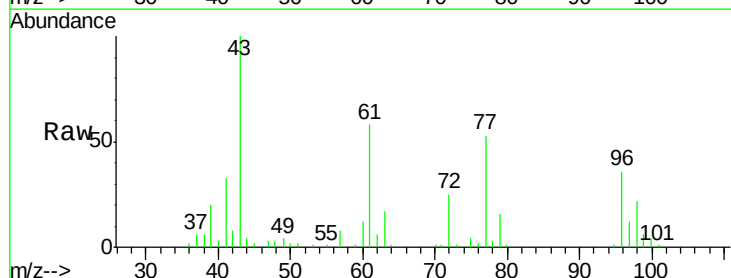
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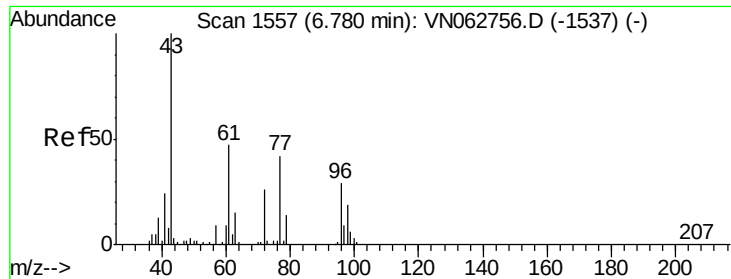
MMDadoda
 8/7/2020 12:50:42 PM



#26
 2,2-Dichloropropane
 Concen: 17.461 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 77 Resp: 59878
 Ion Ratio Lower Upper
 77 100
 97 21.2 10.5 31.6





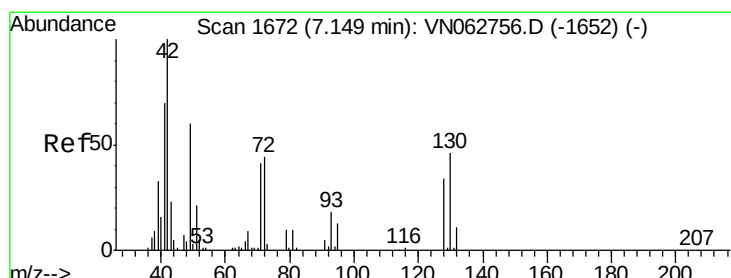
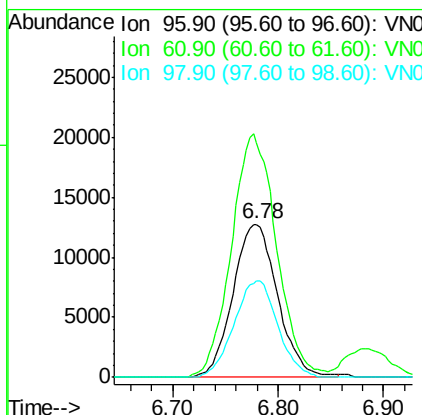
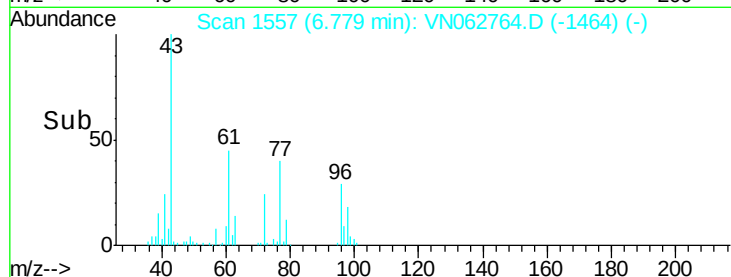
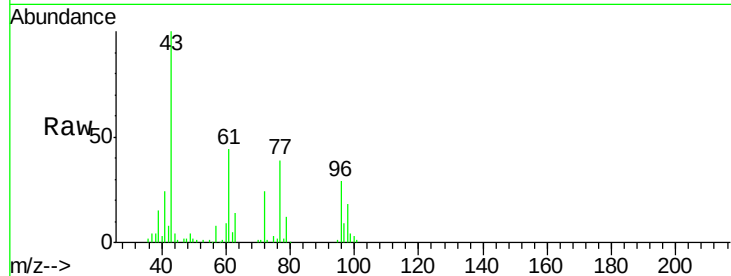
#27
 cis-1,2-Dichloroethene
 Concen: 18.308 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	37435		
61	161.0		0.0	332.2
98	61.7		0.0	129.4

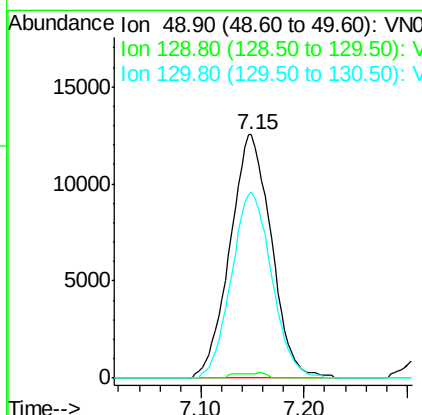
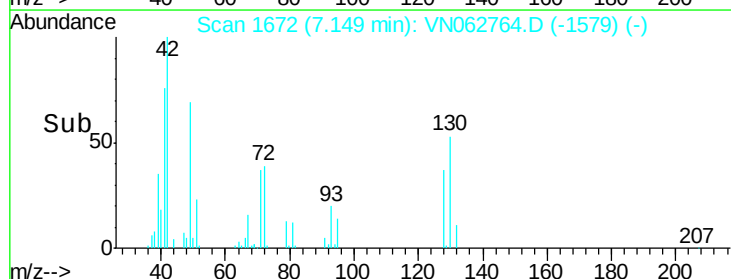
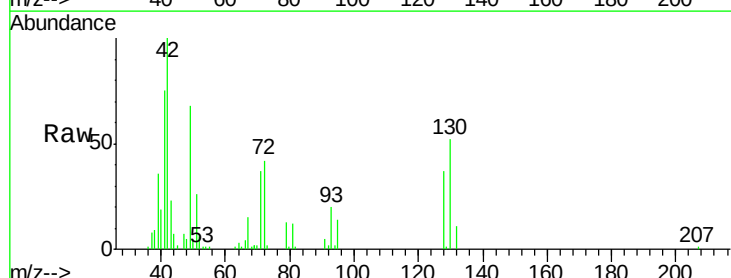
Manual Integrations
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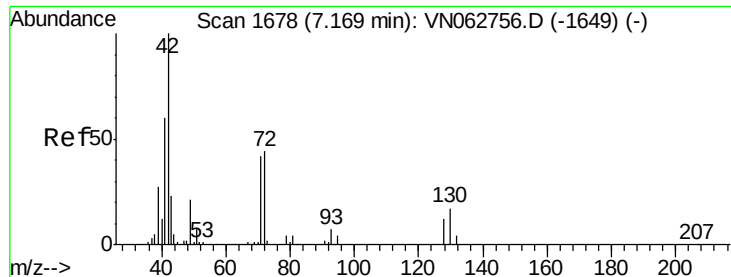
MMDadoda
 8/7/2020 12:50:42 PM



#28
 Bromochloromethane
 Concen: 19.492 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	34998		
129	1.6		0.0	3.2
130	74.4		59.0	88.6





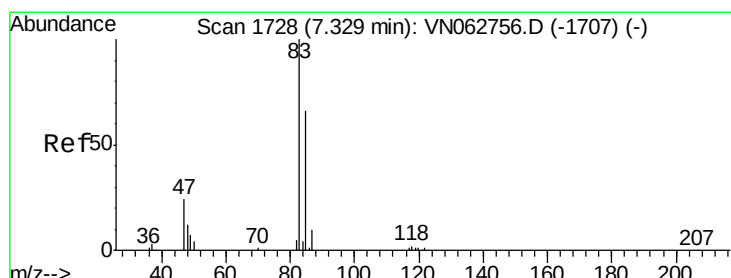
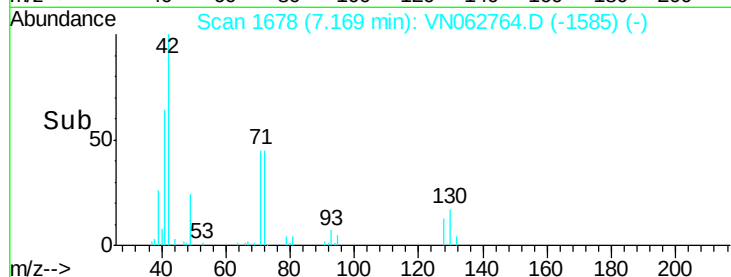
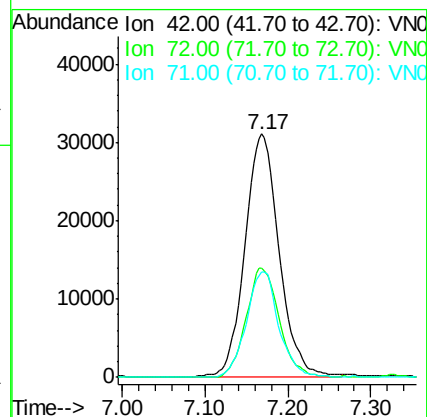
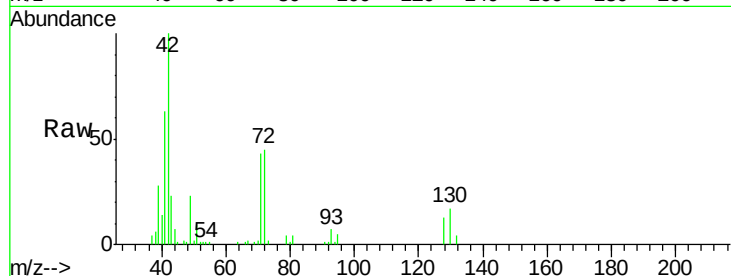
#29
Tetrahydrofuran
Concen: 95.427 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.0	52.4
71	40.7	33.2	49.8

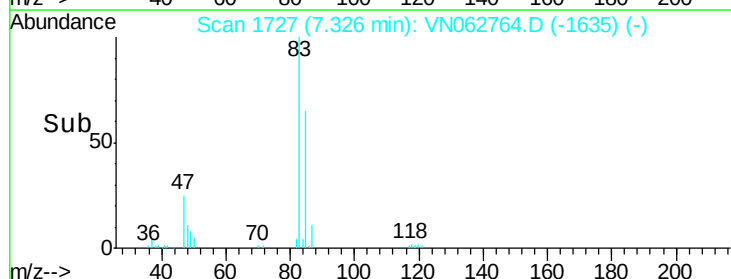
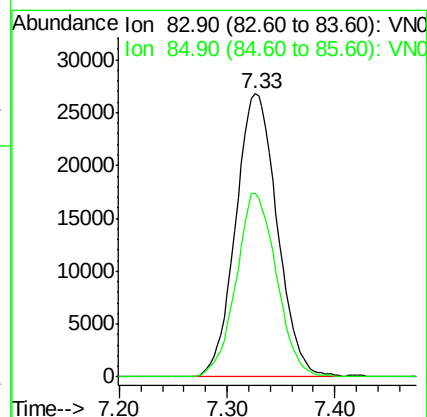
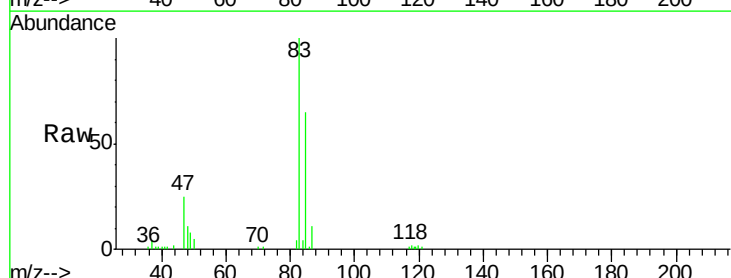
Manual Integrations
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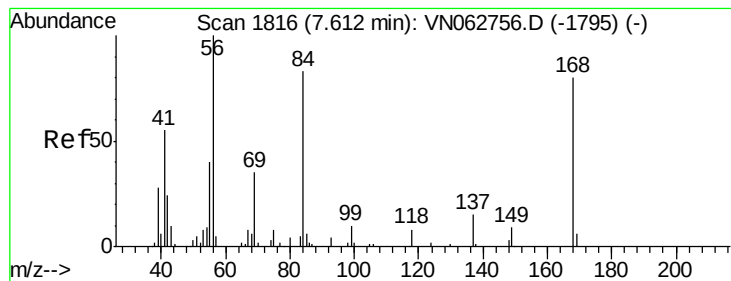
MMDadoda
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#30
Chloroform
Concen: 18.166 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.7	79.1





#31

Cyclohexane

Concen: 19.160 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

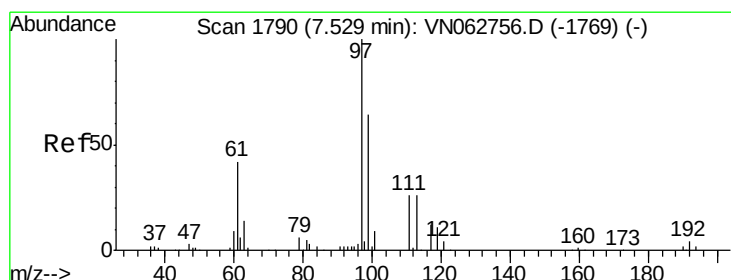
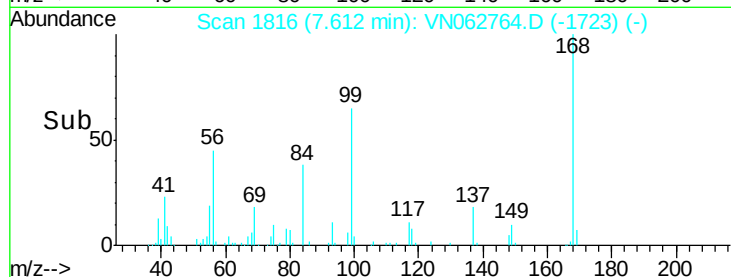
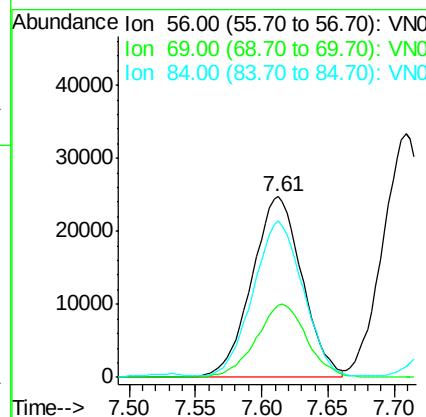
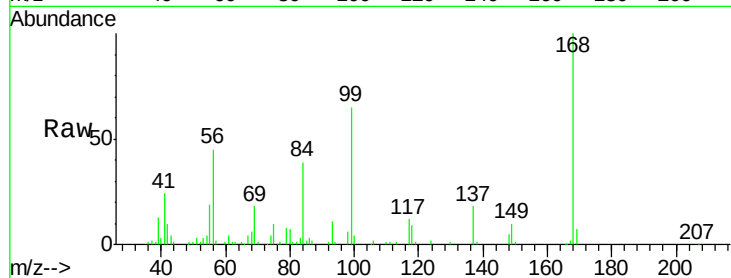
ClientSampleId :

VN0806WBS01

Tot Ion:	56	Resp:	65432
Ion	Ratio	Lower	Upper
56	100		
69	39.8	28.1	42.1
84	85.8	66.8	100.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.683 ug/l

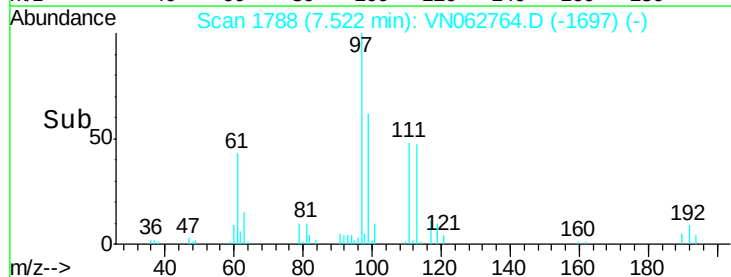
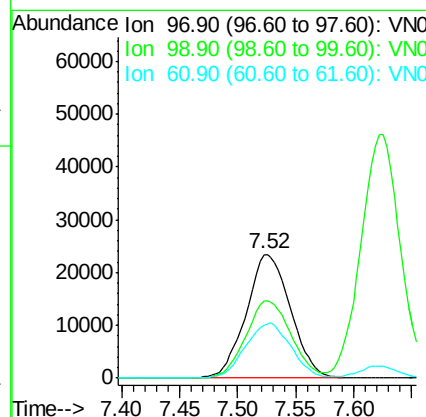
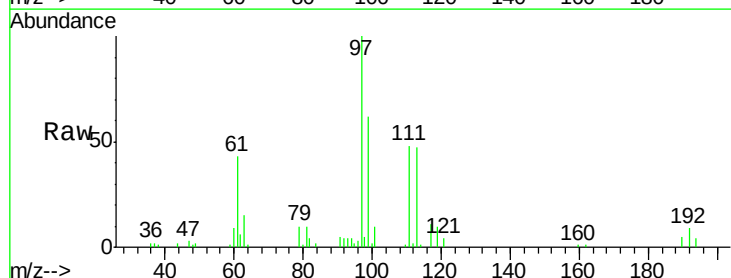
RT: 7.52 min Scan# 1788

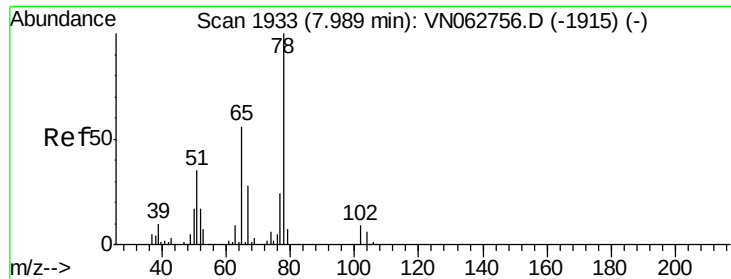
Delta R.T. -0.01 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion:	97	Resp:	62507
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.0	75.0
61	45.5	34.8	52.2





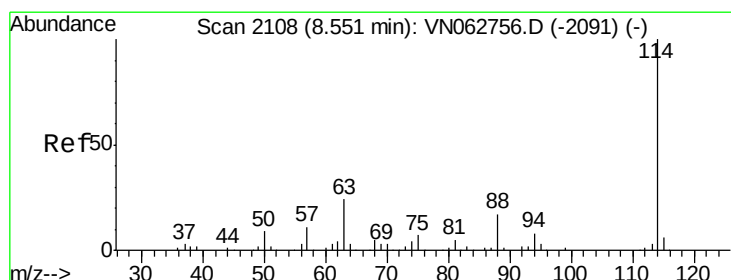
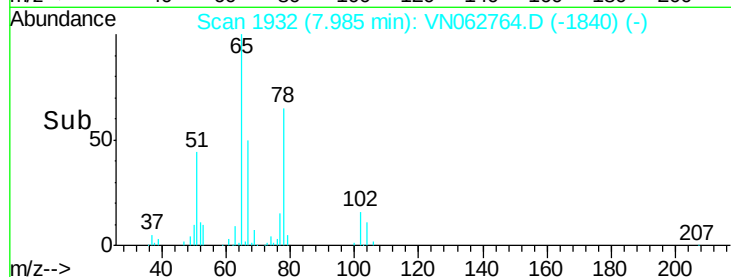
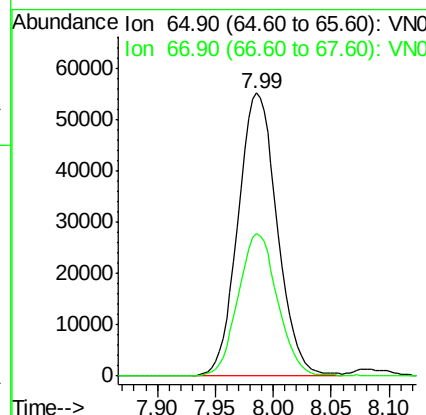
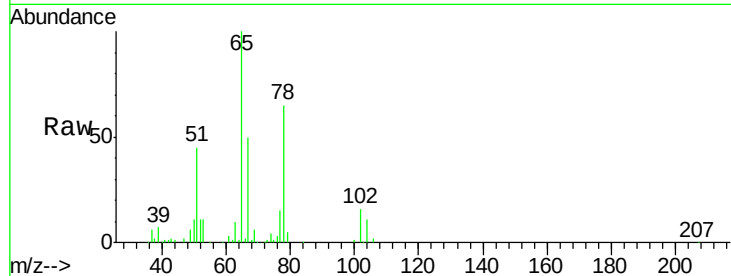
#33
 1,2-Dichloroethane-d4
 Concen: 46.235 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	130232		
67	50.5	0.0	101.4	

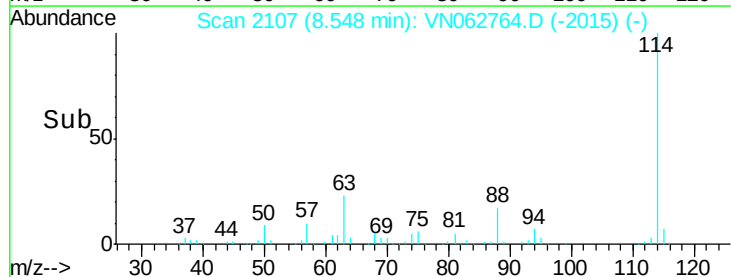
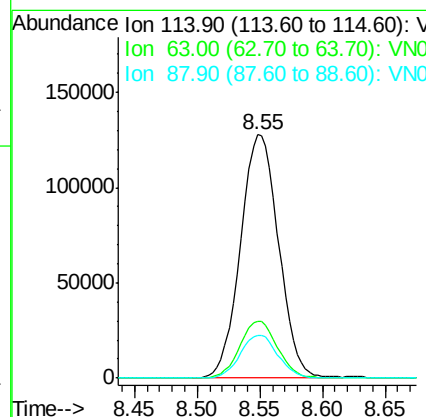
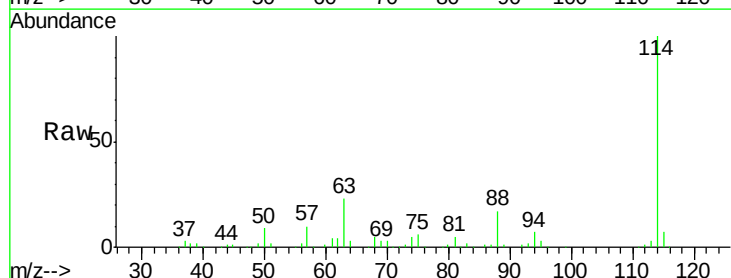
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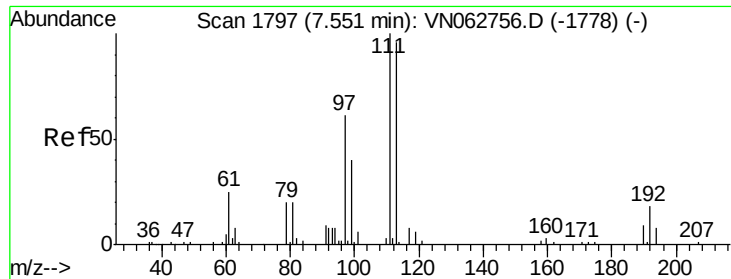
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	270476		
63	23.5	0.0	47.6	
88	17.4	0.0	34.4	





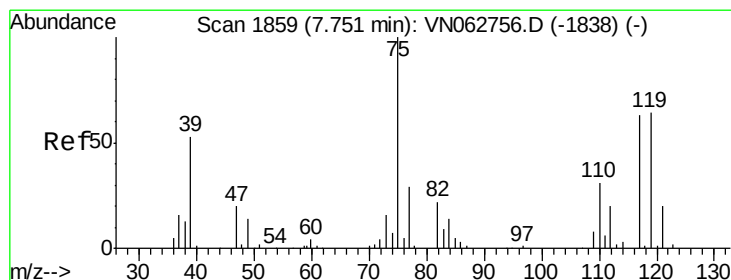
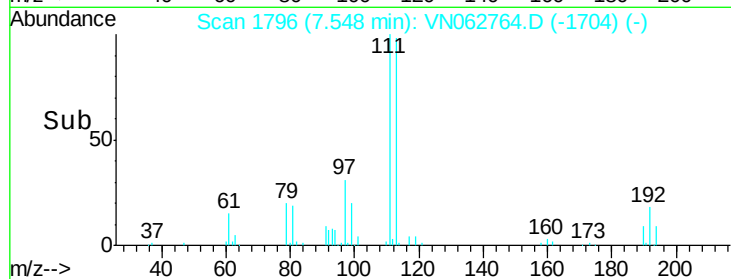
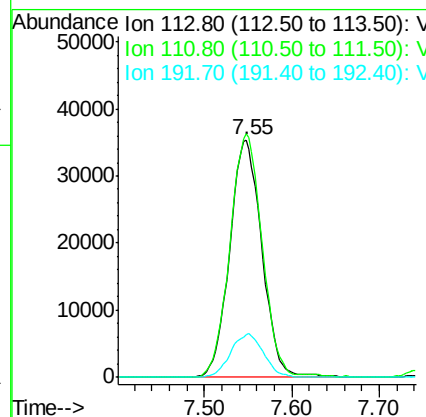
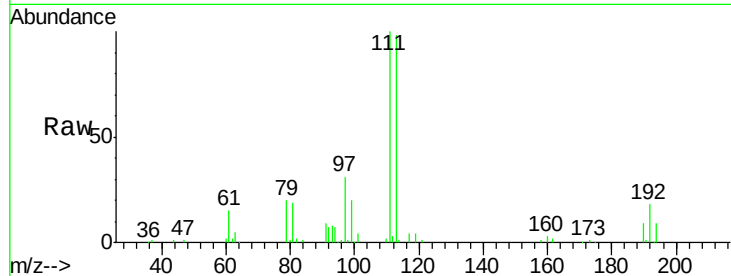
#35
 Dibromofluoromethane
 Concen: 48.793 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	90277		
111	102.2		81.8	122.6
192	18.7		15.0	22.4

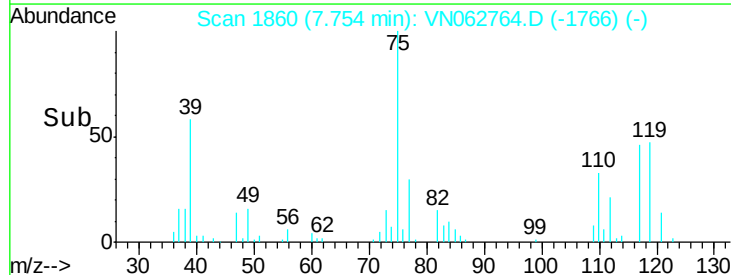
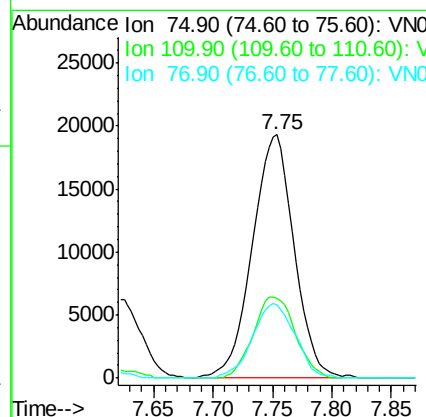
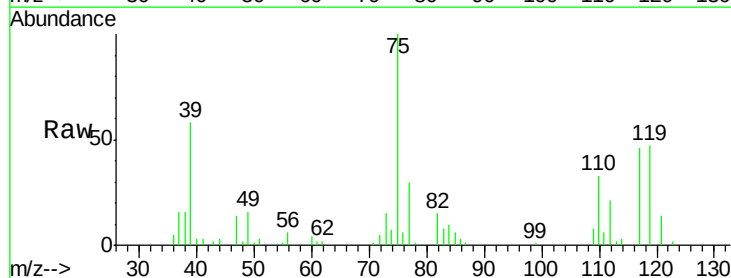
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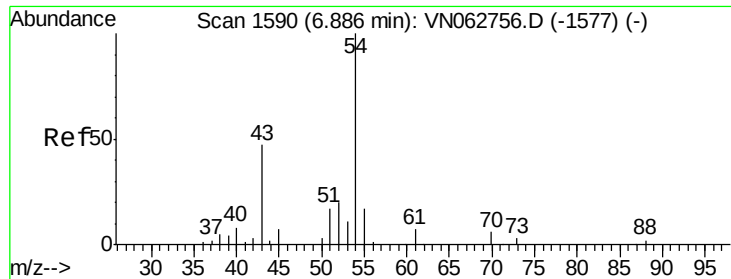
MMDadoda
 8/7/2020 12:50:42 PM



#36
 1,1-Dichloropropene
 Concen: 17.823 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46939		
110	33.6		15.6	46.7
77	31.3		24.1	36.1





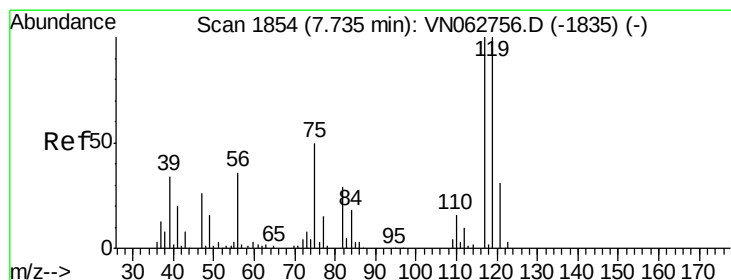
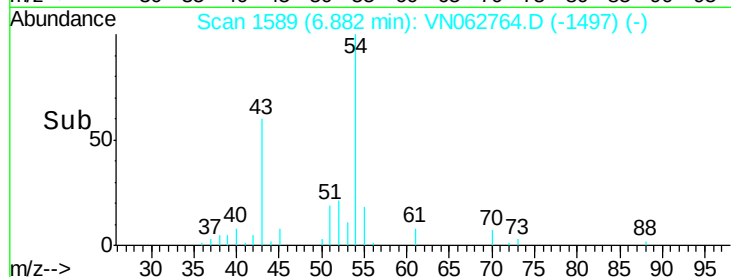
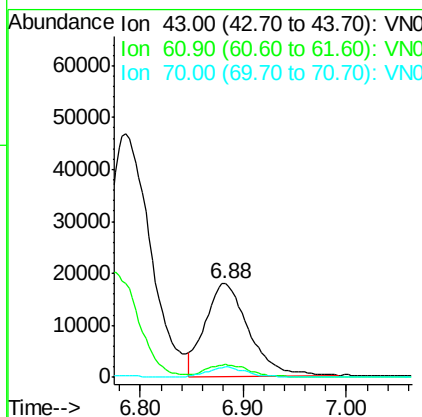
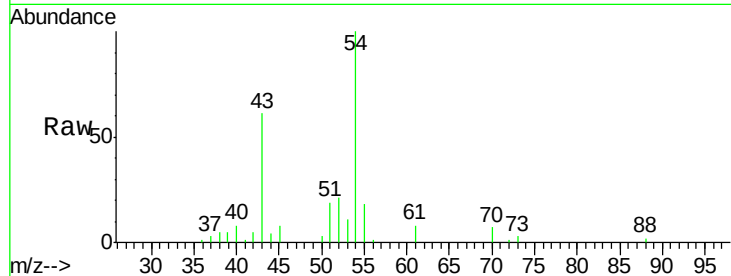
#37
Ethyl Acetate
Concen: 18.903 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

Tot Ion	43	61	70
Resp	52003		
Ratio	100	14.0	10.0
Lower		12.1	8.3
Upper		18.1	12.5

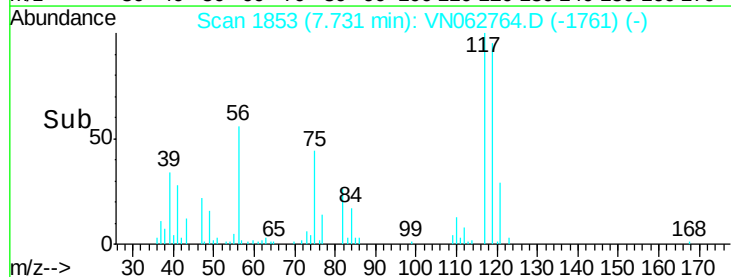
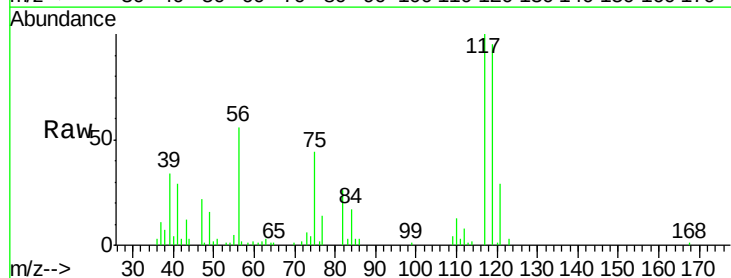
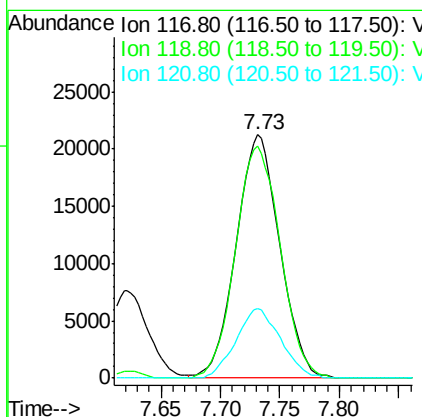
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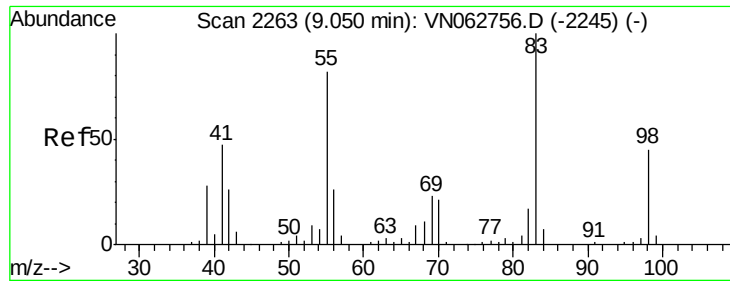
MMDadoda
8/7/2020 12:50:42 PM



#38
Carbon Tetrachloride
Concen: 17.304 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion	117	119	121
Resp	53899		
Ratio	100	95.3	28.8
Lower		79.4	24.9
Upper		119.2	37.3





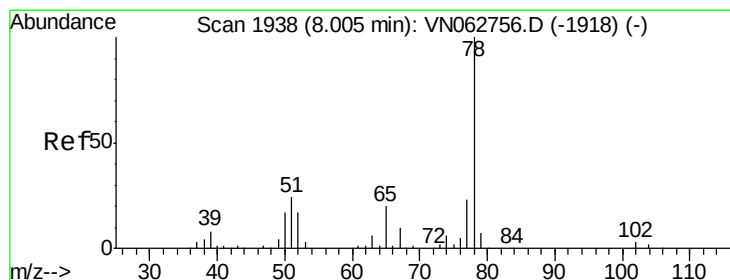
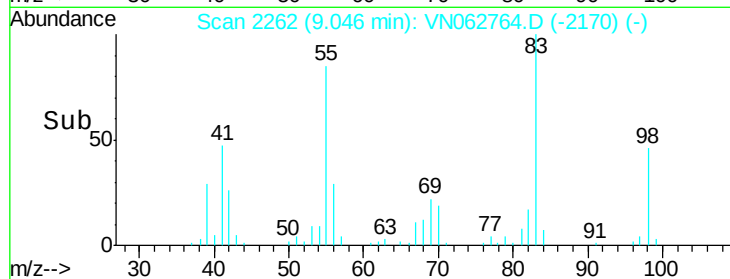
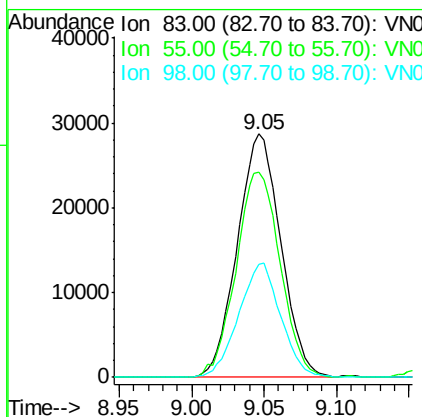
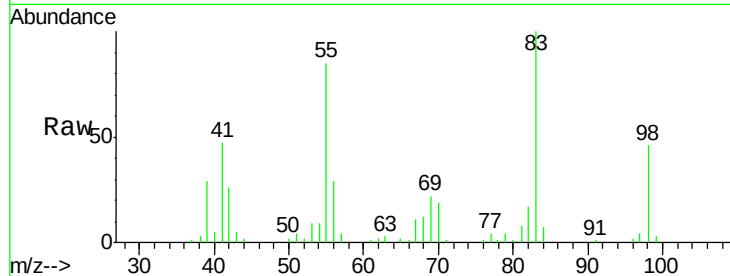
#39
Methylvlcyclohexane
Concen: 18.927 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tot Ion	83	Resp	59988
Ion Ratio	Lower	Upper	
83	100		
55	84.5	65.7	98.5
98	46.4	35.6	53.4

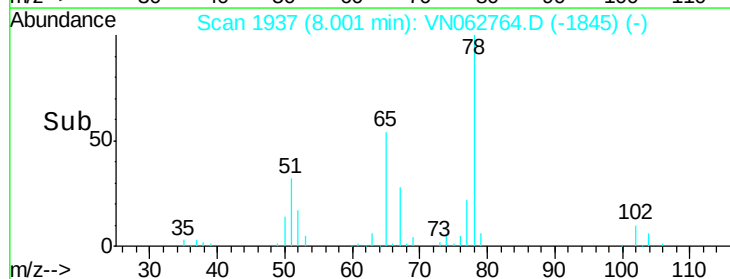
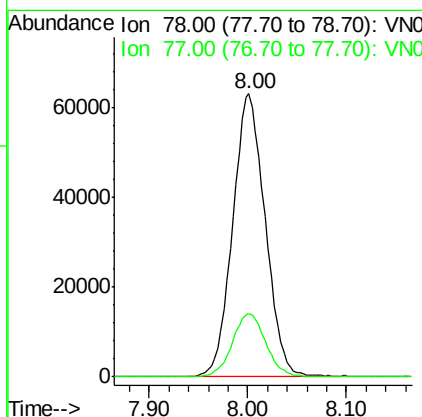
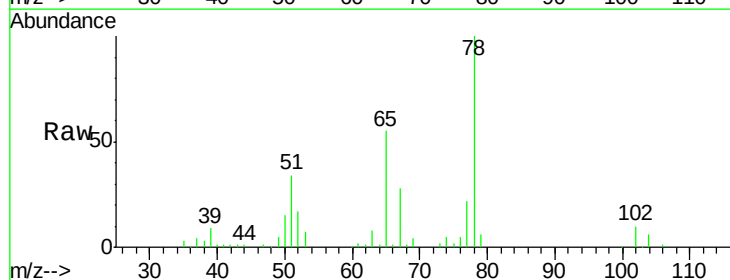
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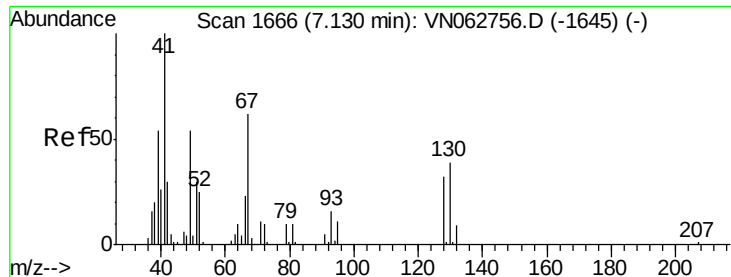
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#40
Benzene
Concen: 18.409 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion	78	Resp	144675
Ion Ratio	Lower	Upper	
78	100		
77	22.4	18.1	27.1





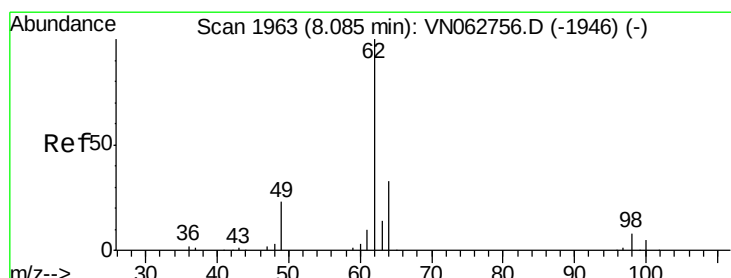
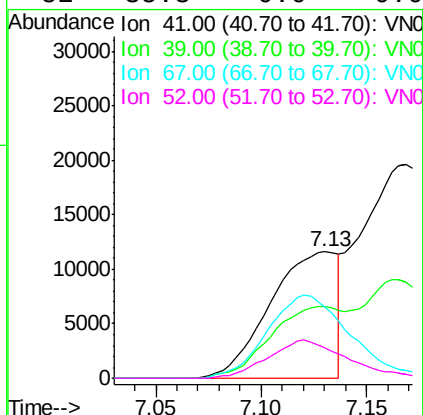
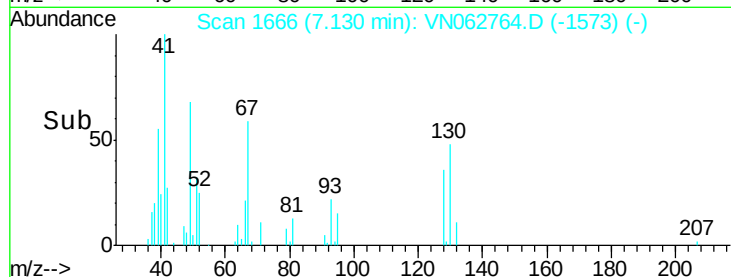
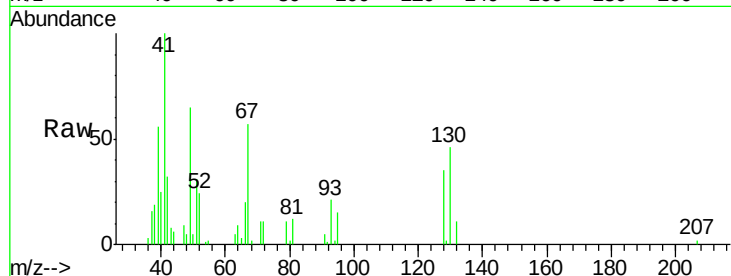
#41
Methacrylonitrile
Concen: 20.787 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.5	69.4	104.2#
67	81.7	0.0	0.0#
52	35.3	0.0	0.0#

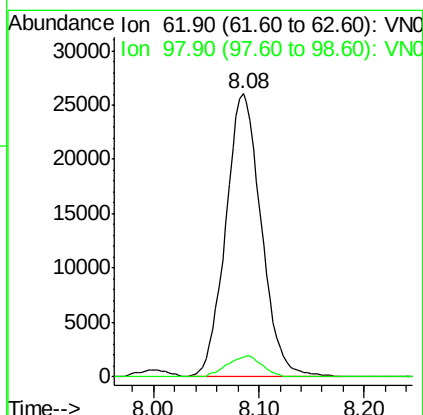
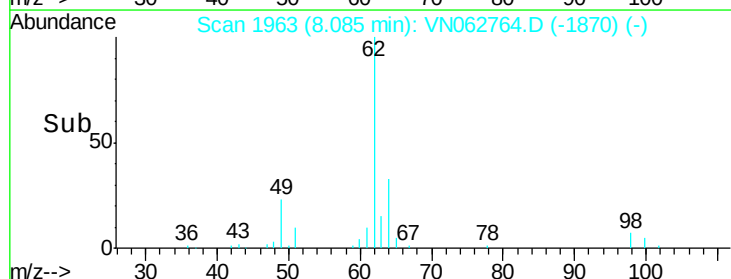
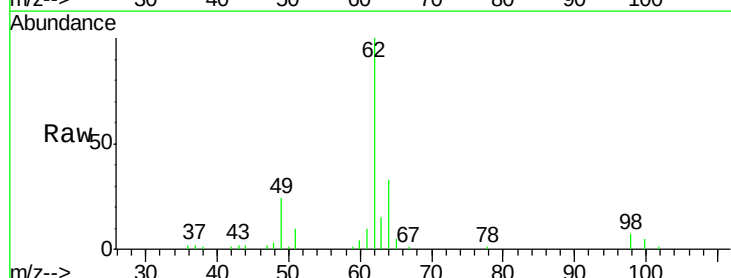
Manual Integrations
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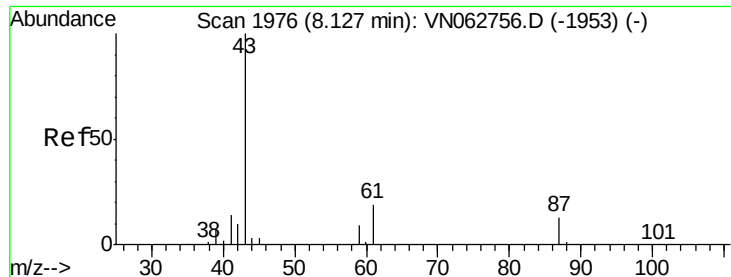
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.184 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.694 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

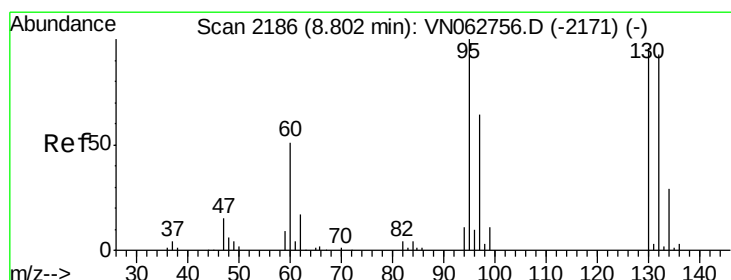
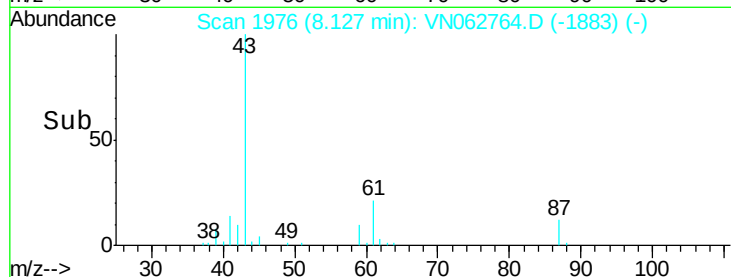
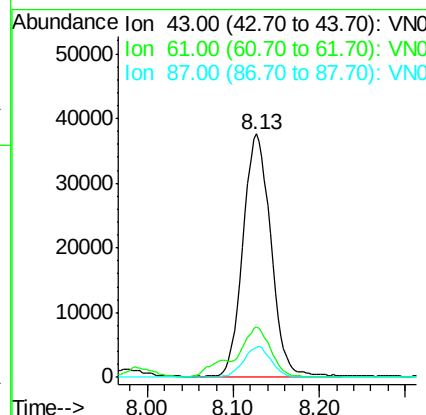
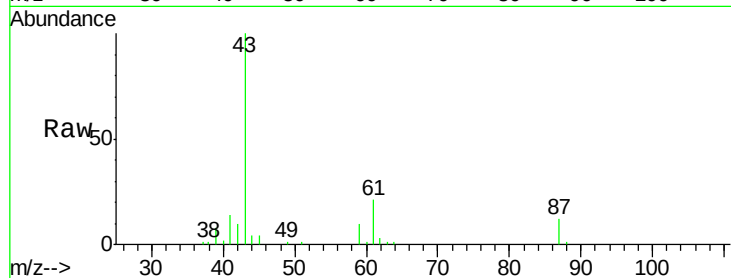
ClientSampled :

VN0806WBS01

Tot Ion:	43	Resp:	85784
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.8	23.6
87	12.3	9.9	14.9

Manual Integrations
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#44

Trichloroethene

Concen: 17.856 ug/l

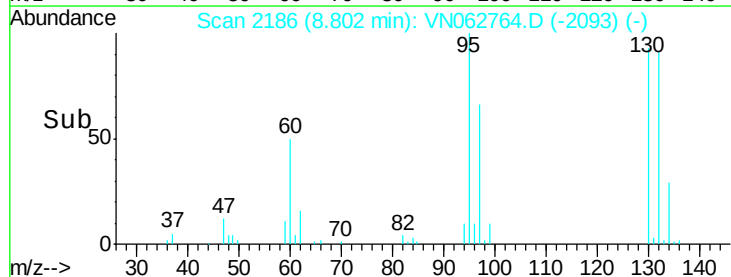
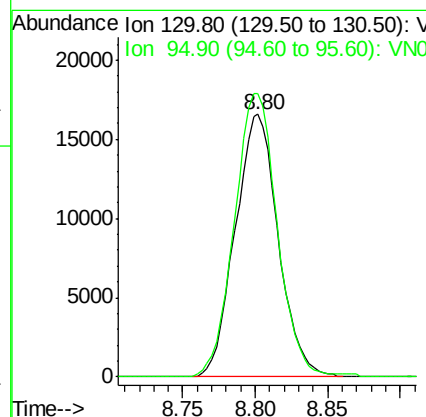
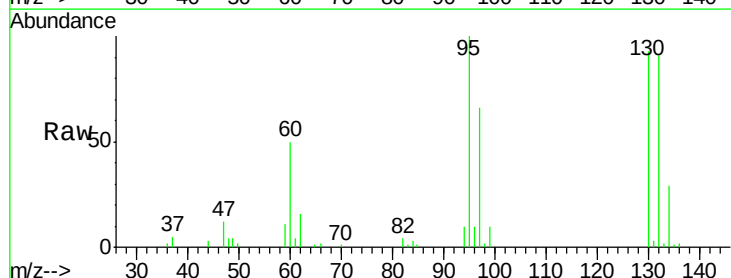
RT: 8.80 min Scan# 2186

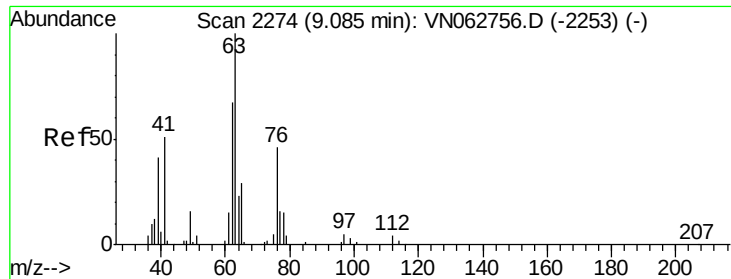
Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion:	130	Resp:	34188
Ion	Ratio	Lower	Upper
130	100		
95	107.9	0.0	207.6





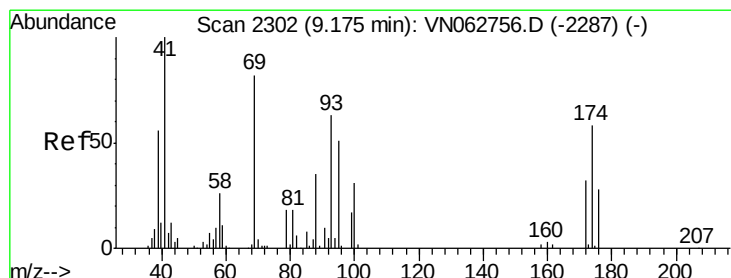
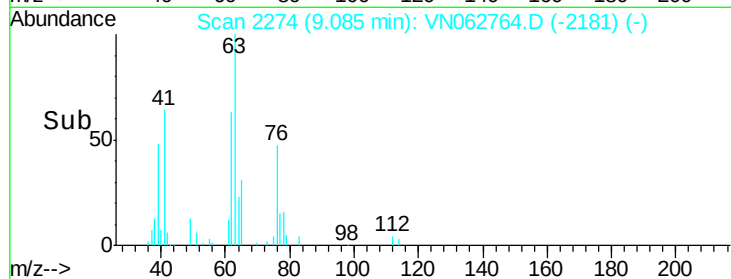
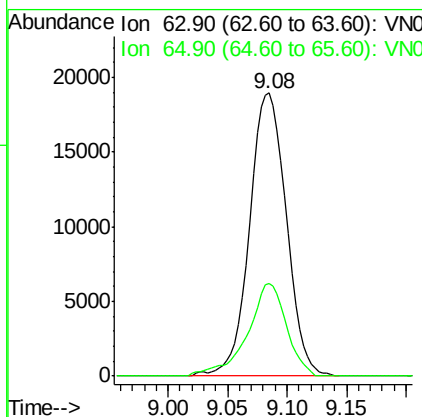
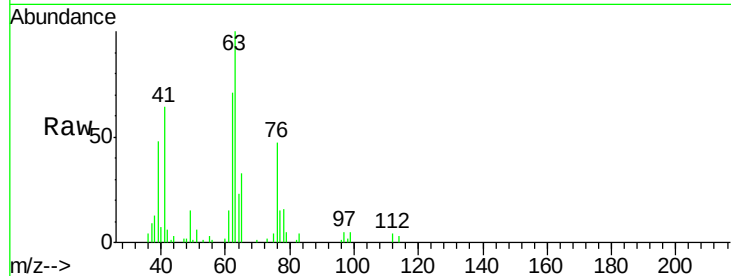
#45
 1,2-Dichloropropane
 Concen: 19.115 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Tot Ion: 63 Resp: 40658
 Ion Ratio Lower Upper
 63 100
 65 32.9 23.5 35.3

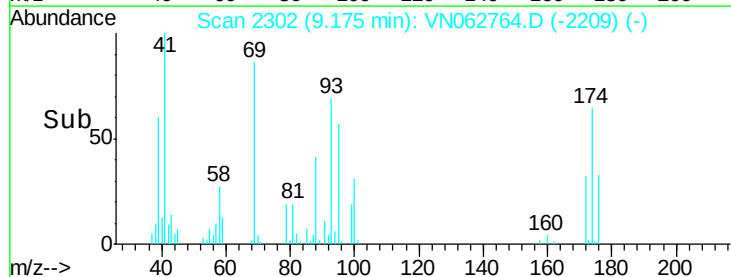
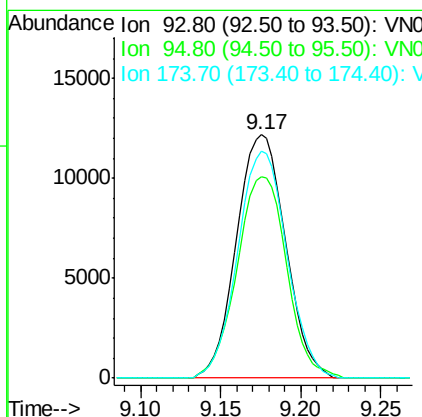
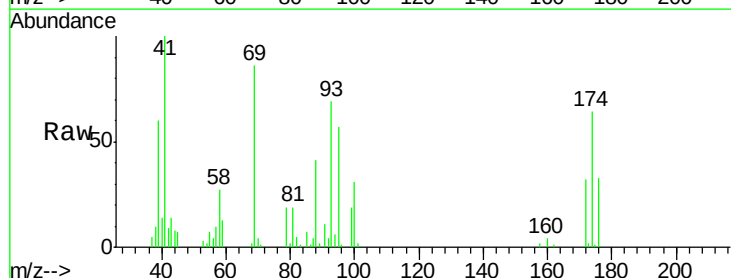
Manual Integrations
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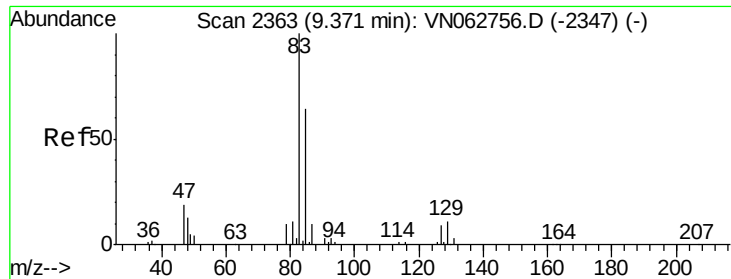
MMDadoda
 8/7/2020 12:50:42 PM



#46
 Dibromomethane
 Concen: 18.335 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 93 Resp: 25553
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.1 97.7
 174 93.6 73.9 110.9





#47

Bromodichloromethane

Concen: 18.635 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

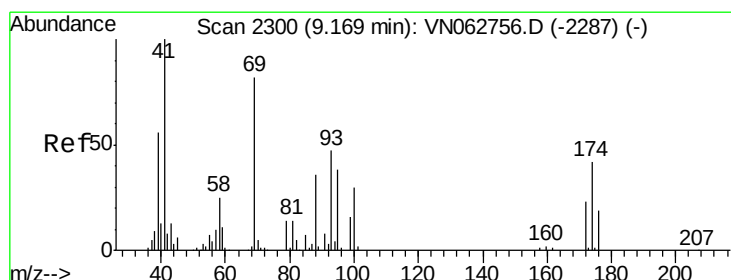
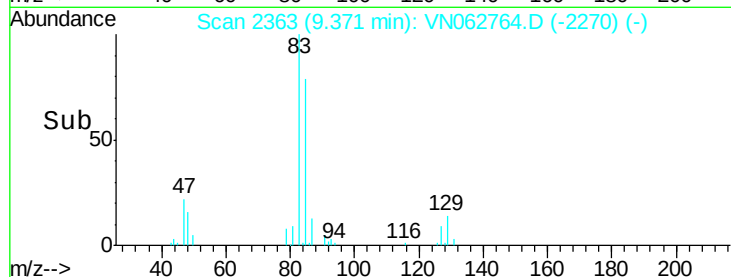
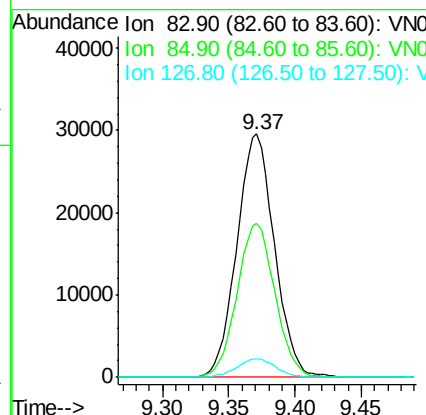
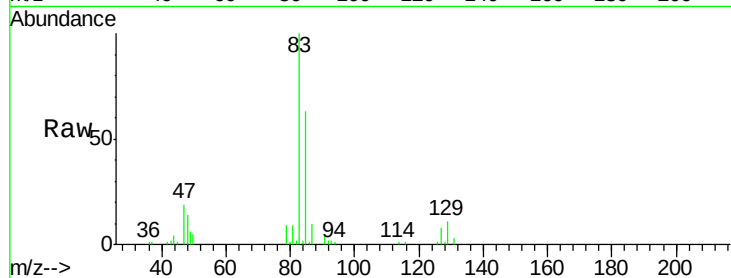
ClientSampleId :

VN0806WBS01

Tot Ion:	83	Resp:	58330
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.4	77.0
127	7.6	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.856 ug/l

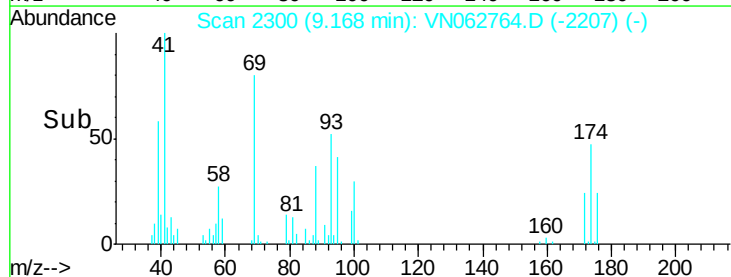
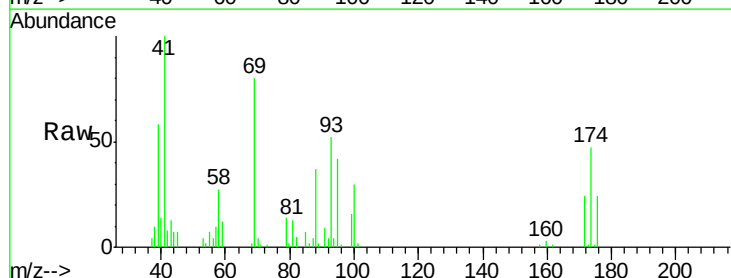
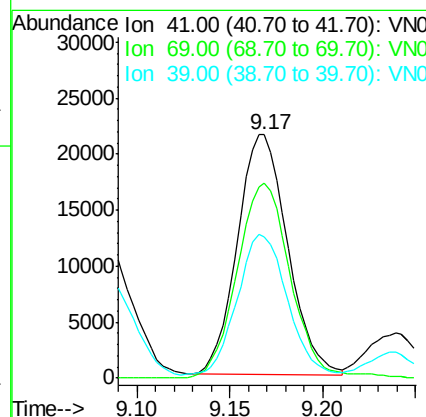
RT: 9.17 min Scan# 2300

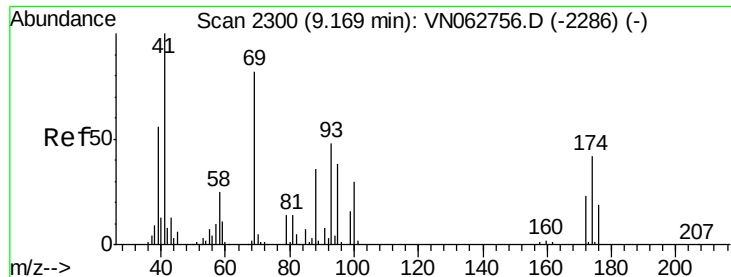
Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion:	41	Resp:	40301
Ion	Ratio	Lower	Upper
41	100		
69	86.7	67.4	101.2
39	58.5	47.6	71.4





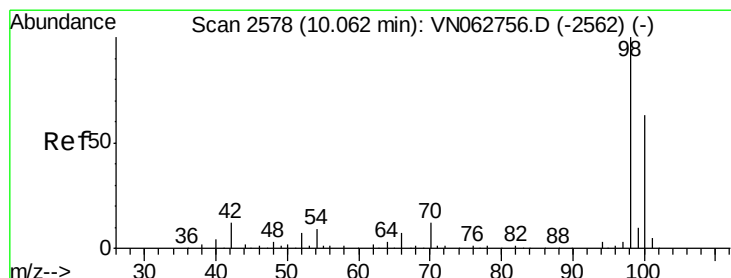
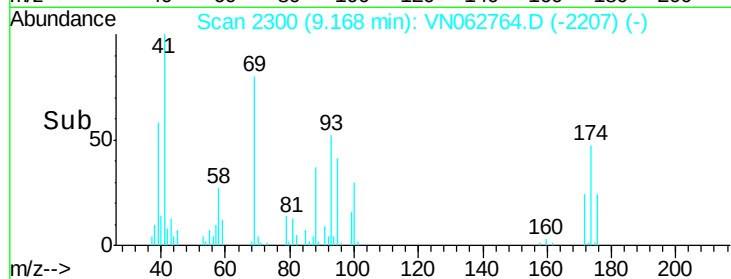
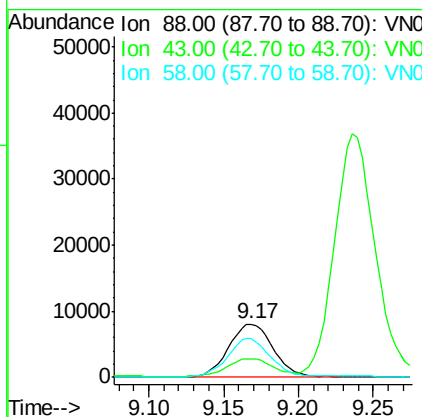
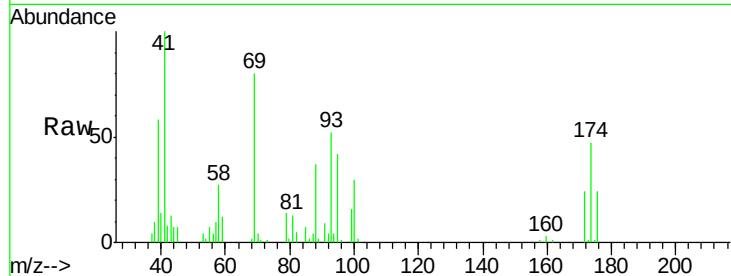
#49
1,4-Dioxane
Concen: 402.015 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	16813		
43	38.0		29.5	44.3
58	70.2		59.8	89.8

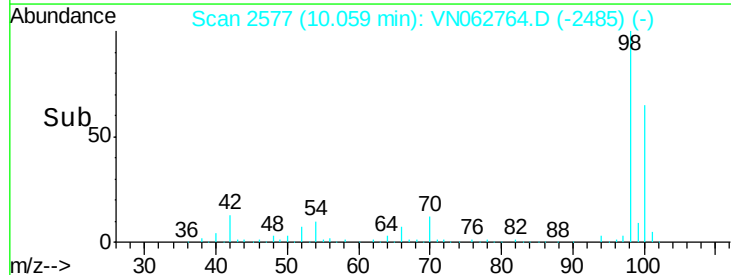
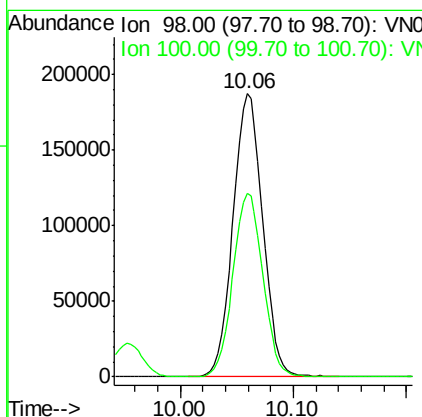
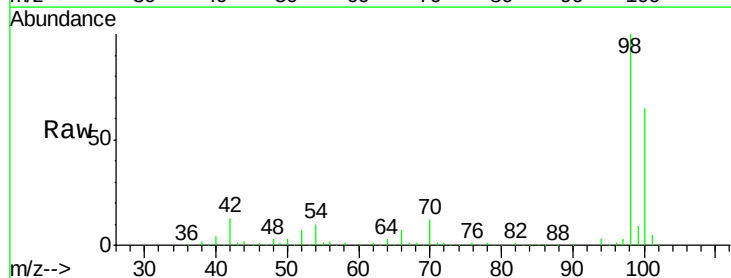
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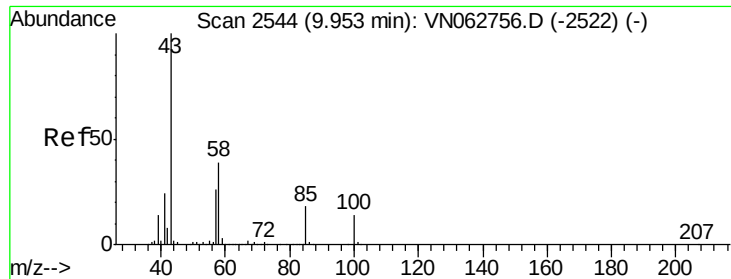
MMDadoda
8/7/2020 12:50:42 PM



#50
Toluene-d8
Concen: 47.464 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	342850		
100	65.5		50.9	76.3





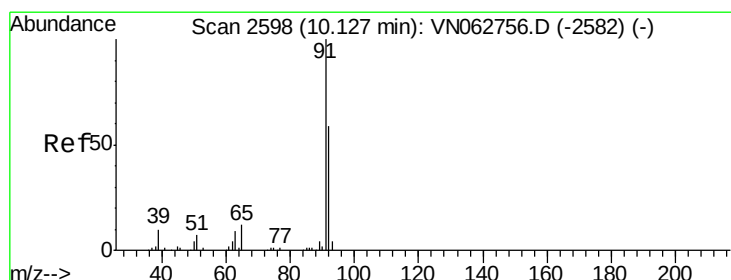
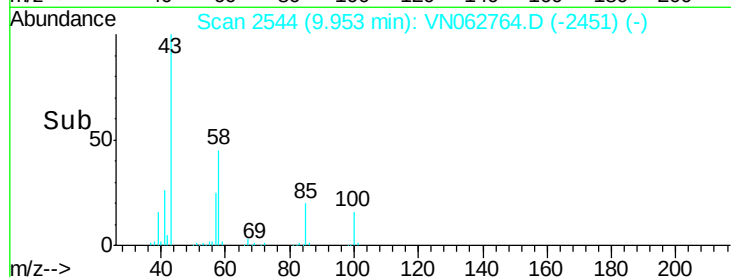
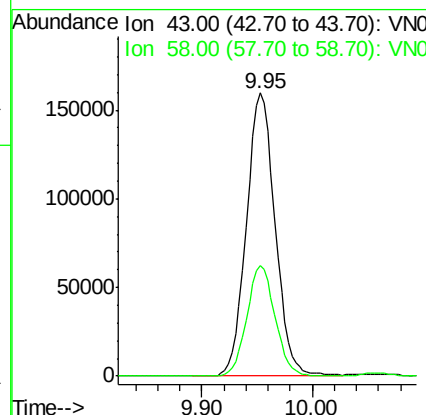
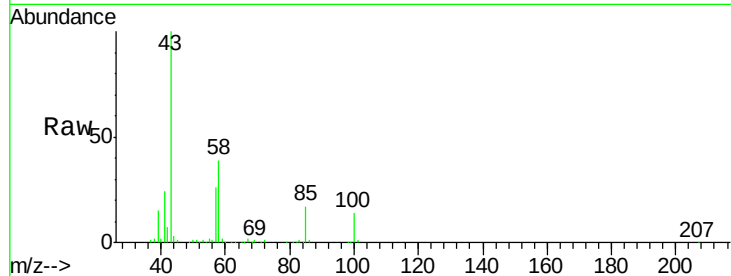
#51
4-Methyl-2-Pentanone
Concen: 97.070 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	31.1	46.7

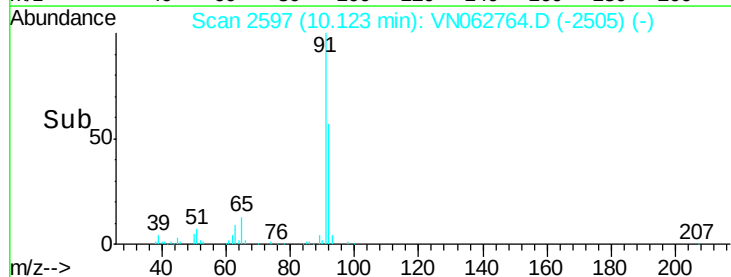
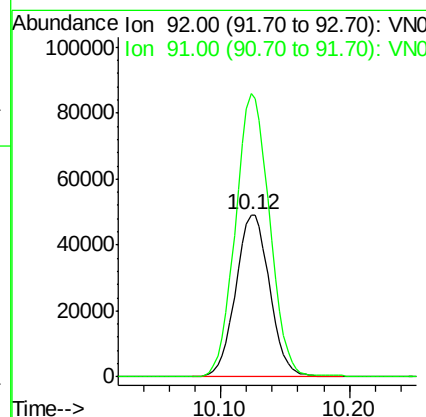
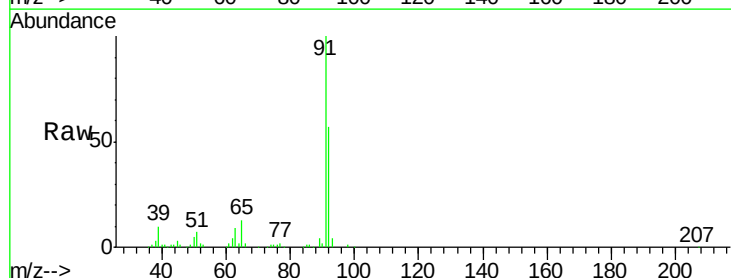
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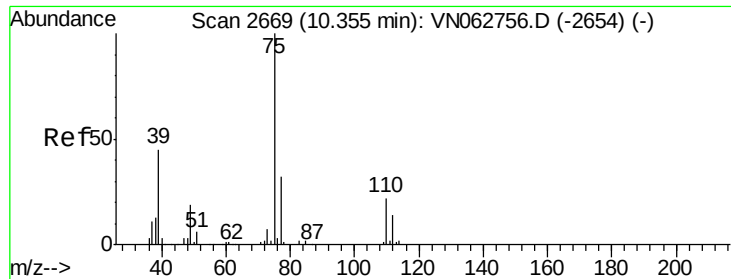
MMDadoda
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#52
Toluene
Concen: 18.541 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.0	138.9	208.3





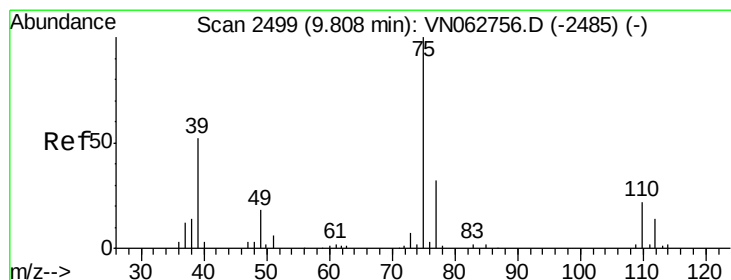
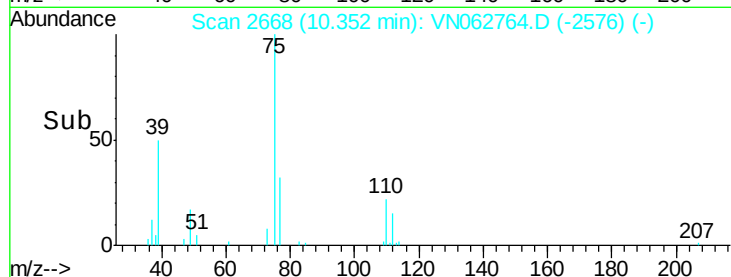
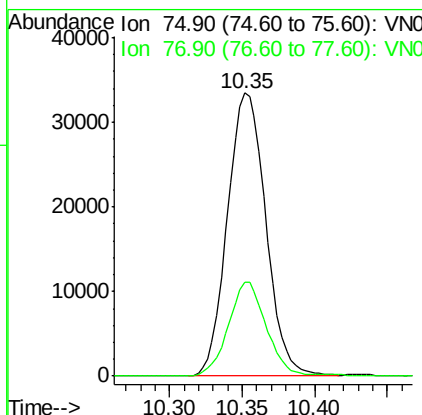
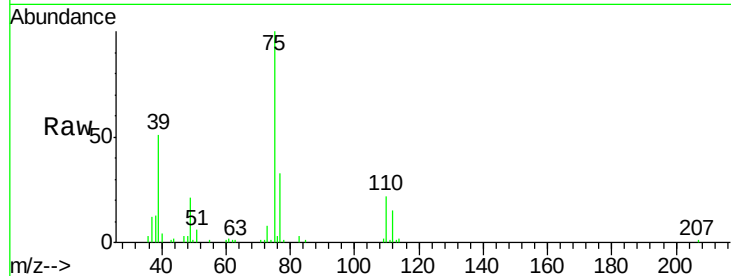
#53
 t-1,3-Dichloropropene
 Concen: 17.901 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBS01

Tot Ion: 75 Resp: 61633
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2

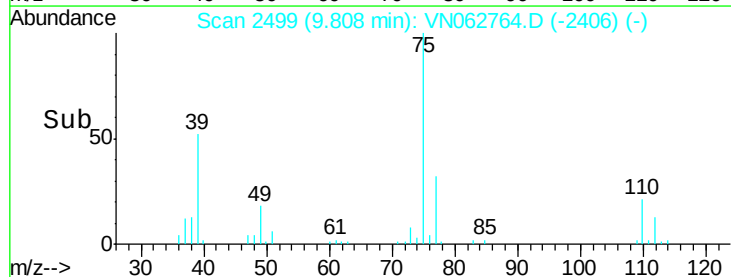
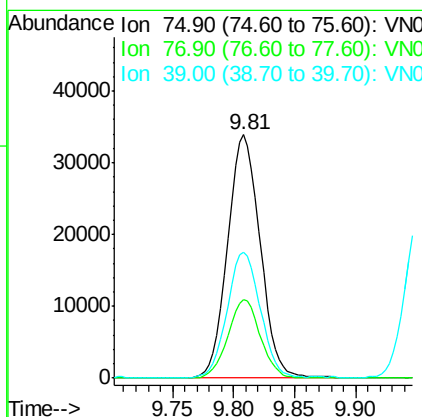
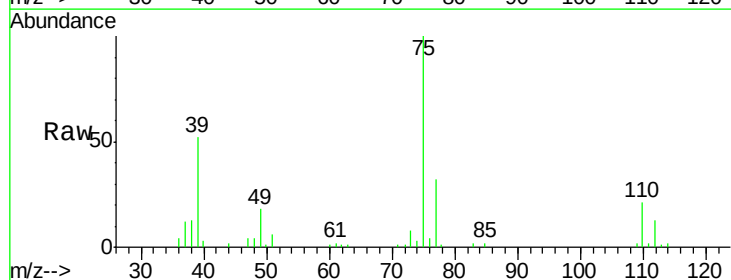
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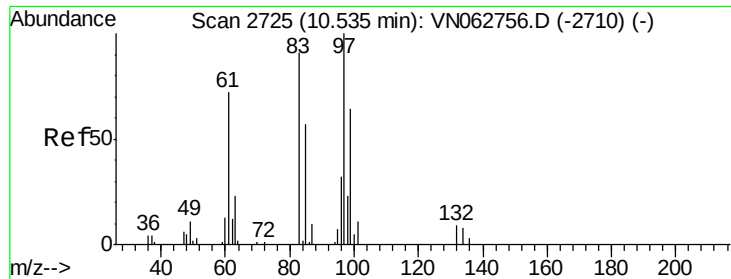
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#54
 cis-1,3-Dichloropropene
 Concen: 18.279 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 75 Resp: 63188
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.5 38.3
 39 51.7 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 18.257 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tot Ion: 97 Resp: 37835

Ion Ratio Lower Upper

97 100

83 88.9 72.6 108.8

85 58.3 46.0 69.0

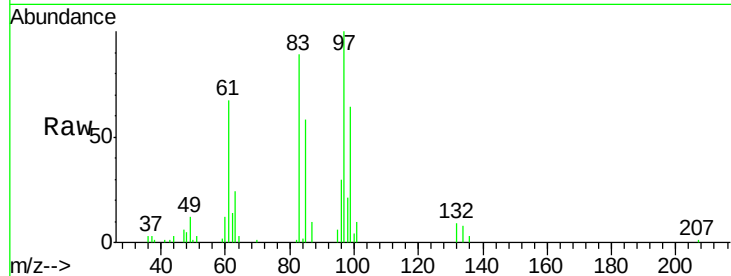
99 63.9 51.1 76.7

Manual Integrations

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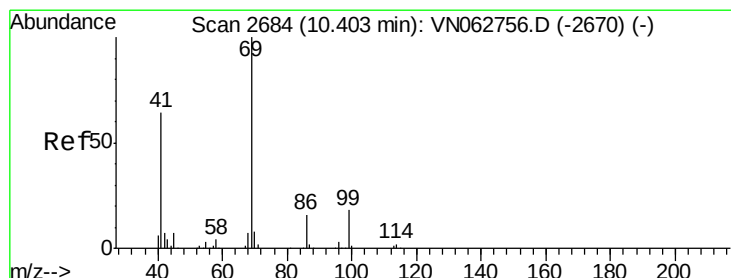
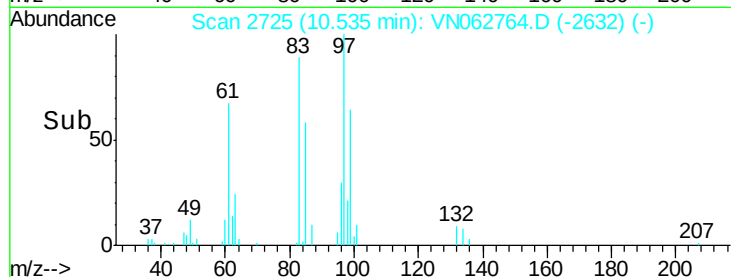
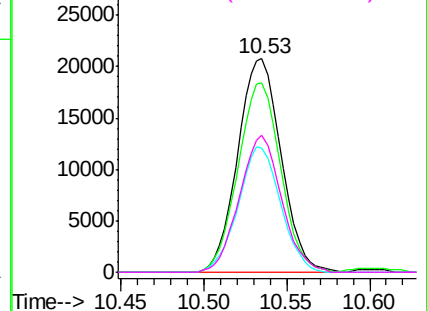


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.647 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

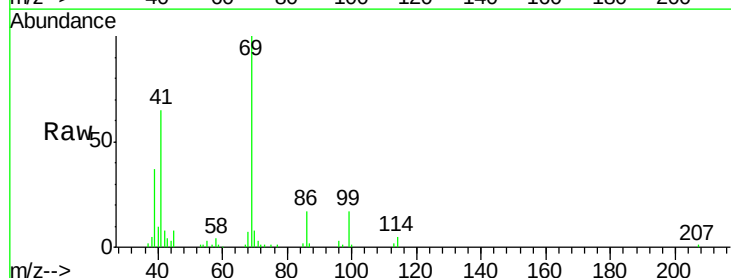
Tgt Ion: 69 Resp: 58166

Ion Ratio Lower Upper

69 100

41 67.8 52.2 78.2

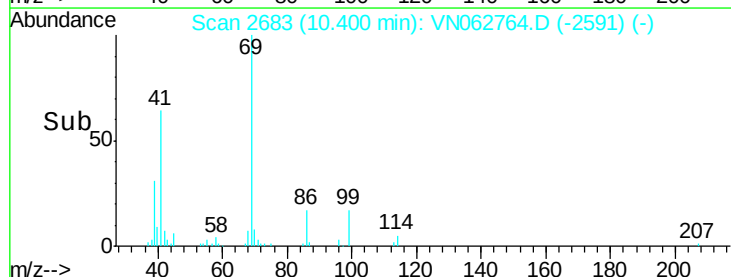
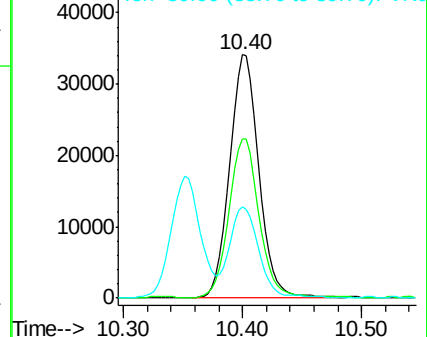
39 36.6 30.9 46.3

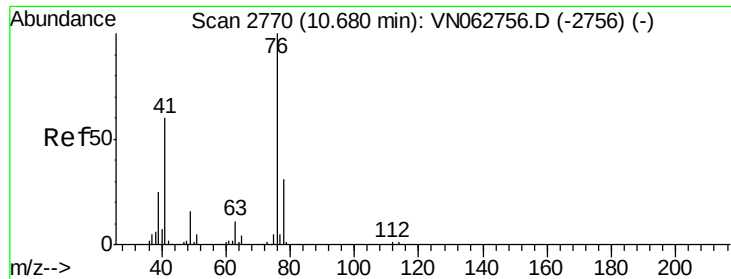


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





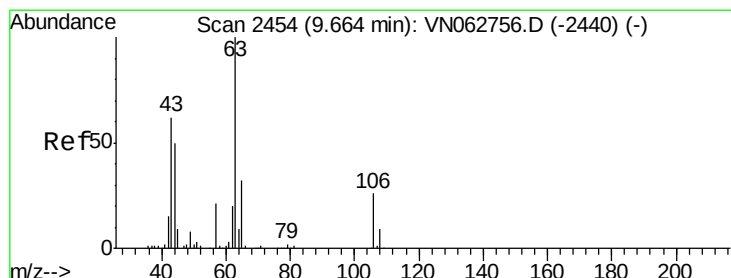
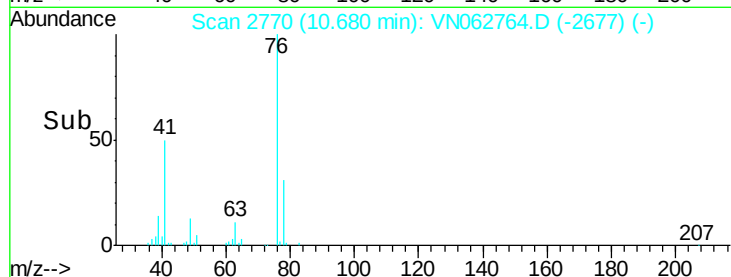
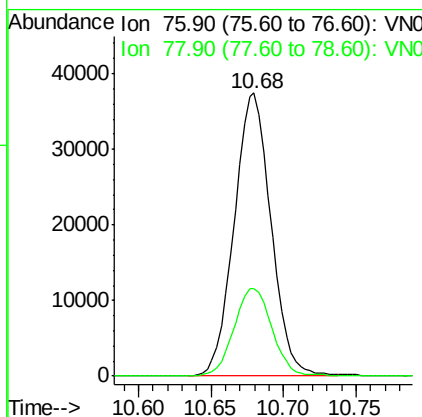
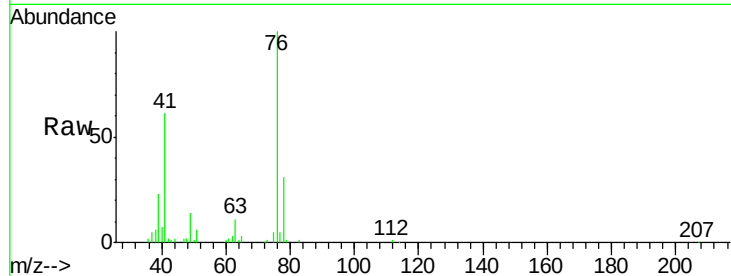
#57
 1,3-Dichloropropane
 Concen: 18.753 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

Tot Ion: 76 Resp: 66032
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0

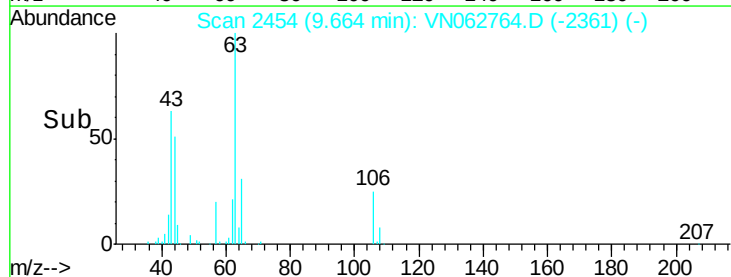
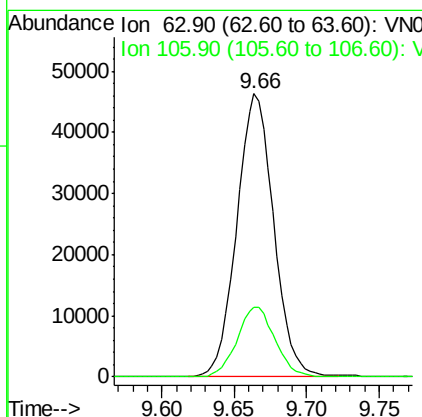
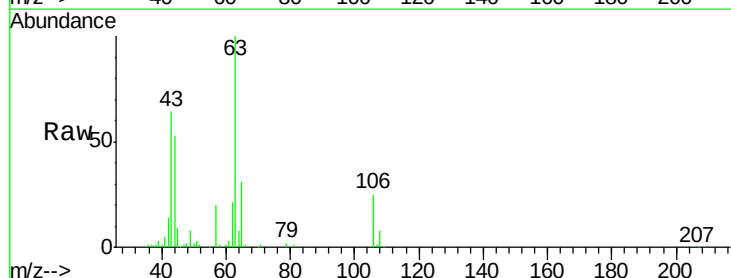
Manual Integrations
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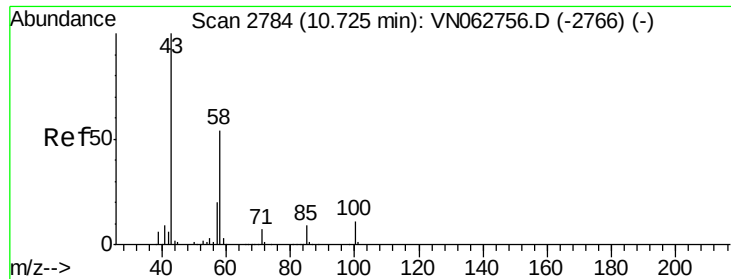
MMDadoda
 8/7/2020 12:50:42 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.744 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion: 63 Resp: 81774
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.9 31.3





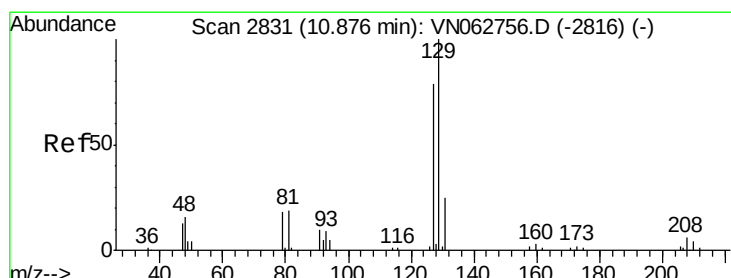
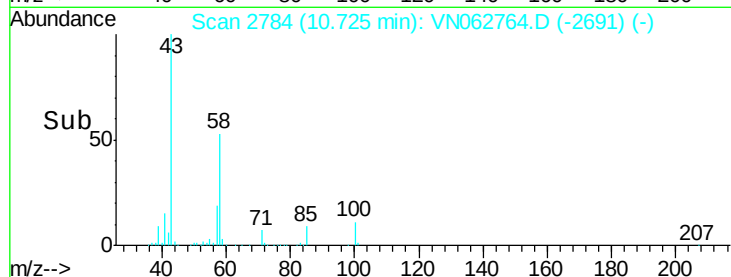
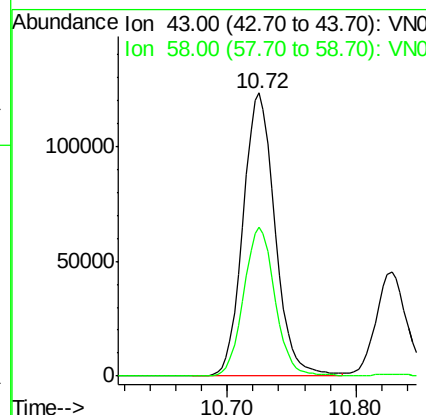
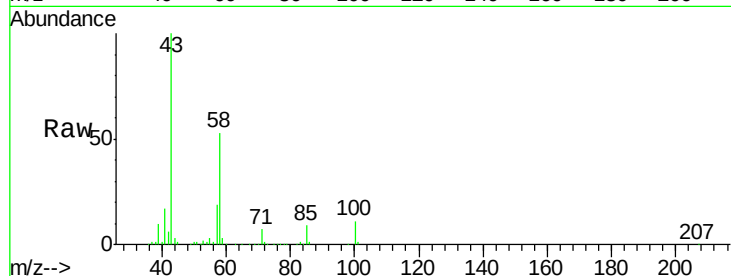
#59
2-Hexanone
Concen: 95.993 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

Tot Ion: 43 Resp: 212595
Ion Ratio Lower Upper
43 100
58 51.7 26.7 80.1

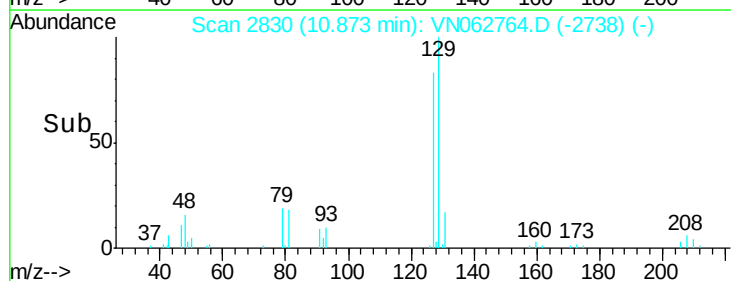
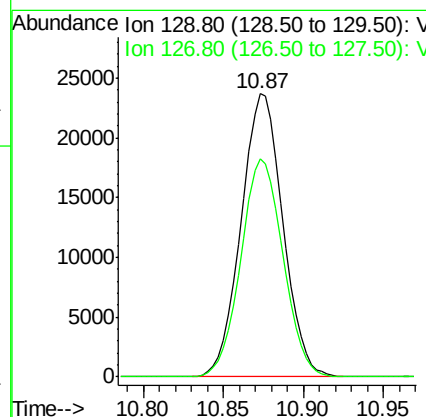
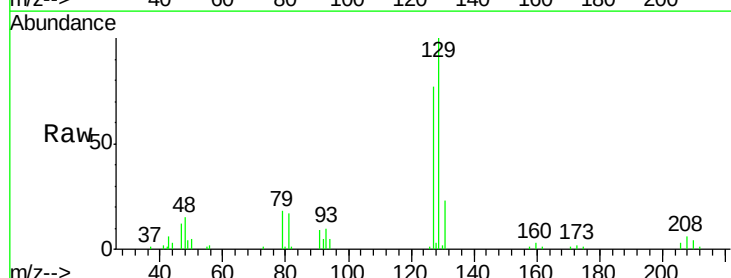
Manual Integrations
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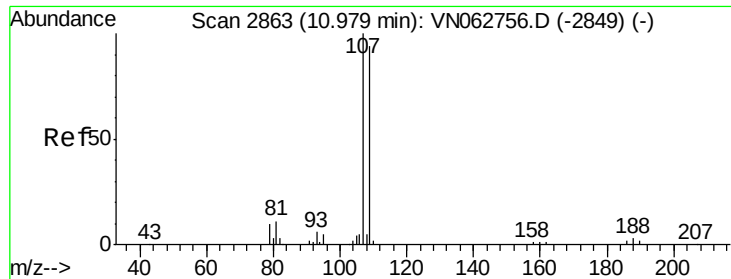
MMDadoda
8/7/2020 12:50:42 PM



#60
Dibromochloromethane
Concen: 17.862 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 129 Resp: 42243
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.202 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tot Ion:107 Resp: 37221

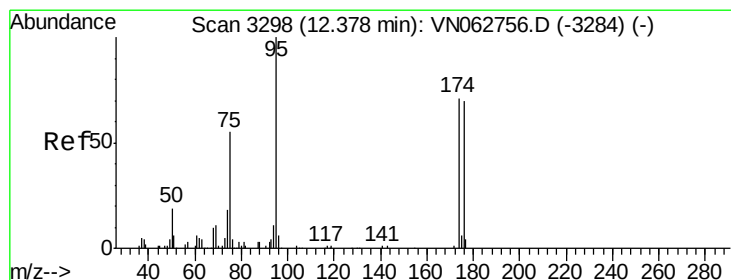
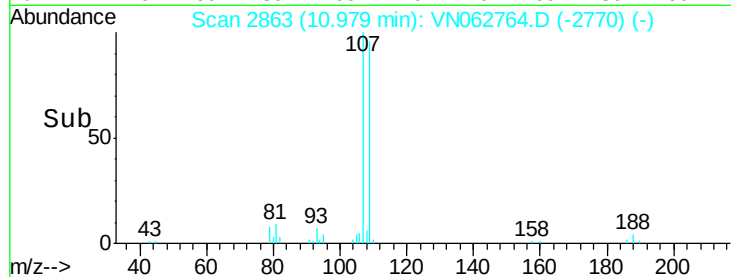
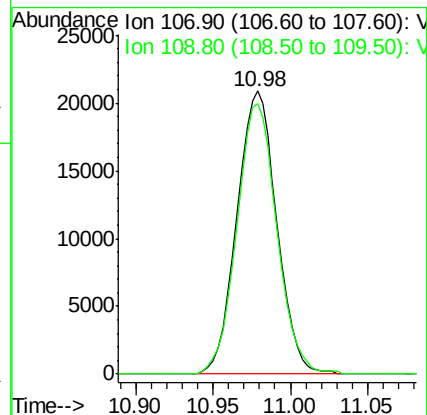
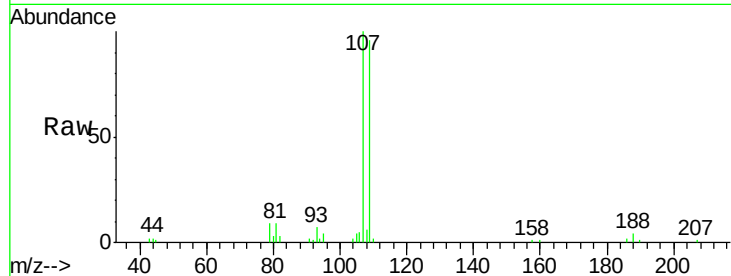
Ion Ratio Lower Upper

107 100

109 96.5 76.1 114.1

Manual Integrations
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8/7/2020 12:50:42 PM



#62

4-Bromofluorobenzene

Concen: 47.323 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

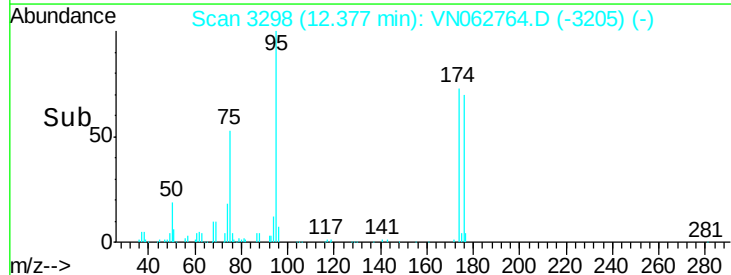
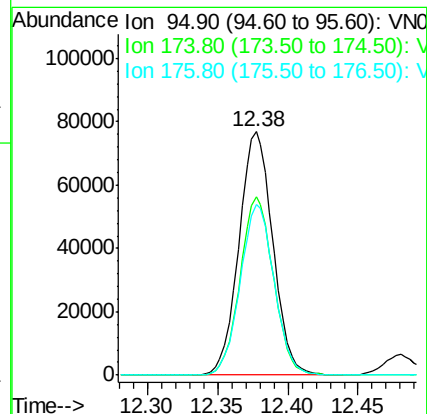
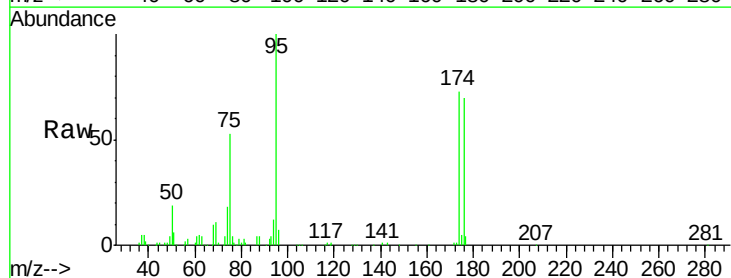
Tgt Ion: 95 Resp: 129179

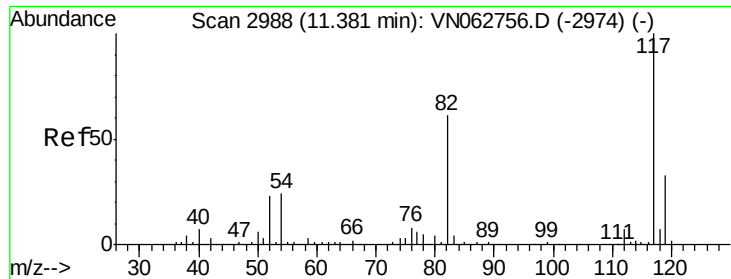
Ion Ratio Lower Upper

95 100

174 72.6 0.0 144.8

176 70.2 0.0 142.2





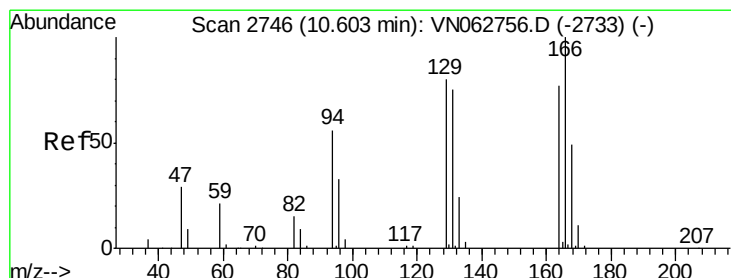
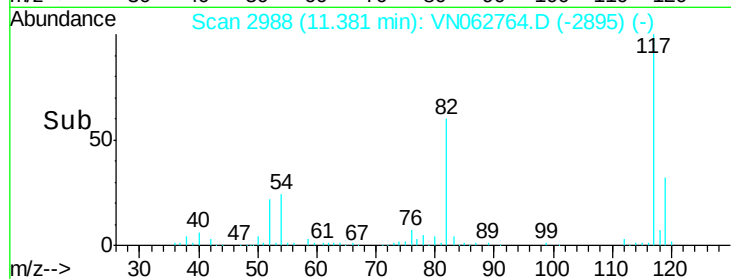
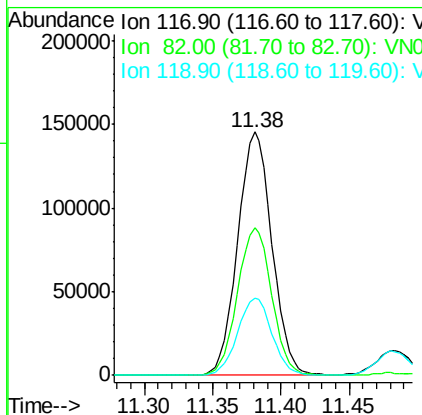
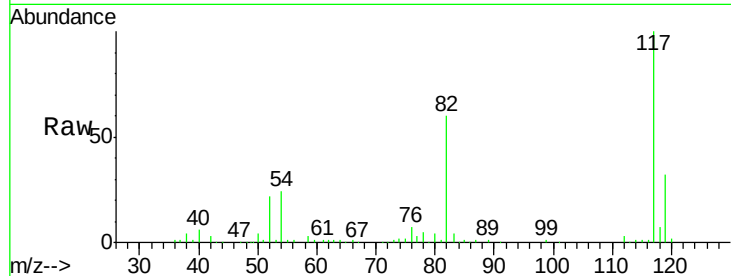
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	49.0	73.4
119	31.9	26.2	39.2

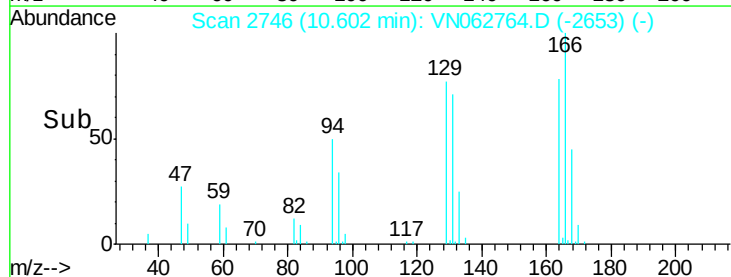
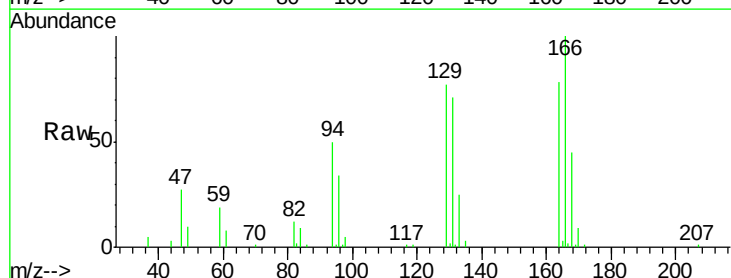
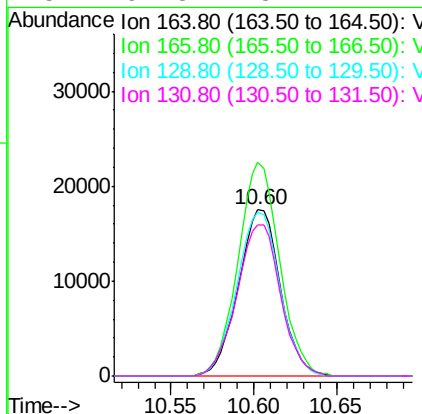
Manual Integrations
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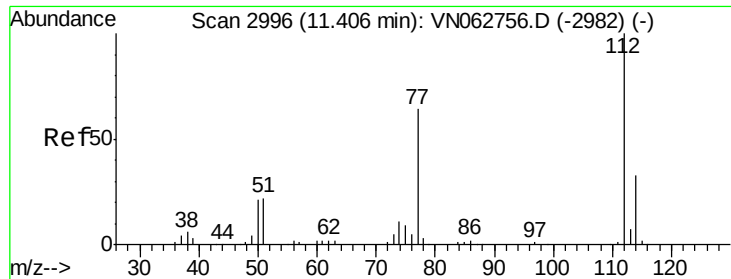
MMDadoda
8/7/2020 12:50:42 PM



#64
Tetrachloroethene
Concen: 18.775 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	103.8	155.8
129	98.9	82.7	124.1
131	91.3	78.2	117.2





#65

Chlorobenzene

Concen: 18.318 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

Tot Ion:112 Resp: 97259

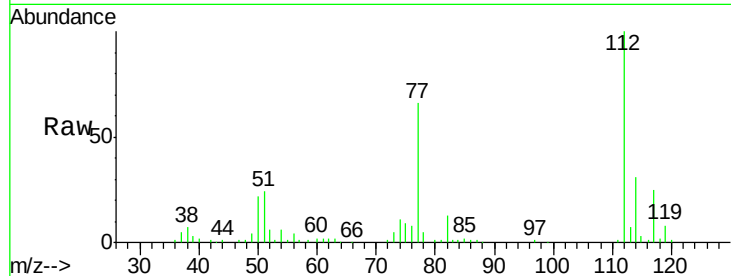
Ion Ratio Lower Upper

112 100

114 31.4 26.2 39.4

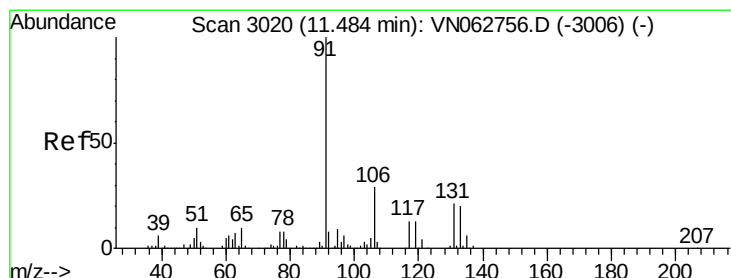
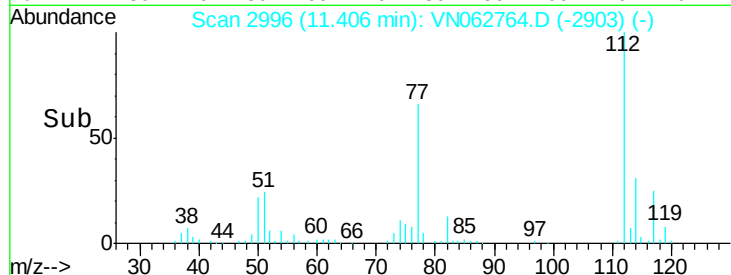
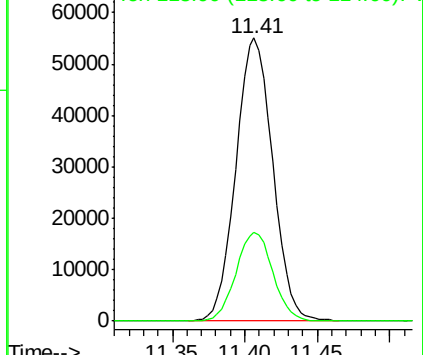
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.861 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

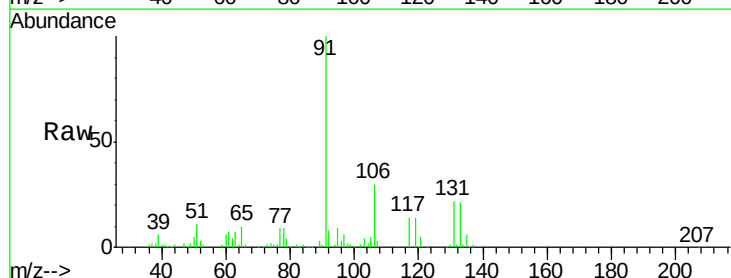
Tgt Ion:131 Resp: 38083

Ion Ratio Lower Upper

131 100

133 99.3 48.6 145.8

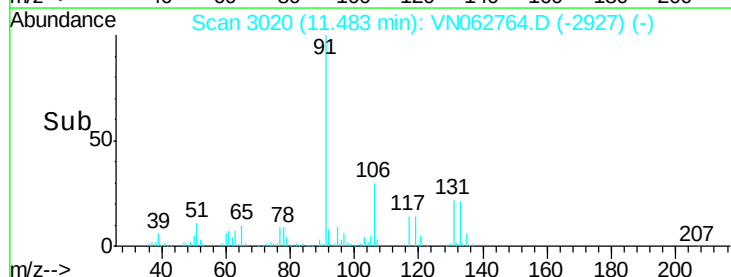
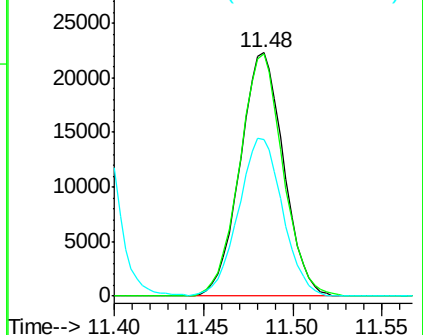
119 65.8 32.2 96.6

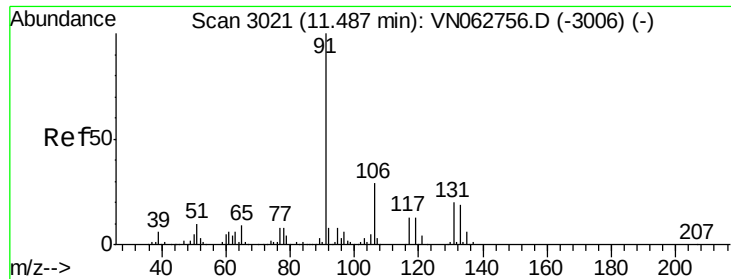


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





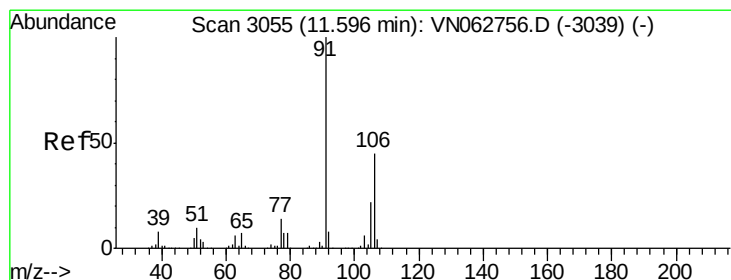
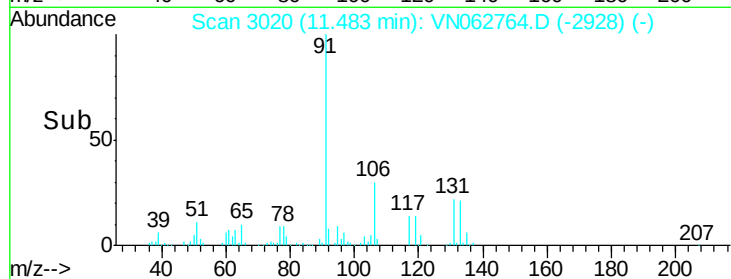
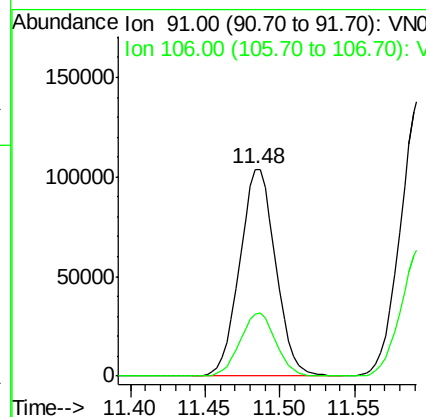
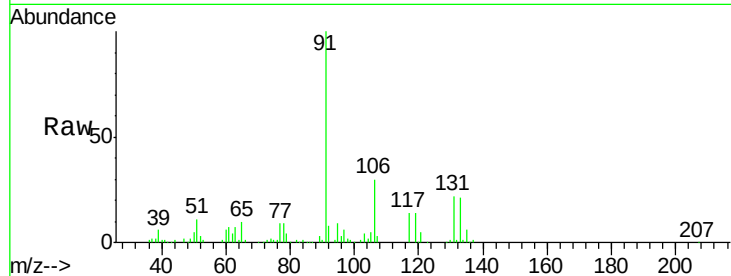
#67
Ethyl Benzene
Concen: 18.277 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBS01

Tot Ion: 91 Resp: 173652
Ion Ratio Lower Upper
91 100
106 30.0 23.2 34.8

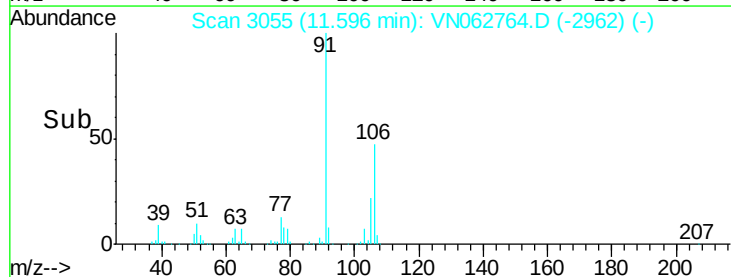
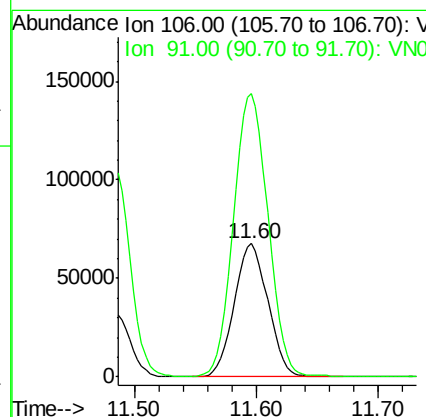
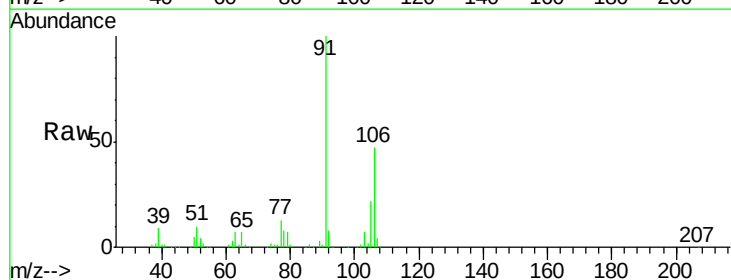
Manual Integrations
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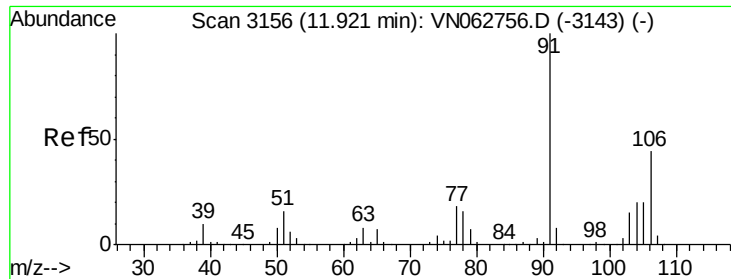
MMDadoda
8/7/2020 12:50:42 PM



#68
m/p-Xylenes
Concen: 37.653 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion: 106 Resp: 129865
Ion Ratio Lower Upper
106 100
91 216.5 175.9 263.9





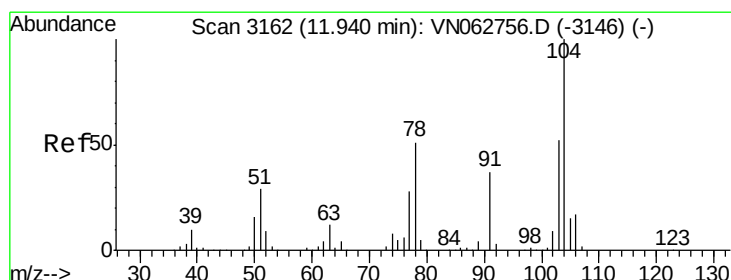
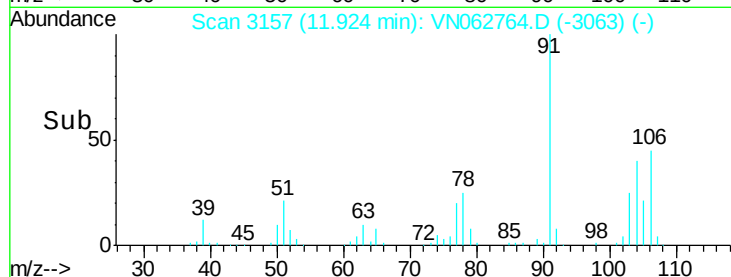
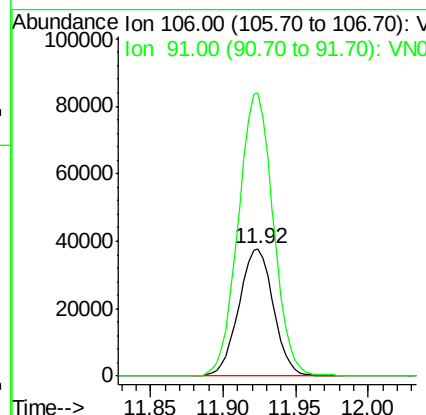
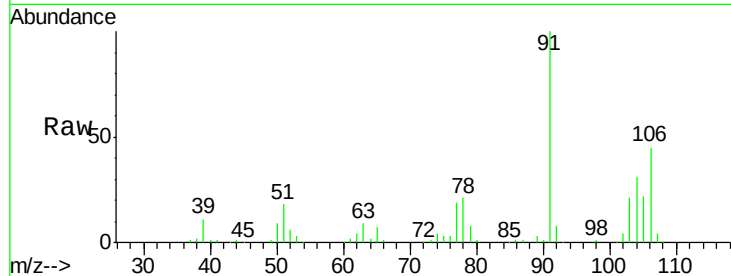
#69
o-Xylene
Concen: 19.363 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

Tot Ion:106 Resp: 62584
Ion Ratio Lower Upper
106 100
91 225.6 115.8 347.4

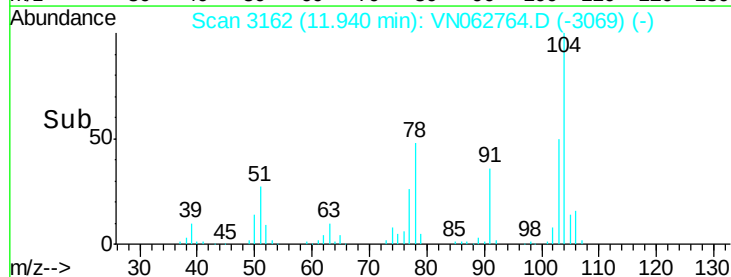
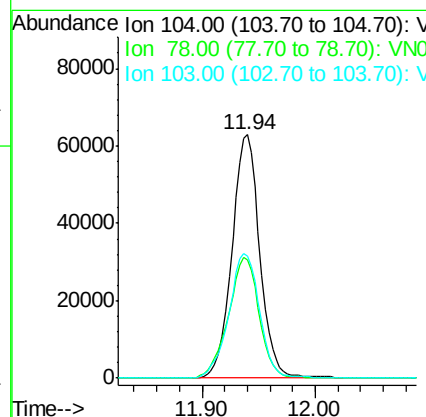
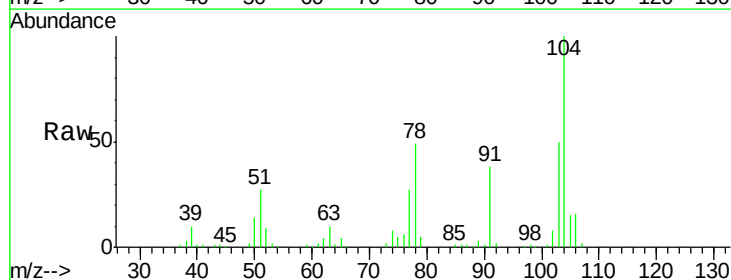
Manual Integrations
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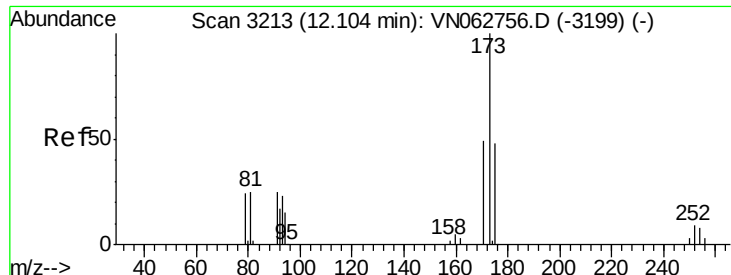
MMDadoda
8/7/2020 12:50:42 PM



#70
Styrene
Concen: 18.902 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion:104 Resp: 107386
Ion Ratio Lower Upper
104 100
78 54.9 45.9 68.9
103 56.8 45.1 67.7





#71

Bromoform

Concen: 17.366 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tot Ion:173 Resp: 30295

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

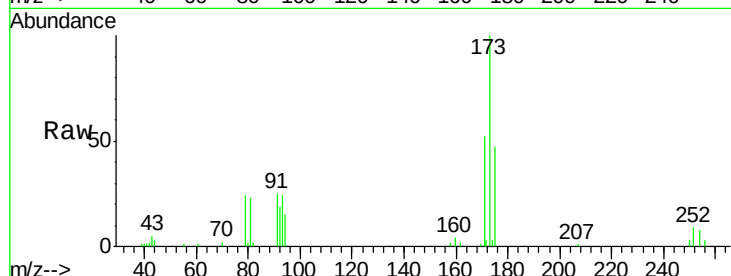
254 0.0 0.0 0.0

Manual Integrations

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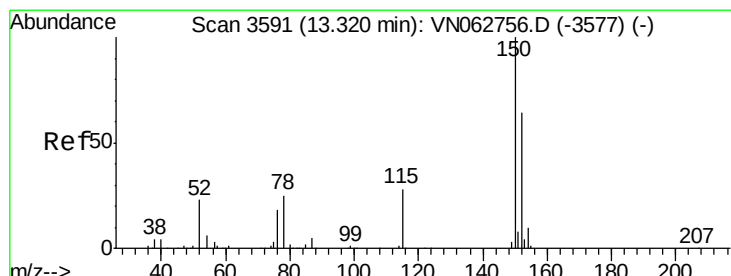
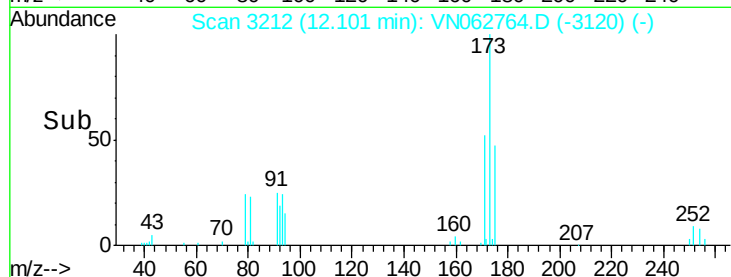
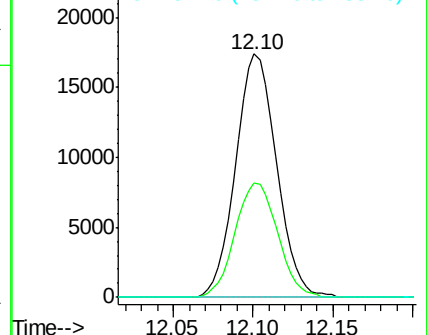
8/7/2020 12:50:42 PM



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# 3591

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

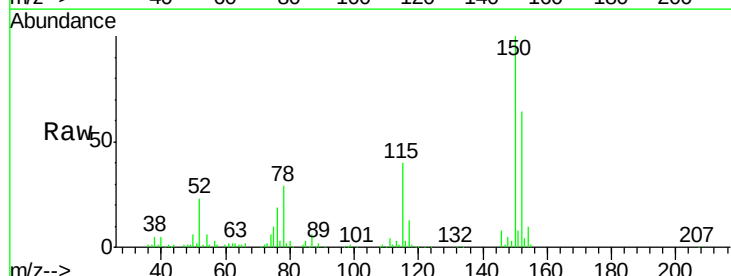
Tgt Ion:152 Resp: 118054

Ion Ratio Lower Upper

152 100

115 64.3 31.6 94.8

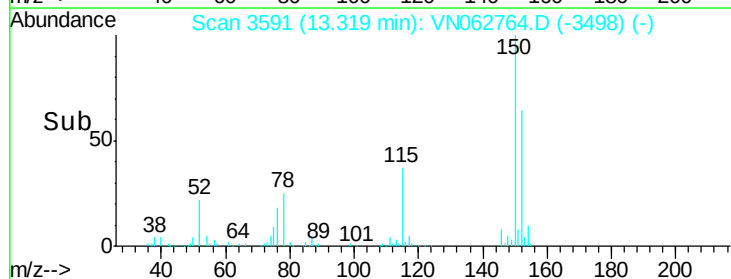
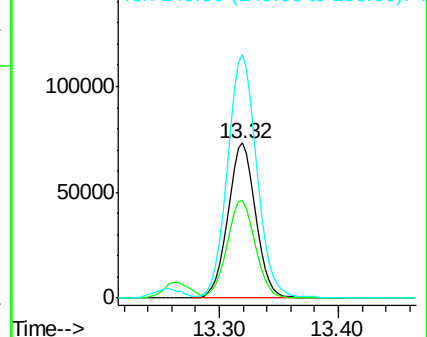
150 165.8 0.0 349.2

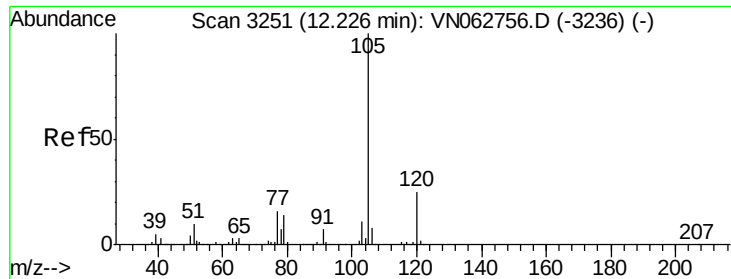


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.551 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBS01

Tot Ion:105 Resp: 173799

Ion Ratio Lower Upper

105 100

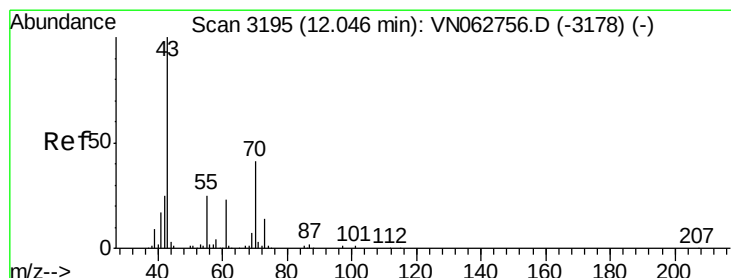
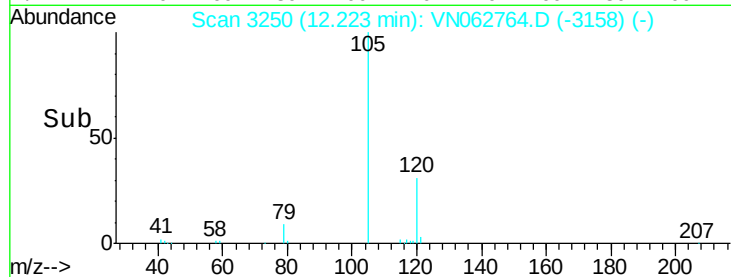
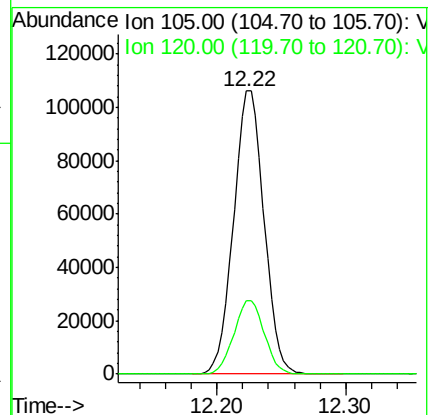
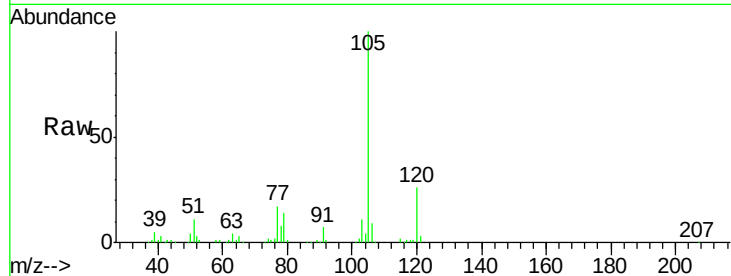
120 25.9 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.859 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion: 43 Resp: 71541

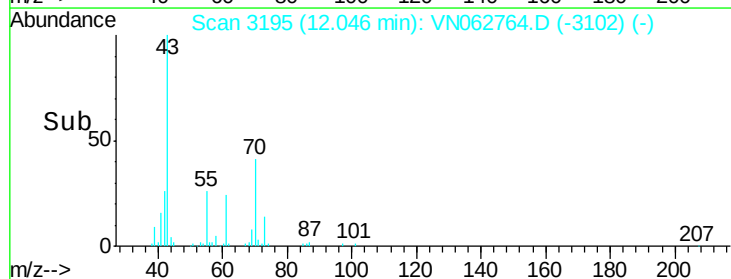
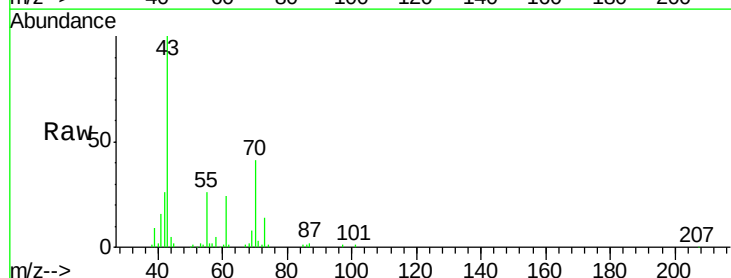
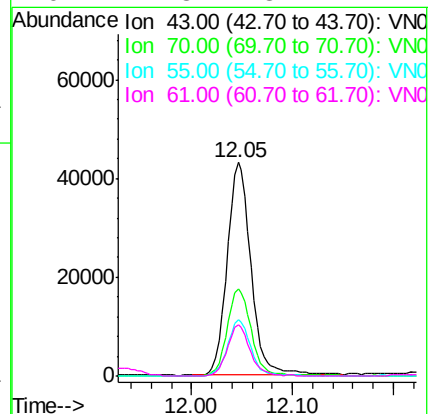
Ion Ratio Lower Upper

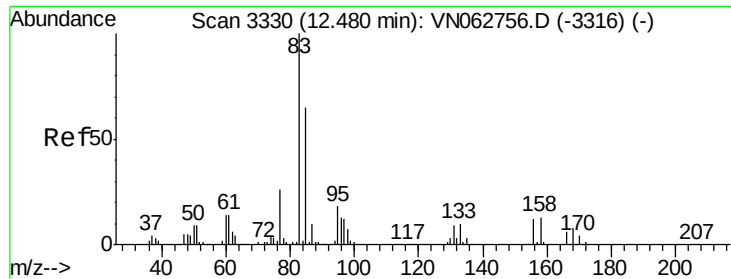
43 100

70 41.2 32.3 48.5

55 25.5 20.2 30.2

61 22.8 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.820 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

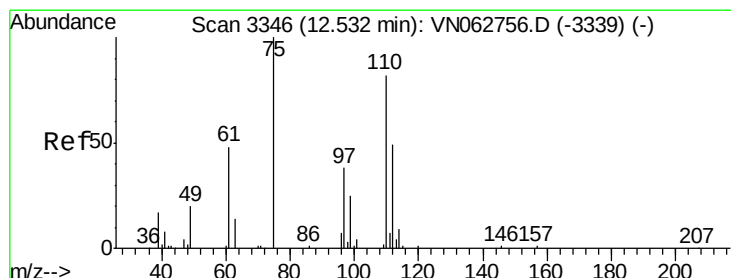
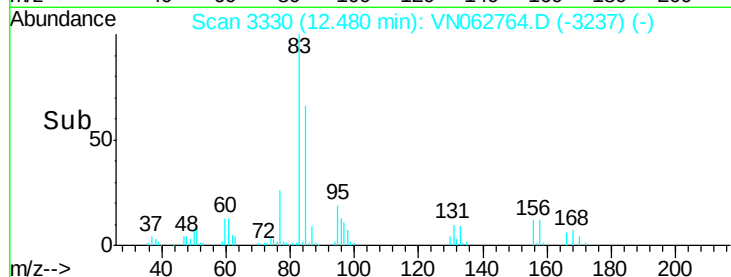
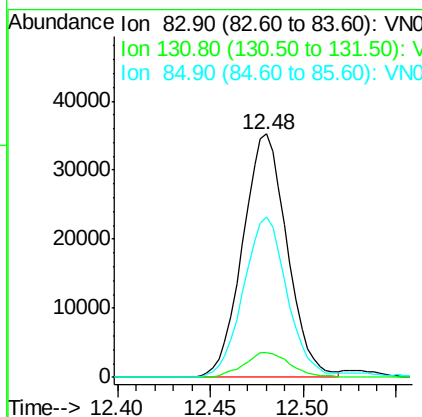
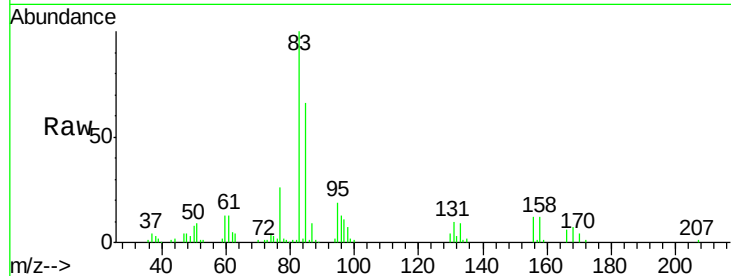
ClientSampled :

VN0806WBS01

Tot Ion:	83	Resp:	58894
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.395 ug/l m

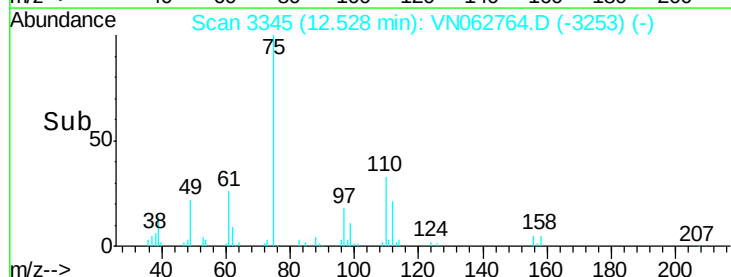
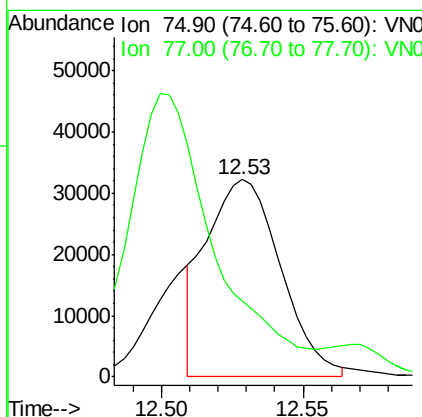
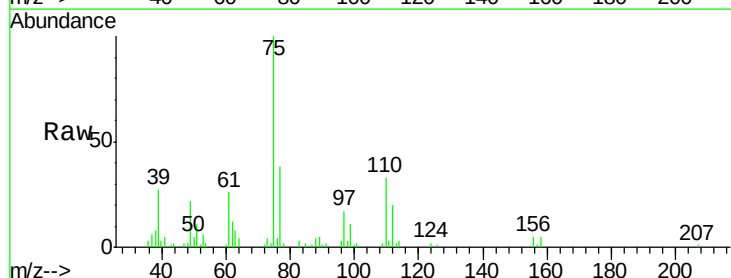
RT: 12.53 min Scan# 3345

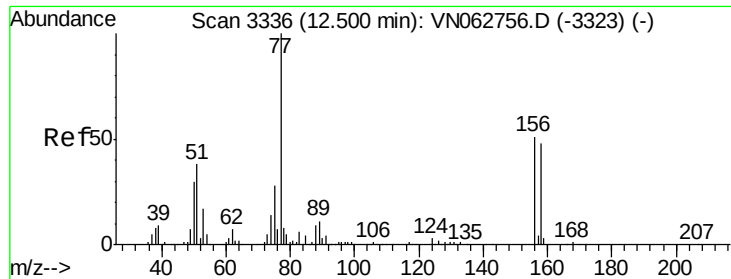
Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion:	75	Resp:	58567
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.717 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

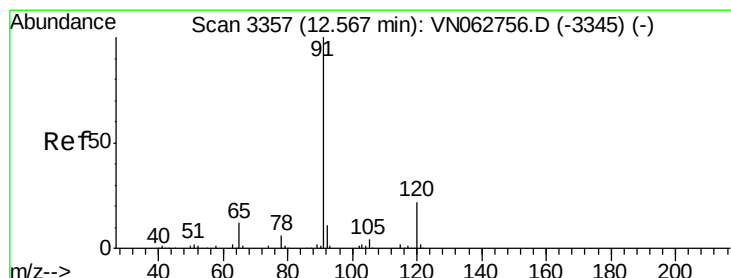
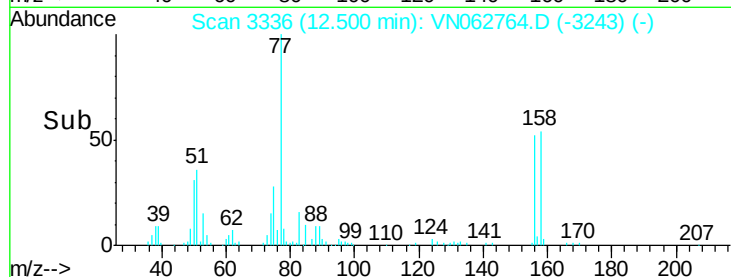
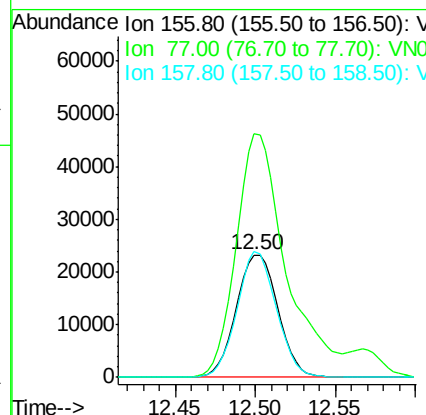
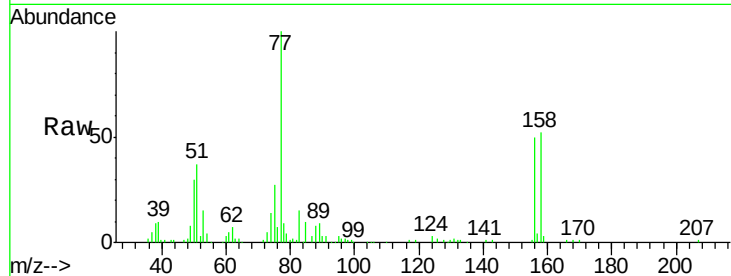
ClientSampled :

VN0806WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	238.4	119.7	359.1
158	96.7	48.1	144.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.564 ug/l

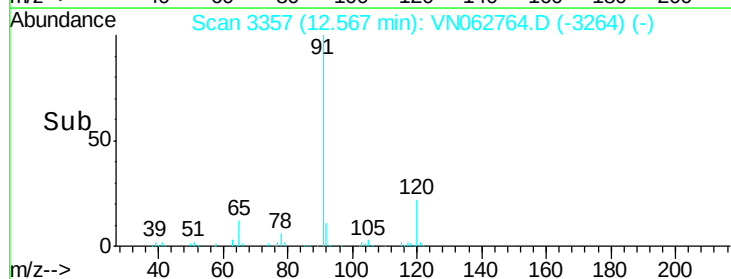
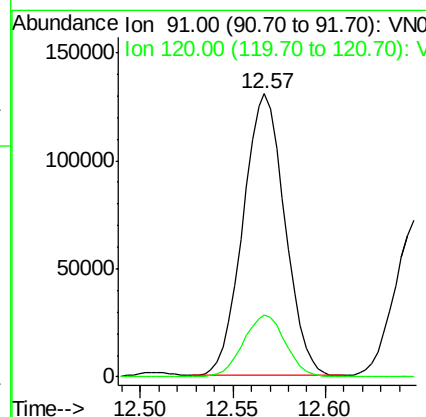
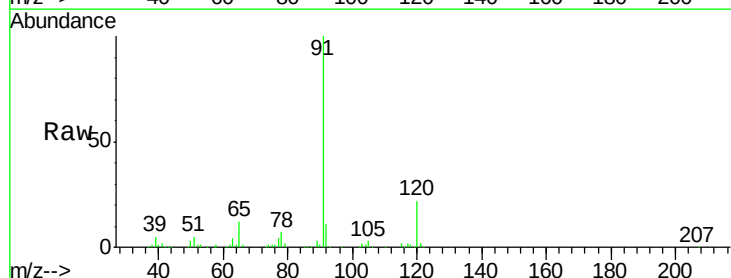
RT: 12.57 min Scan# 3357

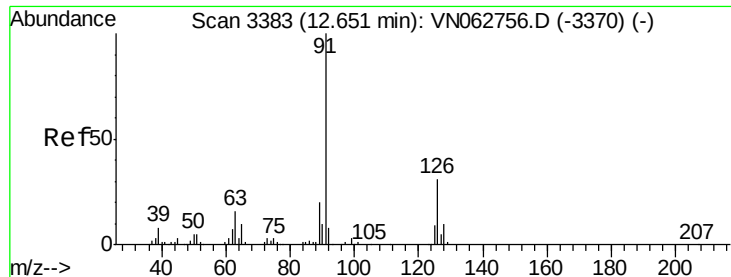
Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	10.9	32.9





#79

2-Chlorotoluene

Concen: 19.011 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

Tot Ion: 91 Resp: 124400

Ion Ratio Lower Upper

91 100

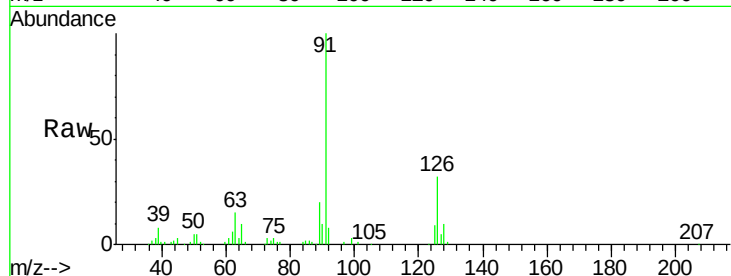
126 32.2 15.6 46.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062756.D (-3370) (-)

12.65

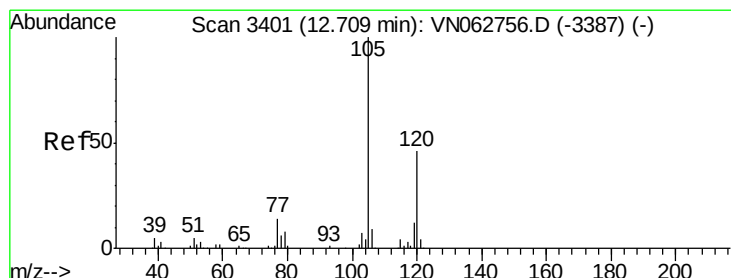
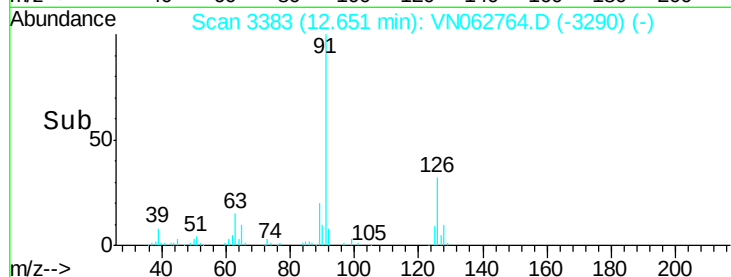
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.714 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062764.D

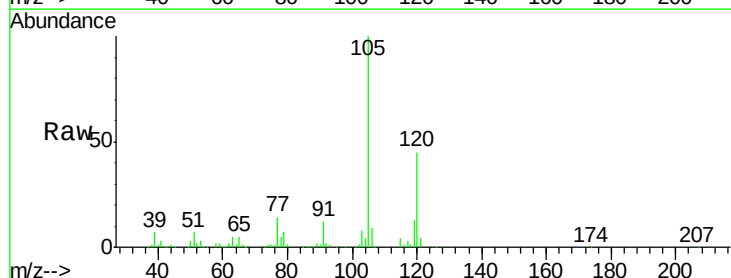
Acq: 6 Aug 2020 14:12

Tgt Ion:105 Resp: 152032

Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)

Ion 120.00 (119.70 to 120.70): VN062756.D (-3387) (-)

12.71

100000

80000

60000

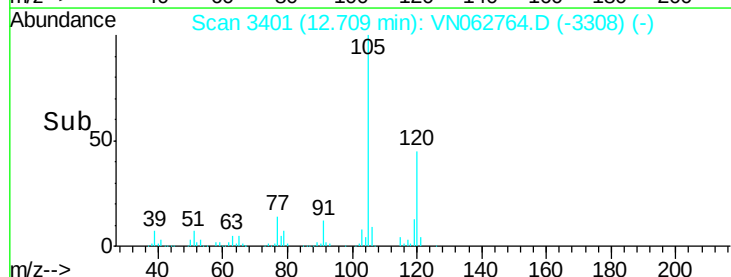
40000

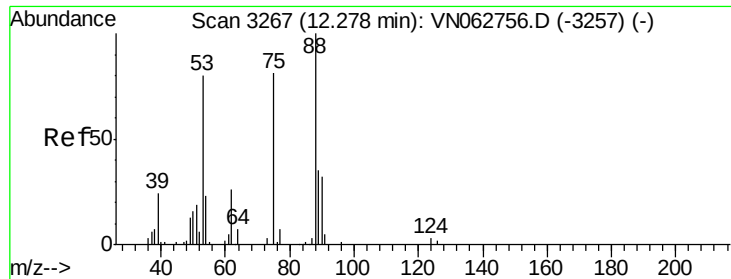
20000

0

12.65 12.70 12.75 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.521 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

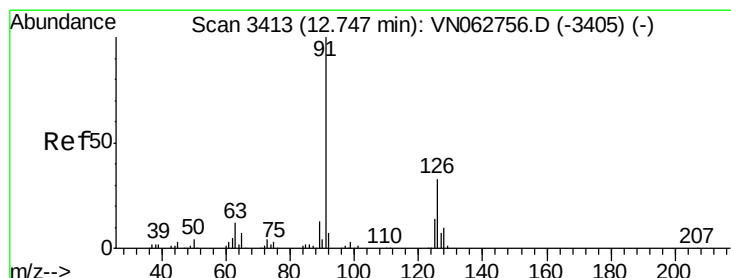
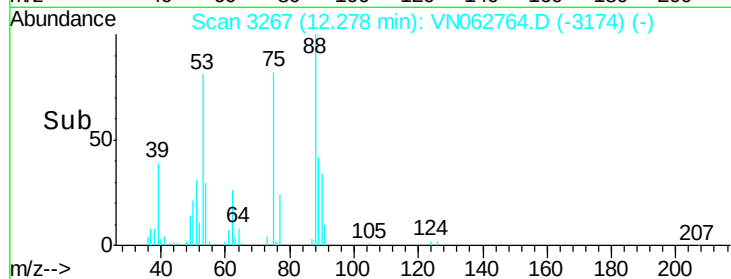
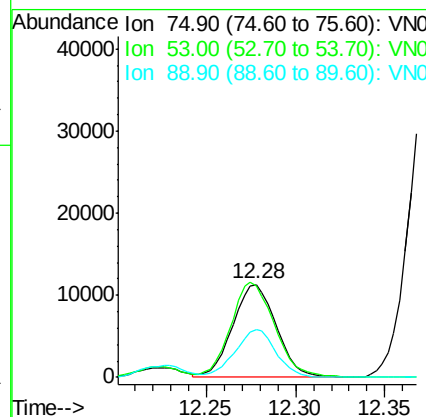
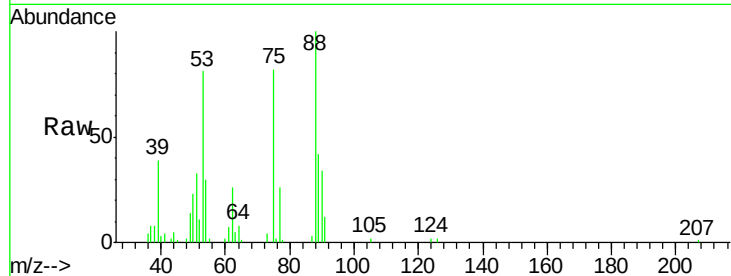
ClientSampled :

VN0806WBS01

Tot Ion:	75	Resp:	19316
Ion	Ratio	Lower	Upper
75	100		
53	103.2	79.1	118.7
89	47.6	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.176 ug/l

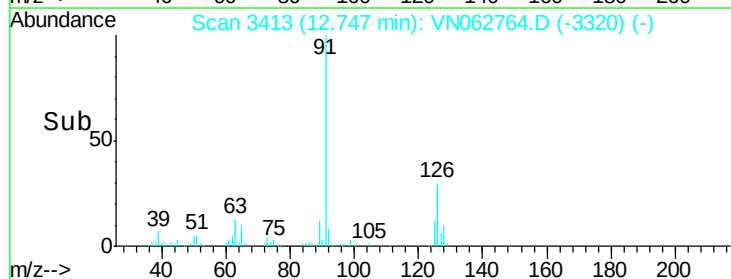
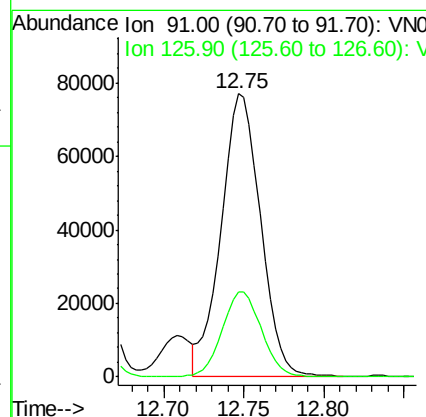
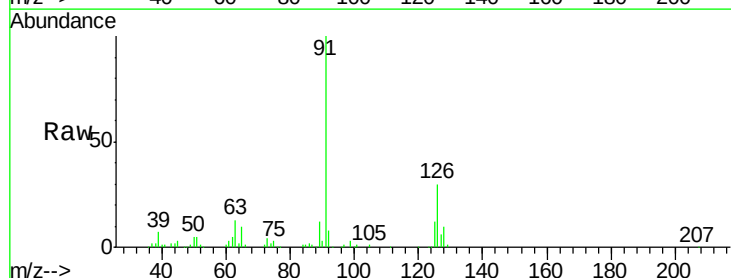
RT: 12.75 min Scan# 3413

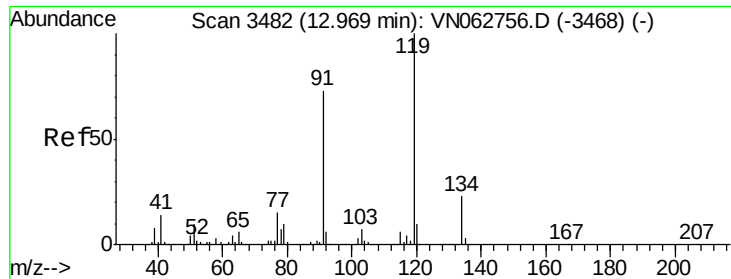
Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion:	91	Resp:	129311
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.3	45.9





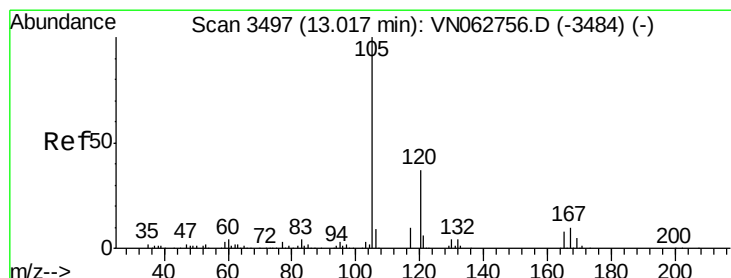
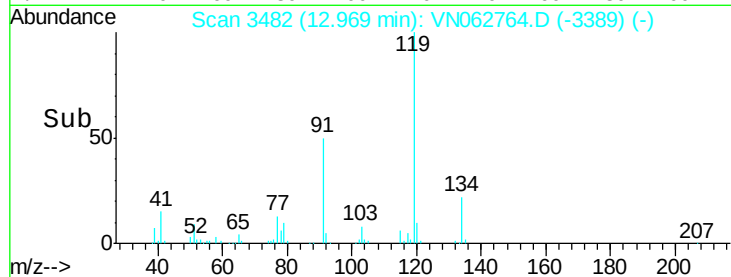
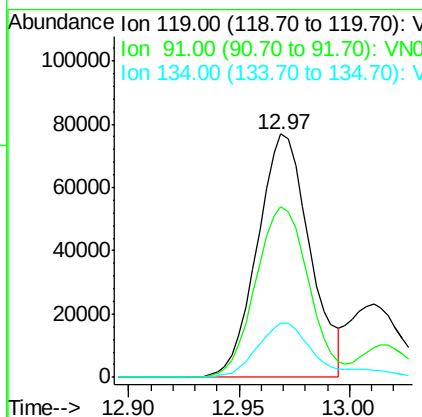
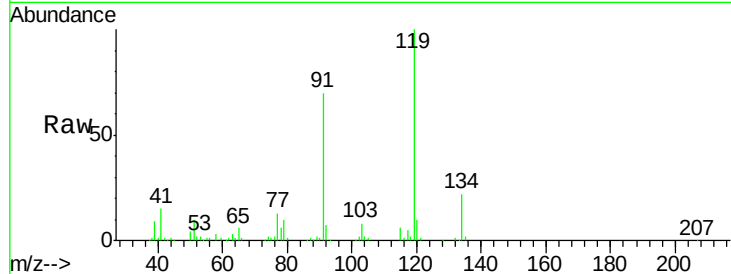
#83
 tert-Butylbenzene
 Concen: 19.378 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.0	36.5	109.5
134	22.5	11.3	33.8

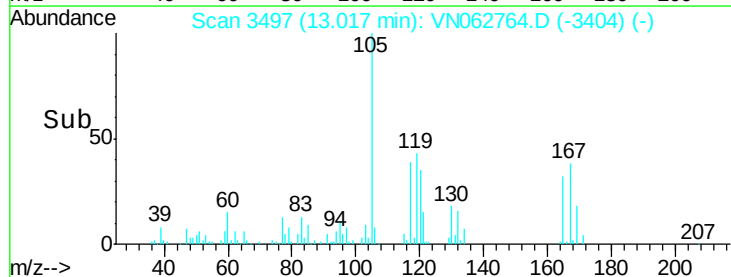
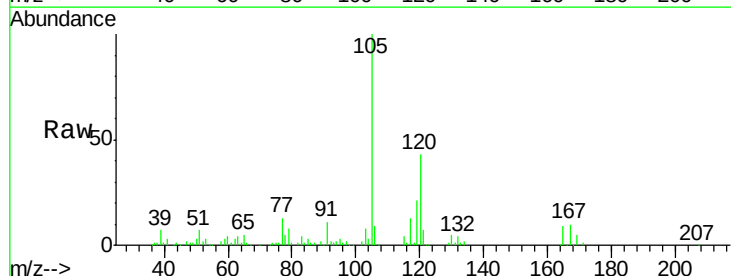
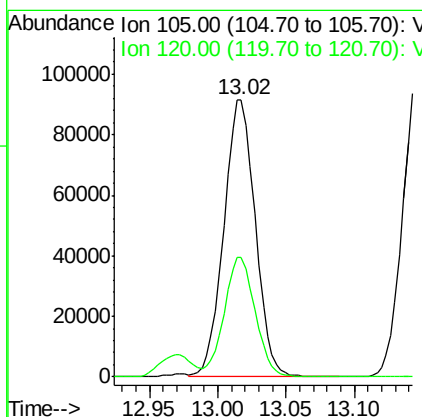
Manual Integrations
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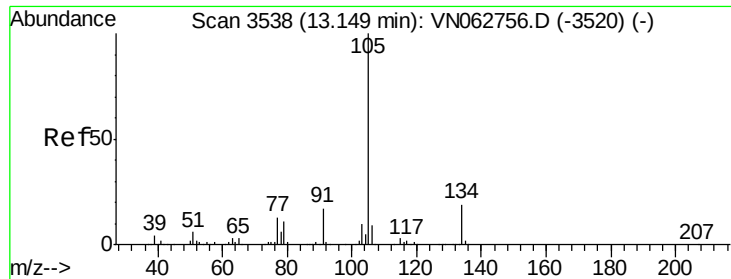
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.745 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.5	21.4	64.2





#85

sec-Butylbenzene

Concen: 19.780 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN0806WBS01

Tot Ion:105 Resp: 169502

Ion Ratio Lower Upper

105 100

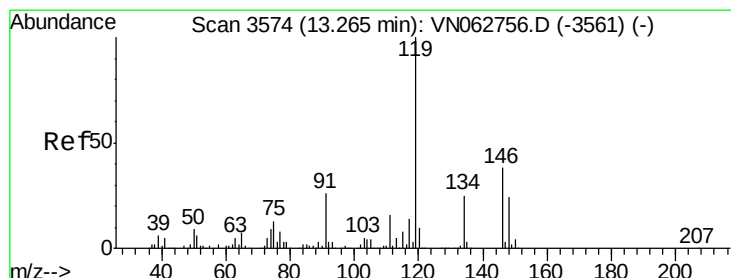
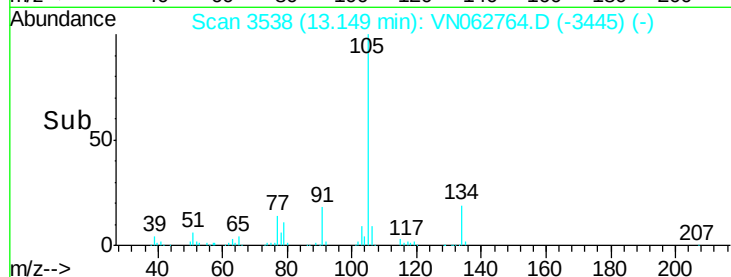
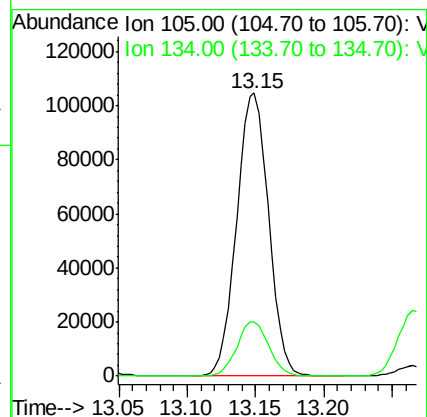
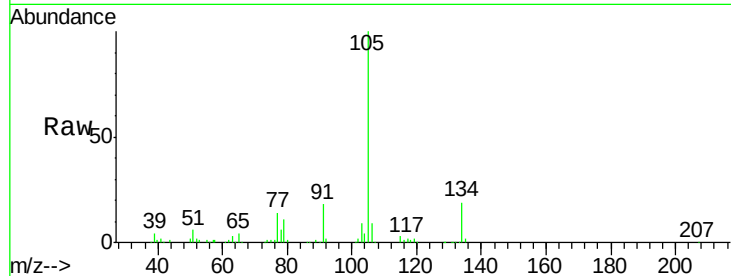
134 19.2 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 19.434 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

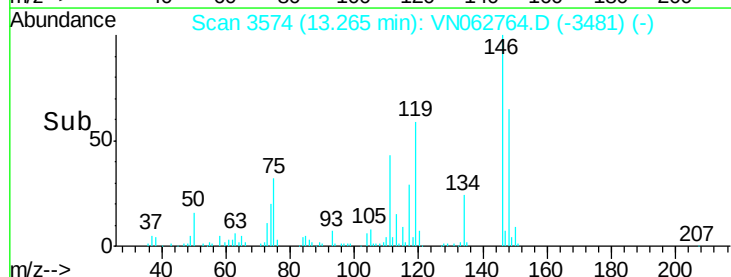
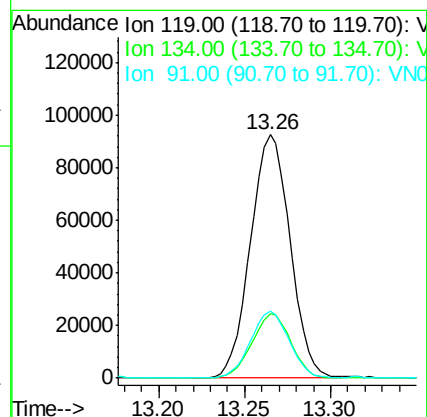
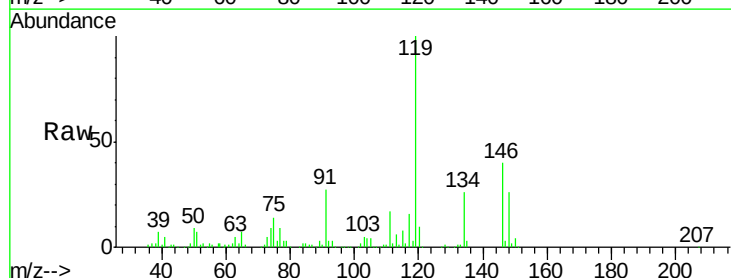
Tgt Ion:119 Resp: 147828

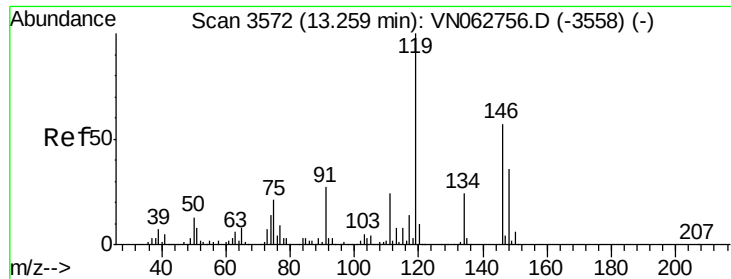
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 27.0 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 18.594 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

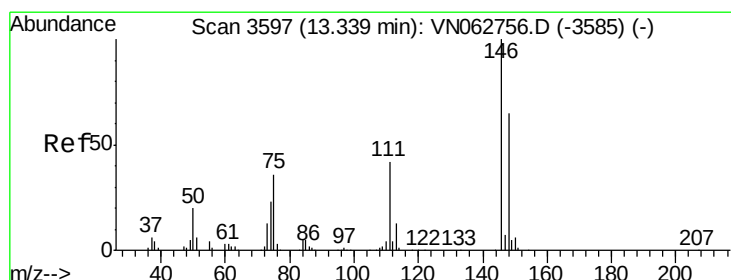
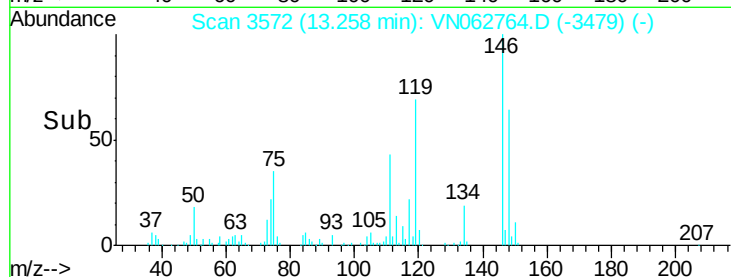
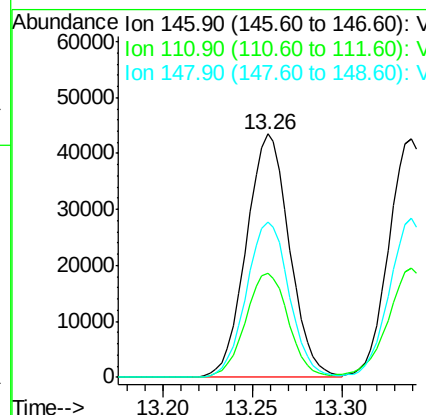
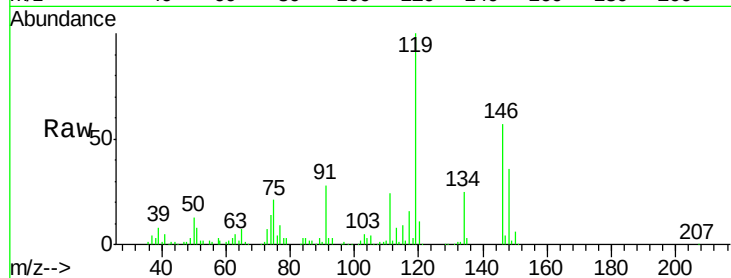
ClientSampled :

VN0806WBS01

Tot Ion:	146	Resp:	73370
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.7	65.1
148	63.3	31.4	94.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.288 ug/l

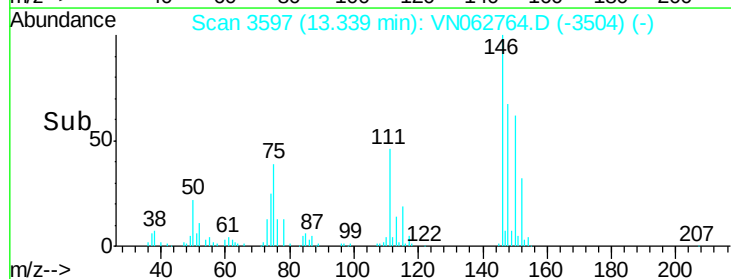
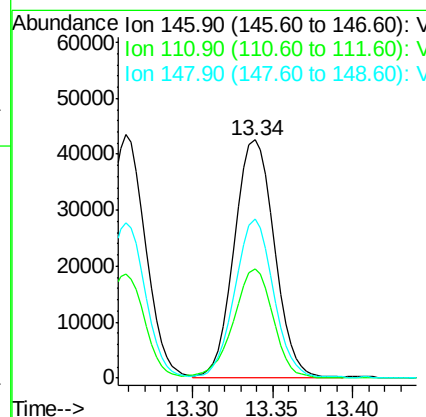
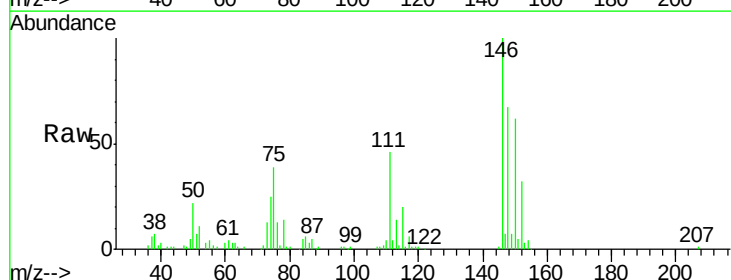
RT: 13.34 min Scan# 3597

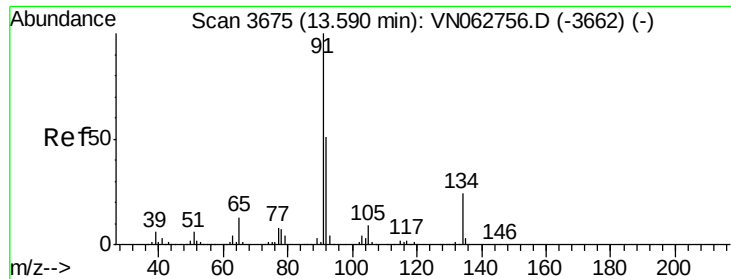
Delta R.T. -0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion:	146	Resp:	72375
Ion	Ratio	Lower	Upper
146	100		
111	45.6	21.6	64.6
148	64.3	32.6	97.8





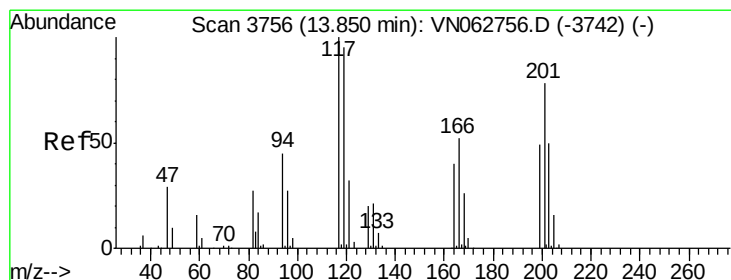
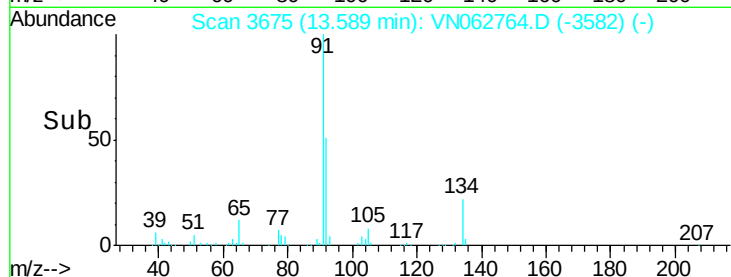
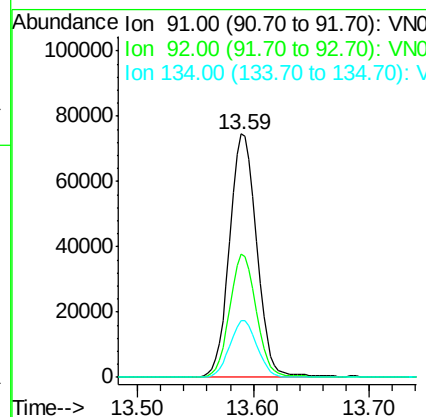
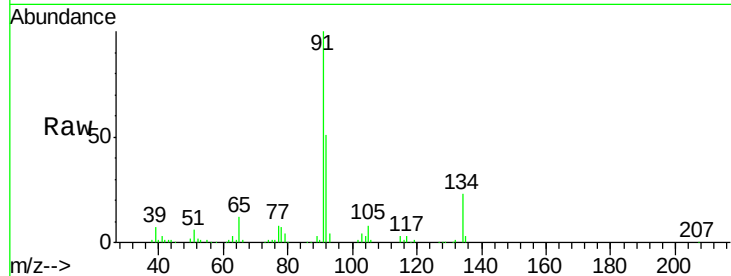
#89
n-Butylbenzene
Concen: 18.821 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN0806WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.9	25.7	77.0
134	23.2	12.2	36.6

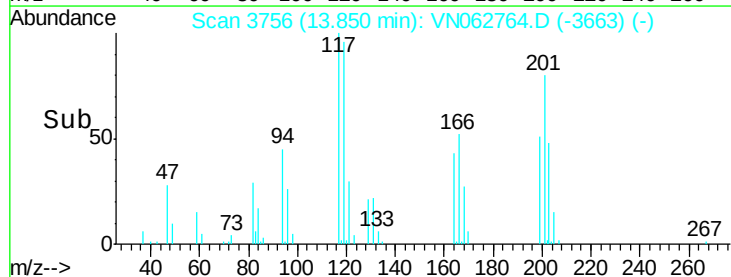
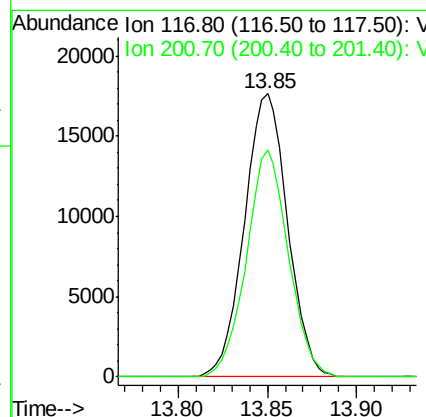
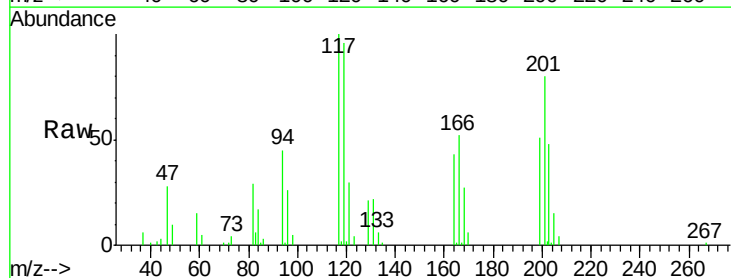
Manual Integrations
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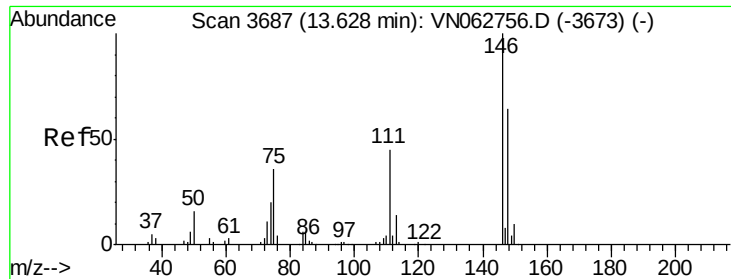
MMDadoda
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#90
Hexachloroethane
Concen: 18.152 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062764.D
Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.0	39.2	117.6





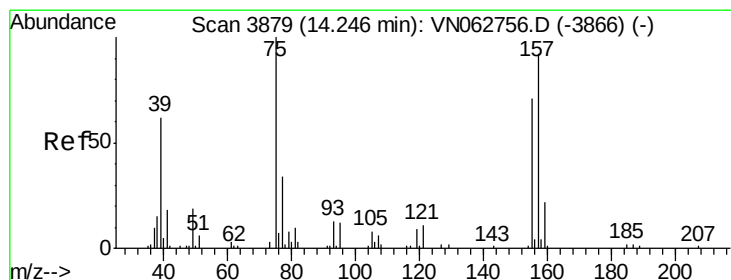
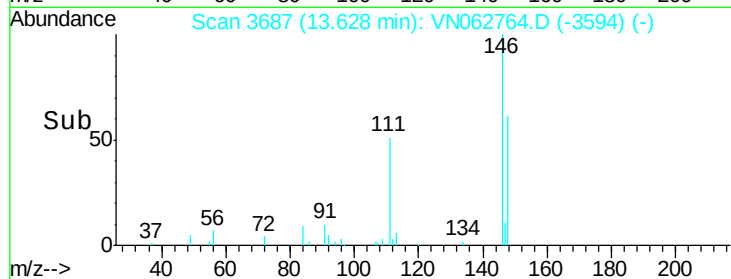
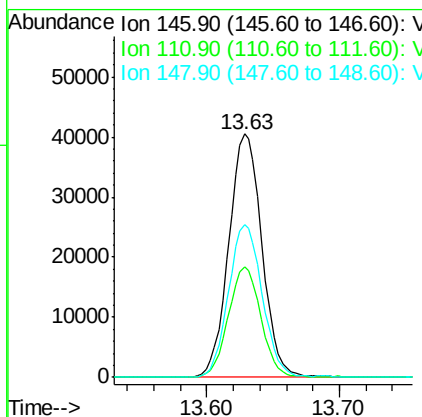
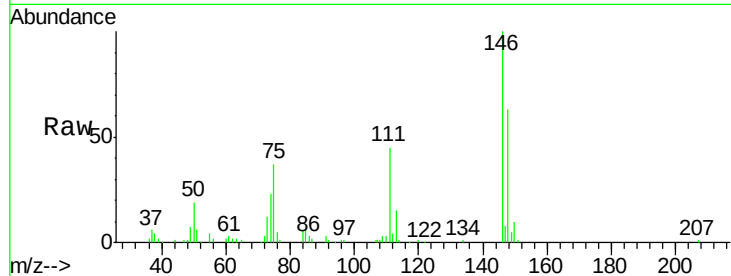
#91
 1,2-Dichlorobenzene
 Concen: 19.016 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.8	68.4
148	63.7	31.9	95.5

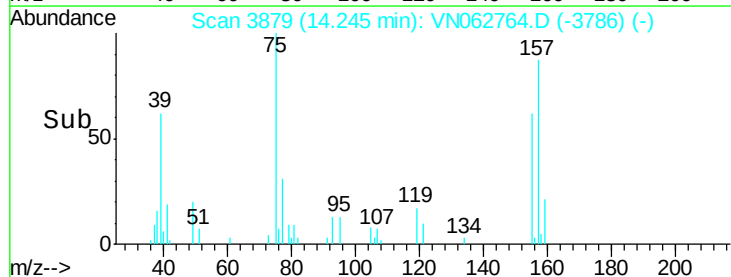
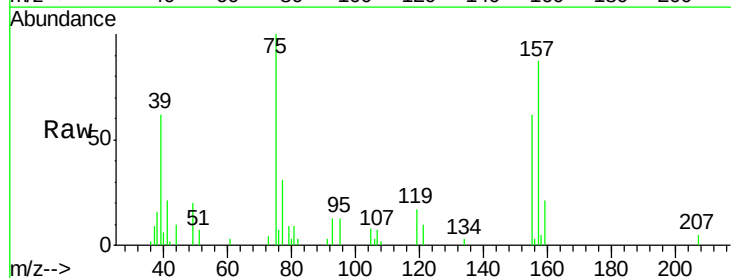
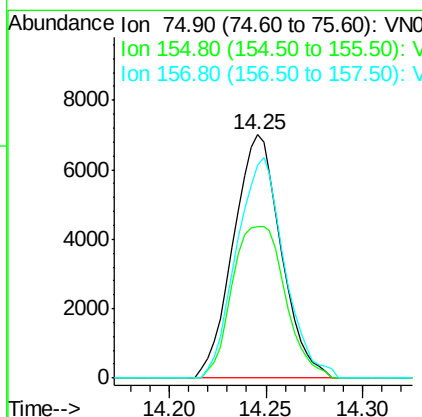
Manual Integrations
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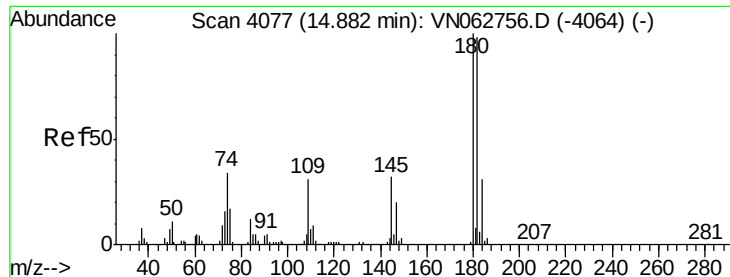
MMDadoda
 8/7/2020 12:50:42 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.875 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.3	35.0	105.1
157	91.0	43.2	129.6





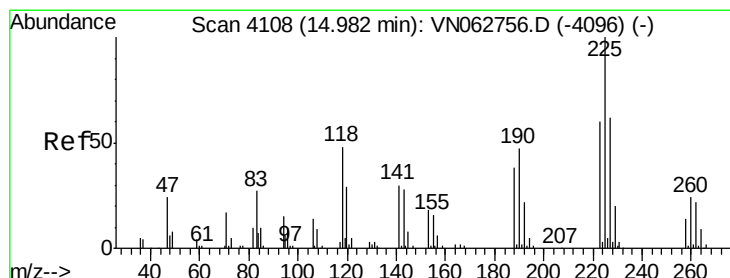
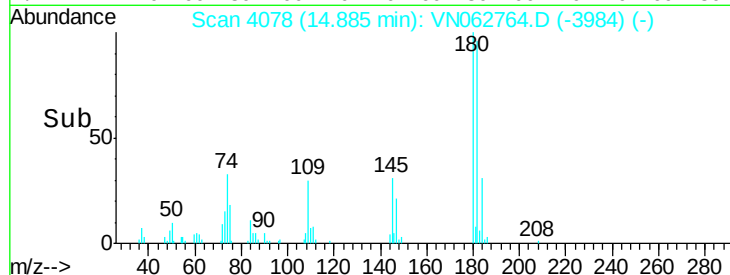
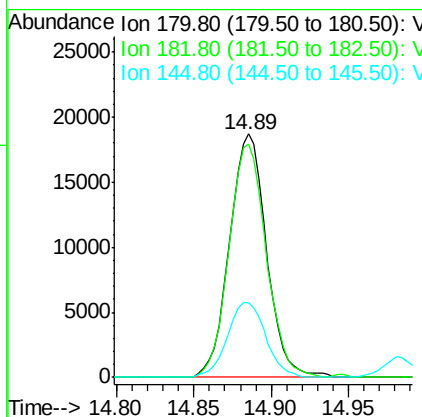
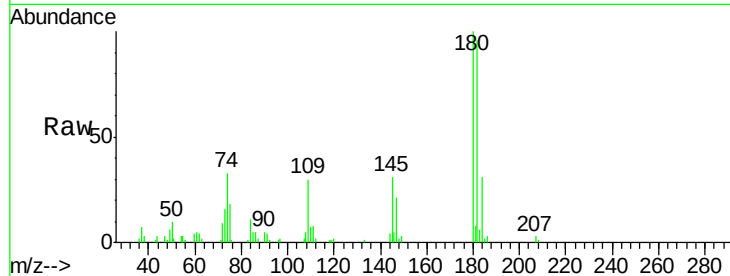
#93
 1,2,4-Trichlorobenzene
 Concen: 17.860 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBS01

Tot Ion:	180	Resp:	30939
Ion Ratio	Lower	Upper	
180	100		
182	96.6	49.1	147.4
145	31.8	16.3	48.8

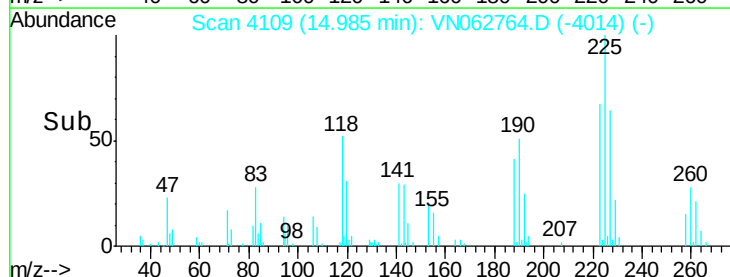
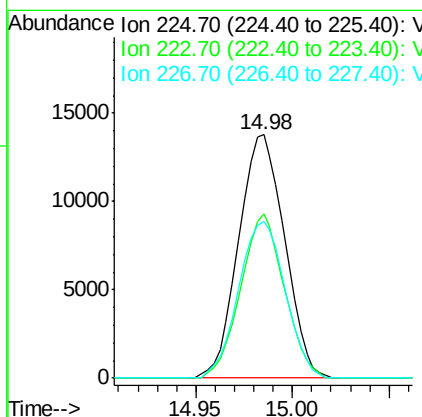
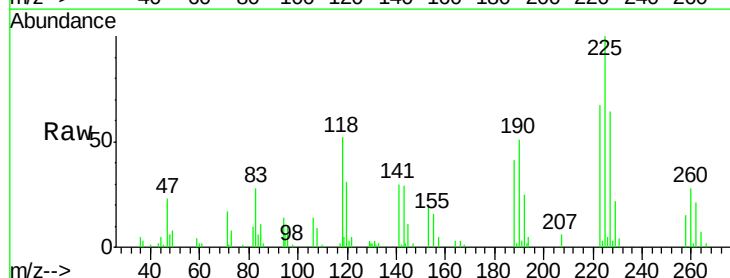
Manual Integrations
 APPROVED

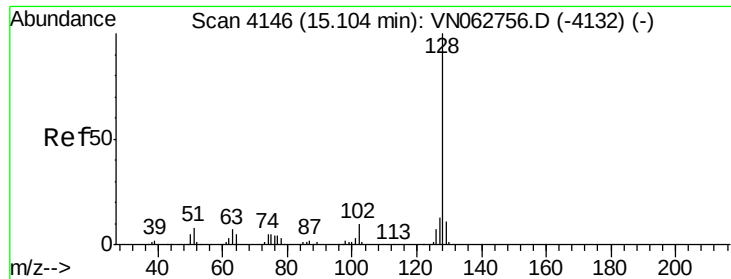
MMDadoda
 8/7/2020 12:50:42 PM



#94
 Hexachlorobutadiene
 Concen: 18.564 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062764.D
 Acq: 6 Aug 2020 14:12

Tgt Ion:	225	Resp:	22748
Ion Ratio	Lower	Upper	
225	100		
223	64.0	30.6	92.0
227	65.3	31.6	95.0





#95

Naphthalene

Concen: 17.353 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Instrument :

MSVOA_N

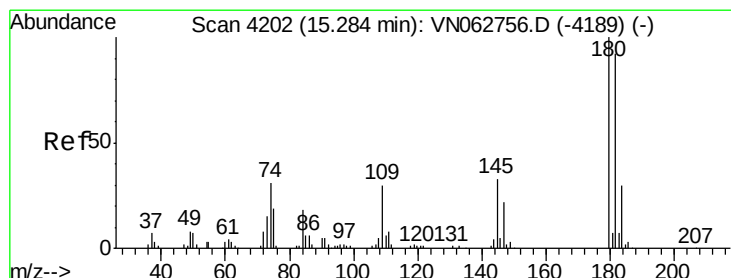
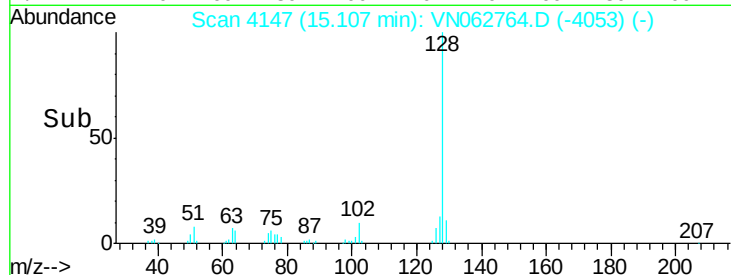
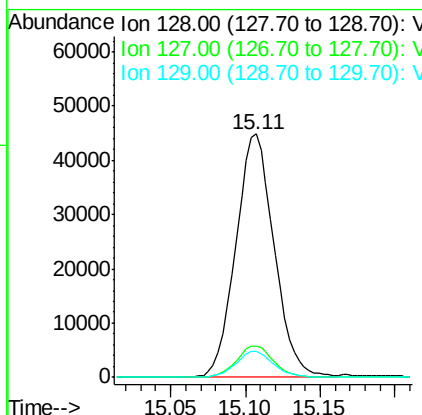
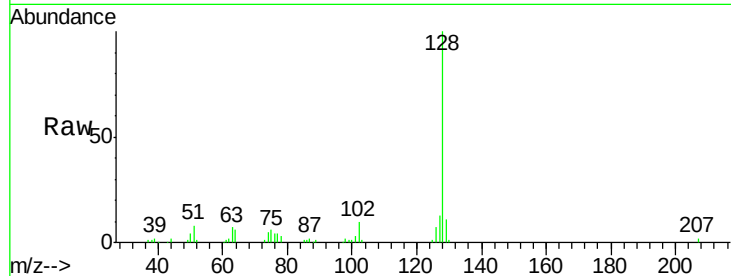
ClientSampleId :

VN0806WBS01

Tot Ion:	128	Resp:	79984
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.8	16.2
129	10.5	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/7/2020 12:50:42 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.084 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062764.D

Acq: 6 Aug 2020 14:12

Tgt Ion:	180	Resp:	31788
Ion	Ratio	Lower	Upper
180	100		
182	99.0	47.9	143.6
145	36.2	17.3	51.7

