

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062876.D
 Acq On : 12 Aug 2020 23:53
 Operator : JC/MD
 Sample : VN0812WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:56:12 AM

Quant Time: Aug 13 07:09:11 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	162397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	265140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	249875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	114985	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	125992	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	7.55	113	88950	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
50) Toluene-d8	10.06	98	334216	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.38	95	118915	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43298	18.619	ug/l	99
3) Chloromethane	2.03	50	49867	22.724	ug/l	94
4) Vinyl Chloride	2.16	62	47580	23.117	ug/l	98
5) Bromomethane	2.52	94	27309	20.043	ug/l	100
6) Chloroethane	2.66	64	28064	20.726	ug/l	99
7) Trichlorofluoromethane	2.98	101	68590	18.688	ug/l	99
8) Diethyl Ether	3.37	74	20068	19.100	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	27767	18.200	ug/l	98
10) Methyl Iodide	3.91	142	33377	18.763	ug/l	94
11) Tert butyl alcohol	4.74	59	39670	90.128	ug/l	99
12) 1,1-Dichloroethene	3.69	96	26585	18.486	ug/l	99
13) Acrolein	3.57	56	15631	58.653	ug/l	93
14) Allyl chloride	4.28	41	47241	16.615	ug/l	95
15) Acrylonitrile	4.93	53	98262	96.251	ug/l	99
16) Acetone	3.78	43	86798	89.447	ug/l	97
17) Carbon Disulfide	4.01	76	70162	17.261	ug/l	98
18) Methyl Acetate	4.28	43	47557	20.044	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	115162	18.303	ug/l	100
20) Methylene Chloride	4.50	84	35705	19.644	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	29446	18.119	ug/l	88
22) Diisopropyl ether	5.91	45	118429	19.567	ug/l	96
23) Vinyl Acetate	5.85	43	396434	86.111	ug/l	98
24) 1,1-Dichloroethane	5.80	63	64045	18.056	ug/l	99
25) 2-Butanone	6.79	43	123994	90.219	ug/l	99
26) 2,2-Dichloropropane	6.78	77	39115	11.963	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	36101	18.518	ug/l	90
28) Bromochloromethane	7.15	49	33360	19.488	ug/l	98
29) Tetrahydrofuran	7.17	42	83619	93.651	ug/l	98
30) Chloroform	7.33	83	69477	18.431	ug/l	98
31) Cyclohexane	7.62	56	56657	17.401	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	59479	17.648	ug/l	98
36) 1,1-Dichloropropene	7.75	75	44090	17.078	ug/l	99
37) Ethyl Acetate	6.88	43	49087	18.202	ug/l	98
38) Carbon Tetrachloride	7.73	117	52143	17.077	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51031	16.425	ug/l	98
40) Benzene	8.00	78	137135	17.801	ug/l	99
41) Methacrylonitrile	7.13	41	19425m	15.962	ug/l	
42) 1,2-Dichloroethane	8.08	62	57859	17.646	ug/l	87
43) Isopropyl Acetate	8.13	43	78010	17.342	ug/l	97
44) Trichloroethene	8.80	130	32877	17.517	ug/l	99
45) 1,2-Dichloropropane	9.09	63	40766	19.552	ug/l	100
46) Dibromomethane	9.17	93	25380	18.578	ug/l	99
47) Bromodichloromethane	9.37	83	56191	18.313	ug/l	99
48) Methyl methacrylate	9.17	41	38239	17.283	ug/l	99
49) 1,4-Dioxane	9.17	88	15512	378.371	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	268495	92.253	ug/l	100
52) Toluene	10.13	92	84403	17.745	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	55575	16.466	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	57238	16.891	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	37888	18.650	ug/l	98
56) Ethyl methacrylate	10.40	69	53798	17.594	ug/l	97
57) 1,3-Dichloropropane	10.68	76	62300	18.049	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	64271	74.360	ug/l	99
59) 2-Hexanone	10.72	43	194276	89.487	ug/l	99
60) Dibromochloromethane	10.87	129	42865	18.490	ug/l	99
61) 1,2-Dibromoethane	10.98	107	37366	18.640	ug/l	100
64) Tetrachloroethene	10.60	164	28930	17.944	ug/l	98
65) Chlorobenzene	11.41	112	94272	18.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	39004	18.595	ug/l	98
67) Ethyl Benzene	11.49	91	162192	17.352	ug/l	99
68) m/p-Xylenes	11.60	106	119455	35.206	ug/l	97
69) o-Xylene	11.92	106	56784	17.858	ug/l	100
70) Styrene	11.94	104	101239	18.114	ug/l	98
71) Bromoform	12.10	173	30307	17.659	ug/l #	100
73) Isopropylbenzene	12.23	105	156297	18.052	ug/l	98
74) N-amyl acetate	12.05	43	67088	19.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	58214	19.099	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	52497m	16.929	ug/l	
77) Bromobenzene	12.50	156	39457	18.341	ug/l	96
78) n-propylbenzene	12.57	91	179969	17.707	ug/l	99
79) 2-Chlorotoluene	12.65	91	115055	18.052	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	141550	18.844	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	16233	15.980	ug/l	99
82) 4-Chlorotoluene	12.75	91	117103	17.829	ug/l	97
83) tert-Butylbenzene	12.97	119	116702	18.361	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	134319	18.692	ug/l	97
85) sec-Butylbenzene	13.15	105	153561	18.398	ug/l	100
86) p-Isopropyltoluene	13.26	119	131805	17.790	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	68301	17.772	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	69019	17.905	ug/l	99
89) n-Butylbenzene	13.59	91	99206	15.832	ug/l	99
90) Hexachloroethane	13.85	117	28256	17.693	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	67709	18.792	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11933	18.236	ug/l	100

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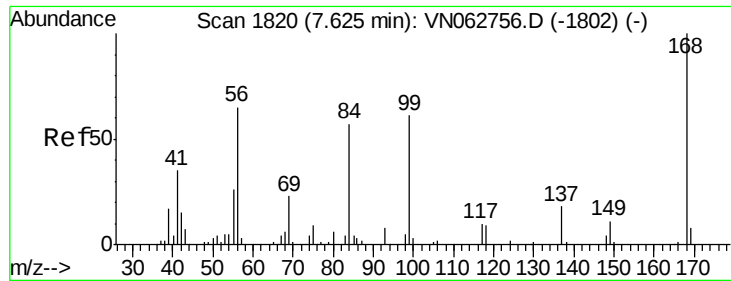
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	26300	16.010	ug/l	98
94) Hexachlorobutadiene	14.98	225	20799	17.329	ug/l	98
95) Naphthalene	15.11	128	70668	16.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28707	16.967	ug/l	98

(#) = 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: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

Tot Ion:168 Resp: 162397

Ion Ratio Lower Upper

168 100

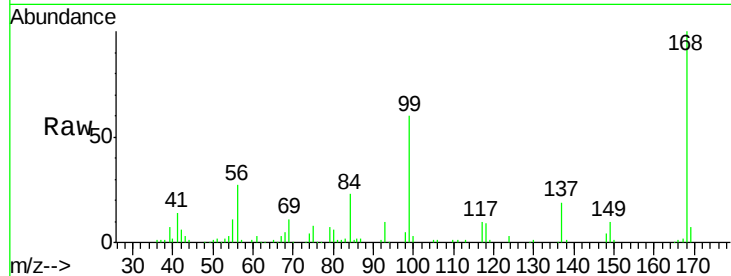
99 60.2 52.9 79.3

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

60000

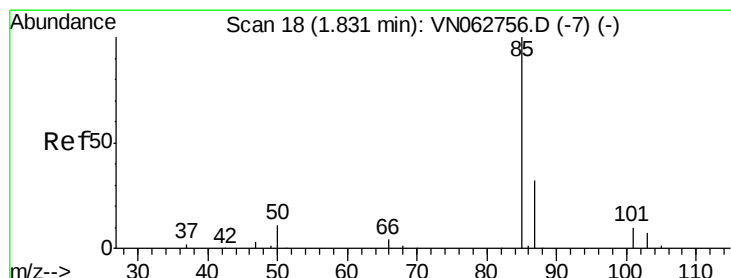
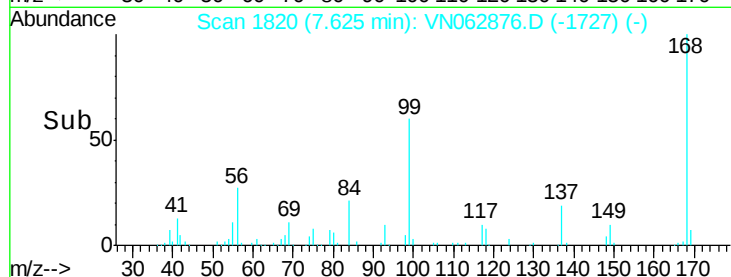
40000

20000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.619 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062876.D

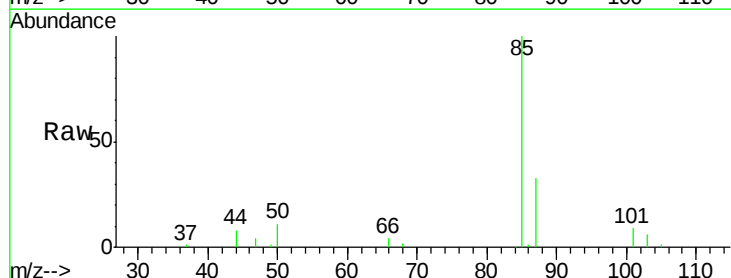
Acq: 12 Aug 2020 23:53

Tgt Ion: 85 Resp: 43298

Ion Ratio Lower Upper

85 100

87 33.2 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

30000

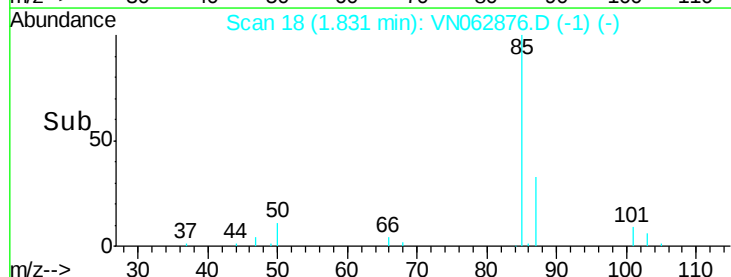
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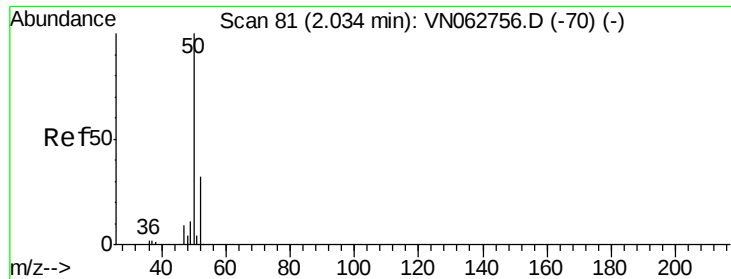
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 22.724 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

Tot Ion: 50 Resp: 49867

Ion Ratio Lower Upper

50 100

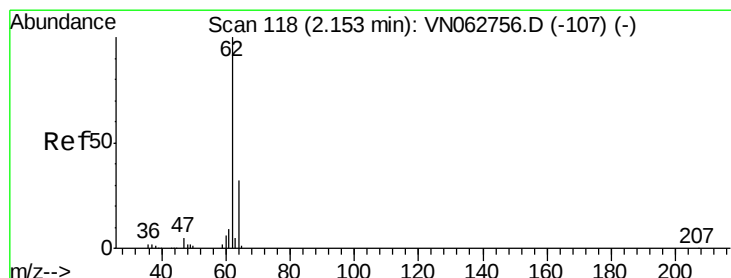
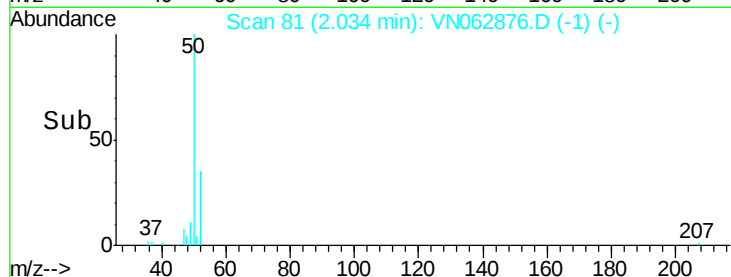
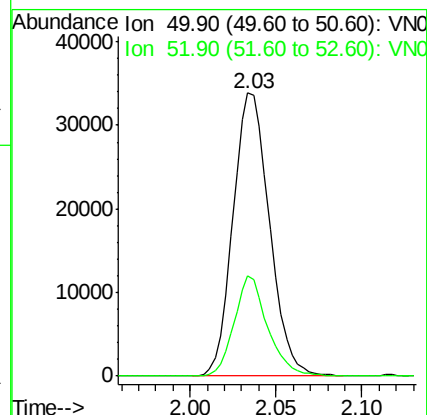
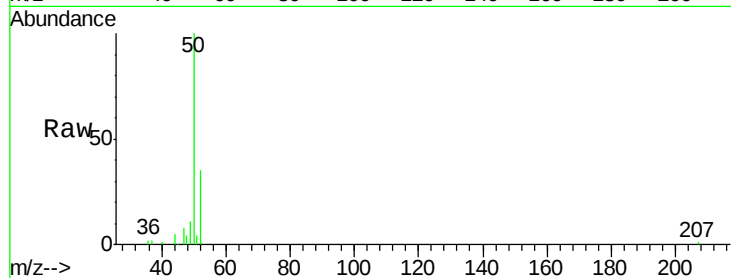
52 35.3 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 23.117 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN062876.D

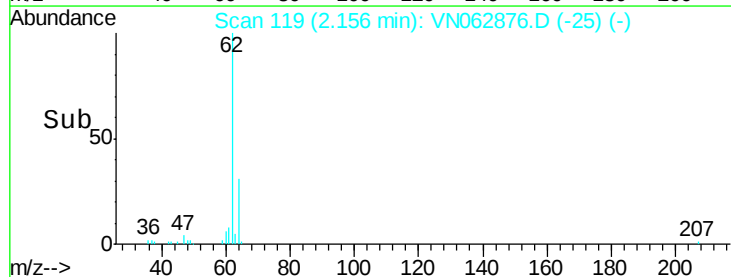
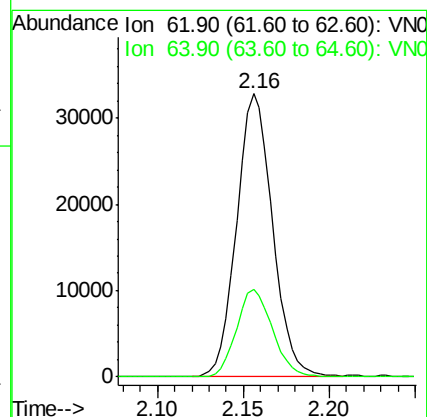
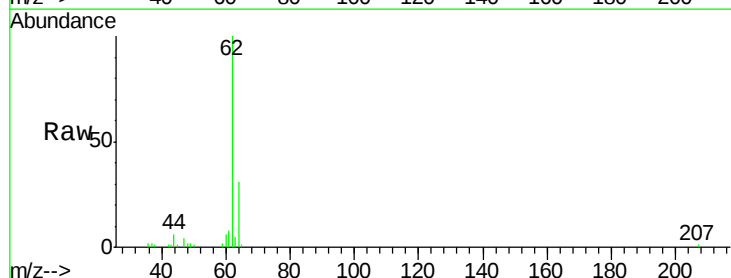
Acq: 12 Aug 2020 23:53

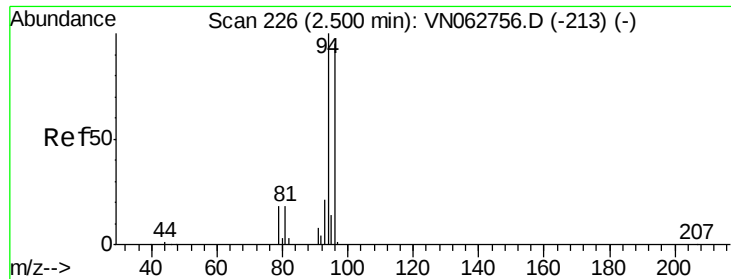
Tgt Ion: 62 Resp: 47580

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.8





#5

Bromomethane

Concen: 20.043 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.02 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

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ClientSampleId :

VN0812WBS02

Tot Ion: 94 Resp: 27309

Ion Ratio Lower Upper

94 100

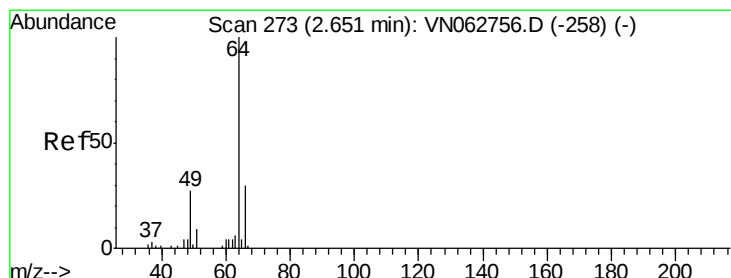
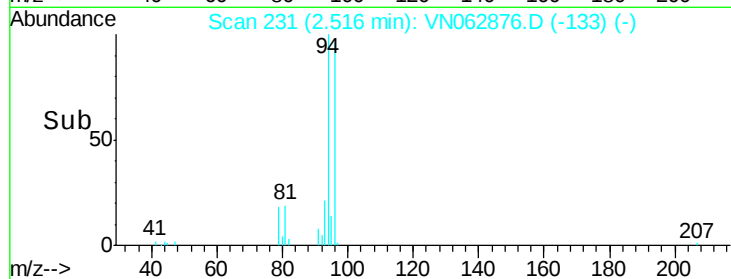
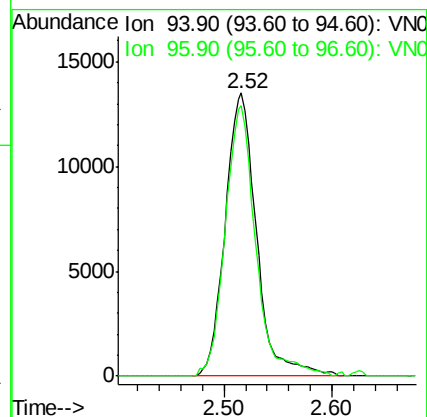
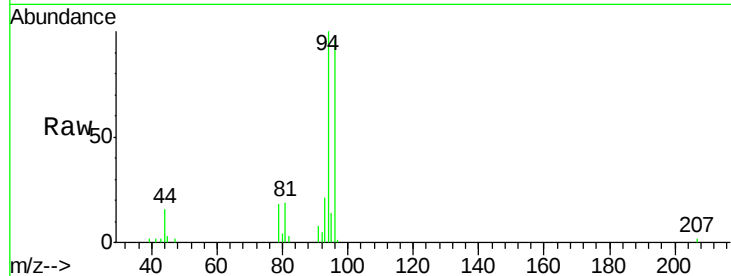
96 95.7 76.2 114.4

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#6

Chloroethane

Concen: 20.726 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.01 min

Lab File: VN062876.D

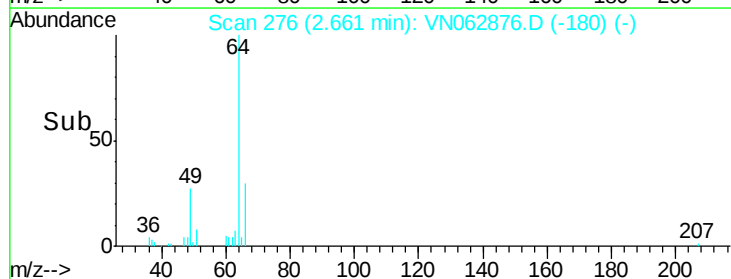
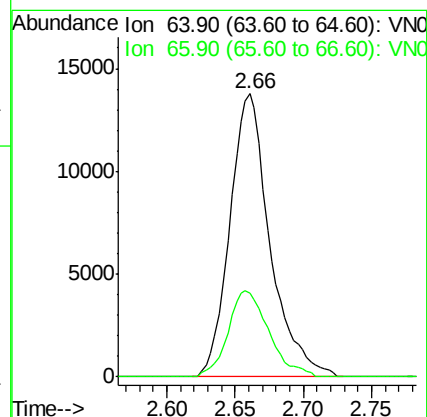
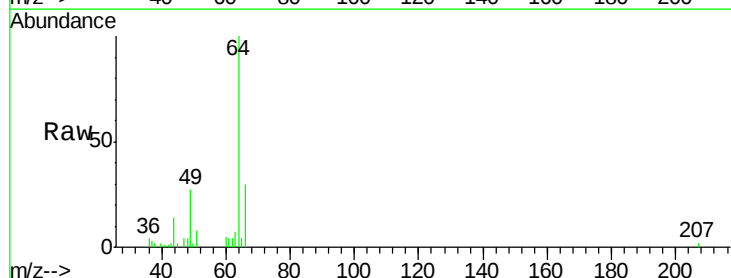
Acq: 12 Aug 2020 23:53

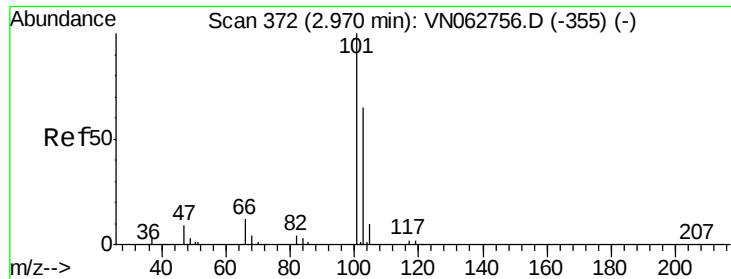
Tgt Ion: 64 Resp: 28064

Ion Ratio Lower Upper

64 100

66 29.6 24.0 36.0





#7

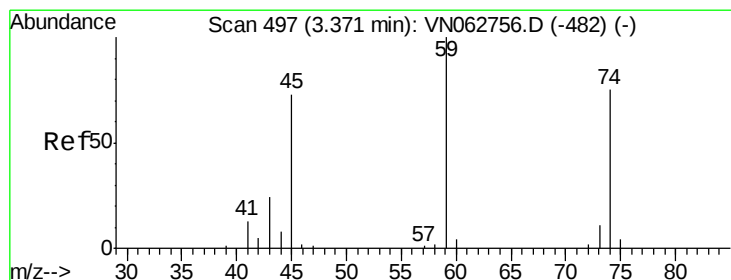
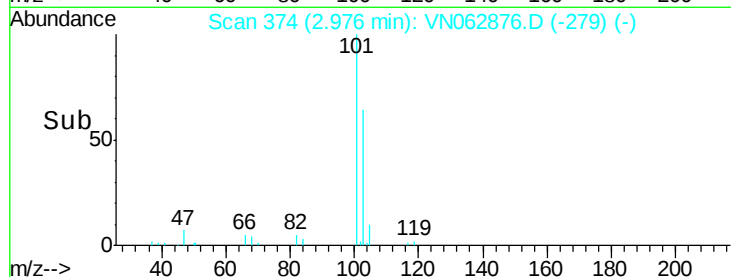
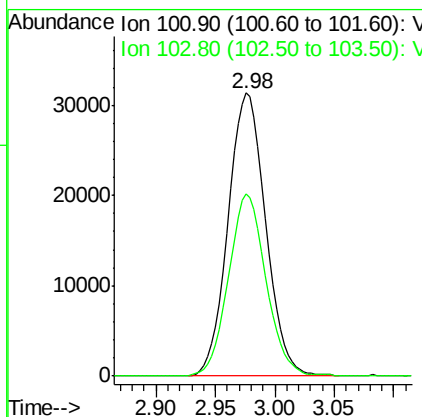
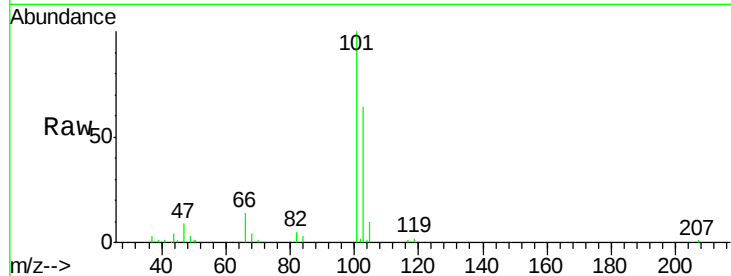
Trichlorofluoromethane
 Concen: 18.688 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.3	78.5

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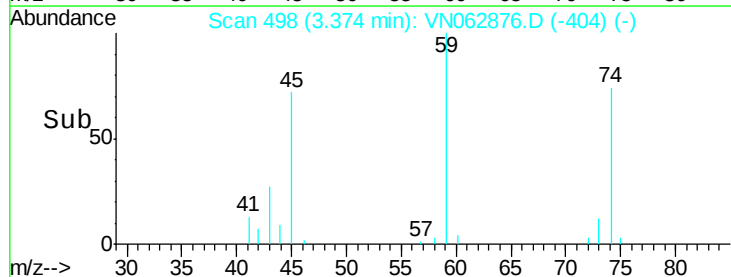
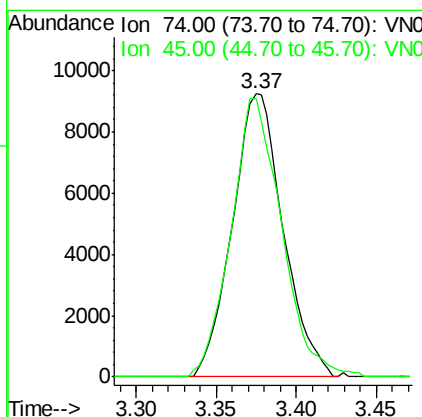
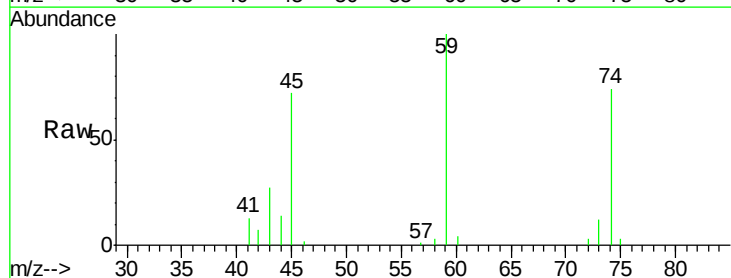
MMDadoda
 8/13/2020 10:56:12 AM

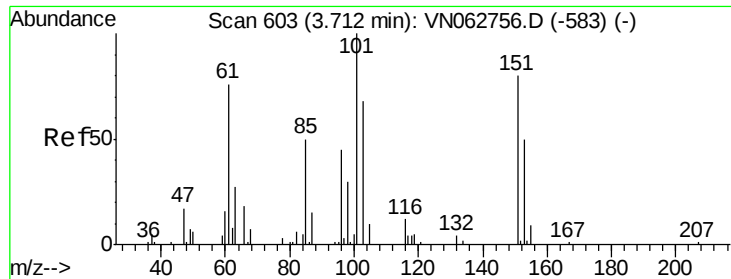


#8

Diethyl Ether
 Concen: 19.100 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.7	146.1





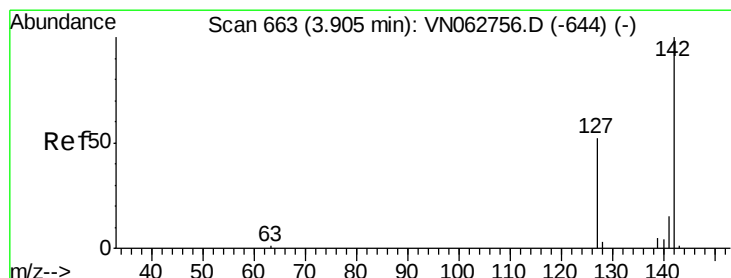
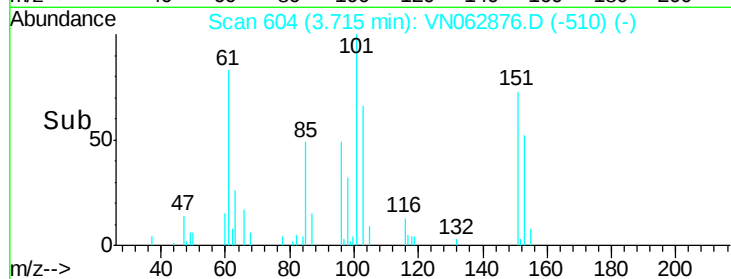
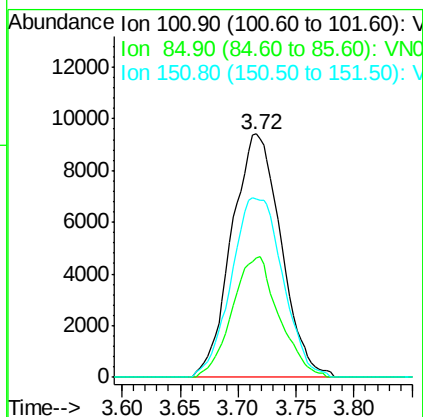
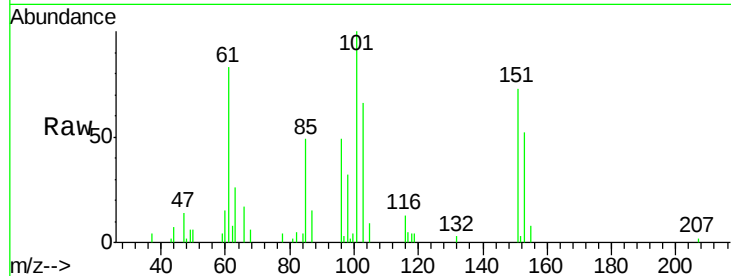
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.200 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN062876.D
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Tot Ion	Ratio	Lower	Upper
101	100		
85	47.0	38.5	57.7
151	77.2	63.0	94.6

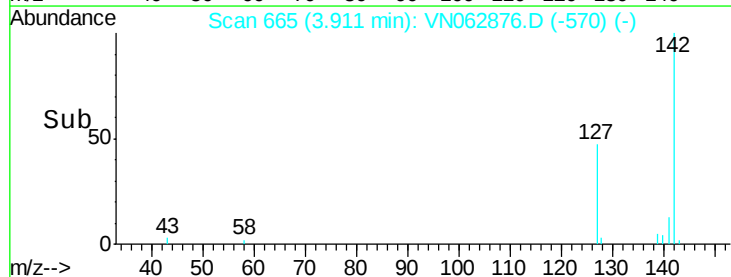
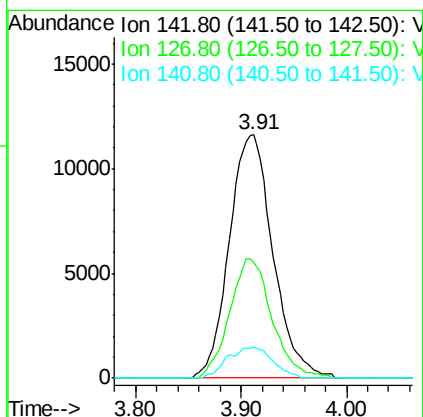
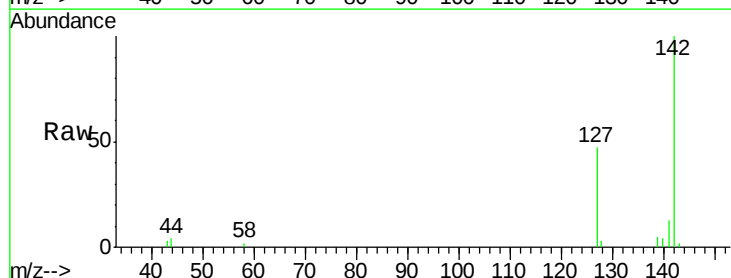
Manual Integrations
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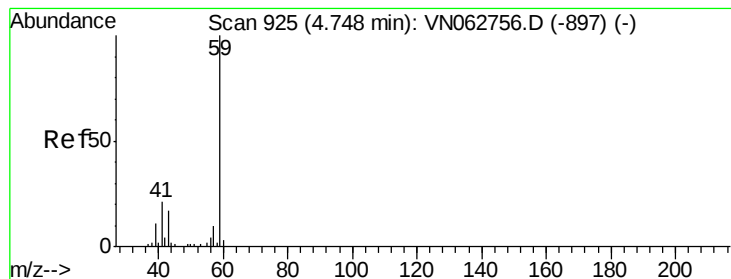
MMDadoda
 8/13/2020 10:56:12 AM



#10
 Methyl Iodide
 Concen: 18.763 ug/l
 RT: 3.91 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.6	41.4	62.0
141	13.2	12.2	18.4





#11

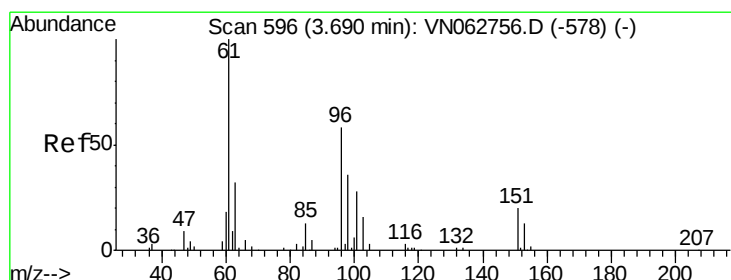
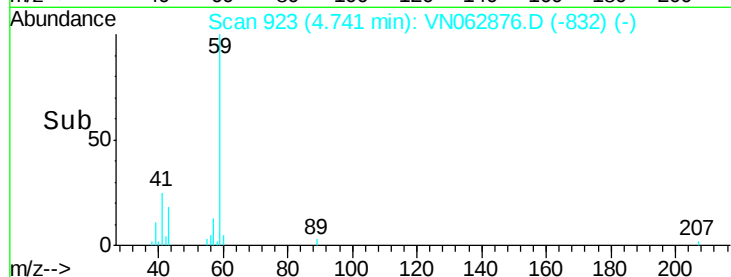
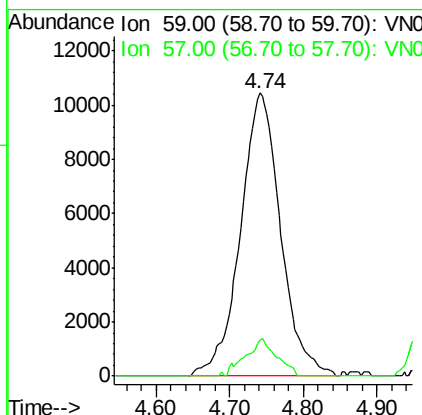
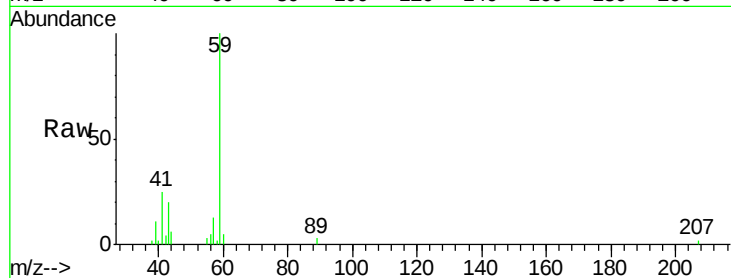
Tert butyl alcohol
Concen: 90.128 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.01 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

Manual Integrations
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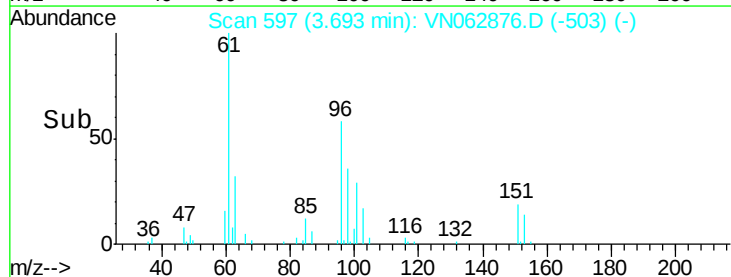
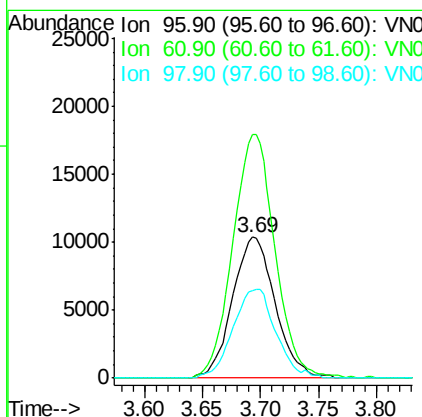
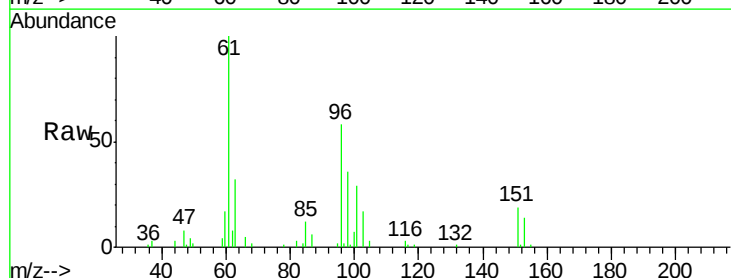
MMDadoda
8/13/2020 10:56:12 AM

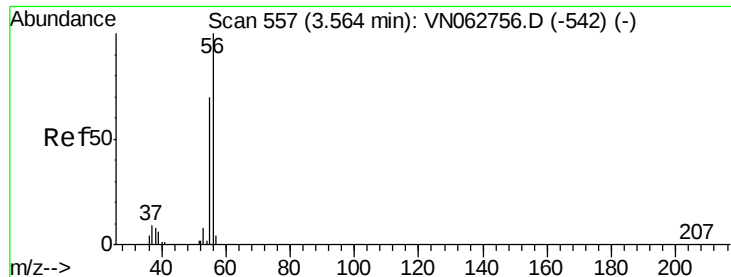


#12

1,1-Dichloroethene
Concen: 18.486 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.6	139.0	208.6
98	62.3	50.2	75.4





#13

Acrolein

Concen: 58.653 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

Tot Ion: 56 Resp: 15631

Ion Ratio Lower Upper

56 100

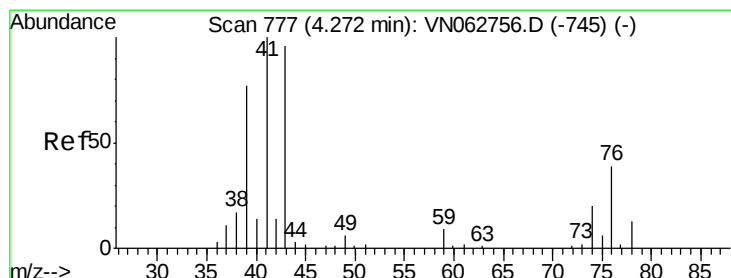
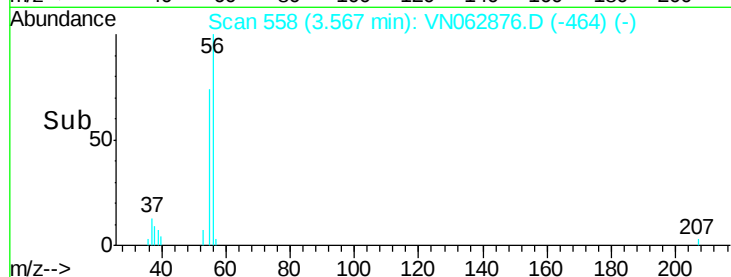
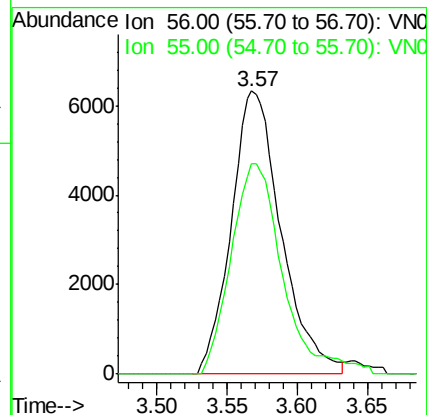
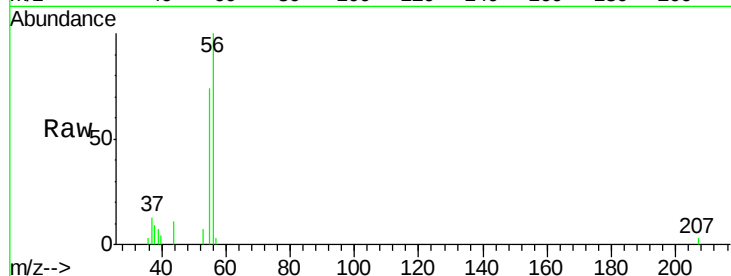
55 77.1 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 16.615 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.01 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

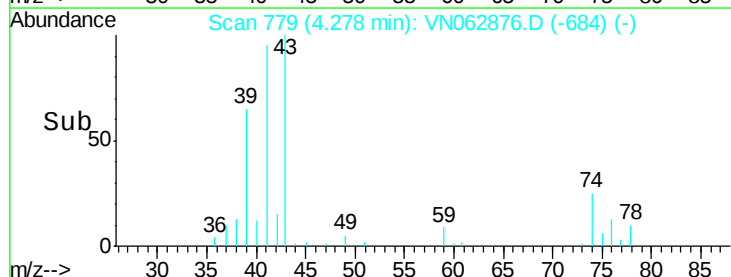
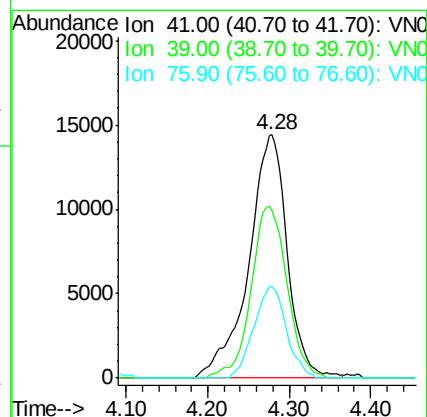
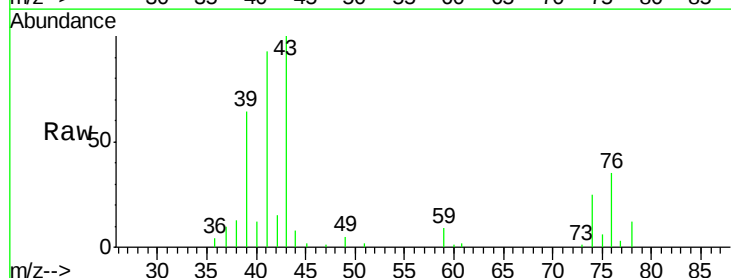
Tgt Ion: 41 Resp: 47241

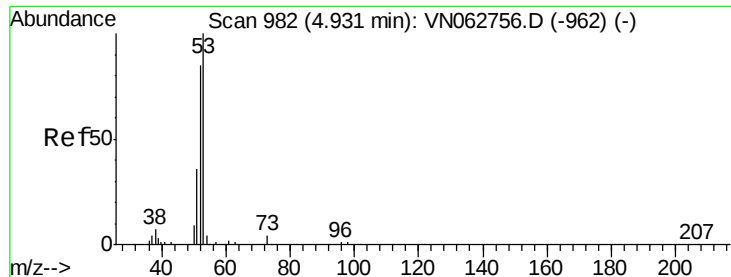
Ion Ratio Lower Upper

41 100

39 65.4 55.7 83.5

76 31.6 27.5 41.3





#15

Acrylonitrile

Concen: 96.251 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

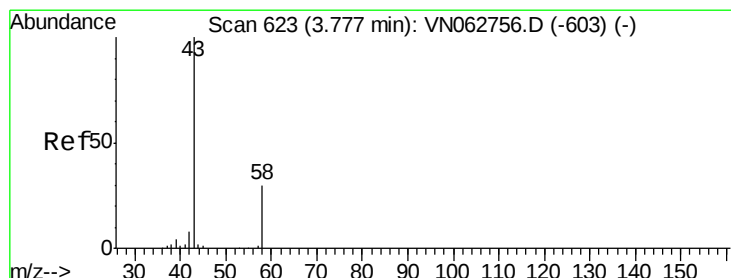
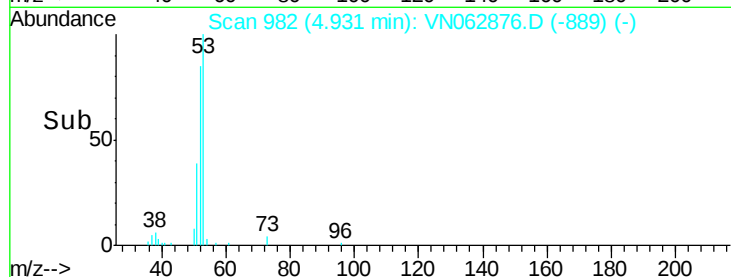
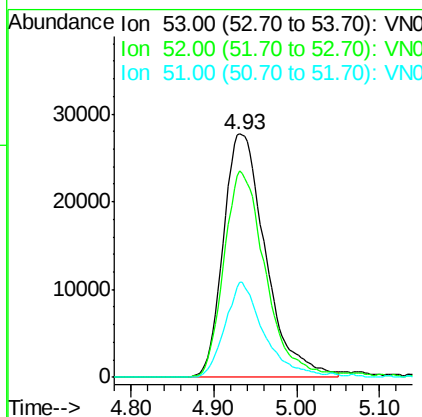
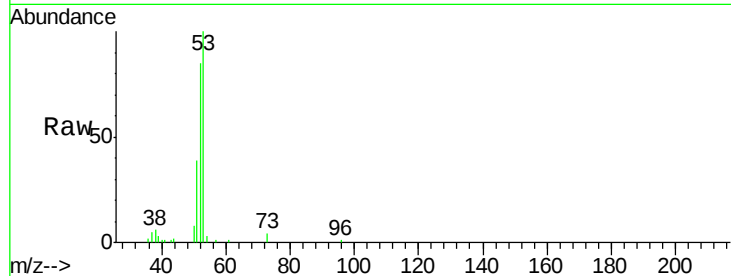
ClientSampleId :

VN0812WBS02

Tot Ion:	53	Resp:	98262
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.8	100.2
51	36.1	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 89.447 ug/l

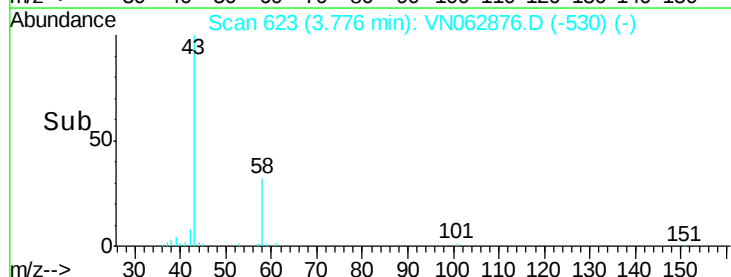
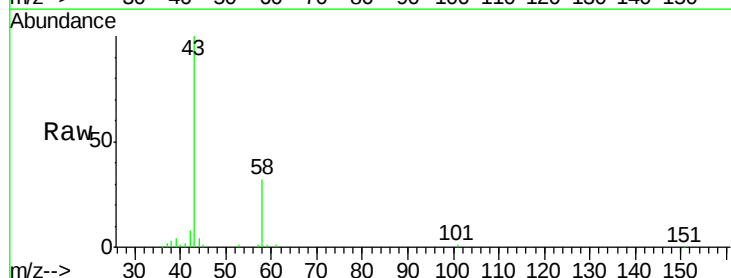
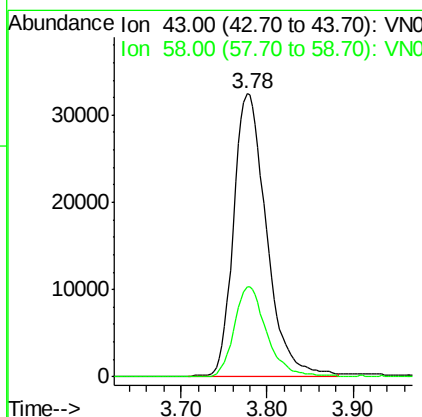
RT: 3.78 min Scan# 623

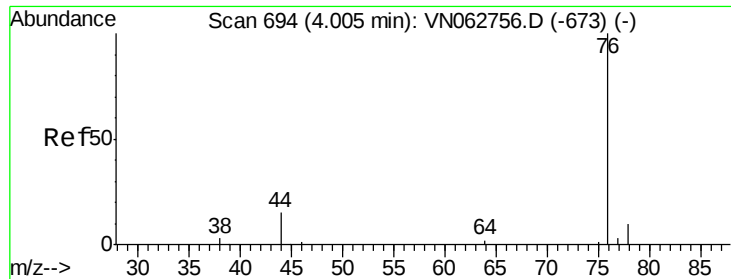
Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion:	43	Resp:	86798
Ion Ratio	Lower	Upper	
43	100		
58	31.7	24.1	36.1





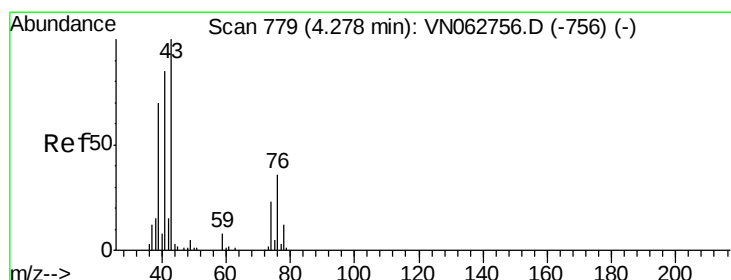
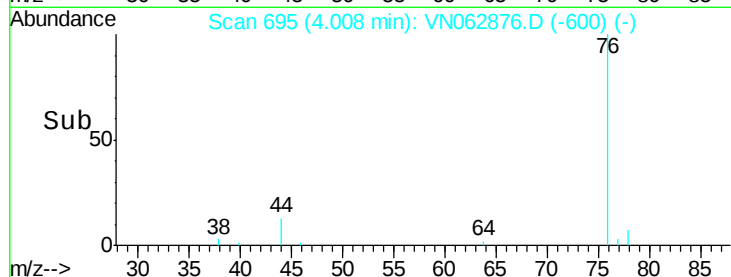
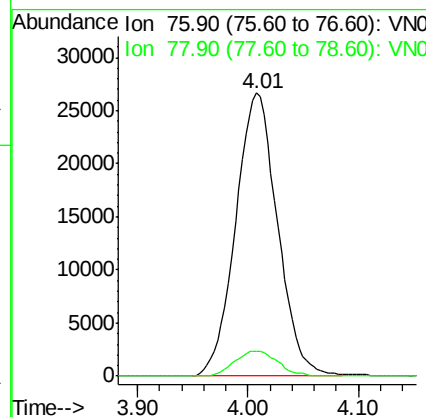
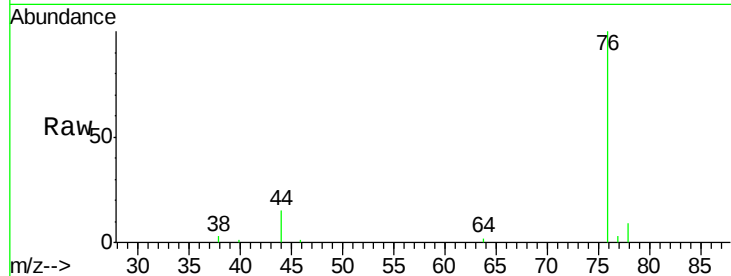
#17
Carbon Disulfide
Concen: 17.261 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.7	11.5

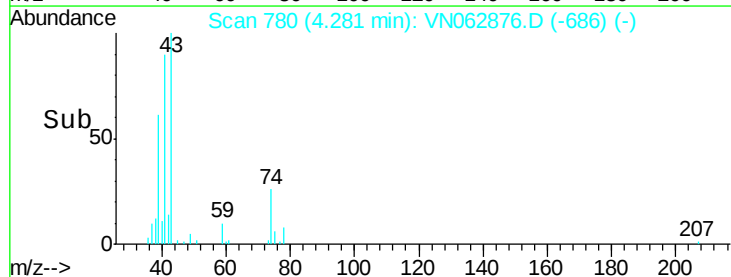
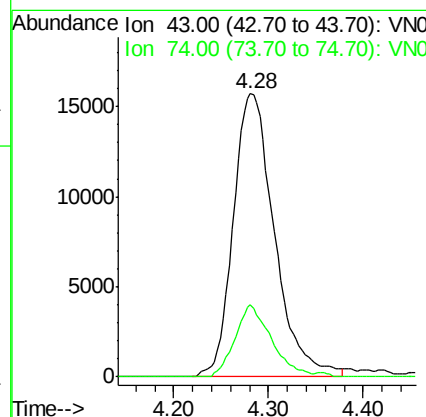
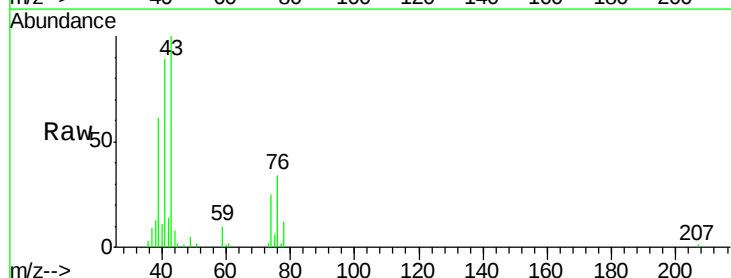
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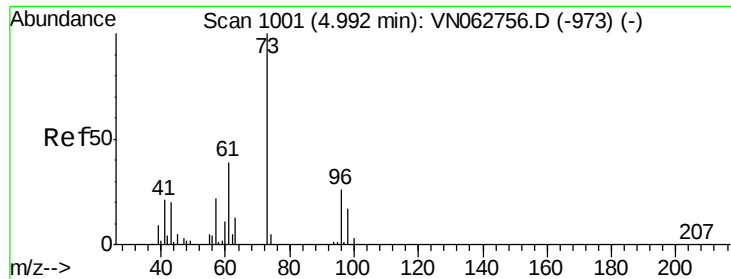
MMDadoda
8/13/2020 10:56:12 AM



#18
Methyl Acetate
Concen: 20.044 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	18.6	28.0





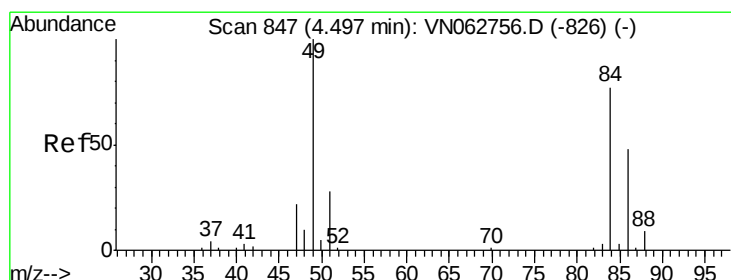
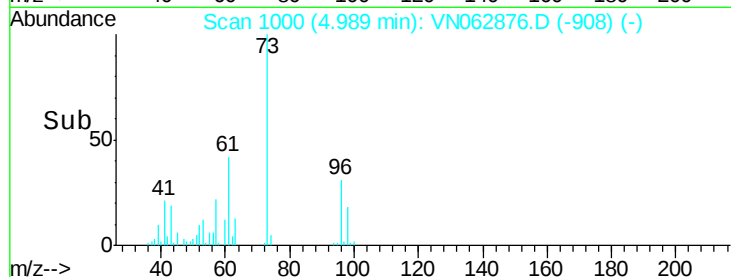
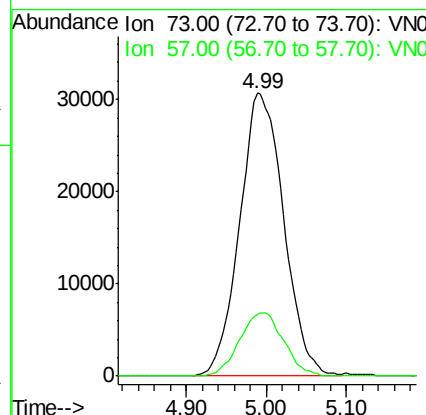
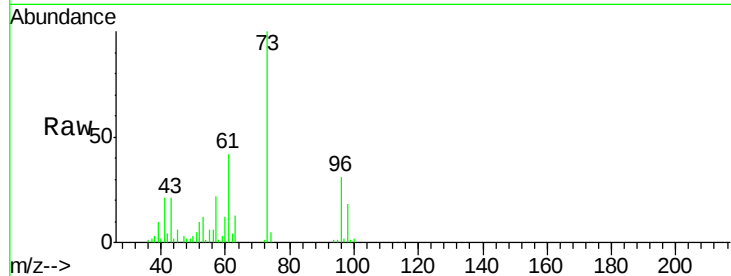
#19
Methvl tert-butvl Ether
Concen: 18.303 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion: 73 Resp: 115162
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3

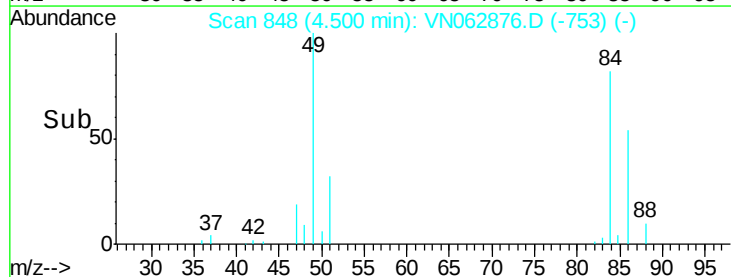
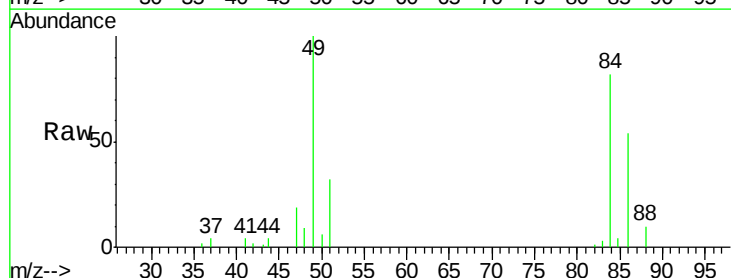
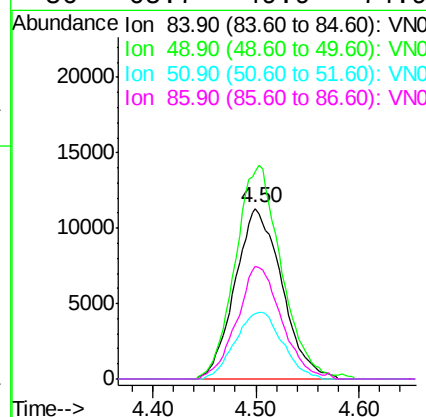
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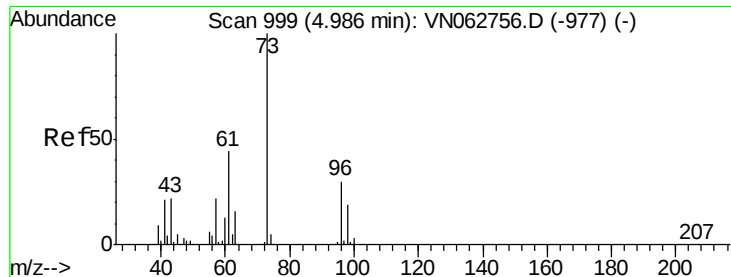
MMDadoda
8/13/2020 10:56:12 AM



#20
Methylene Chloride
Concen: 19.644 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 84 Resp: 35705
Ion Ratio Lower Upper
84 100
49 121.7 103.4 155.2
51 38.4 29.3 43.9
86 65.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.119 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

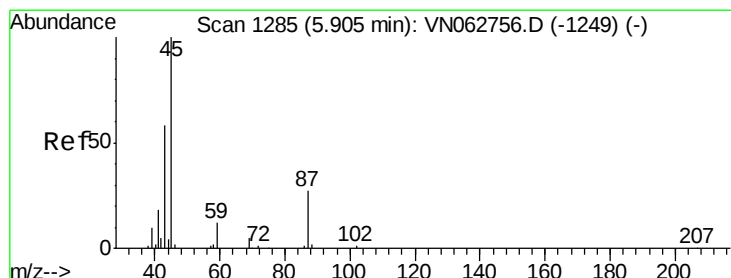
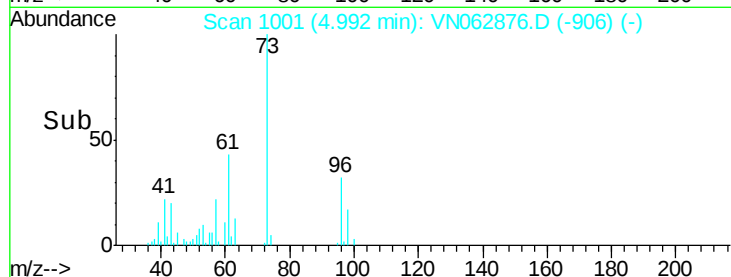
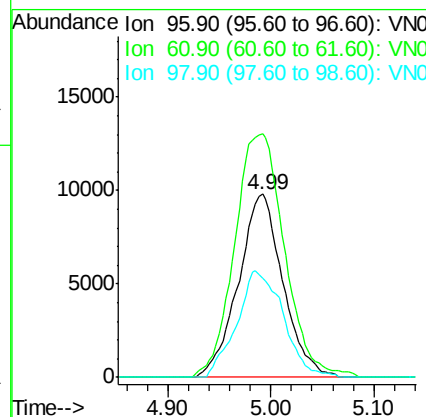
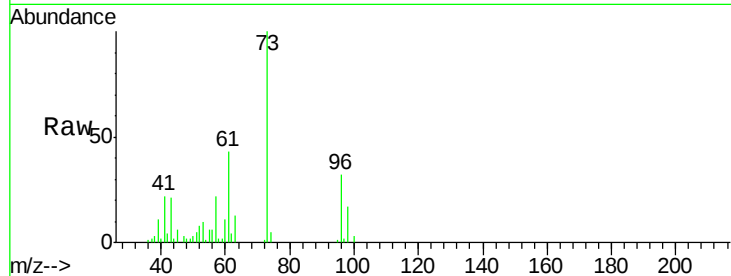
ClientSampleId :

VN0812WBS02

Tot Ion:	96	Resp:	29446
Ion	Ratio	Lower	Upper
96	100		
61	133.2	118.8	178.2
98	54.2	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.567 ug/l

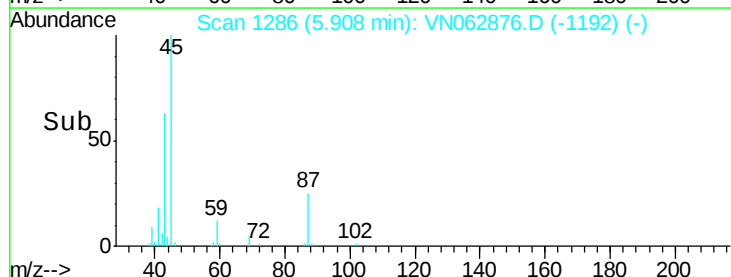
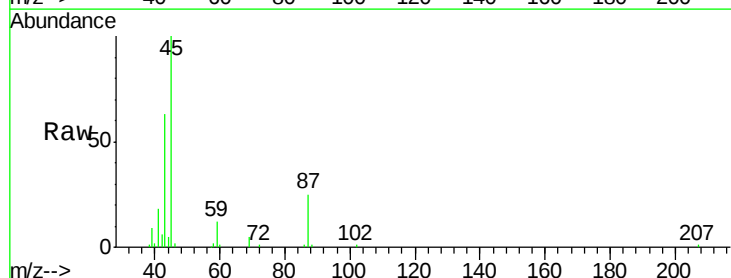
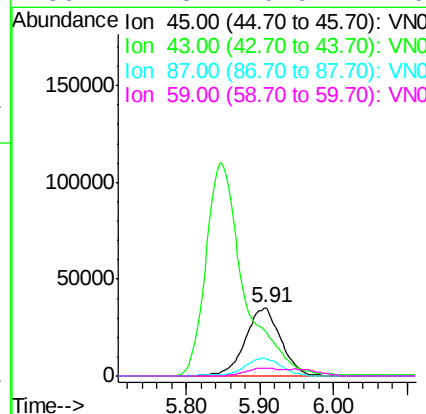
RT: 5.91 min Scan# 1286

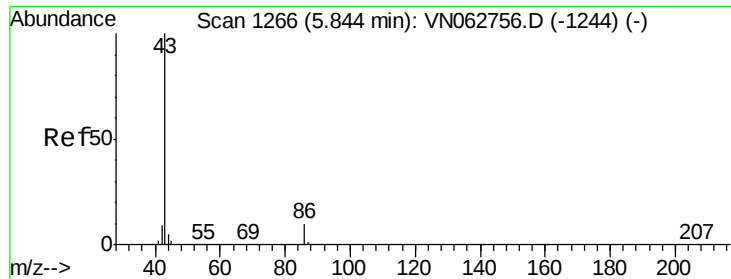
Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion:	45	Resp:	118429
Ion	Ratio	Lower	Upper
45	100		
43	61.2	47.4	71.2
87	24.9	22.8	34.2
59	11.8	9.9	14.9





#23

Vinyl Acetate

Concen: 86.111 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS02

Tot Ion: 43 Resp: 396434

Ion Ratio Lower Upper

43 100

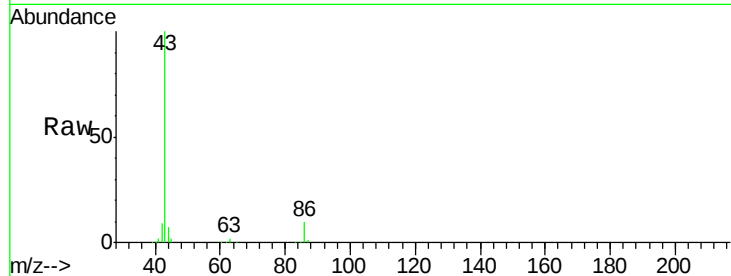
86 10.3 7.7 11.5

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

120000

100000

80000

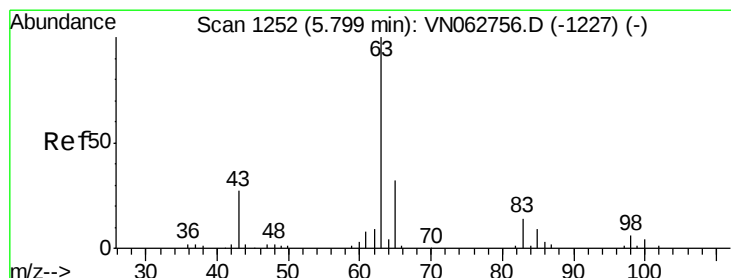
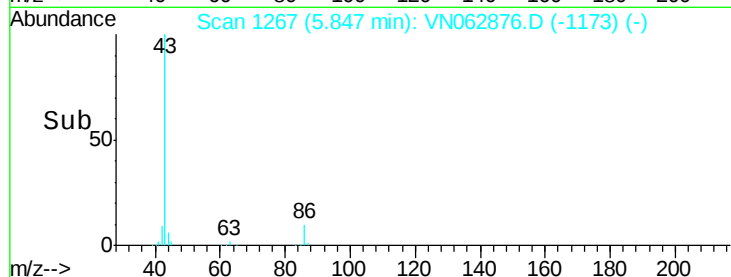
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.056 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

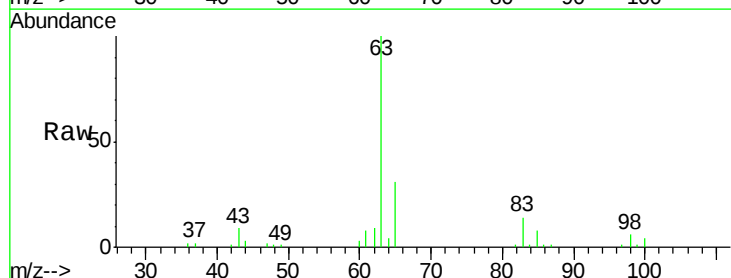
Tgt Ion: 63 Resp: 64045

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 4.2 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

25000

20000

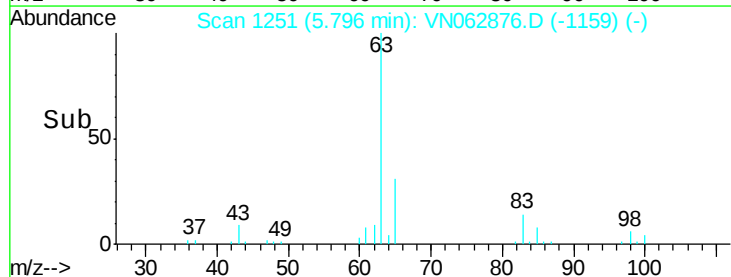
15000

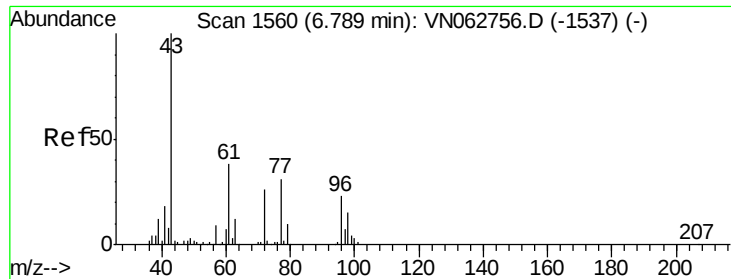
10000

5000

0

Time-->





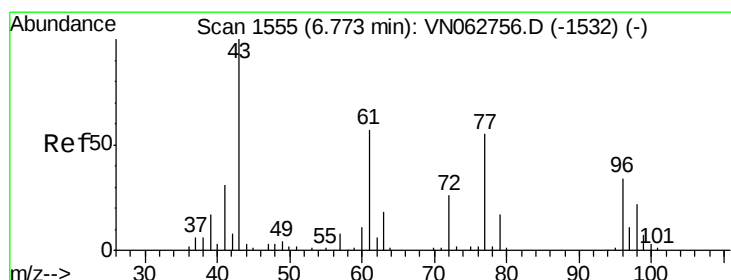
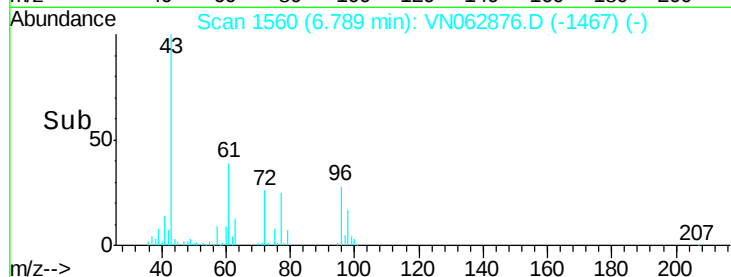
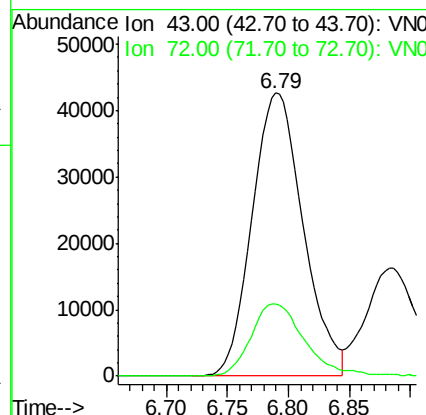
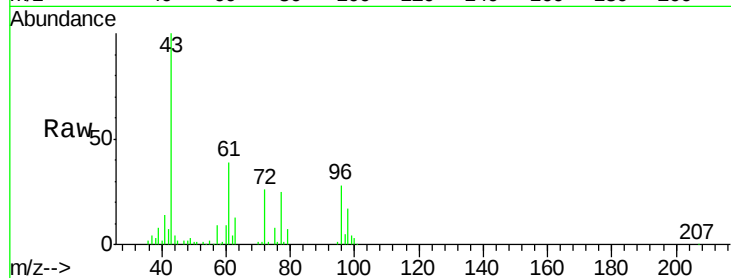
#25
2-Butanone
Concen: 90.219 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.6	21.1	31.7

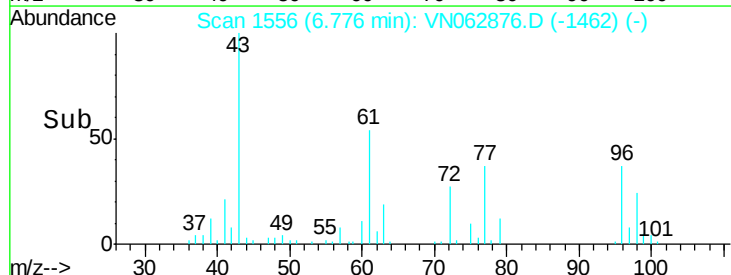
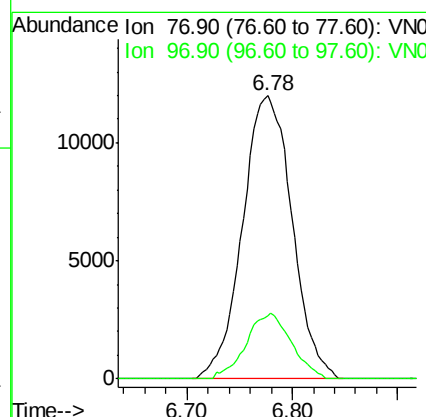
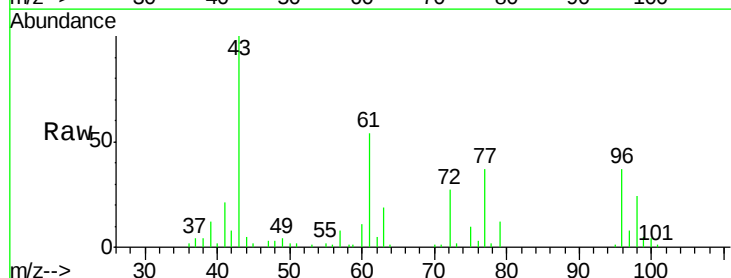
Manual Integrations
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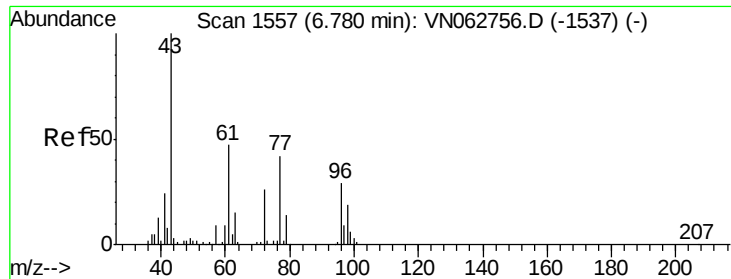
MMDadoda
8/13/2020 10:56:12 AM



#26
2,2-Dichloropropane
Concen: 11.963 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.5	31.6





#27

cis-1,2-Dichloroethene

Concen: 18.518 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

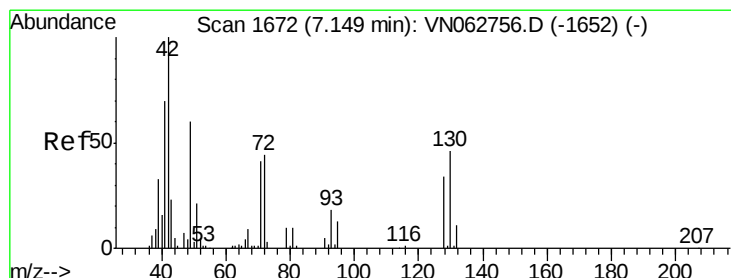
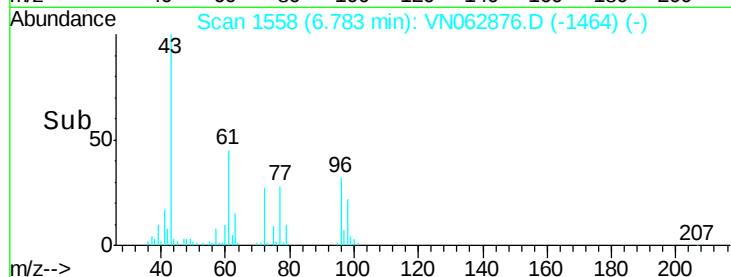
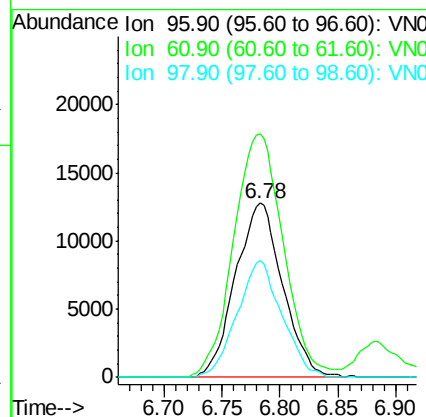
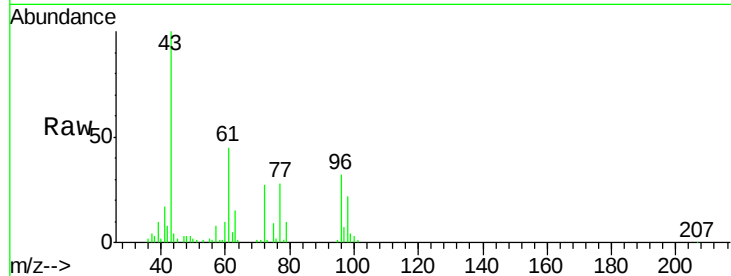
ClientSampleId :

VN0812WBS02

Tot Ion:	96	Resp:	36101
Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	332.2
98	63.4	0.0	129.4

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#28

Bromochloromethane

Concen: 19.488 ug/l

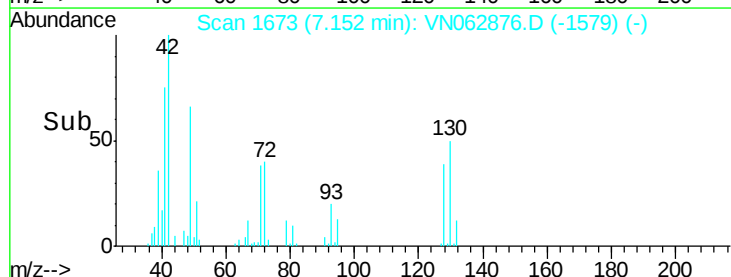
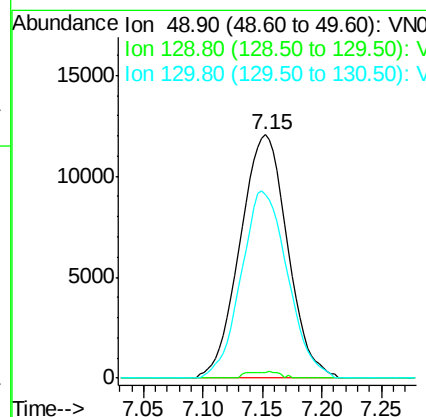
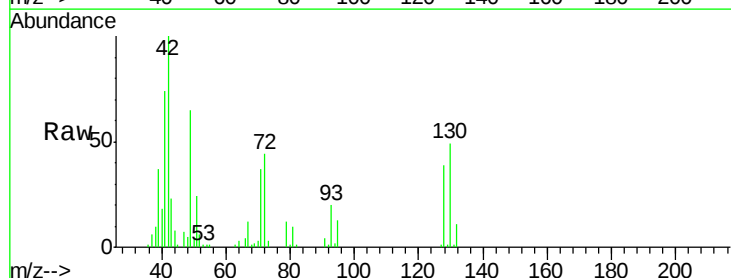
RT: 7.15 min Scan# 1673

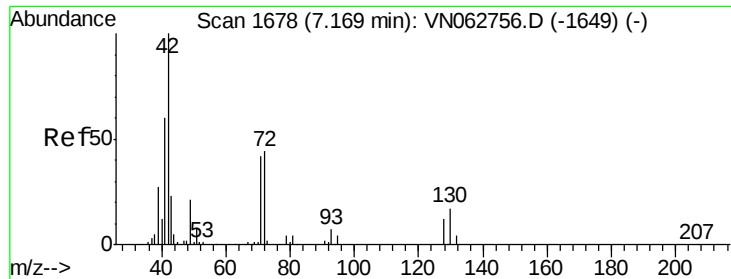
Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion:	49	Resp:	33360
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.2
130	75.4	59.0	88.6





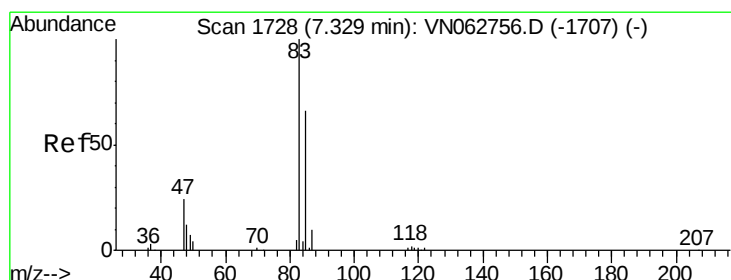
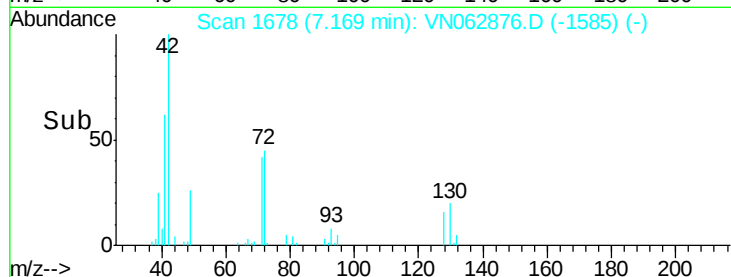
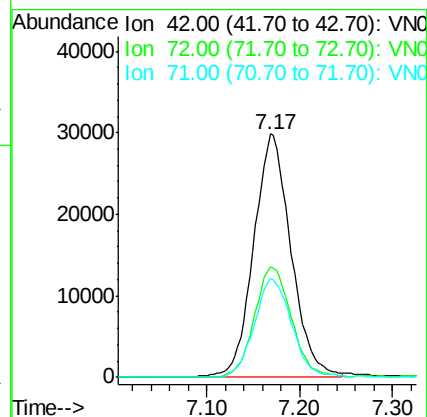
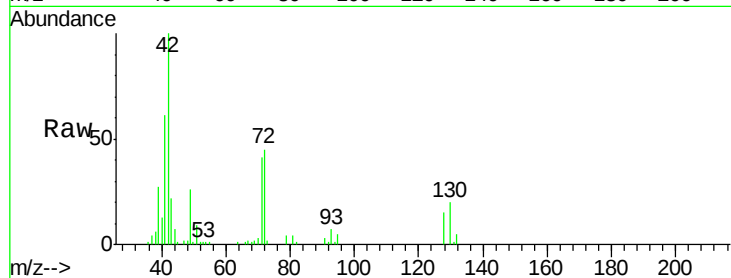
#29
Tetrahydrofuran
Concen: 93.651 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.0	52.4
71	40.6	33.2	49.8

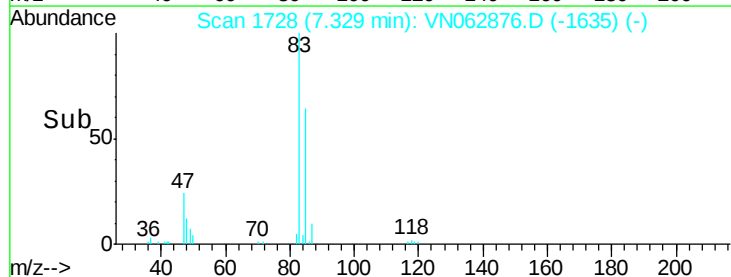
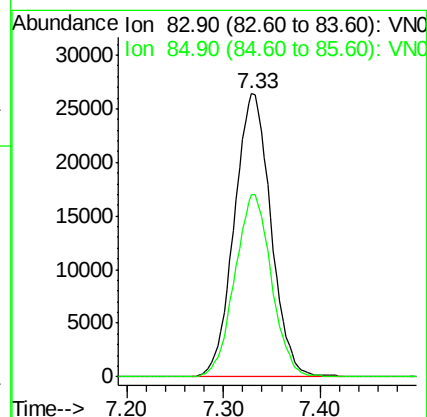
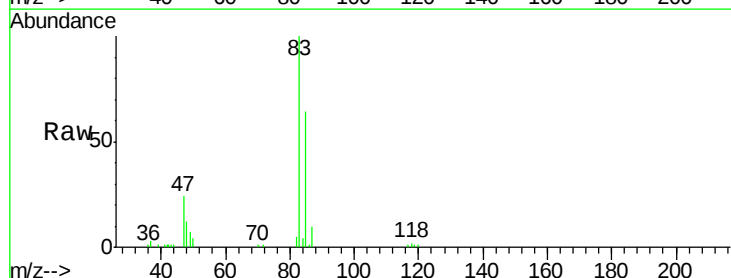
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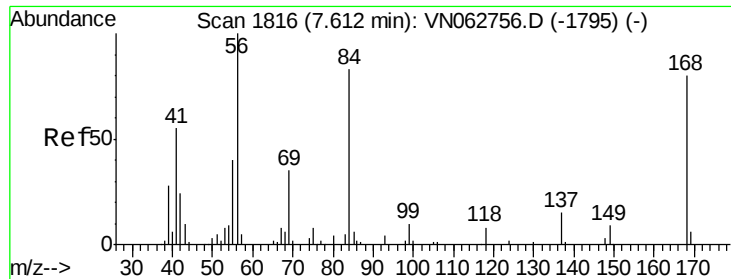
MMDadoda
8/13/2020 10:56:12 AM



#30
Chloroform
Concen: 18.431 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.7	79.1





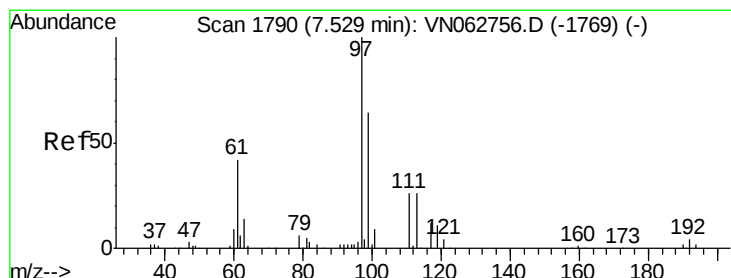
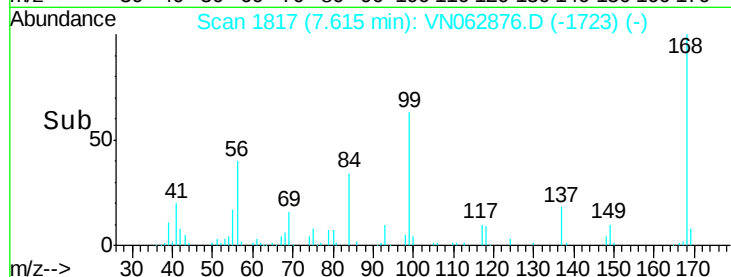
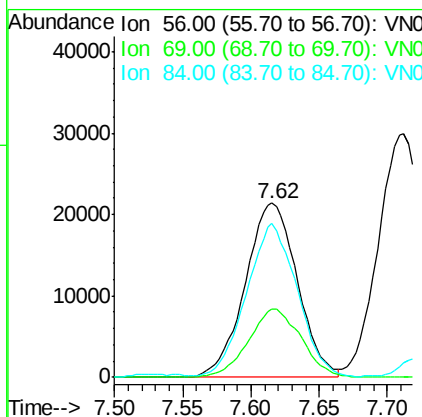
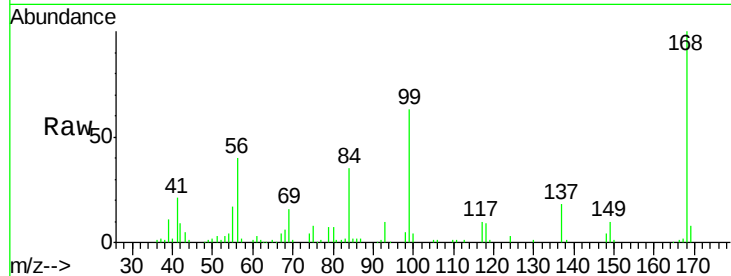
#31
Cyclohexane
Concen: 17.401 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampled :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.1	28.1	42.1
84	87.2	66.8	100.2

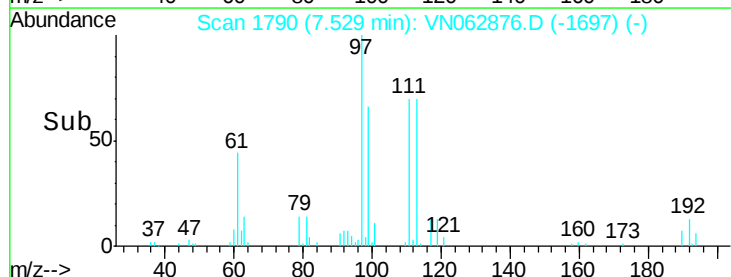
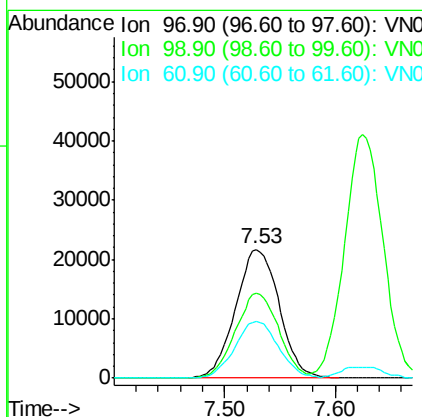
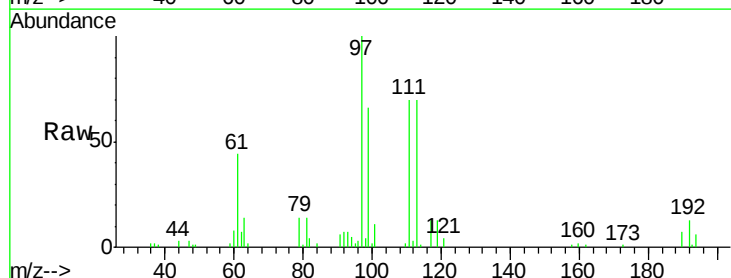
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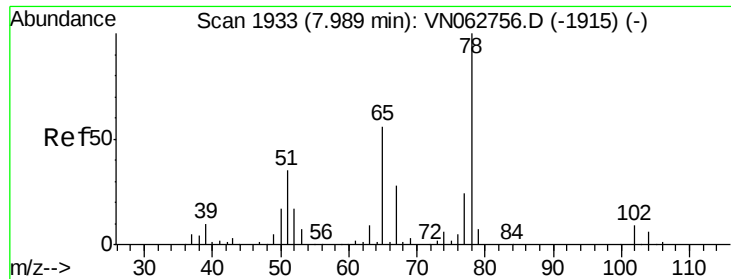
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#32
1,1,1-Trichloroethane
Concen: 17.648 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	50.0	75.0
61	44.0	34.8	52.2





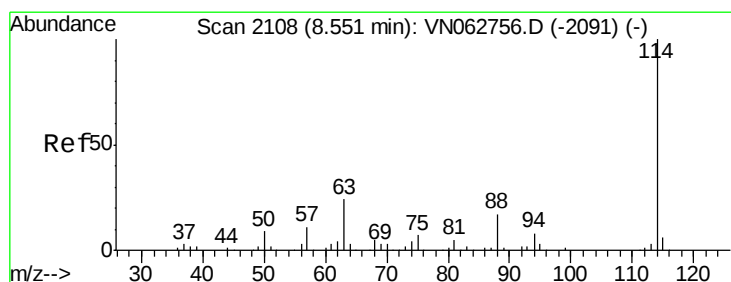
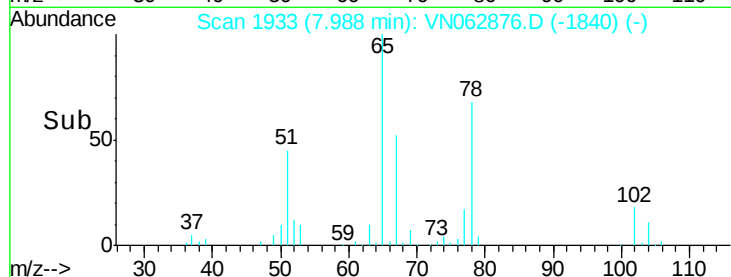
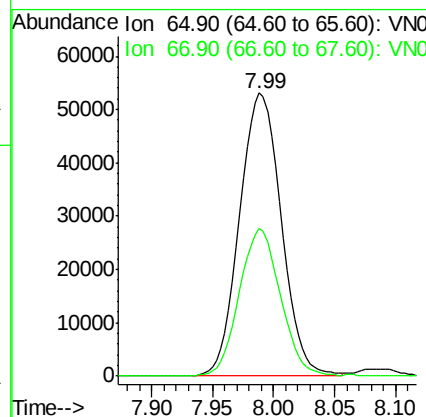
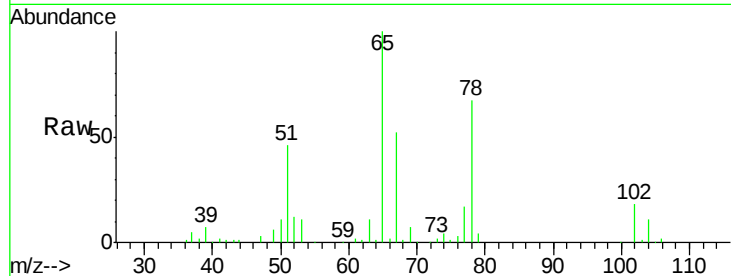
#33
 1,2-Dichloroethane-d4
 Concen: 46.915 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	125992		
67	51.2	0.0	101.4	

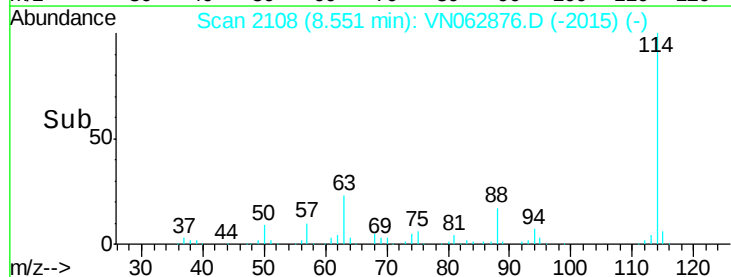
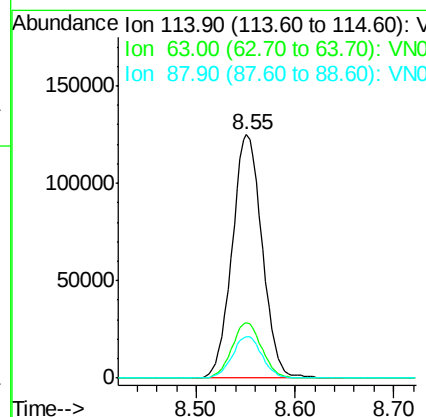
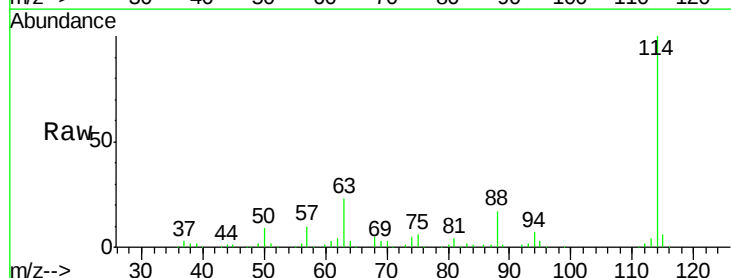
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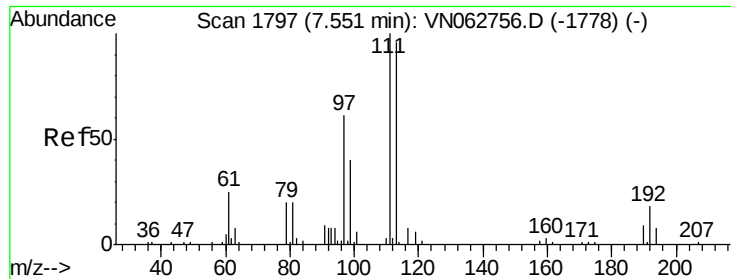
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	265140		
63	22.9	0.0	47.6	
88	17.2	0.0	34.4	





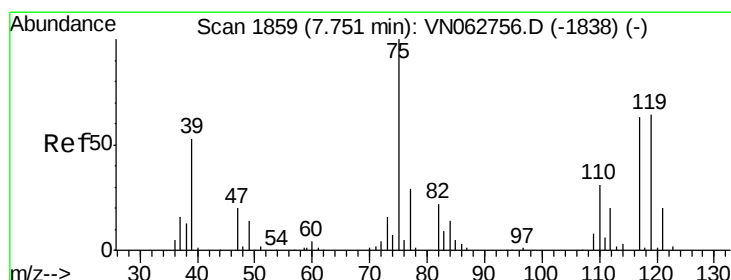
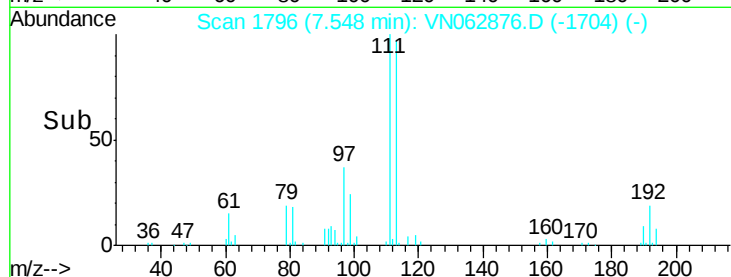
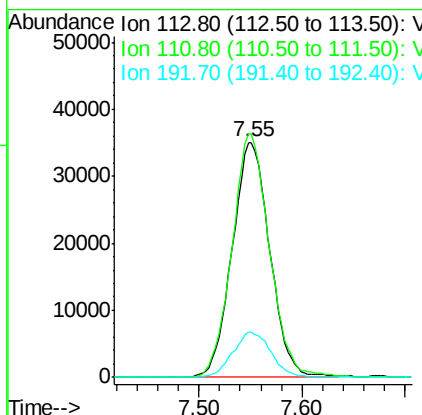
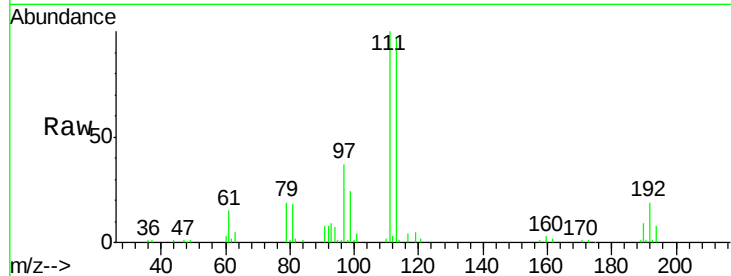
#35
 Dibromofluoromethane
 Concen: 49.043 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	88950		
111	103.3	81.8	122.6	
192	19.3	15.0	22.4	

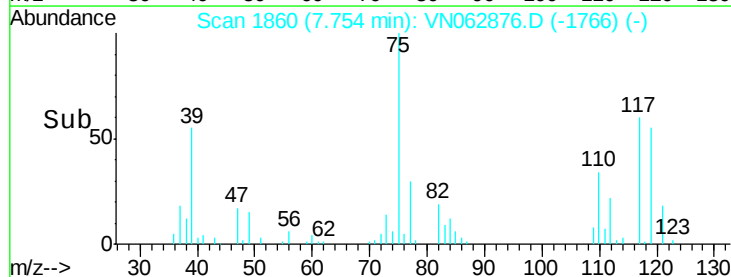
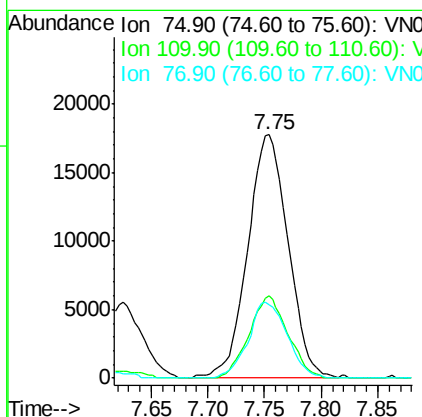
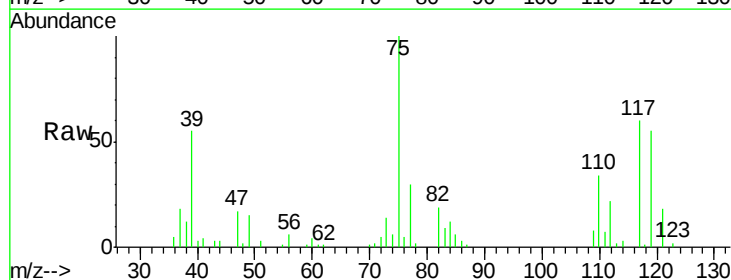
Manual Integrations
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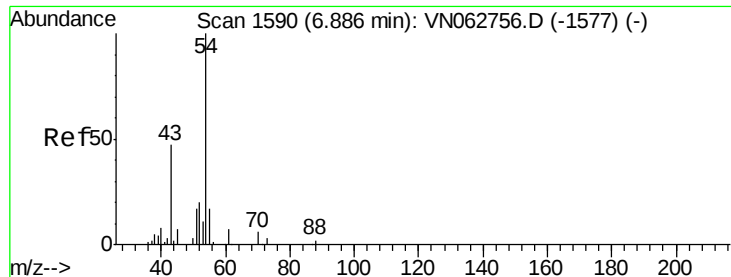
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 17.078 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	44090		
110	32.4	15.6	46.7	
77	30.1	24.1	36.1	





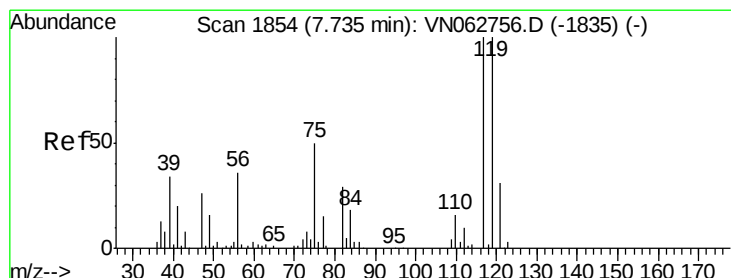
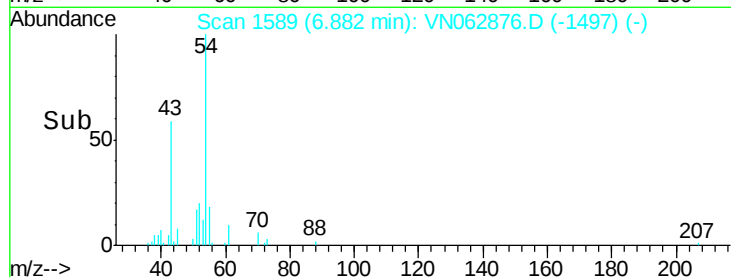
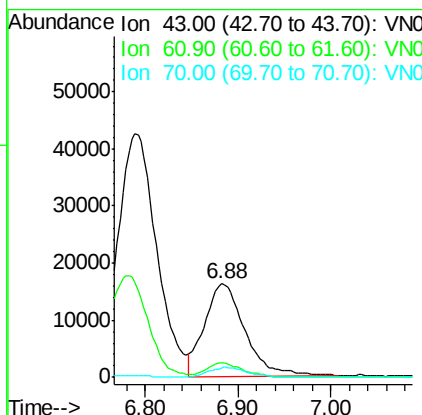
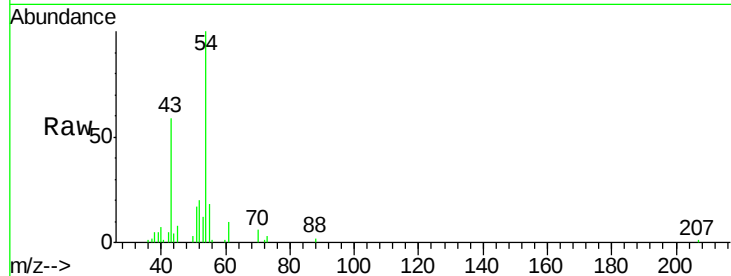
#37
Ethyl Acetate
Concen: 18.202 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampled :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.1	18.1
70	10.1	8.3	12.5

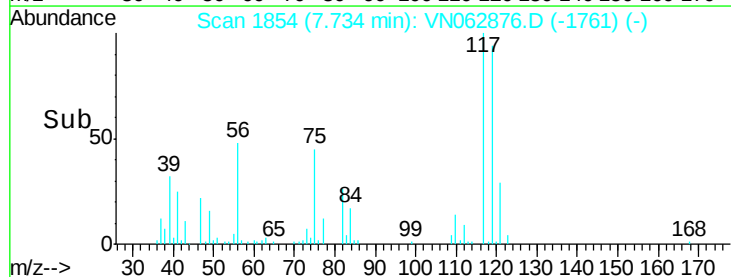
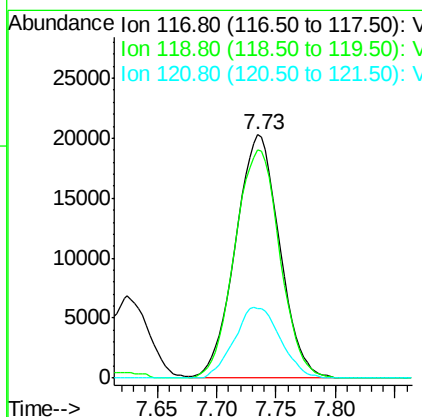
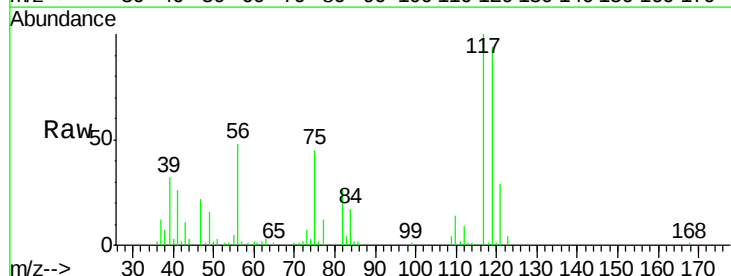
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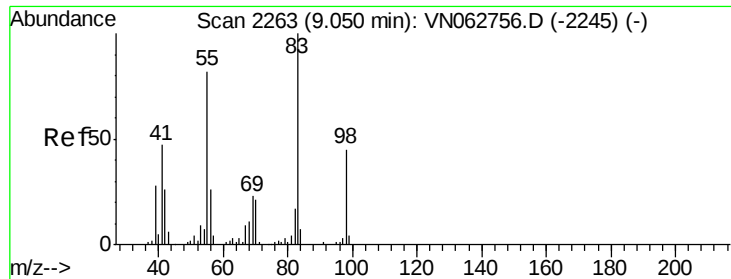
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#38
Carbon Tetrachloride
Concen: 17.077 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	79.4	119.2
121	28.6	24.9	37.3





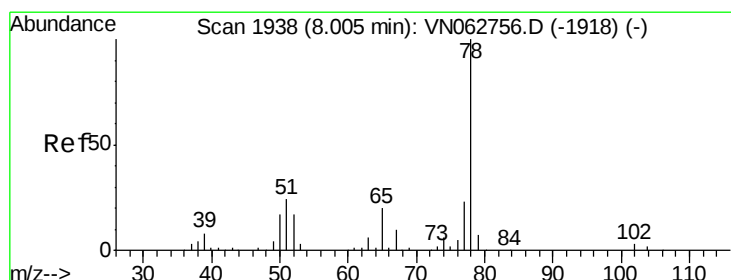
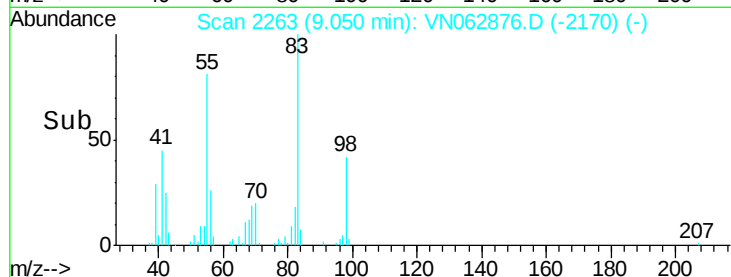
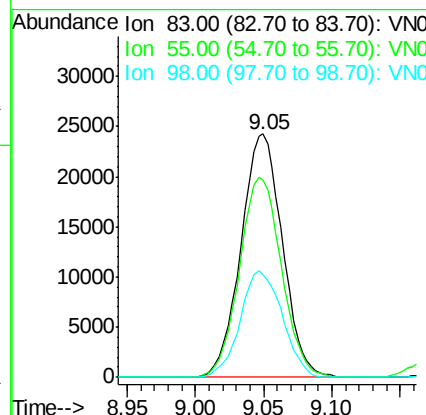
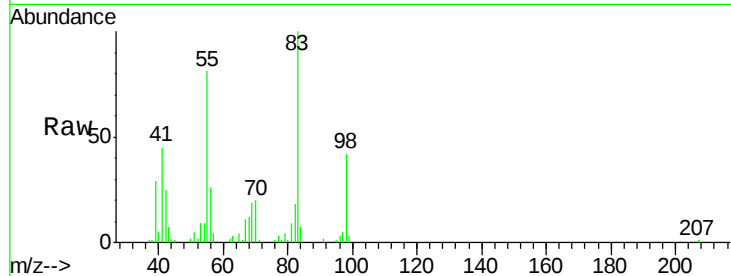
#39
Methvlcvclohexane
Concen: 16.425 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	65.7	98.5
98	42.5	35.6	53.4

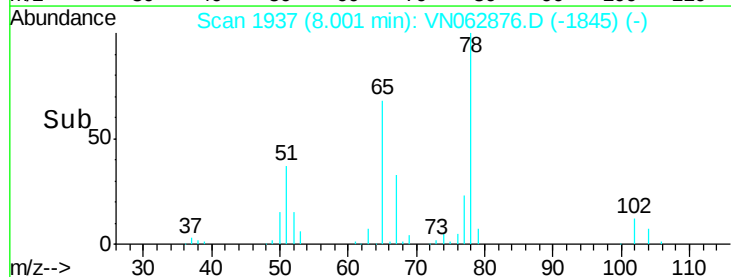
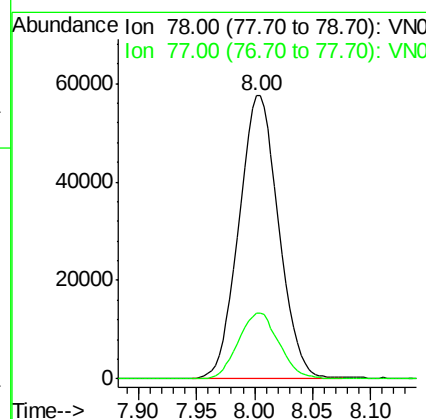
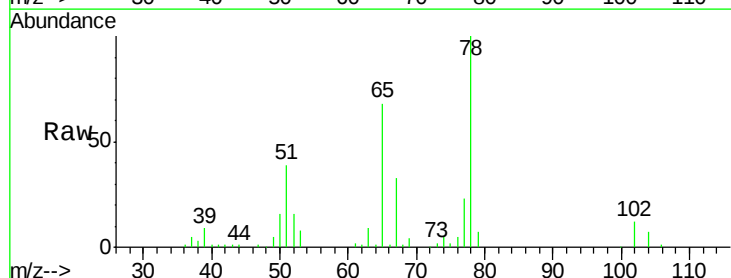
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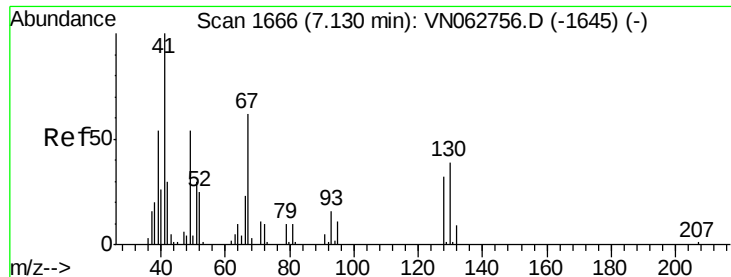
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#40
Benzene
Concen: 17.801 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.1	27.1





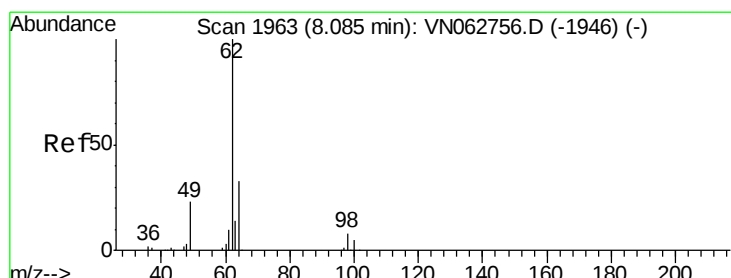
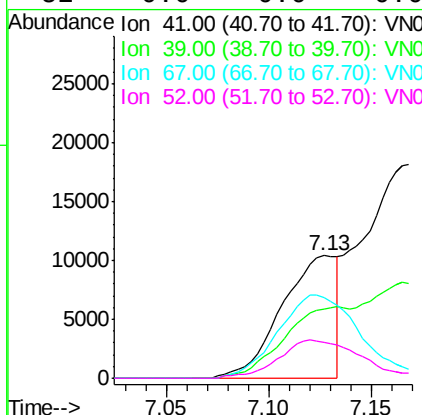
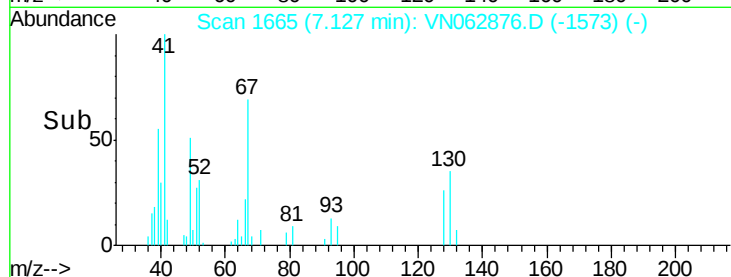
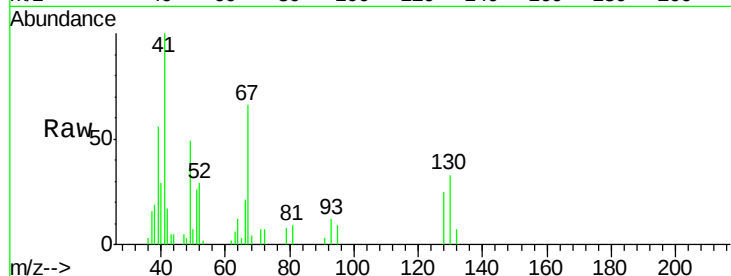
#41
Methacrylonitrile
Concen: 15.962 ug/l m
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		19425		
39	0.0	69.4	104.2#		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

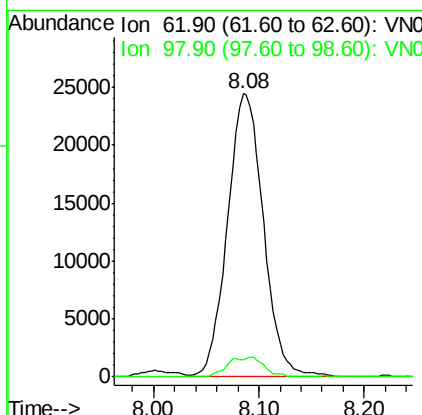
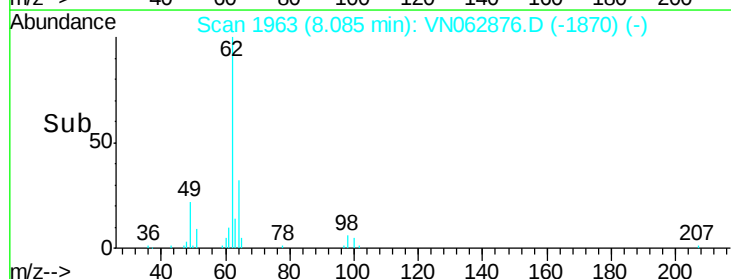
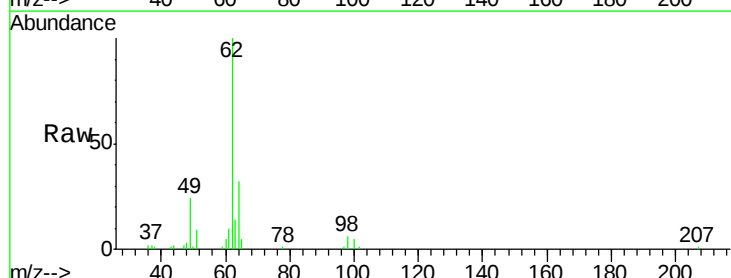
Manual Integrations
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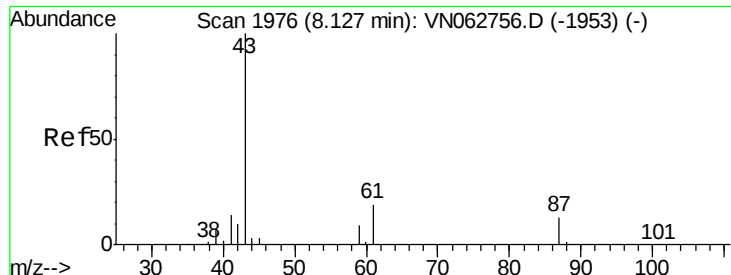
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.646 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		57859		
98	3.4	0.0	15.8		





#43

Isopropyl Acetate

Concen: 17.342 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

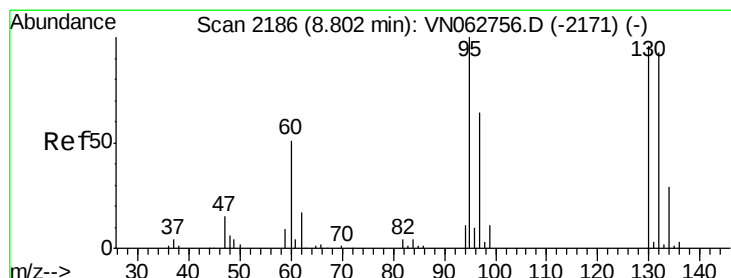
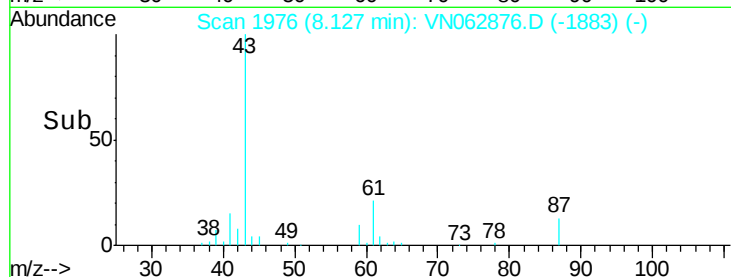
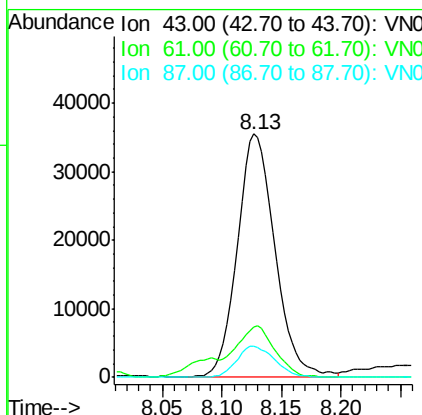
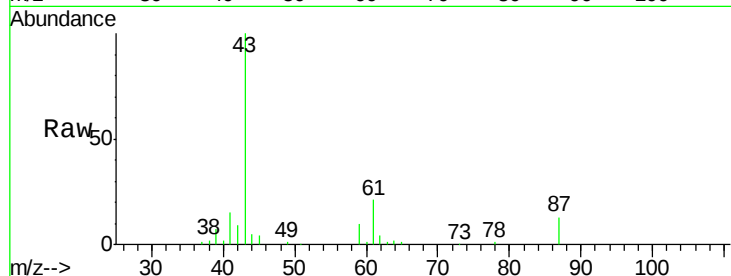
ClientSampleId :

VN0812WBS02

Tot Ion:	43	Resp:	78010
Ion	Ratio	Lower	Upper
43	100		
61	21.9	15.8	23.6
87	12.9	9.9	14.9

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#44

Trichloroethene

Concen: 17.517 ug/l

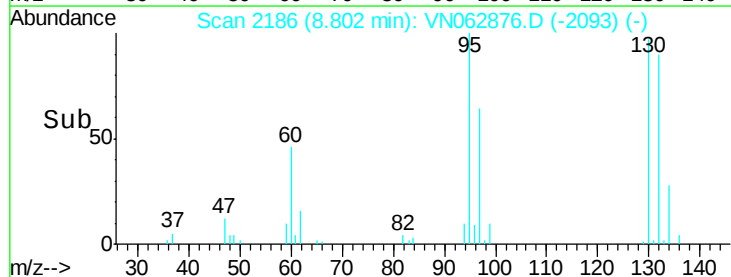
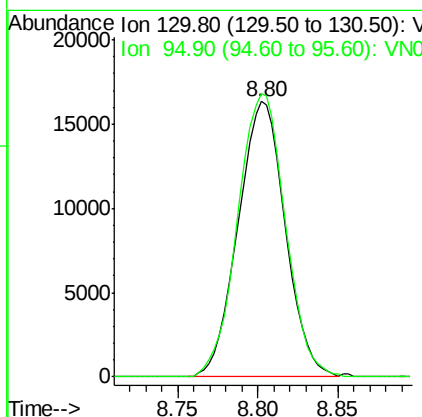
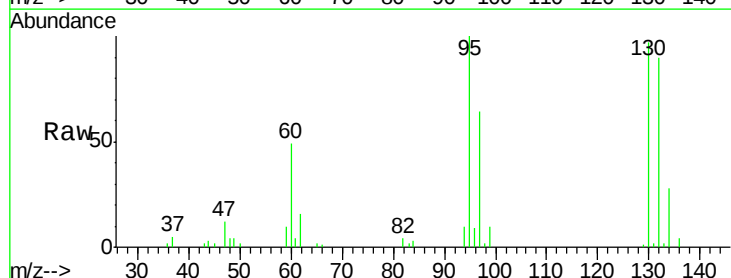
RT: 8.80 min Scan# 2186

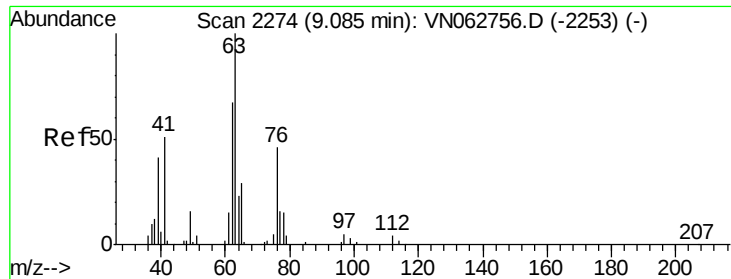
Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion:	130	Resp:	32877
Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	207.6





#45

1,2-Dichloropropane

Concen: 19.552 ug/l

RT: 9.09 min Scan# 2275

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS02

Tot Ion: 63 Resp: 40766

Ion Ratio Lower Upper

63 100

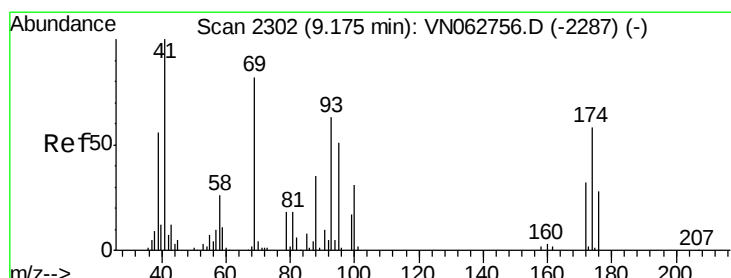
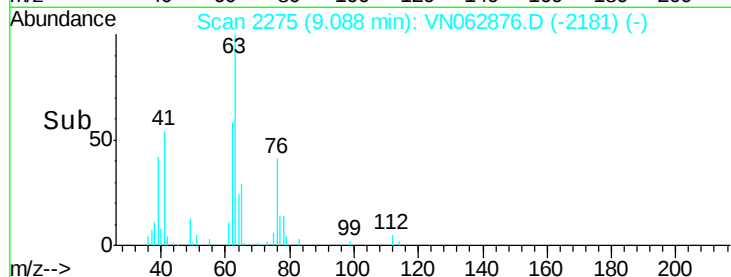
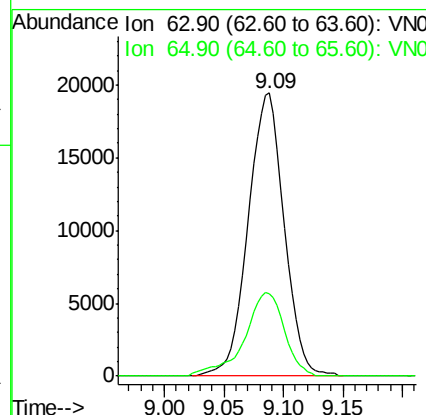
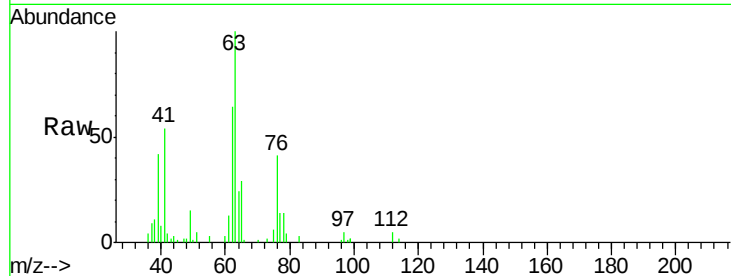
65 29.3 23.5 35.3

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#46

Dibromomethane

Concen: 18.578 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

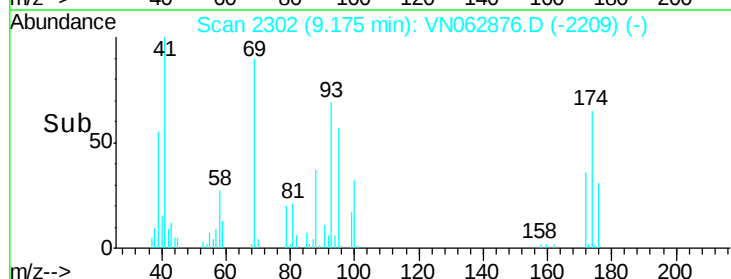
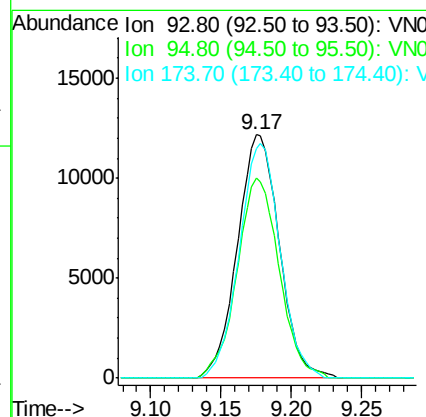
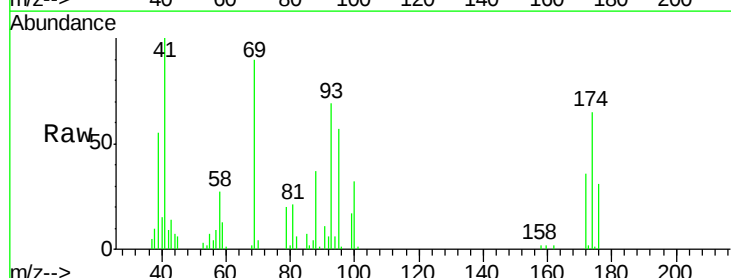
Tgt Ion: 93 Resp: 25380

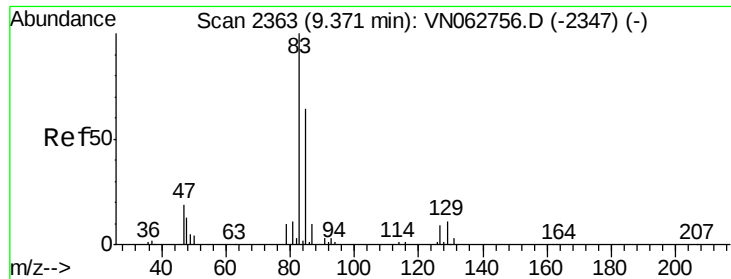
Ion Ratio Lower Upper

93 100

95 82.5 65.1 97.7

174 93.6 73.9 110.9





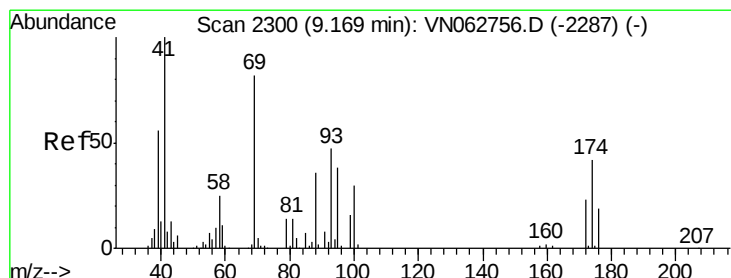
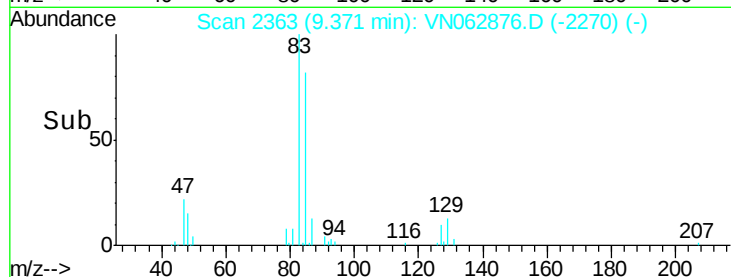
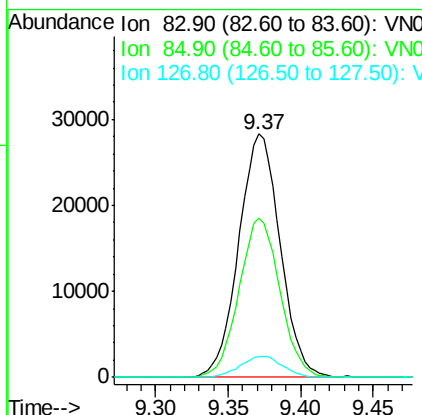
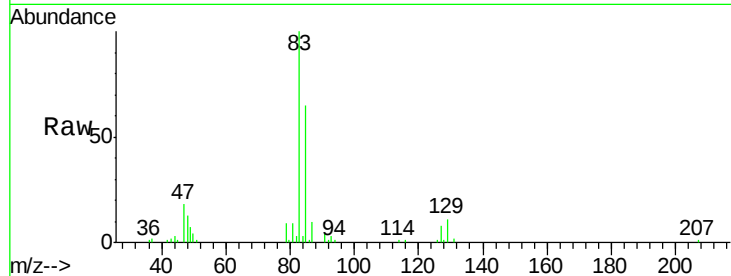
#47
Bromodichloromethane
Concen: 18.313 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	56191		
85	65.3		51.4	77.0
127	8.4		6.9	10.3

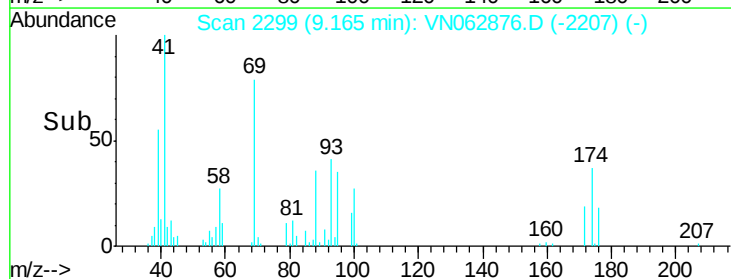
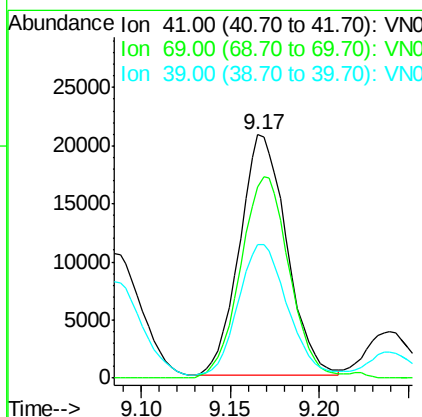
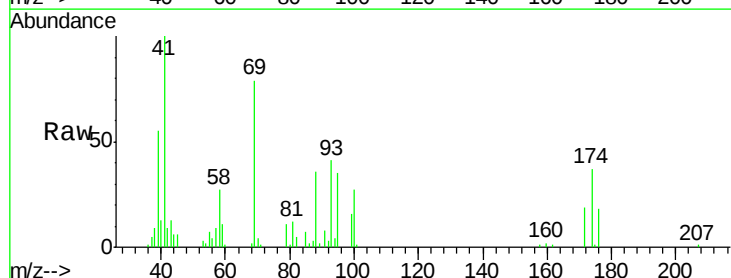
Manual Integrations
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#48
Methyl methacrylate
Concen: 17.283 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	38239		
69	86.5		67.4	101.2
39	59.5		47.6	71.4





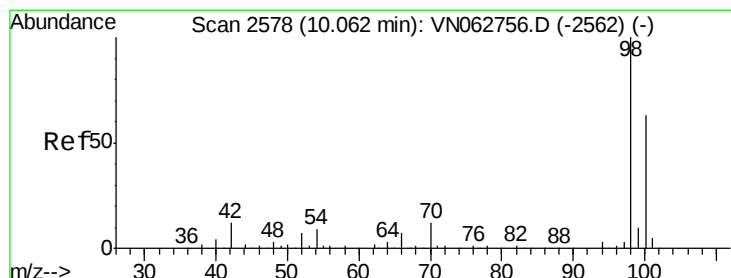
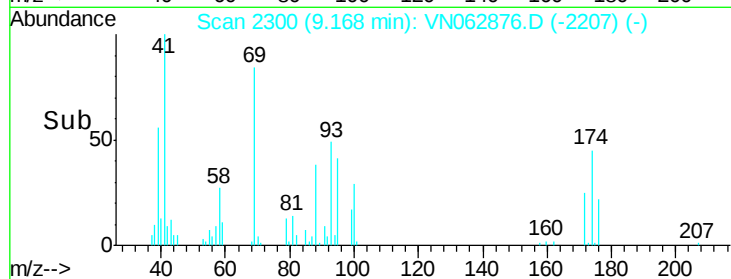
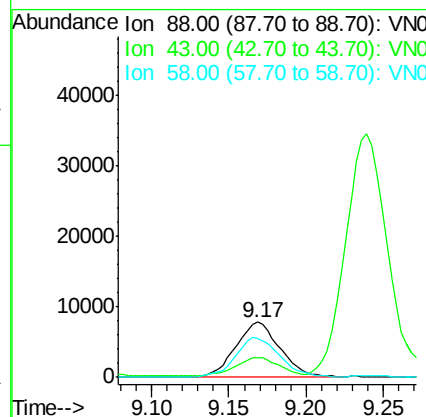
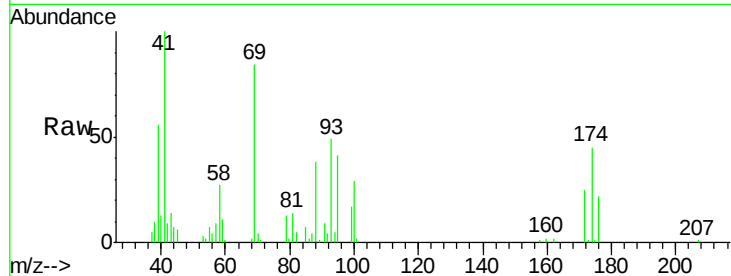
#49
1,4-Dioxane
Concen: 378.371 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	33.9	29.5	44.3	
58	72.1	59.8	89.8	

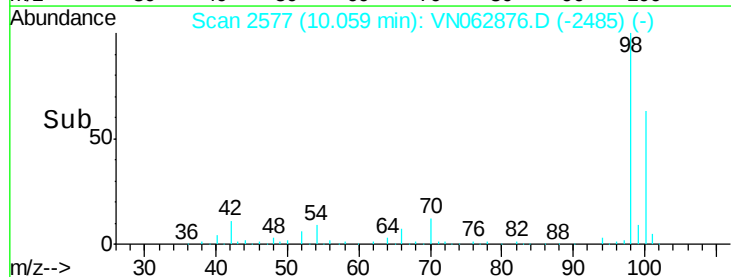
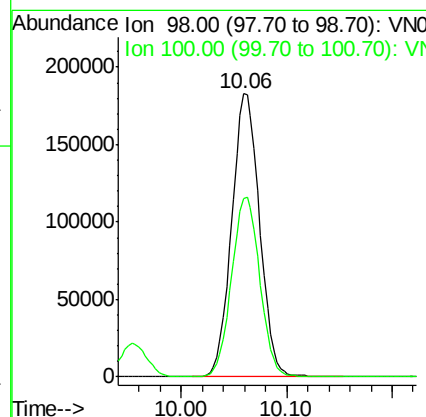
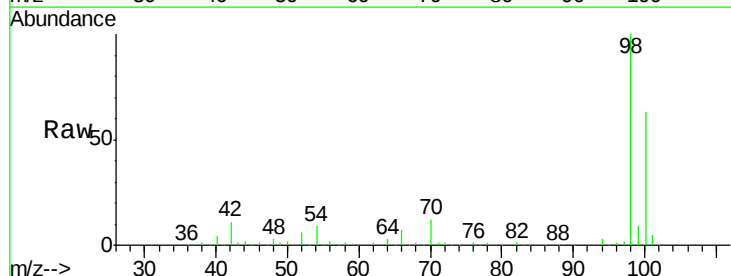
Manual Integrations
APPROVED

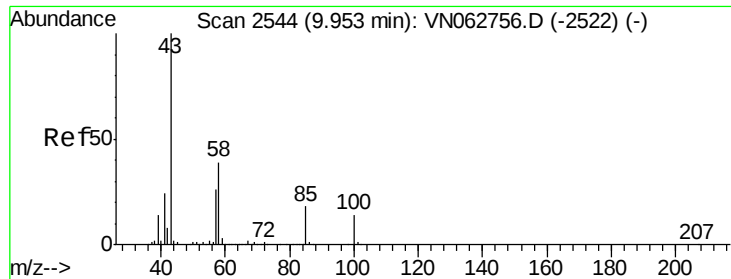
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#50
Toluene-d8
Concen: 47.200 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	64.3	50.9	76.3	





#51

4-Methyl-2-Pentanone

Concen: 92.253 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

Tot Ion: 43 Resp: 268495

Ion Ratio Lower Upper

43 100

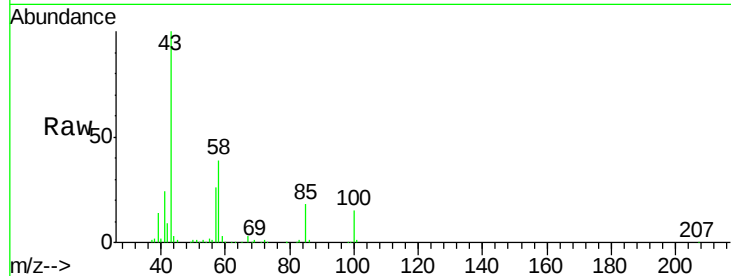
58 39.1 31.1 46.7

Manual Integrations

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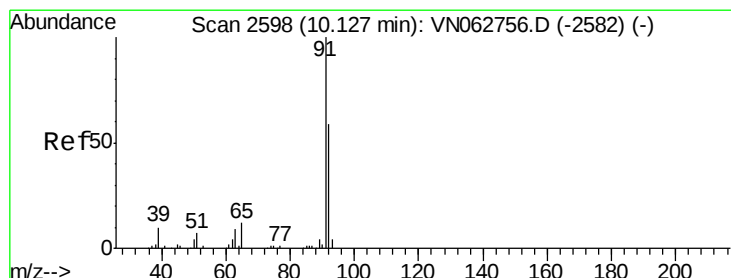
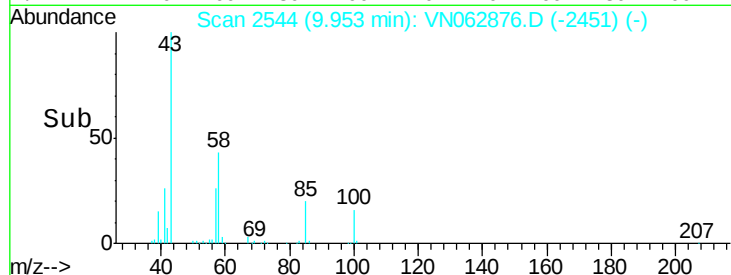
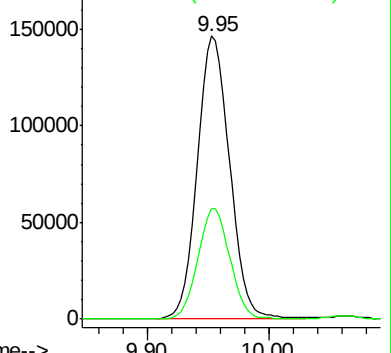
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 17.745 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062876.D

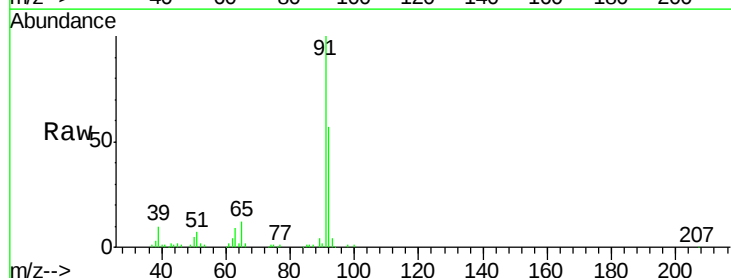
Acq: 12 Aug 2020 23:53

Tgt Ion: 92 Resp: 84403

Ion Ratio Lower Upper

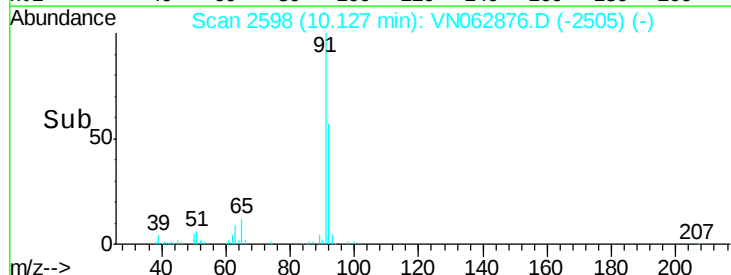
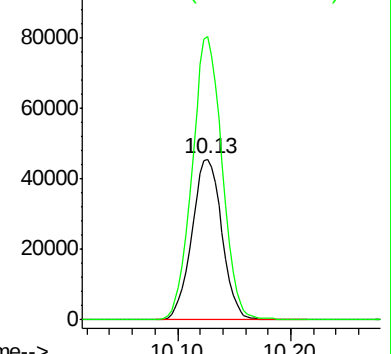
92 100

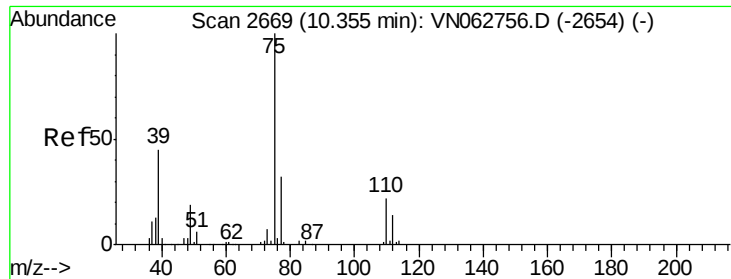
91 175.6 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





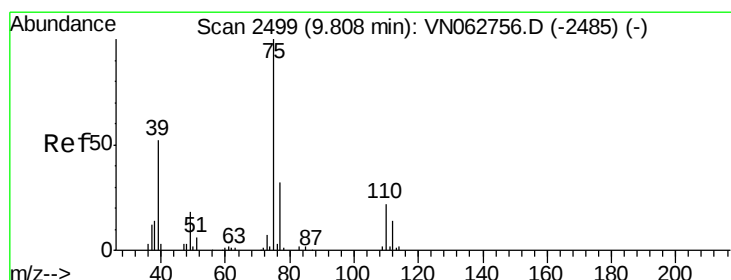
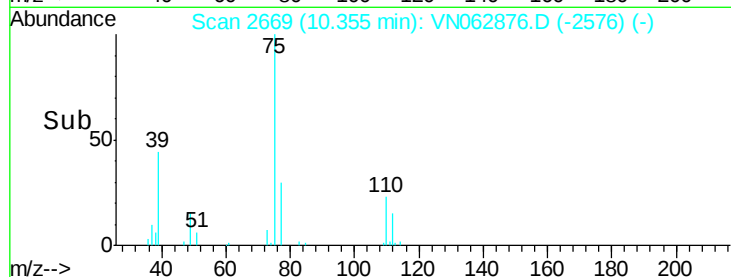
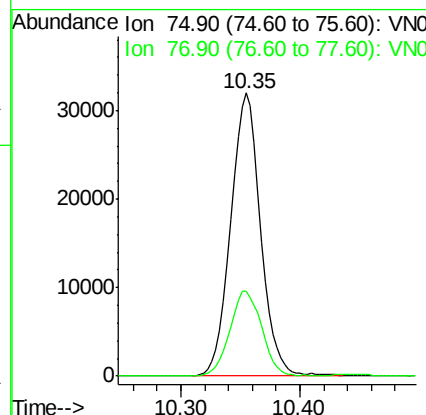
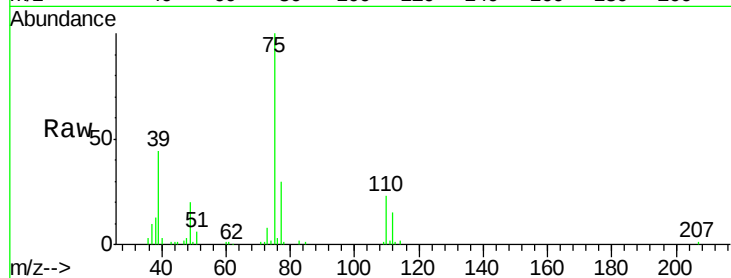
#53
 t-1,3-Dichloropropene
 Concen: 16.466 ug/l
 RT: 10.35 min Scan# 2669
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.2

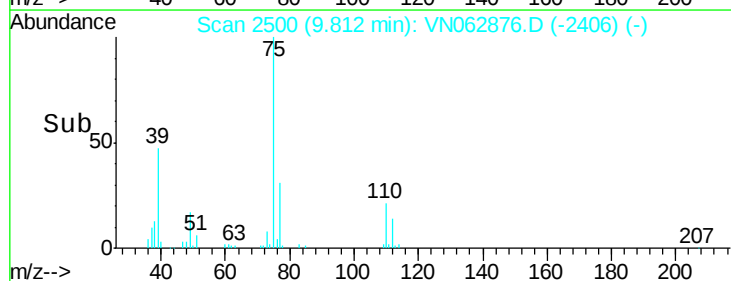
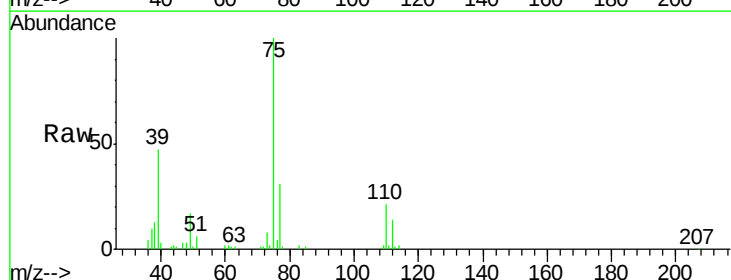
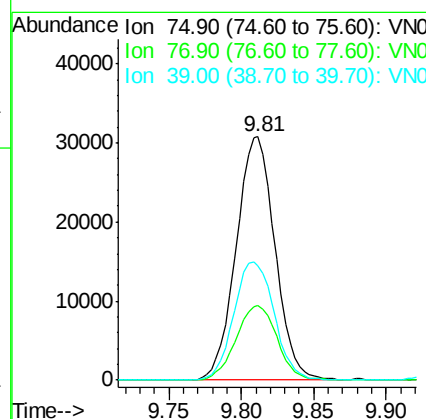
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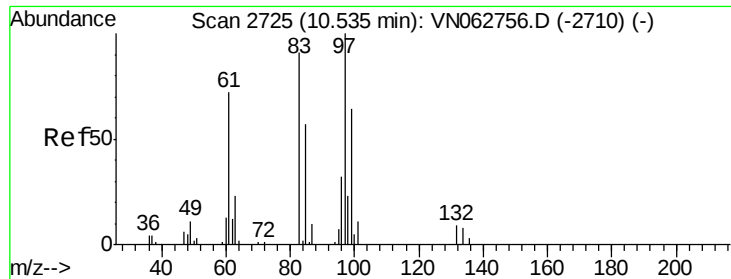
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#54
 cis-1,3-Dichloropropene
 Concen: 16.891 ug/l
 RT: 9.81 min Scan# 2500
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.5	38.3
39	46.9	41.9	62.9





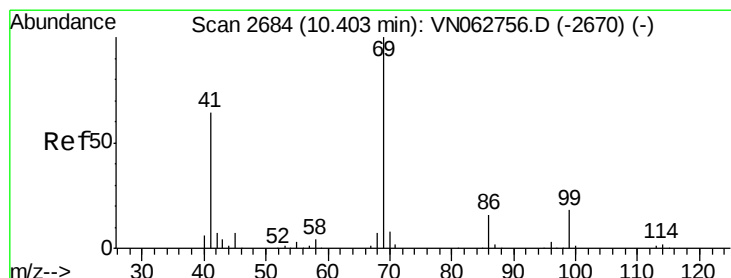
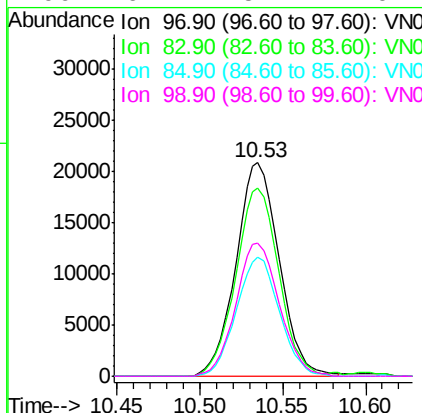
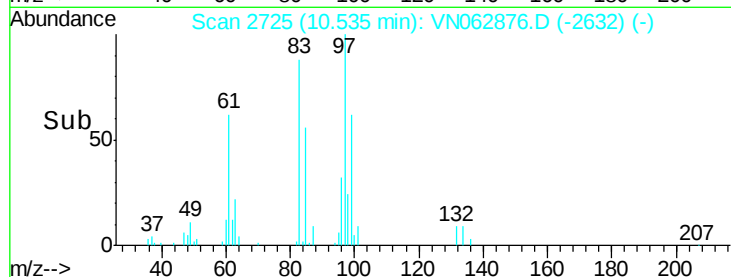
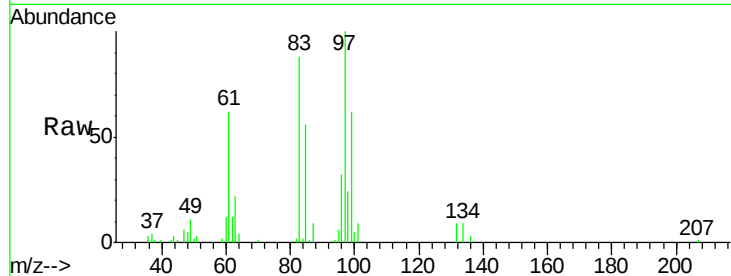
#55
 1,1,2-Trichloroethane
 Concen: 18.650 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		37888		
83	87.9	72.6	108.8		
85	56.0	46.0	69.0		
99	62.1	51.1	76.7		

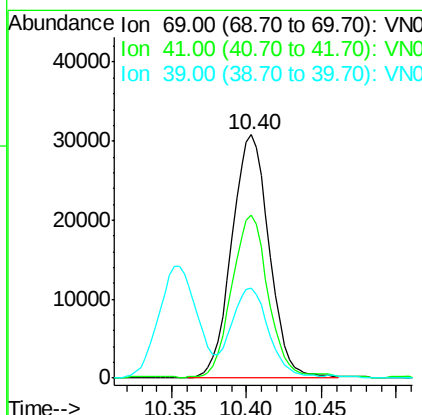
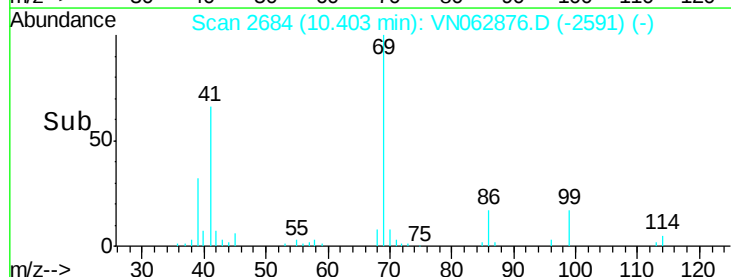
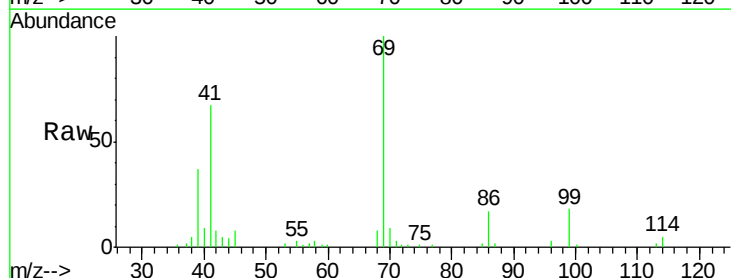
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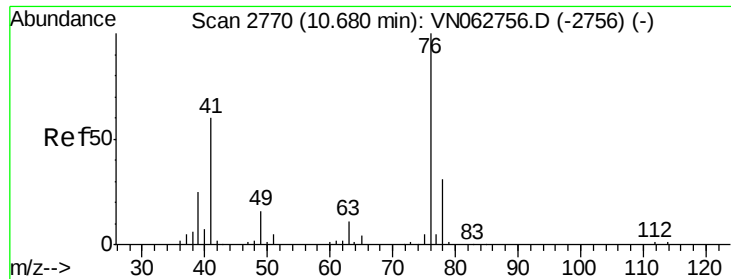
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#56
 Ethyl methacrylate
 Concen: 17.594 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		53798		
41	66.0	52.2	78.2		
39	35.1	30.9	46.3		





#57

1,3-Dichloropropane

Concen: 18.049 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

Tot Ion: 76 Resp: 62300

Ion Ratio Lower Upper

76 100

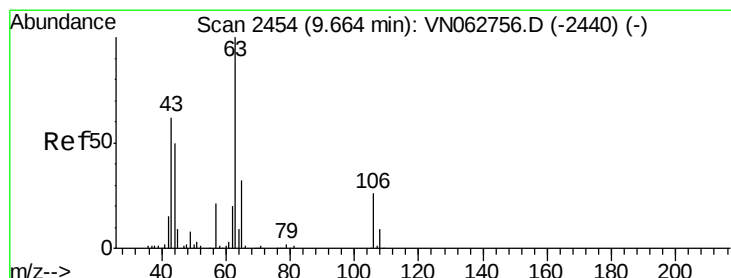
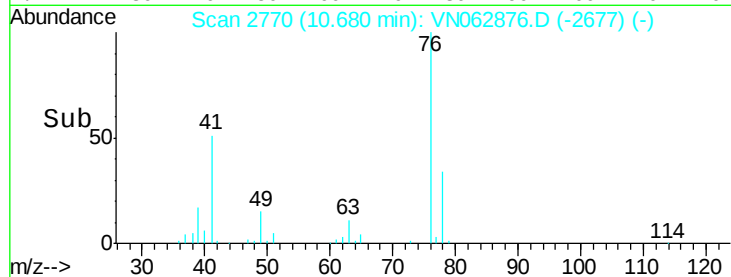
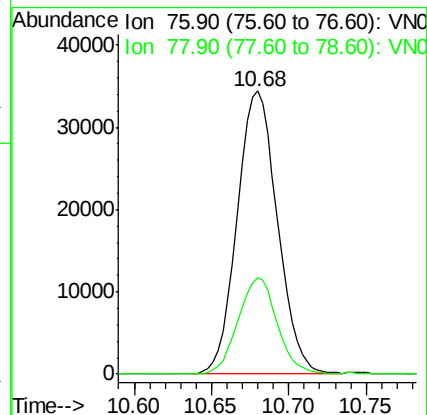
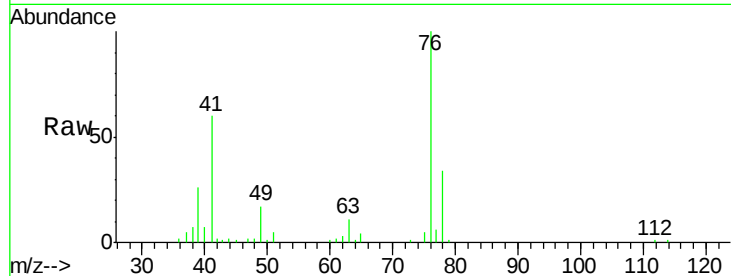
78 32.9 25.4 38.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 74.360 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062876.D

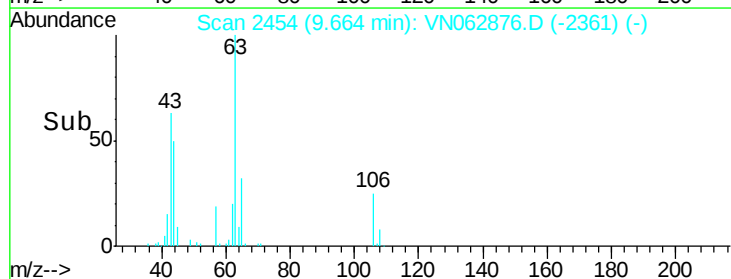
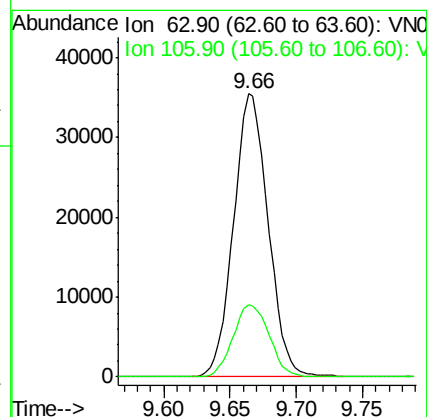
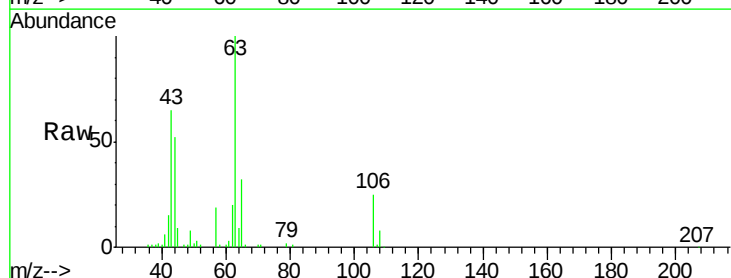
Acq: 12 Aug 2020 23:53

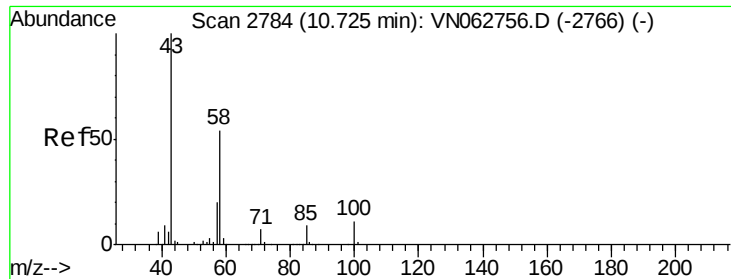
Tgt Ion: 63 Resp: 64271

Ion Ratio Lower Upper

63 100

106 26.4 20.9 31.3





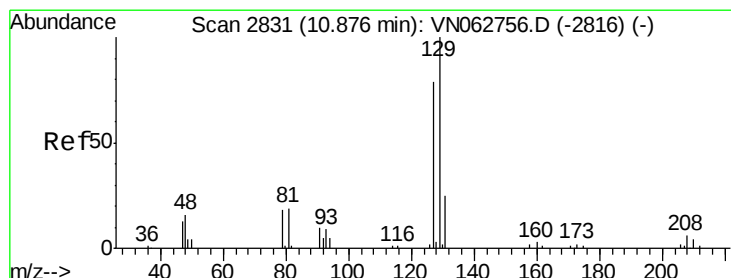
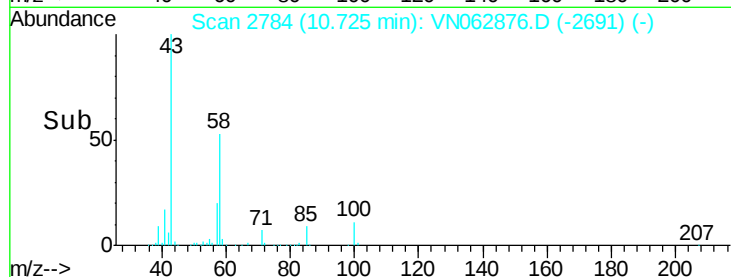
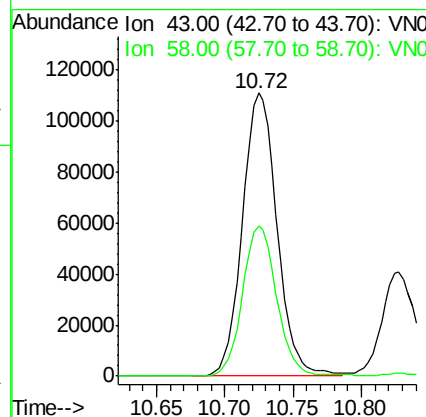
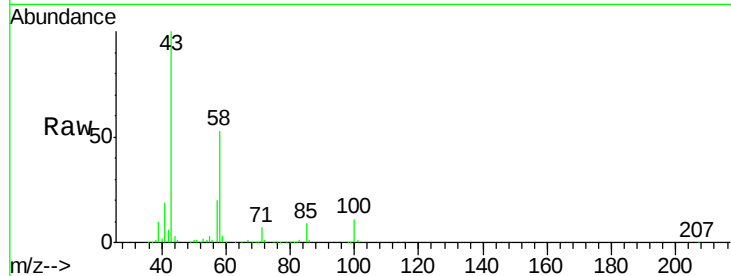
#59
2-Hexanone
Concen: 89.487 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion: 43 Resp: 194276
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1

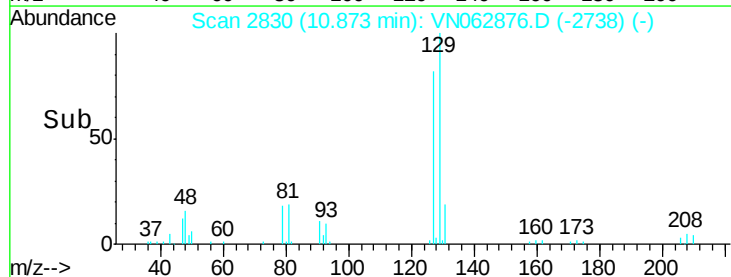
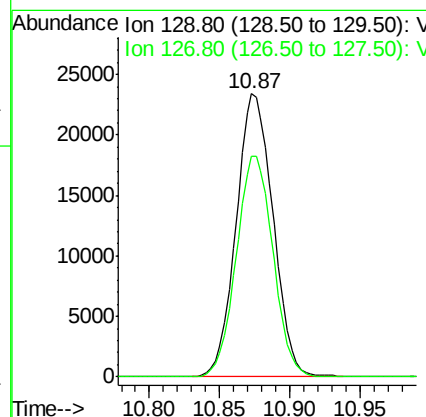
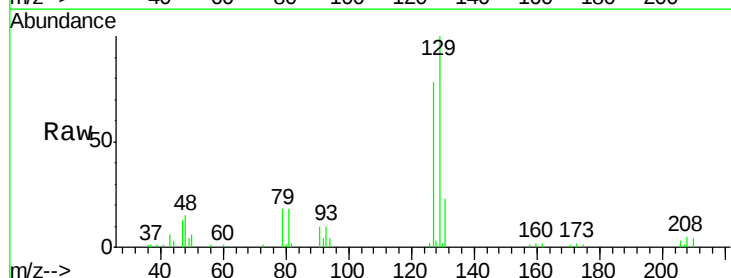
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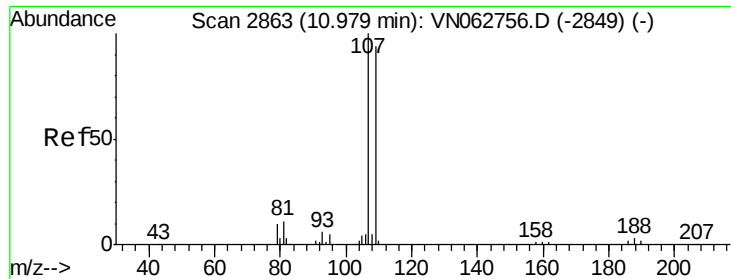
MMDadoda
8/13/2020 10:56:12 AM



#60
Dibromochloromethane
Concen: 18.490 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion: 129 Resp: 42865
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





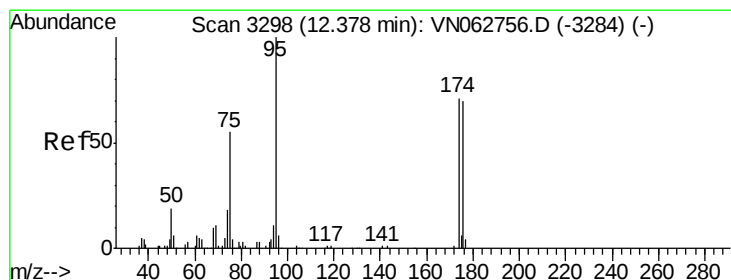
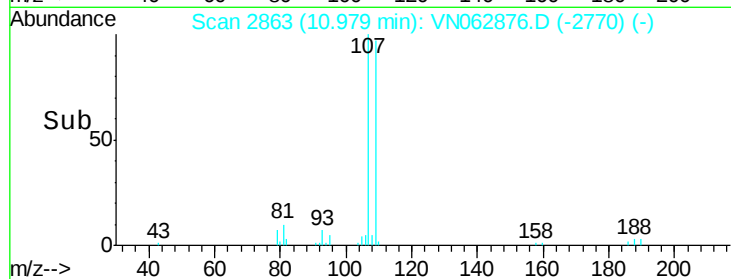
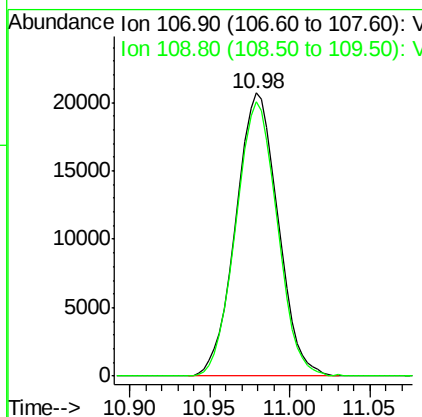
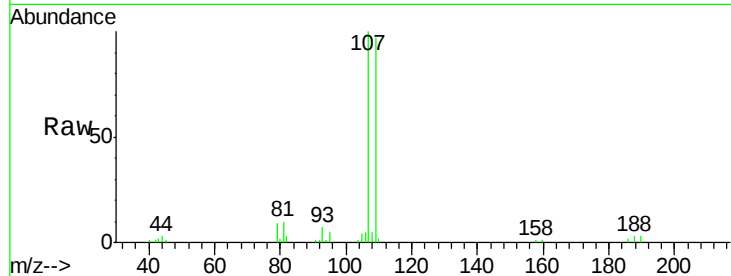
#61
 1,2-Dibromoethane
 Concen: 18.640 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	76.1	114.1

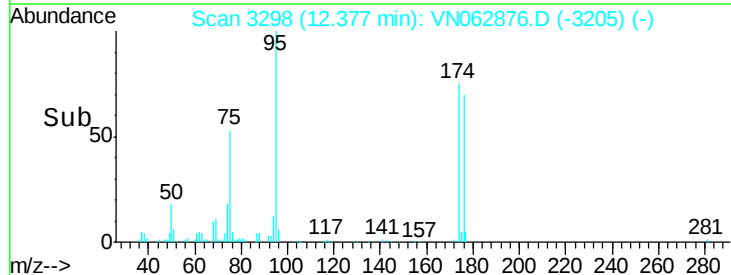
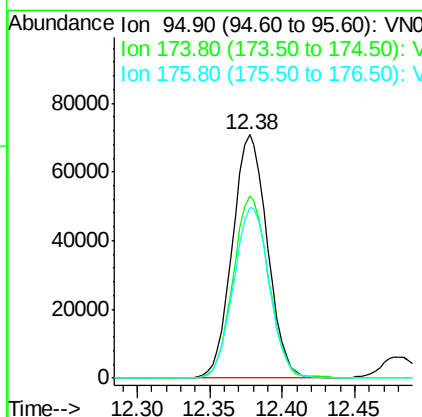
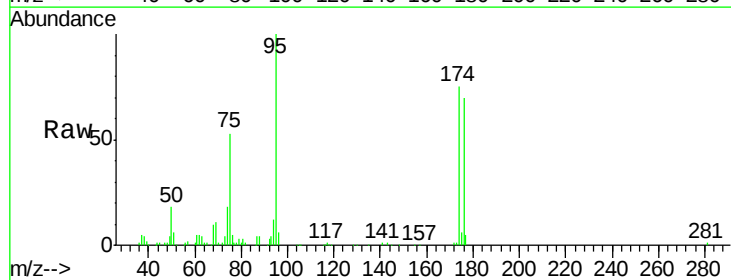
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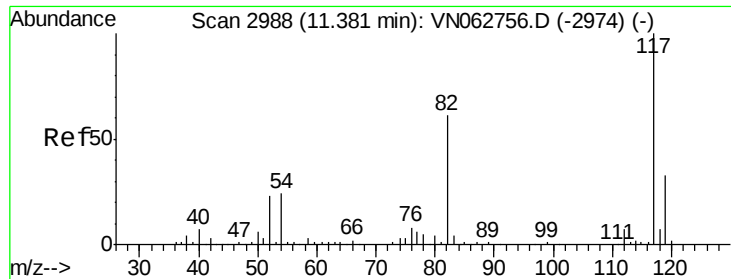
MMDadoda
 8/13/2020 10:56:12 AM



#62
 4-Bromofluorobenzene
 Concen: 44.440 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	144.8
176	71.5	0.0	142.2





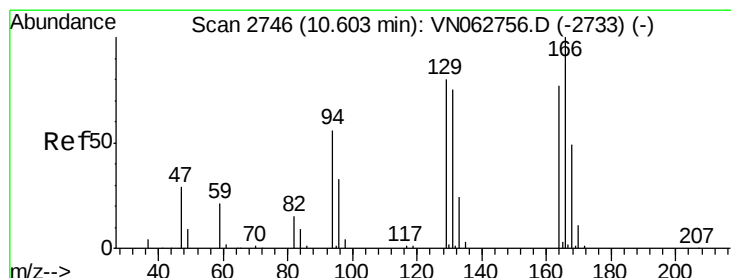
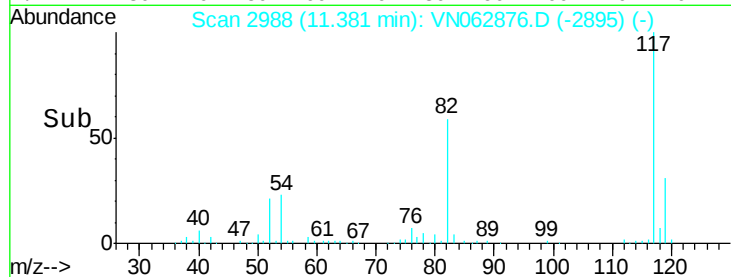
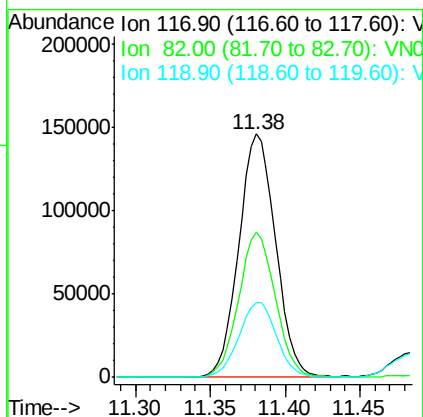
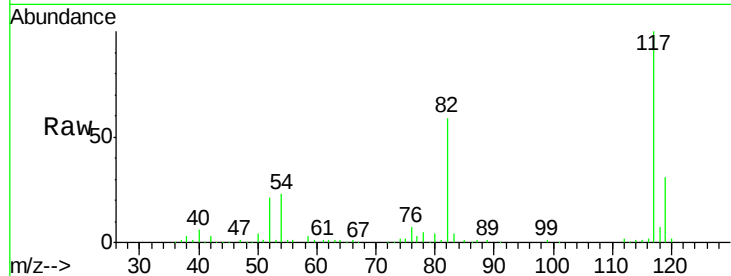
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.5	49.0	73.4
119	30.8	26.2	39.2

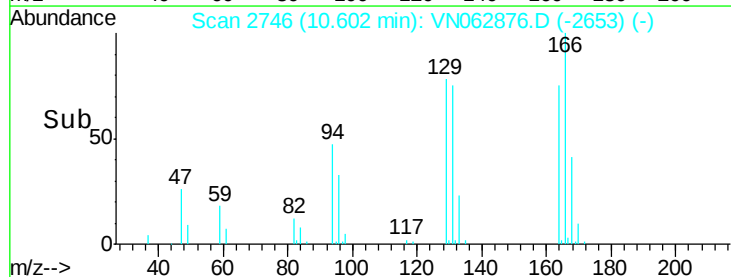
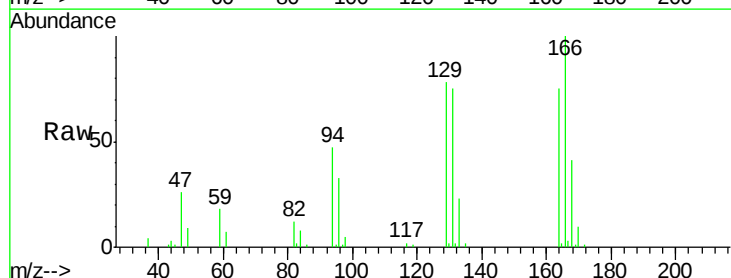
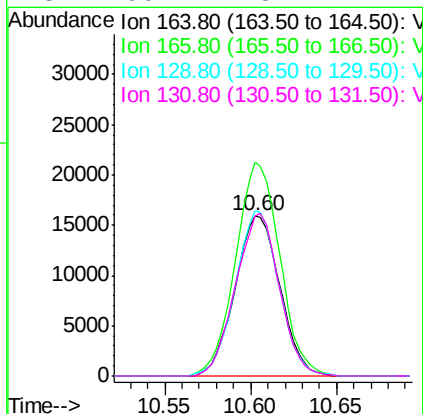
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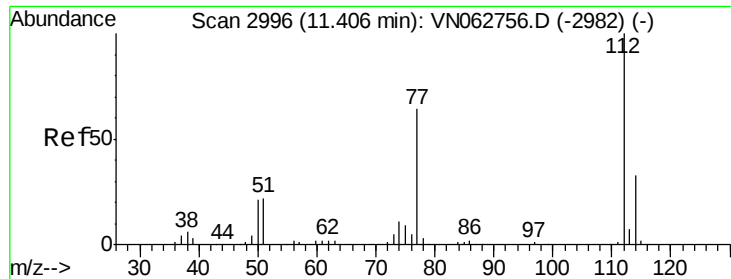
MMDadoda
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#64
Tetrachloroethene
Concen: 17.944 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.1	103.8	155.8
129	103.2	82.7	124.1
131	99.4	78.2	117.2





#65

Chlorobenzene

Concen: 18.048 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

Tot Ion:112 Resp: 94272

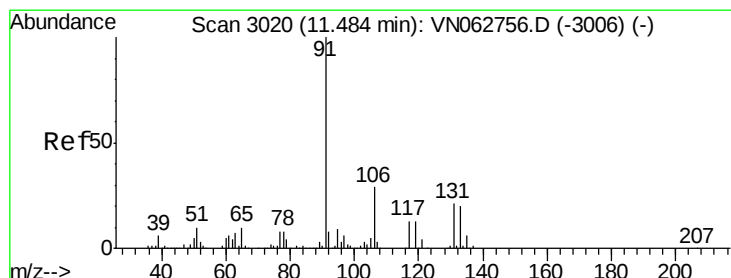
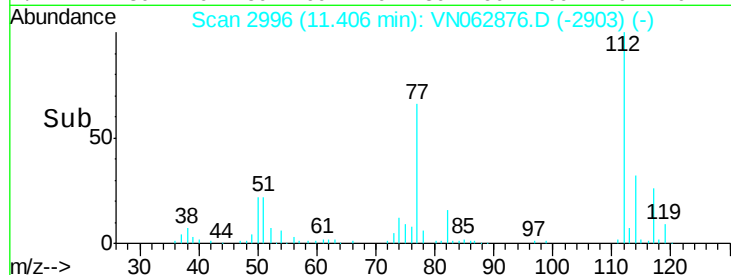
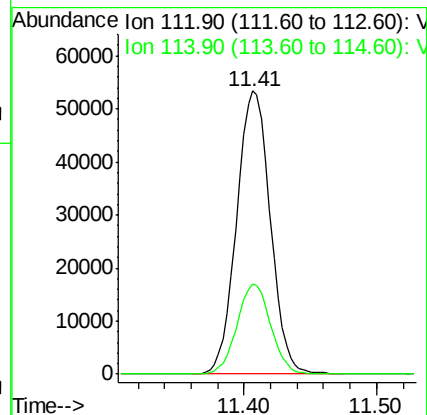
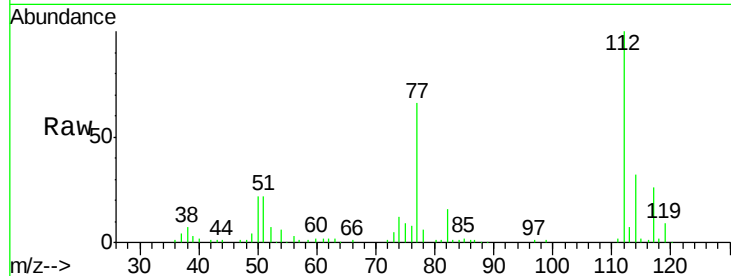
Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.595 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

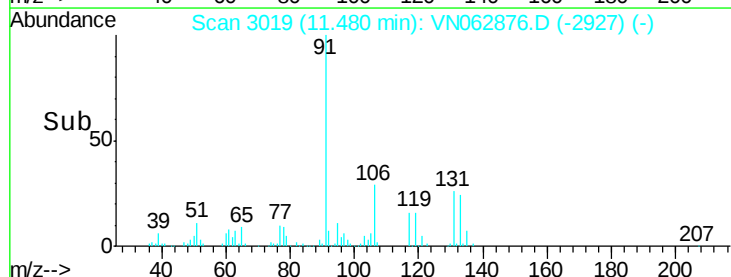
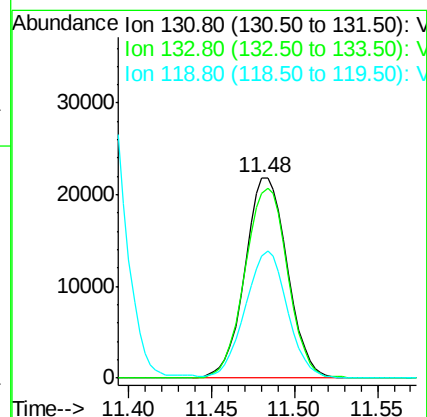
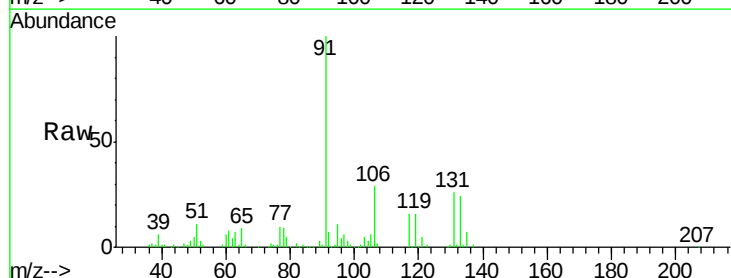
Tgt Ion:131 Resp: 39004

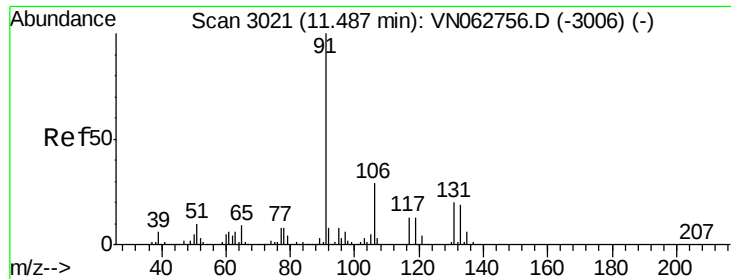
Ion Ratio Lower Upper

131 100

133 95.7 48.6 145.8

119 63.1 32.2 96.6





#67

Ethyl Benzene

Concen: 17.352 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampled :

VN0812WBS02

Tot Ion: 91 Resp: 162192

Ion Ratio Lower Upper

91 100

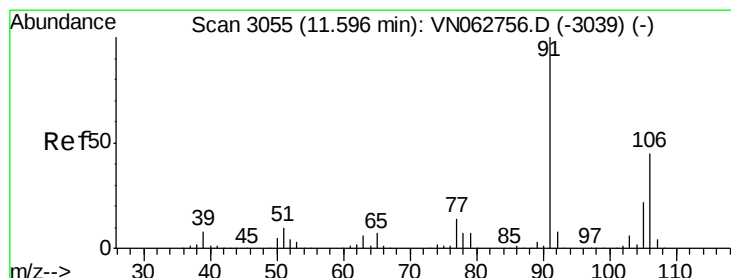
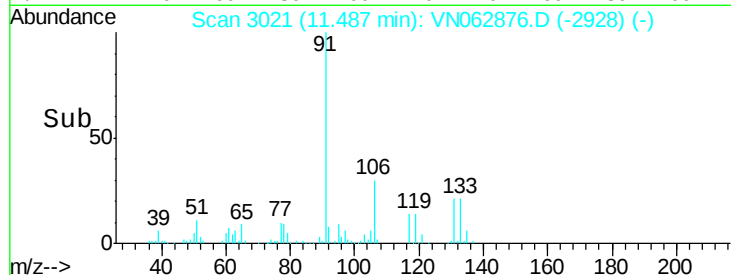
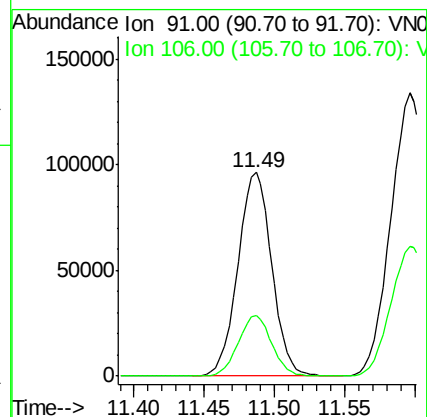
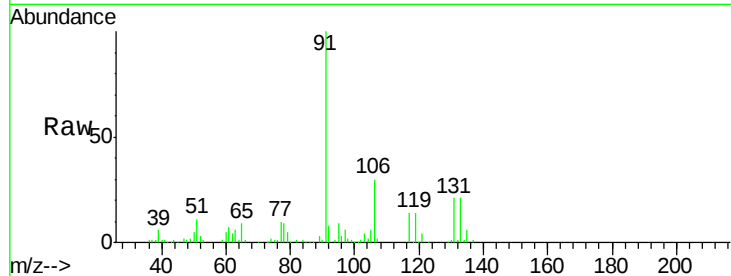
106 29.8 23.2 34.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 35.206 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062876.D

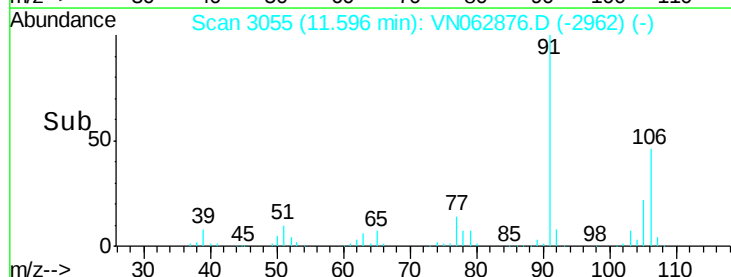
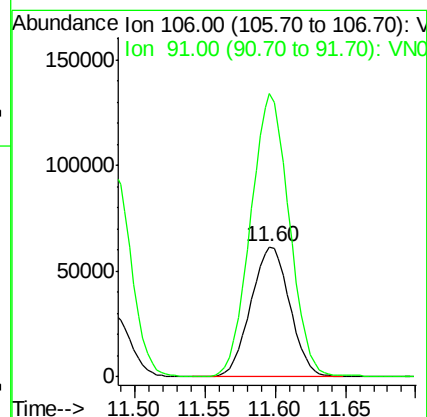
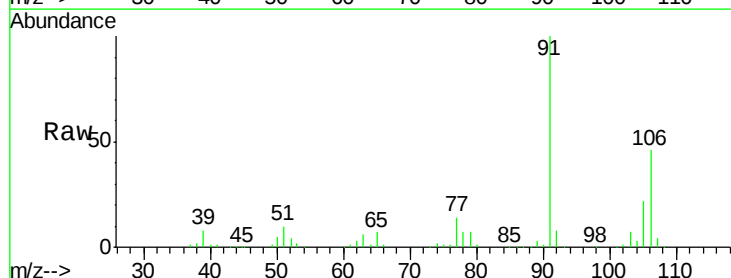
Acq: 12 Aug 2020 23:53

Tgt Ion: 106 Resp: 119455

Ion Ratio Lower Upper

106 100

91 214.8 175.9 263.9





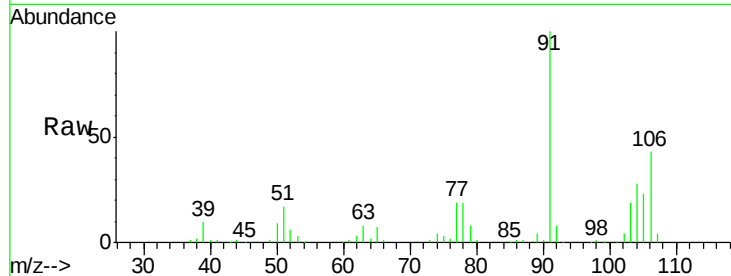
#69
o-Xylene
Concen: 17.858 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampled :
VN0812WBS02

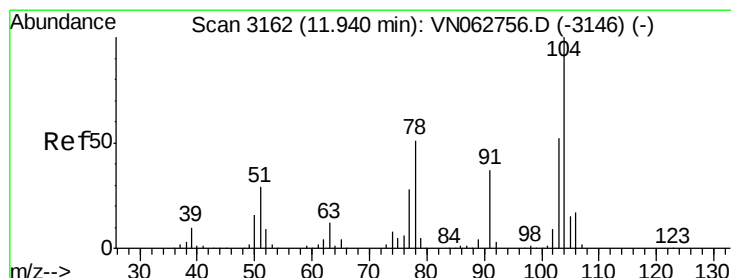
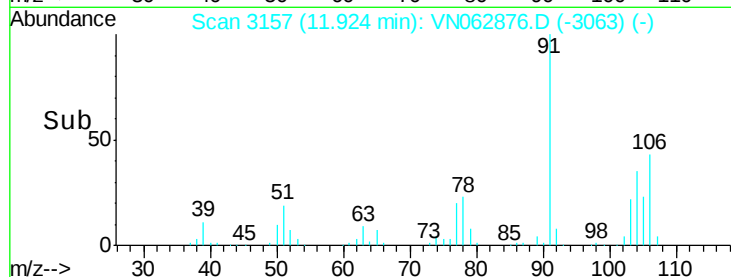
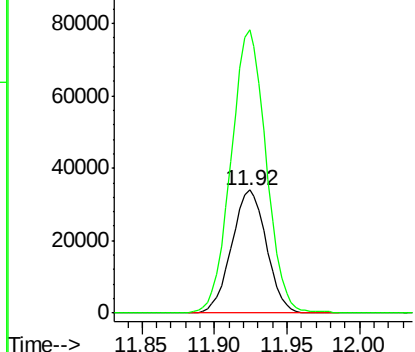
Tot Ion:106 Resp: 56784
Ion Ratio Lower Upper
106 100
91 230.9 115.8 347.4

Manual Integrations
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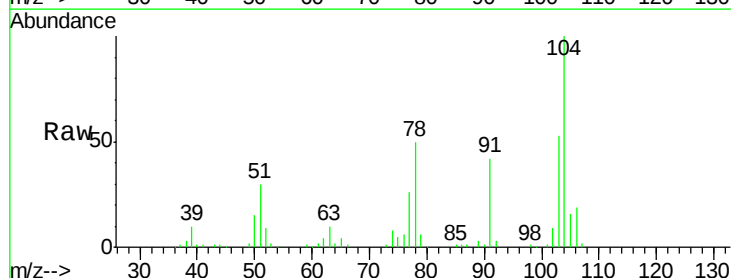


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

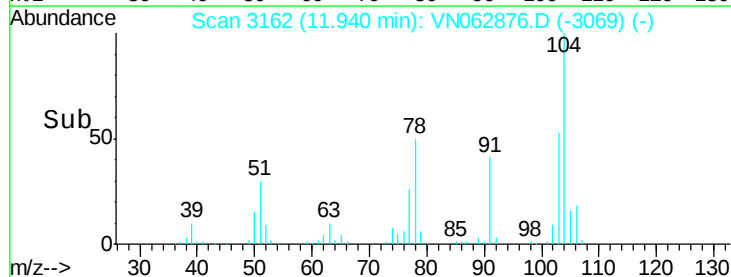
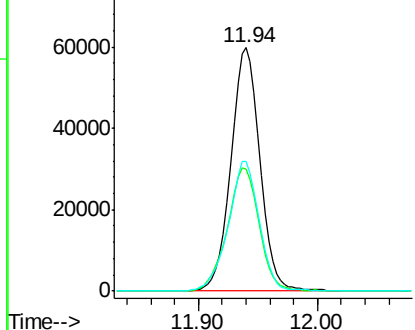


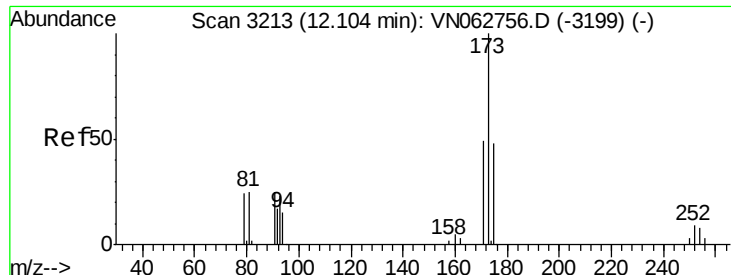
#70
Styrene
Concen: 18.114 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion:104 Resp: 101239
Ion Ratio Lower Upper
104 100
78 55.3 45.9 68.9
103 56.9 45.1 67.7



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





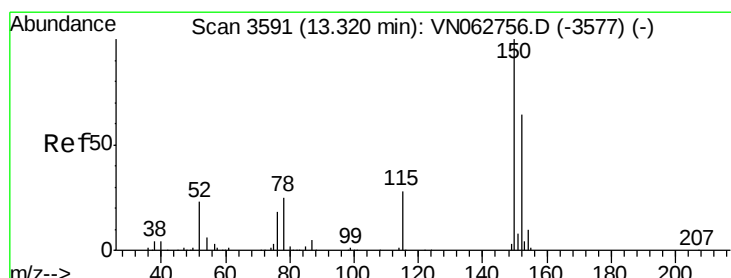
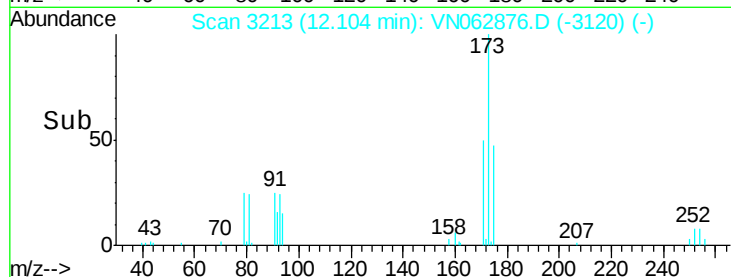
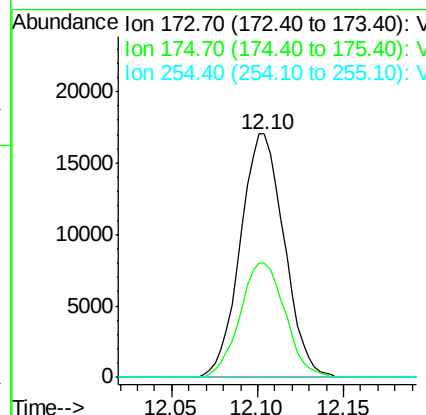
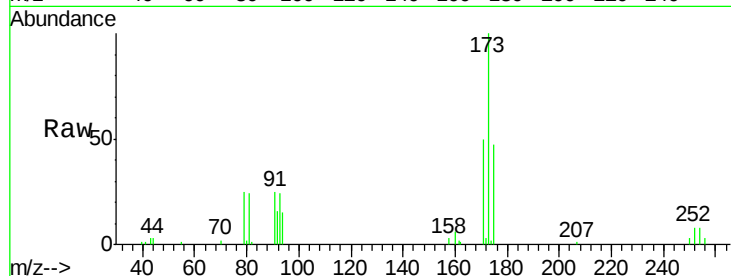
#71
Bromoform
Concen: 17.659 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.0	0.0	0.0

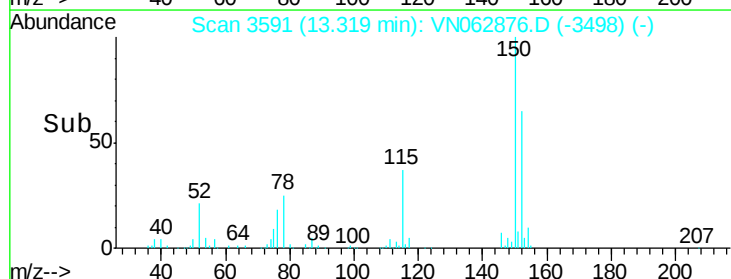
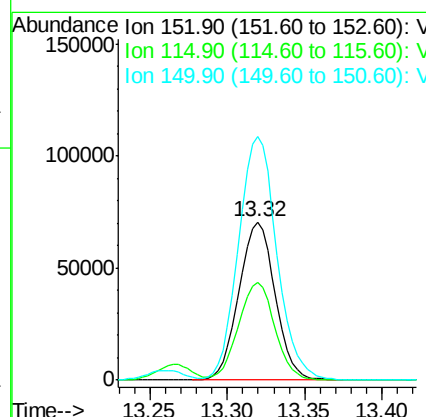
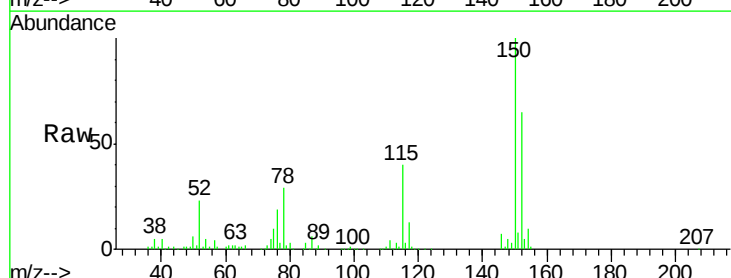
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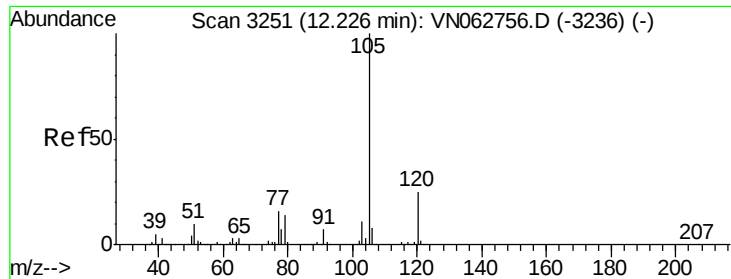
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.6	94.8
150	163.2	0.0	349.2





#73

Isopropylbenzene

Concen: 18.052 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

Tot Ion: 105 Resp: 156297

Ion Ratio Lower Upper

105 100

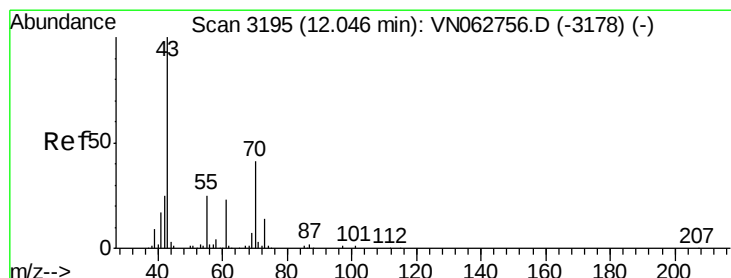
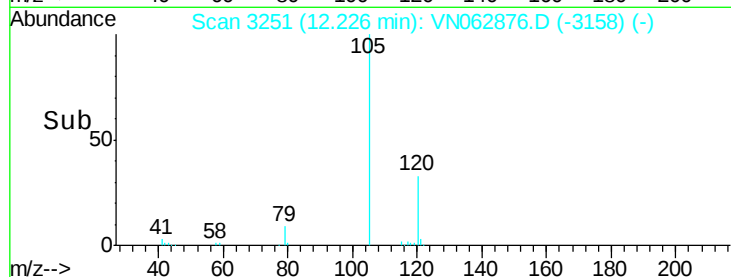
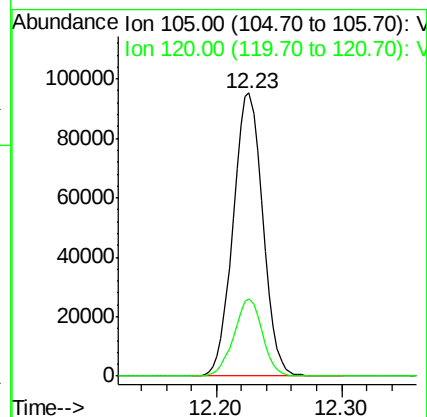
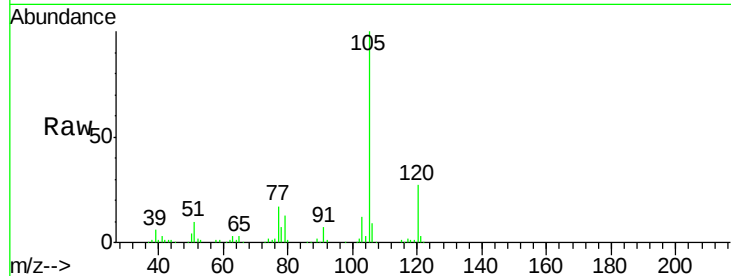
120 26.2 12.6 37.8

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#74

N-ethyl acetate

Concen: 19.120 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion: 43 Resp: 67088

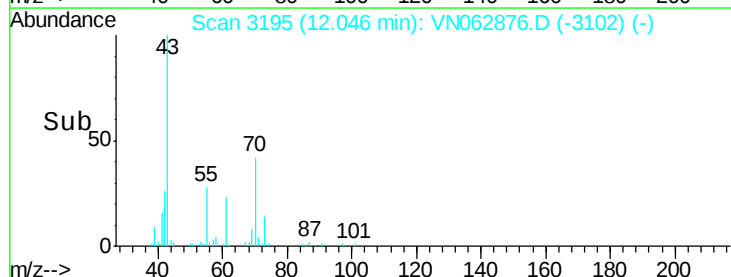
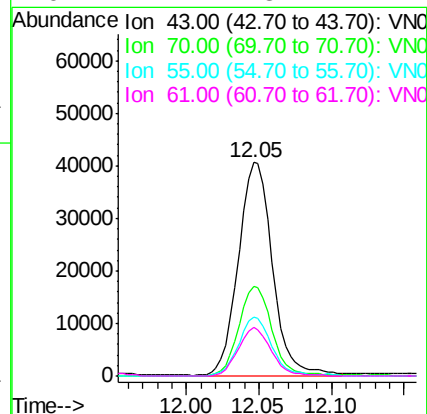
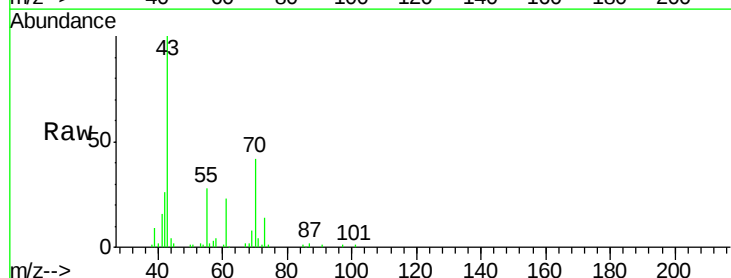
Ion Ratio Lower Upper

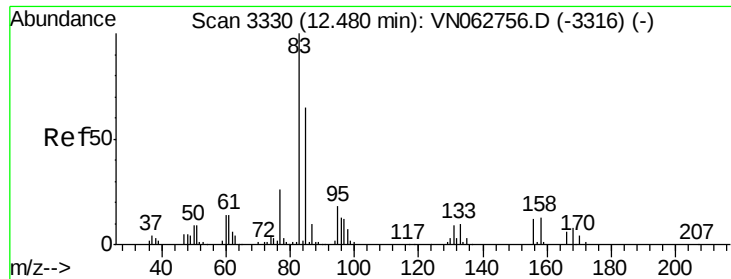
43 100

70 40.3 32.3 48.5

55 26.4 20.2 30.2

61 21.7 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.099 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

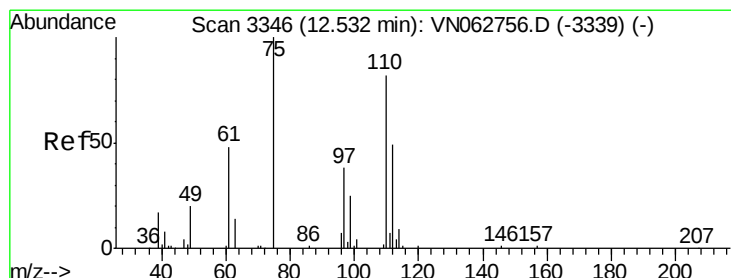
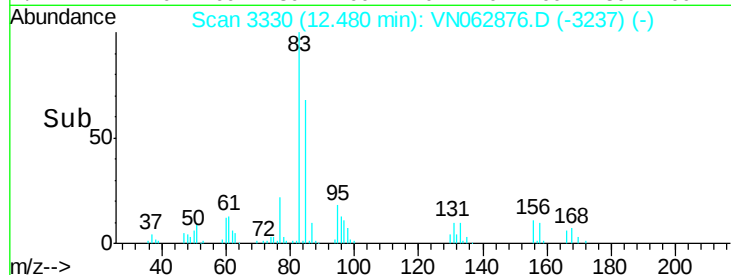
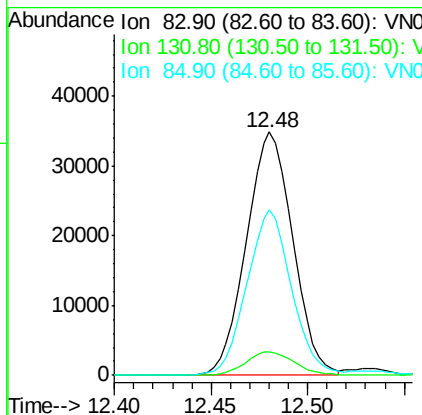
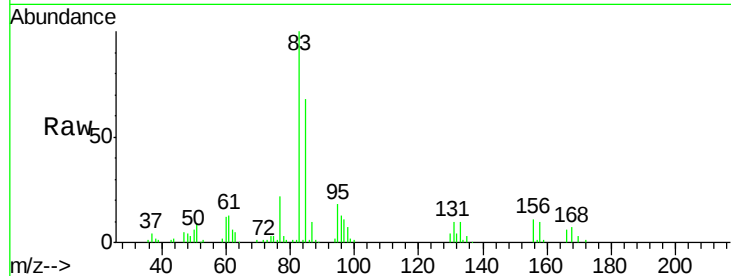
ClientSampleId :

VN0812WBS02

Tot Ion:	83	Resp:	58214
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.4
85	65.2	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 16.929 ug/l m

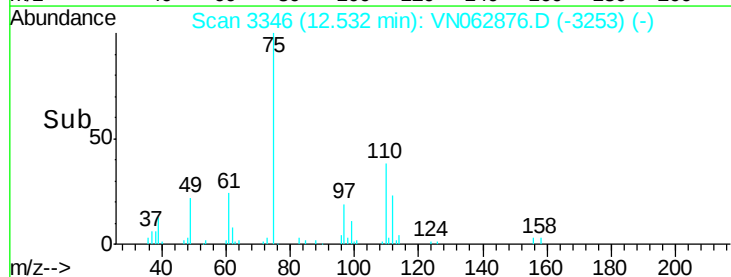
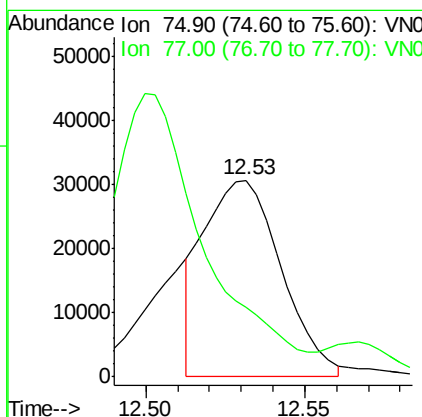
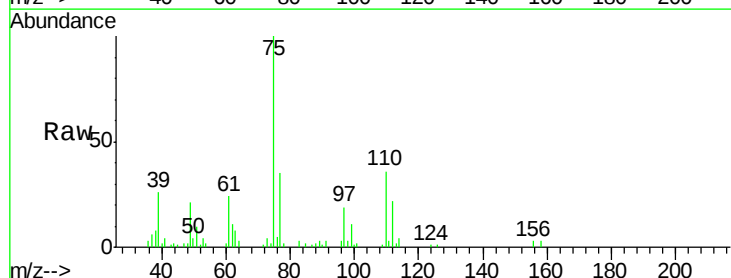
RT: 12.53 min Scan# 3346

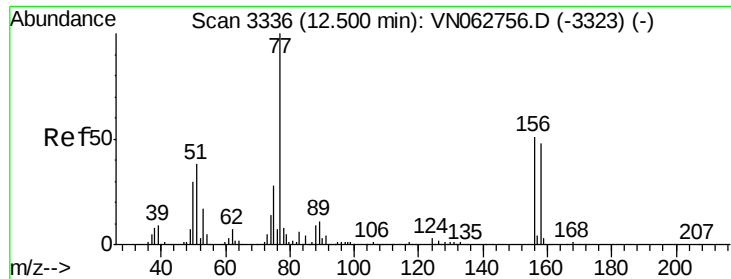
Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion:	75	Resp:	52497
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.341 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

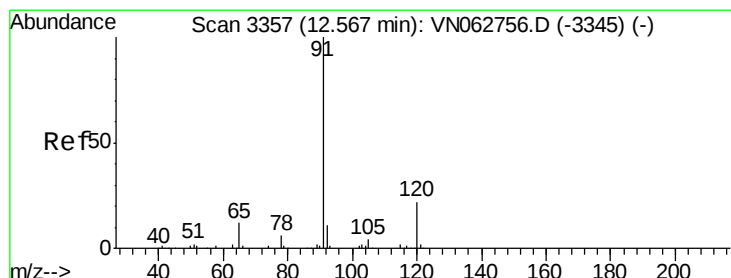
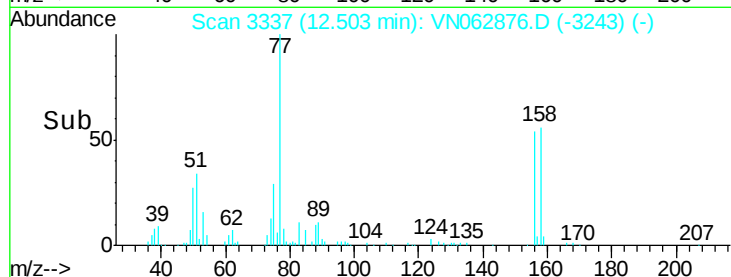
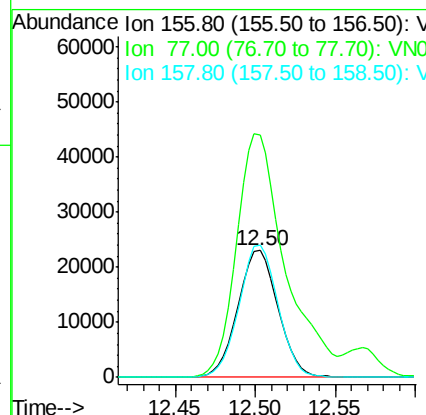
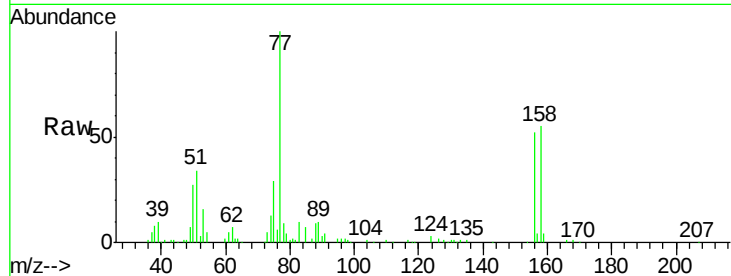
ClientSampleId :

VN0812WBS02

Tot Ion:	156	Resp:	39457
Ion Ratio	Lower	Upper	
156	100		
77	233.2	119.7	359.1
158	100.9	48.1	144.3

Manual Integrations
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#78

n-propylbenzene

Concen: 17.707 ug/l

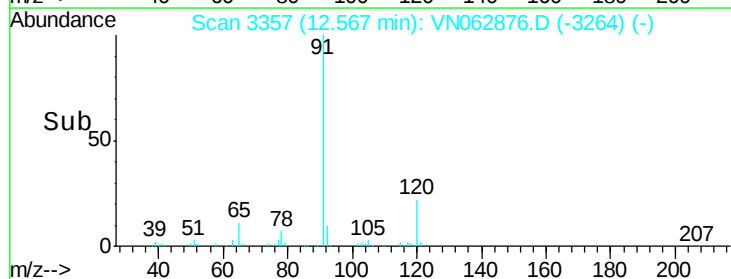
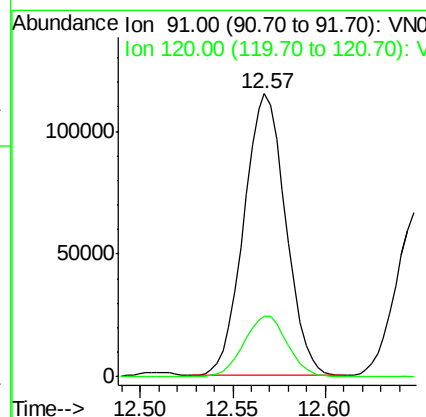
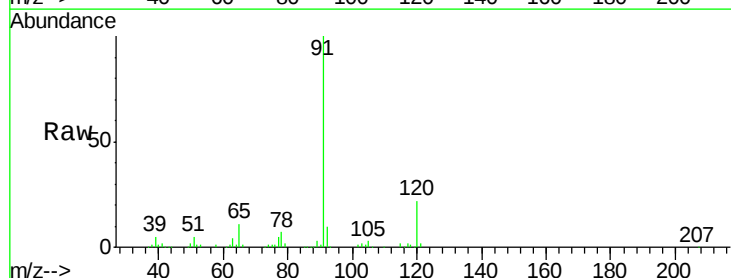
RT: 12.57 min Scan# 3357

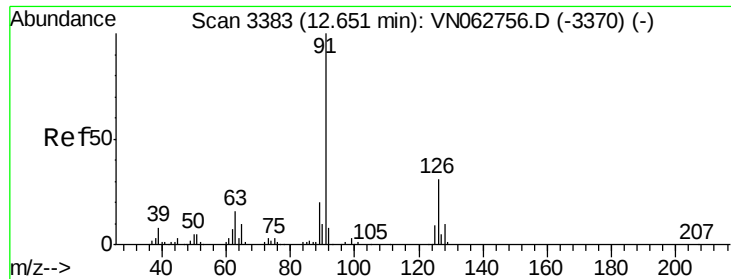
Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion:	91	Resp:	179969
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.9	32.9





#79

2-Chlorotoluene

Concen: 18.052 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

Tot Ion: 91 Resp: 115055

Ion Ratio Lower Upper

91 100

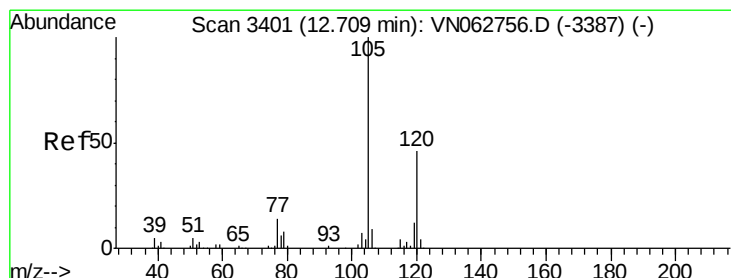
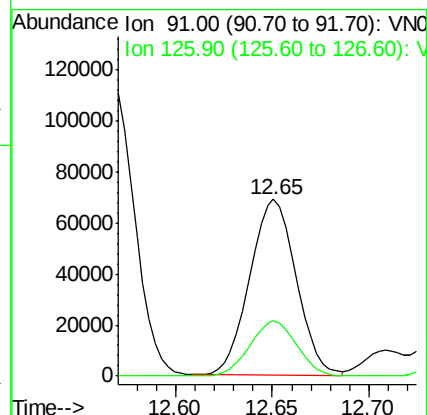
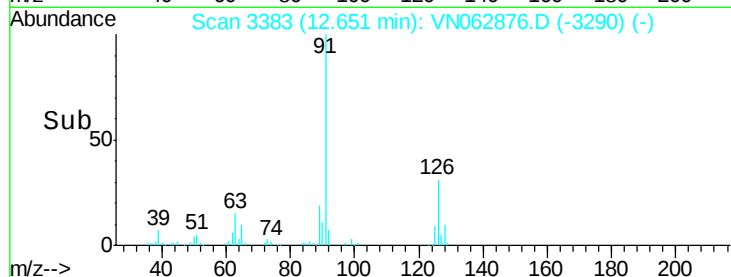
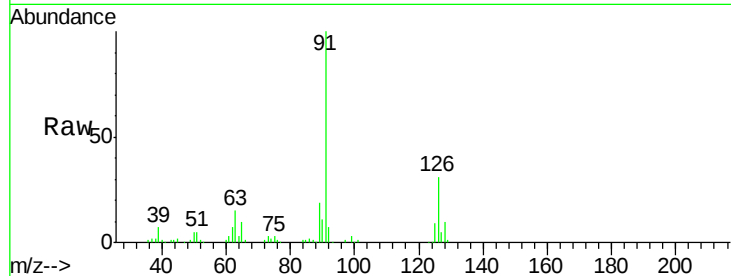
126 31.8 15.6 46.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.844 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062876.D

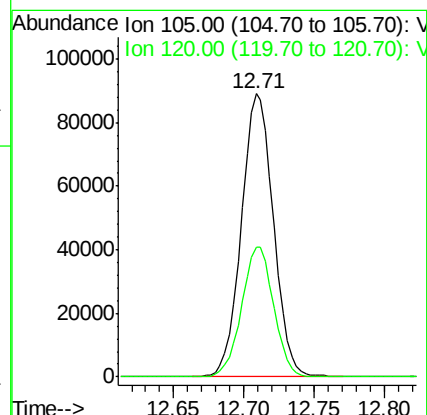
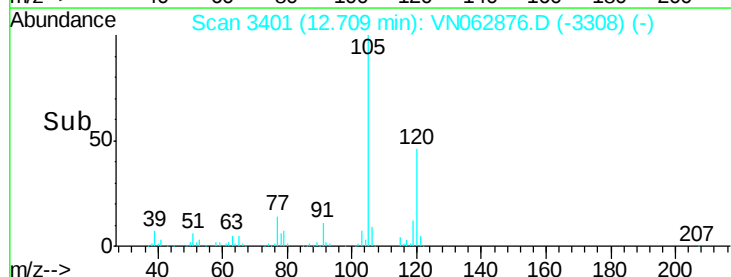
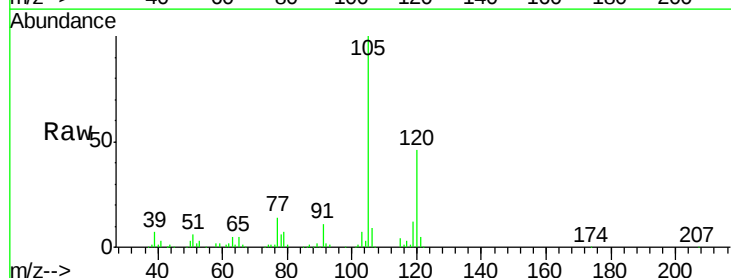
Acq: 12 Aug 2020 23:53

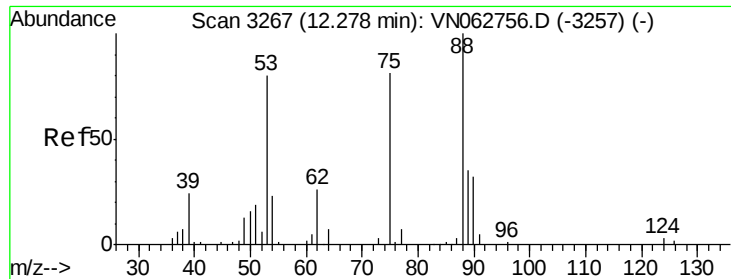
Tgt Ion: 105 Resp: 141550

Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 15.980 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

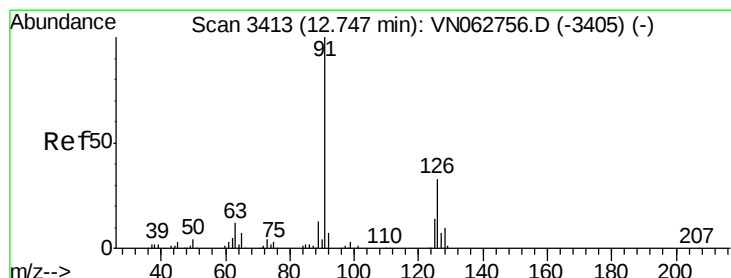
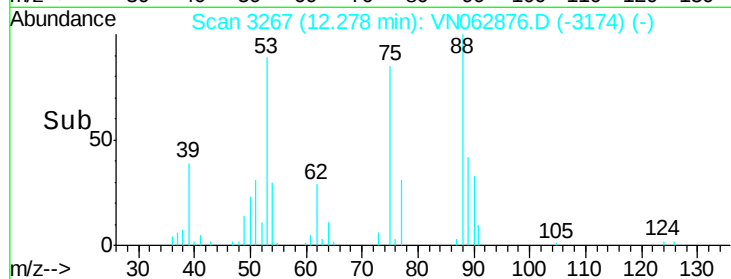
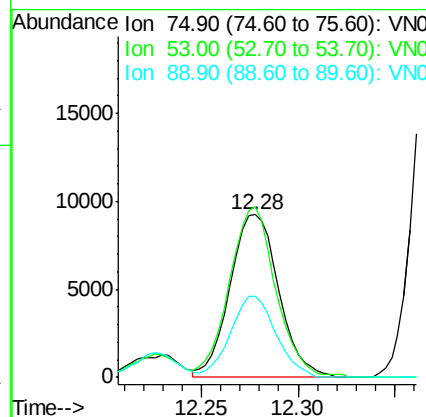
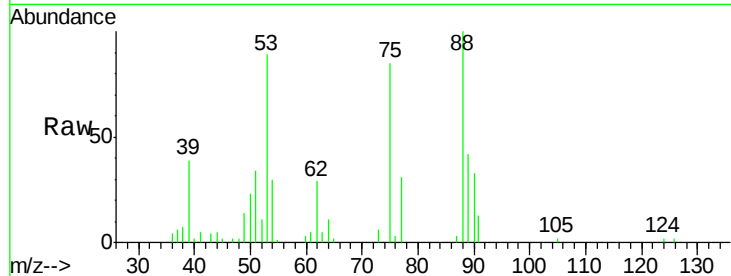
ClientSampleId :

VN0812WBS02

Tot Ion:	75	Resp:	16233
Ion	Ratio	Lower	Upper
75	100		
53	100.1	79.1	118.7
89	46.4	36.2	54.2

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#82

4-Chlorotoluene

Concen: 17.829 ug/l

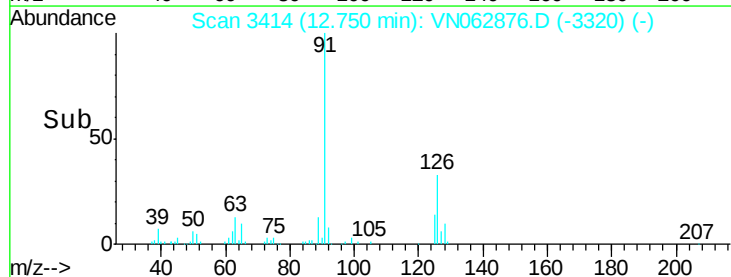
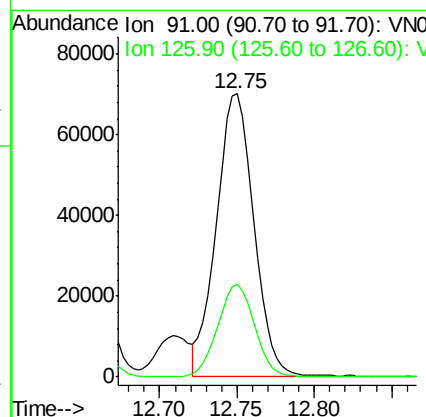
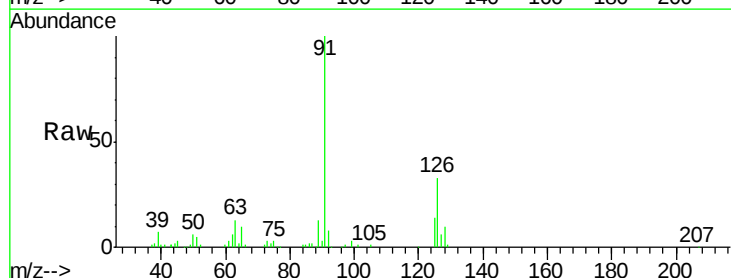
RT: 12.75 min Scan# 3414

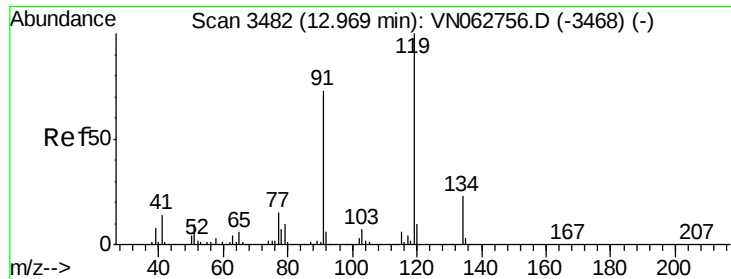
Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion:	91	Resp:	117103
Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.3	45.9





#83

tert-Butylbenzene

Concen: 18.361 ug/l

RT: 12.97 min Scan# 3482

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

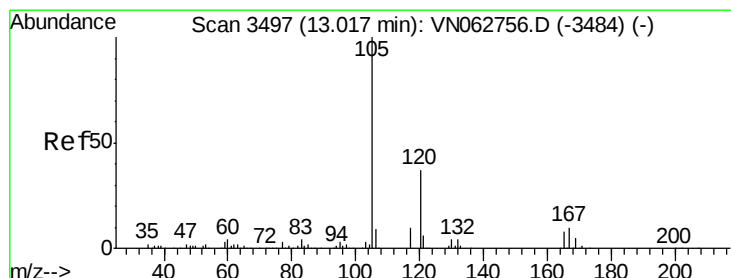
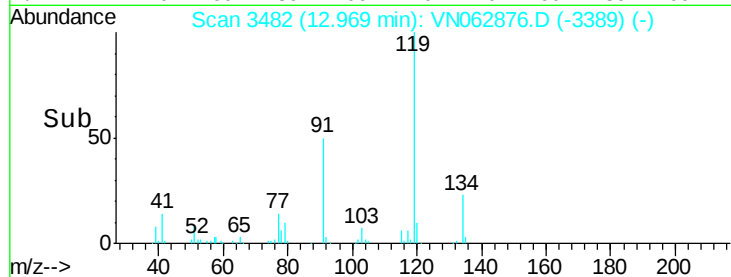
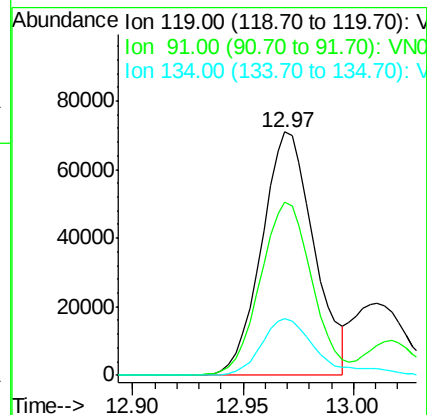
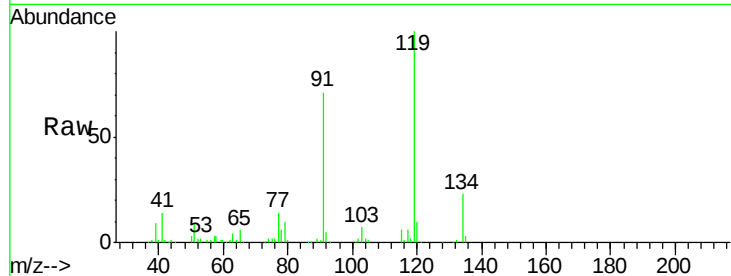
ClientSampleId :

VN0812WBS02

Tot Ion:	119	Resp:	116702
Ion Ratio	Lower	Upper	
119	100		
91	70.4	36.5	109.5
134	25.0	11.3	33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.692 ug/l

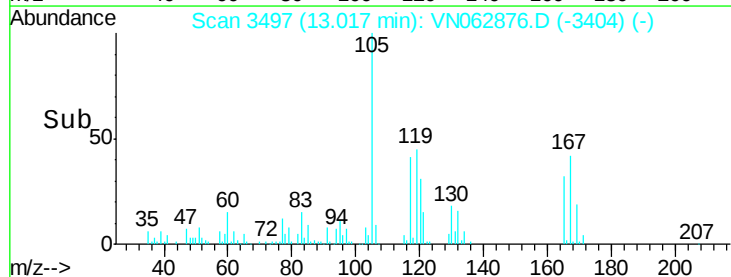
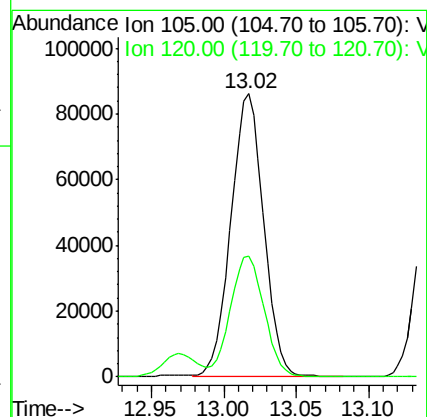
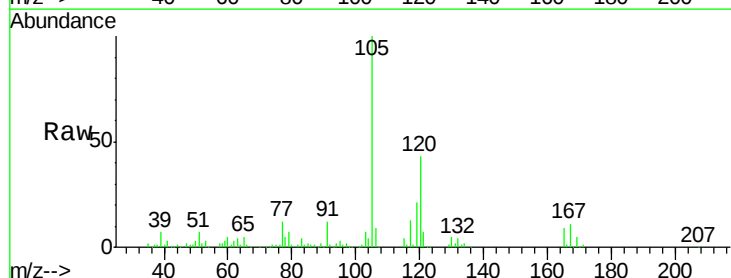
RT: 13.02 min Scan# 3497

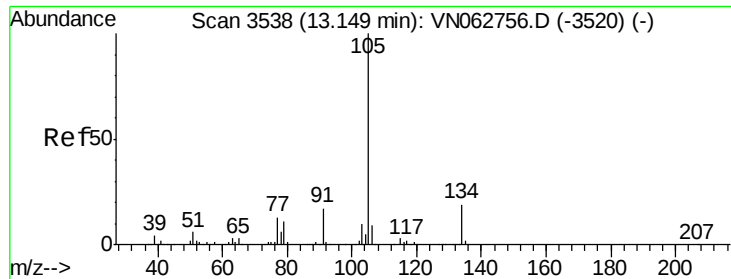
Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion:	105	Resp:	134319
Ion Ratio	Lower	Upper	
105	100		
120	44.5	21.4	64.2





#85

sec-Butylbenzene

Concen: 18.398 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0812WBS02

Tot Ion:105 Resp: 153561

Ion Ratio Lower Upper

105 100

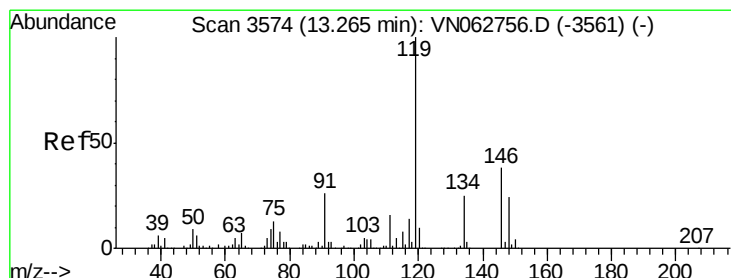
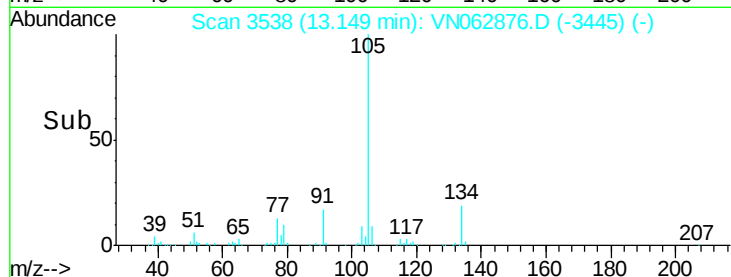
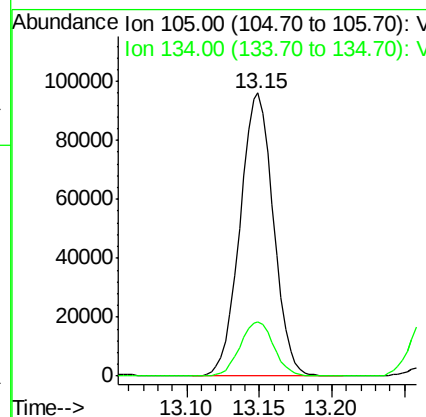
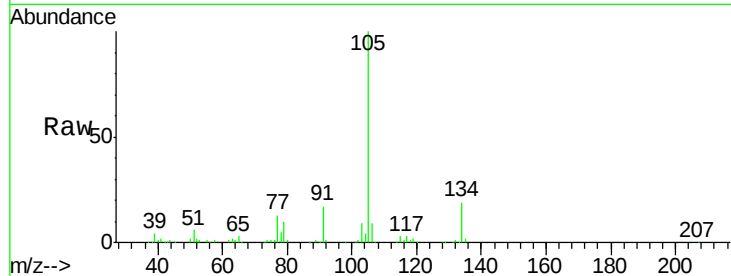
134 19.2 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 17.790 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

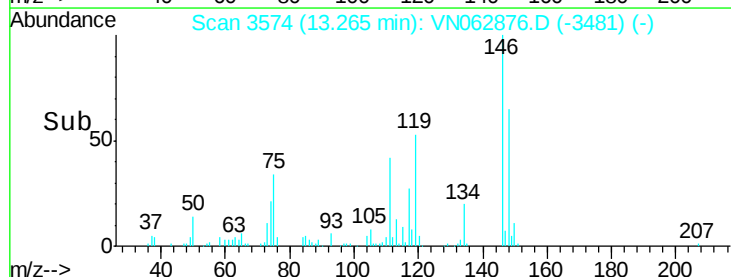
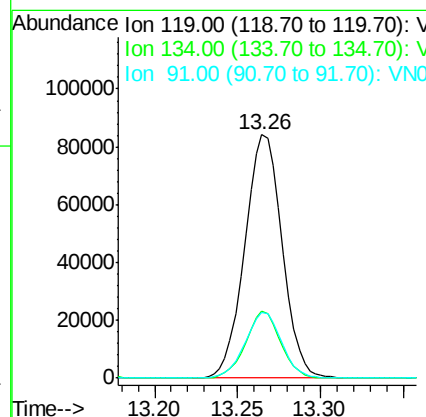
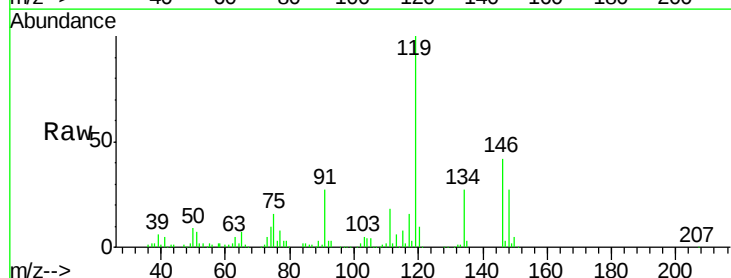
Tgt Ion:119 Resp: 131805

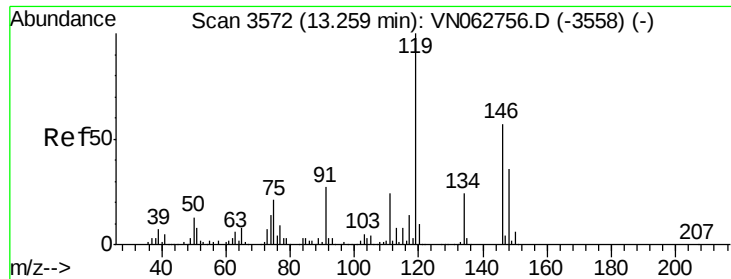
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

91 26.5 13.4 40.2





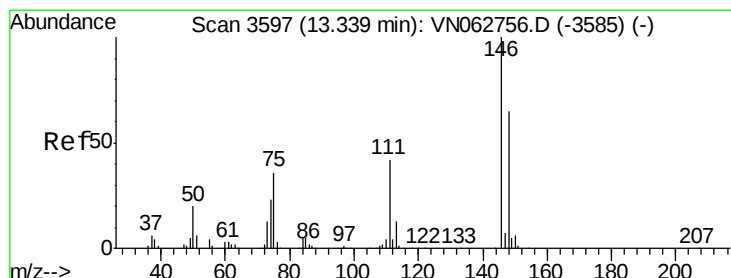
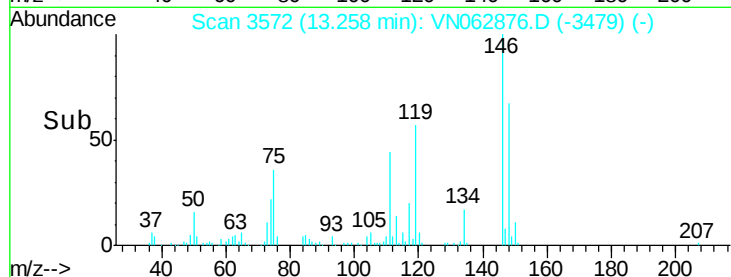
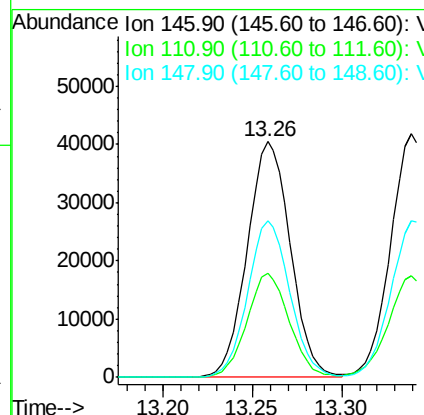
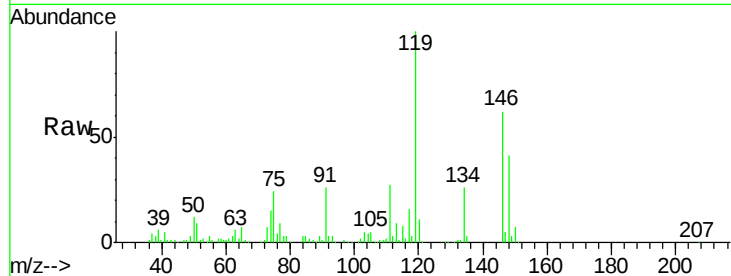
#87
 1,3-Dichlorobenzene
 Concen: 17.772 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.7	65.1
148	64.9	31.4	94.2

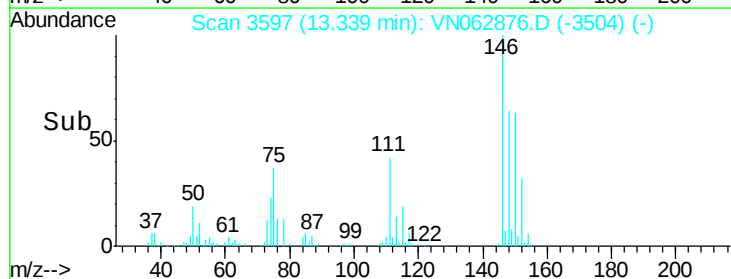
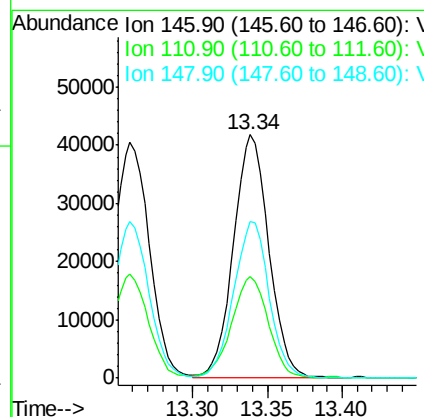
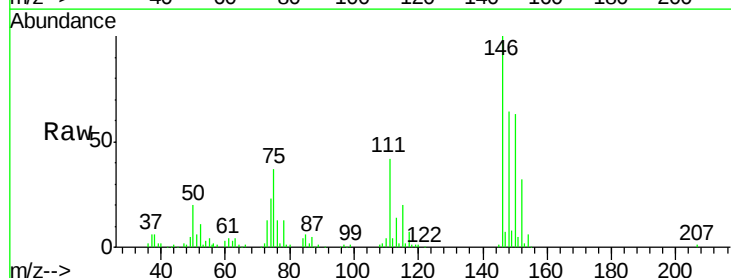
Manual Integrations
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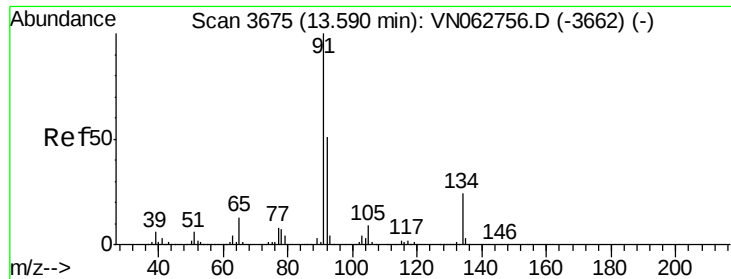
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#88
 1,4-Dichlorobenzene
 Concen: 17.905 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.6	64.6
148	64.3	32.6	97.8





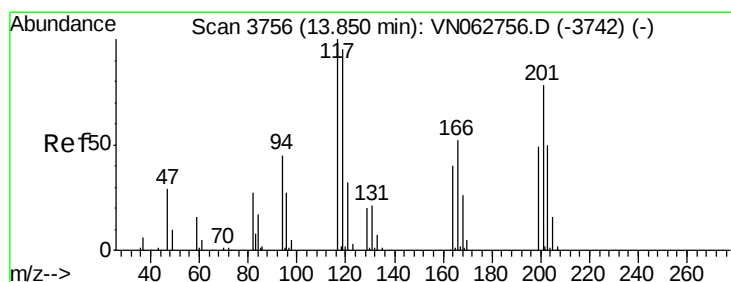
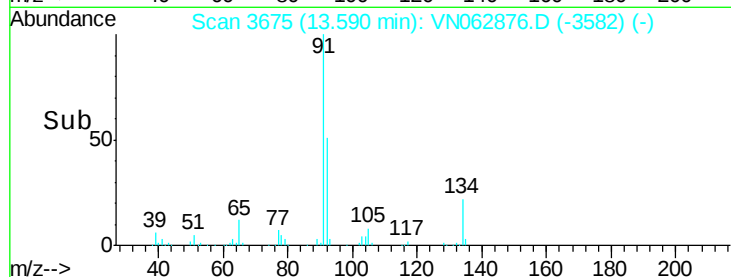
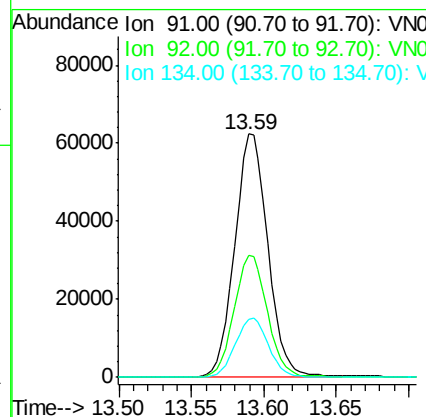
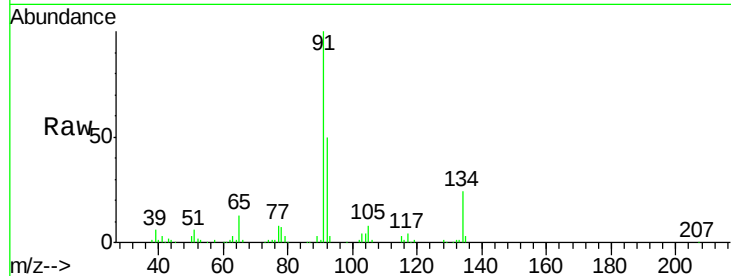
#89
n-Butylbenzene
Concen: 15.832 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0812WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.9	25.7	77.0
134	24.3	12.2	36.6

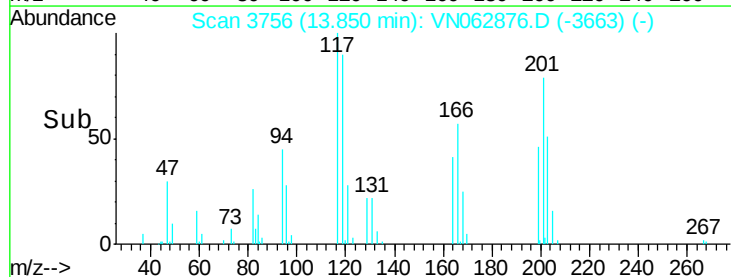
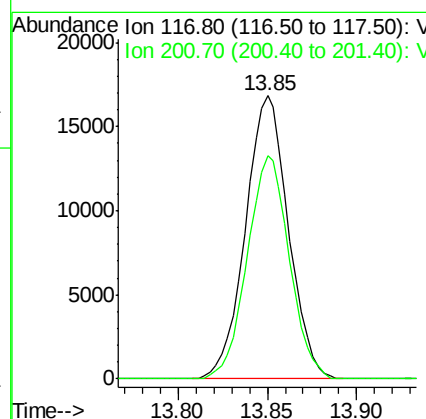
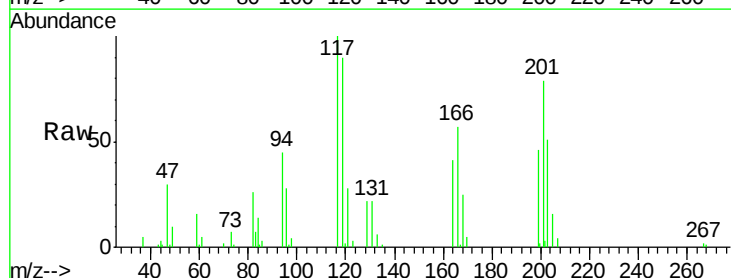
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#90
Hexachloroethane
Concen: 17.693 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062876.D
Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.3	39.2	117.6





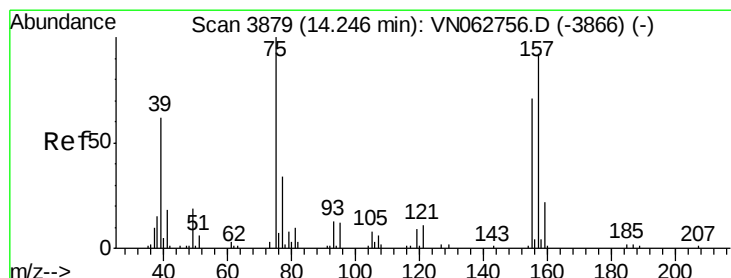
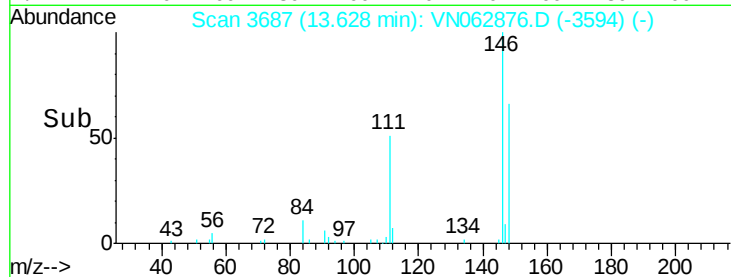
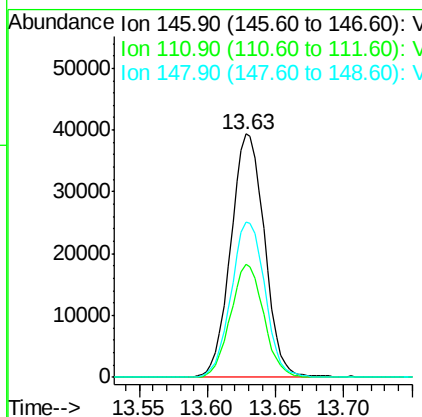
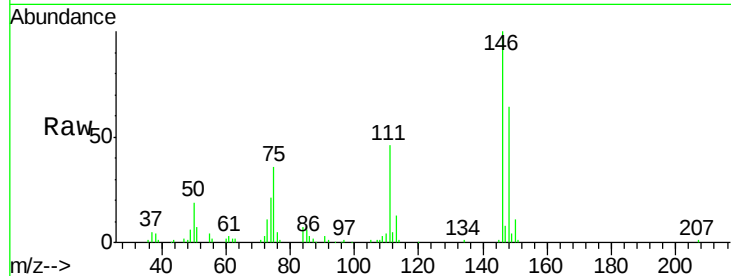
#91
 1,2-Dichlorobenzene
 Concen: 18.792 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.8	68.4
148	63.9	31.9	95.5

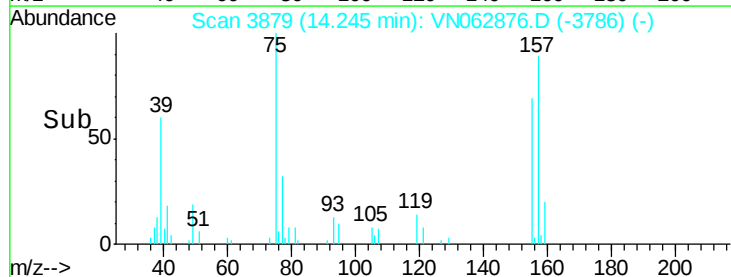
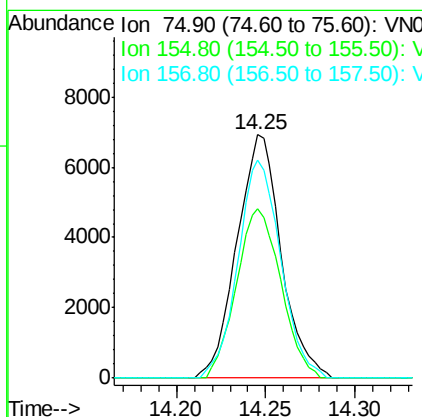
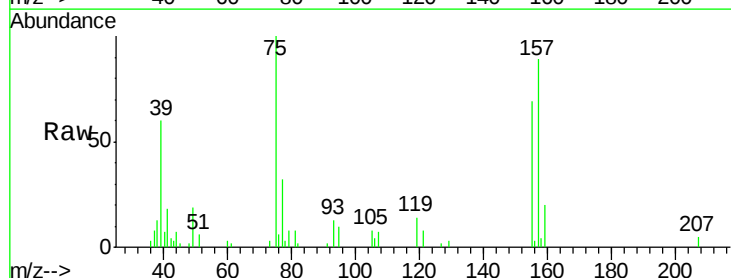
Manual Integrations
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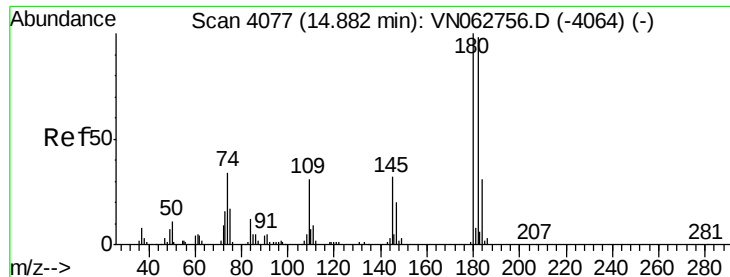
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.236 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.0	35.0	105.1
157	86.8	43.2	129.6





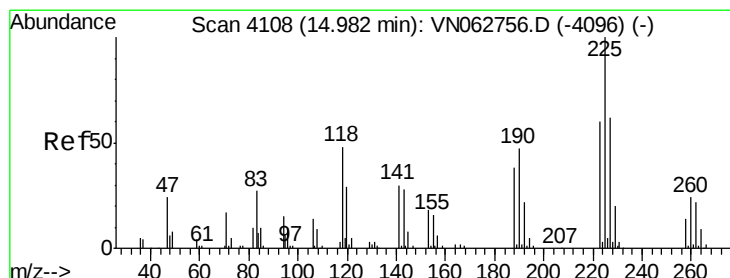
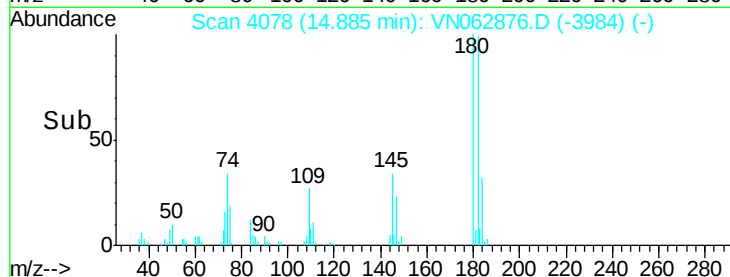
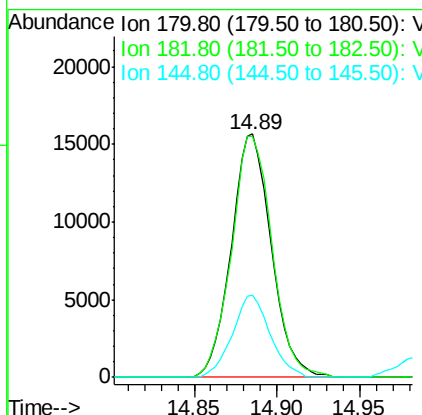
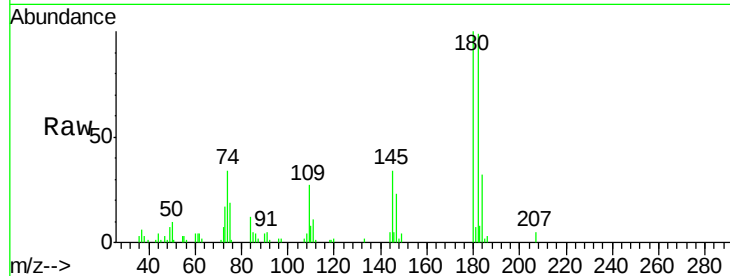
#93
 1,2,4-Trichlorobenzene
 Concen: 16.010 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0812WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	26300		
182	100.7		49.1	147.4
145	31.8		16.3	48.8

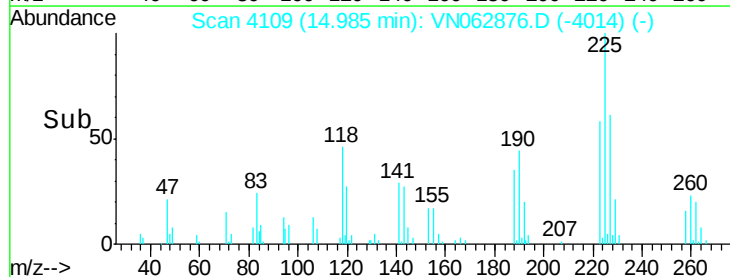
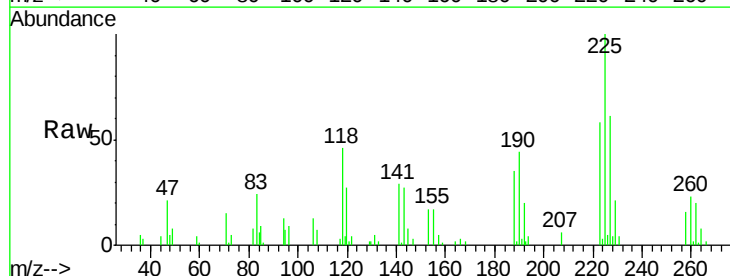
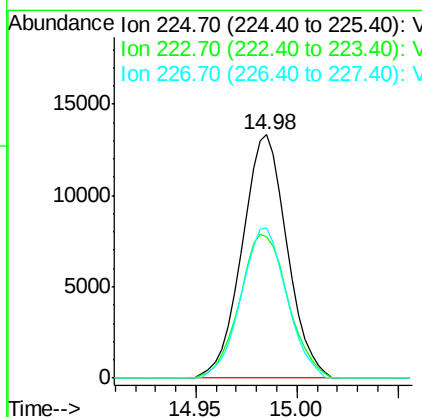
Manual Integrations
 APPROVED

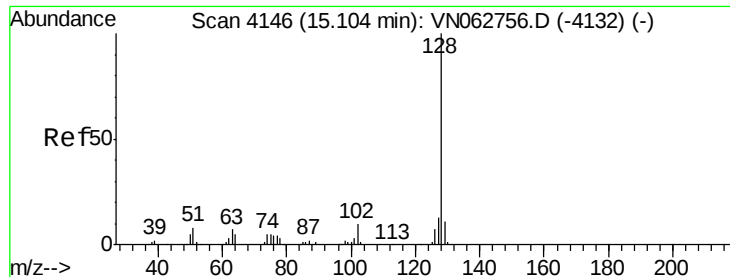
MMDadoda
 8/13/2020 10:56:12 AM



#94
 Hexachlorobutadiene
 Concen: 17.329 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062876.D
 Acq: 12 Aug 2020 23:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20799		
223	63.9		30.6	92.0
227	62.6		31.6	95.0





#95

Naphthalene

Concen: 16.086 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Instrument :

MSVOA_N

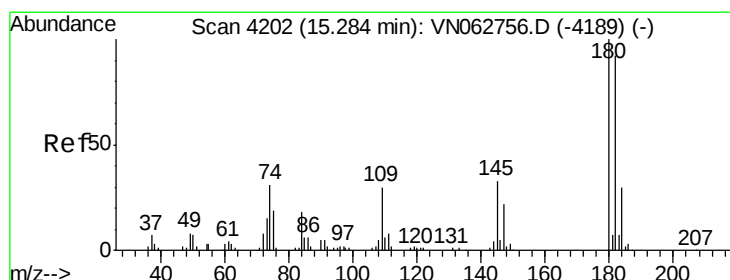
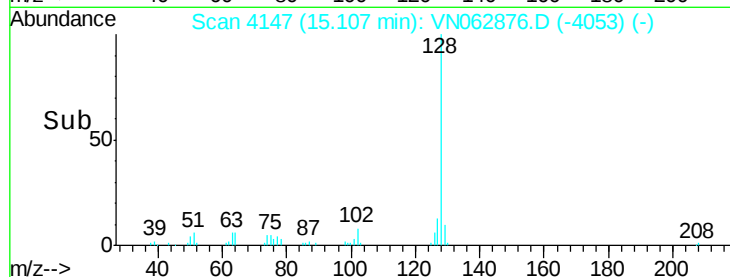
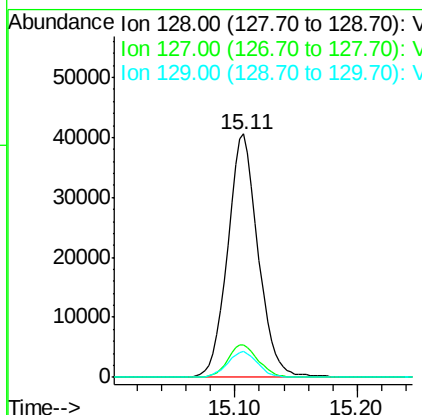
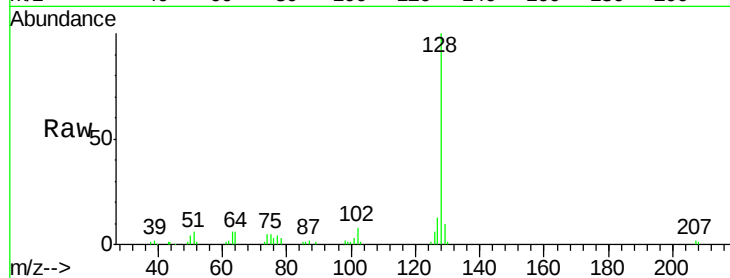
ClientSampleId :

VN0812WBS02

Tot Ion:	128	Resp:	70668
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	10.4	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/13/2020 10:56:12 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.967 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062876.D

Acq: 12 Aug 2020 23:53

Tgt Ion:	180	Resp:	28707
Ion Ratio	Lower	Upper	
180	100		
182	94.0	47.9	143.6
145	35.4	17.3	51.7

