

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064755.D
 Acq On : 20 Nov 2020 3:07
 Operator : JC/MD
 Sample : VN1119WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD02

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:36 PM

Quant Time: Nov 20 05:53:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	347344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	603078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	559641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256395	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	259105	42.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.80%	
35) Dibromofluoromethane	7.54	113	187093	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
50) Toluene-d8	10.06	98	731968	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
62) 4-Bromofluorobenzene	12.37	95	257216	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	66611	15.348	ug/l	98
3) Chloromethane	2.04	50	91676	19.102	ug/l	96
4) Vinyl Chloride	2.16	62	88652	17.703	ug/l	99
5) Bromomethane	2.54	94	58557	15.947	ug/l	97
6) Chloroethane	2.68	64	56155	16.620	ug/l #	89
7) Trichlorofluoromethane	2.99	101	125371	13.979	ug/l	95
8) Diethyl Ether	3.37	74	49714	17.179	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	72893	18.807	ug/l	97
10) Methyl Iodide	3.91	142	79446	17.147	ug/l	95
11) Tert butyl alcohol	4.73	59	56304	94.979	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	67664	18.119	ug/l	95
13) Acrolein	3.56	56	13774	99.244	ug/l	92
14) Allyl chloride	4.27	41	122632	19.125	ug/l #	86
15) Acrylonitrile	4.93	53	179141	102.915	ug/l	97
16) Acetone	3.77	43	158669	110.216	ug/l	93
17) Carbon Disulfide	4.00	76	200052	18.504	ug/l	100
18) Methyl Acetate	4.28	43	88213	20.482	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	227668	18.220	ug/l	97
20) Methylene Chloride	4.50	84	86843	19.193	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	75852	18.204	ug/l	96
22) Diisopropyl ether	5.90	45	268320	19.815	ug/l	95
23) Vinyl Acetate	5.84	43	1045679	95.686	ug/l	99
24) 1,1-Dichloroethane	5.79	63	151251	19.065	ug/l	99
25) 2-Butanone	6.78	43	230790	98.792	ug/l	100
26) 2,2-Dichloropropane	6.77	77	111188	14.749	ug/l	98
27) cis-1,2-Dichloroethene	6.77	96	84990	18.501	ug/l	97
28) Bromochloromethane	7.14	49	76282	19.070	ug/l	100
29) Tetrahydrofuran	7.16	42	154478	97.868	ug/l	99
30) Chloroform	7.32	83	153200	17.770	ug/l	97
31) Cyclohexane	7.61	56	117030	17.716	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	132111	16.765	ug/l	98
36) 1,1-Dichloropropene	7.75	75	109323	17.620	ug/l	97
37) Ethyl Acetate	6.88	43	107270	20.648	ug/l	99
38) Carbon Tetrachloride	7.73	117	113999	17.289	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	96742	17.597	ug/l	96
40) Benzene	8.00	78	336914	19.489	ug/l	97
41) Methacrylonitrile	7.12	41	48881	20.528	ug/l	91
42) 1,2-Dichloroethane	8.08	62	127640	17.160	ug/l	97
43) Isopropyl Acetate	8.12	43	174286	17.308	ug/l	97
44) Trichloroethene	8.80	130	90803	18.302	ug/l	99
45) 1,2-Dichloropropane	9.08	63	91541	19.865	ug/l	95
46) Dibromomethane	9.17	93	59009	18.065	ug/l	91
47) Bromodichloromethane	9.36	83	120426	17.537	ug/l	97
48) Methyl methacrylate	9.16	41	84791	17.846	ug/l	92
49) 1,4-Dioxane	9.16	88	24424	412.019	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	504175	87.036	ug/l	97
52) Toluene	10.12	92	203016	19.067	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	121754	16.567	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	140937	18.624	ug/l #	87
55) 1,1,2-Trichloroethane	10.53	97	79360	18.583	ug/l	96
56) Ethyl methacrylate	10.40	69	106652	17.075	ug/l #	92
57) 1,3-Dichloropropane	10.68	76	140270	18.961	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	307974	89.354	ug/l	99
59) 2-Hexanone	10.72	43	351756	84.551	ug/l	96
60) Dibromochloromethane	10.87	129	89333	18.106	ug/l	99
61) 1,2-Dibromoethane	10.97	107	84650	18.584	ug/l	99
64) Tetrachloroethene	10.60	164	95258	19.200	ug/l	97
65) Chlorobenzene	11.40	112	216436	18.181	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	80115	18.011	ug/l	99
67) Ethyl Benzene	11.48	91	364023	17.343	ug/l	98
68) m/p-Xylenes	11.59	106	274494	34.959	ug/l	95
69) o-Xylene	11.92	106	129283	17.655	ug/l	97
70) Styrene	11.94	104	222642	17.335	ug/l	98
71) Bromoform	12.10	173	56863	18.087	ug/l #	99
73) Isopropylbenzene	12.22	105	330243	18.141	ug/l	99
74) N-amyl acetate	12.04	43	145428	17.106	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	96336	18.928	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	109709m	19.859	ug/l	
77) Bromobenzene	12.50	156	88086	19.185	ug/l	94
78) n-propylbenzene	12.56	91	384574	18.140	ug/l	100
79) 2-Chlorotoluene	12.65	91	242108	17.843	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	280553	18.553	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	32975	16.441	ug/l	92
82) 4-Chlorotoluene	12.74	91	257997	17.832	ug/l	98
83) tert-Butylbenzene	12.96	119	214889	18.369	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	284675	18.445	ug/l	99
85) sec-Butylbenzene	13.14	105	285406	18.304	ug/l	97
86) p-Isopropyltoluene	13.26	119	255447	17.813	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	156352	18.690	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	157506	18.339	ug/l	98
89) n-Butylbenzene	13.59	91	224320	16.756	ug/l	99
90) Hexachloroethane	13.85	117	45796	19.317	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	153334	18.754	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21847	16.358	ug/l	92

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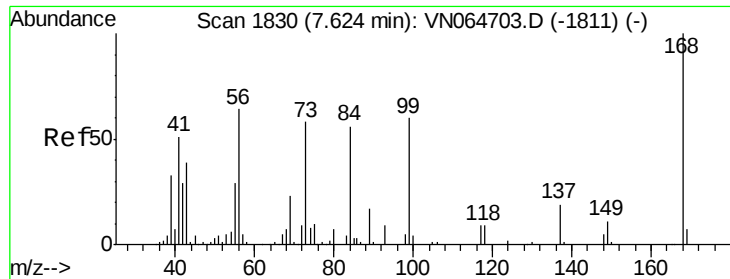
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	77652	18.321	ug/l	98
94) Hexachlorobutadiene	14.98	225	35256	19.046	ug/l	98
95) Naphthalene	15.10	128	240434	16.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	74724	18.009	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion:168 Resp: 347344

Ion Ratio Lower Upper

168 100

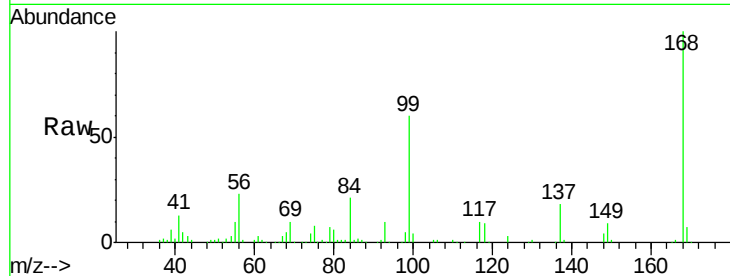
99 60.2 55.7 83.5

Manual Integrations

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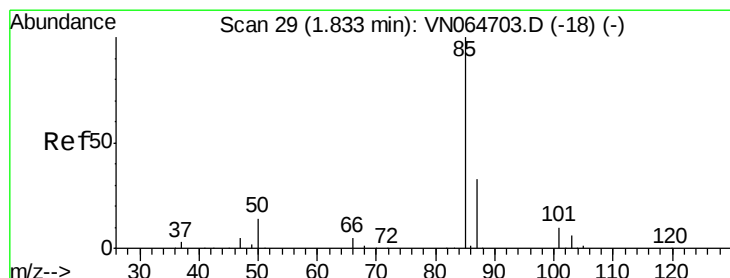
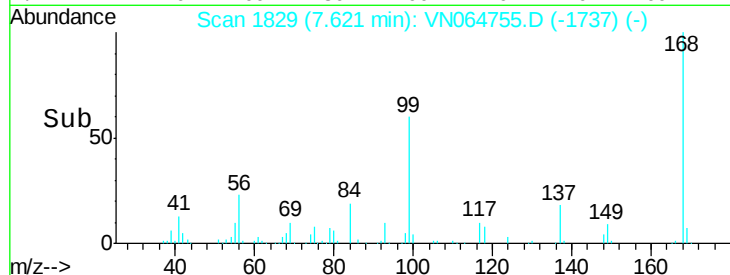
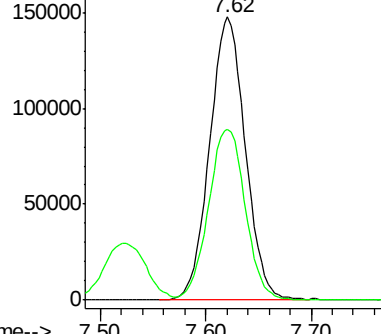
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 15.348 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064755.D

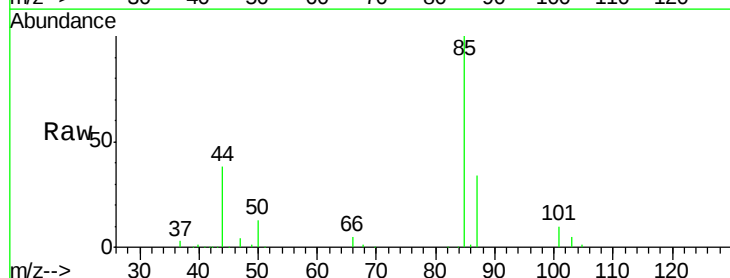
Acq: 20 Nov 2020 3:07

Tgt Ion: 85 Resp: 66611

Ion Ratio Lower Upper

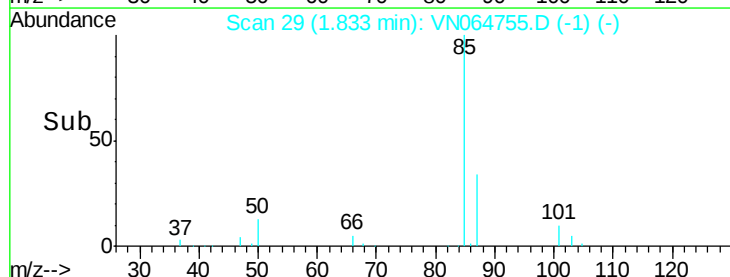
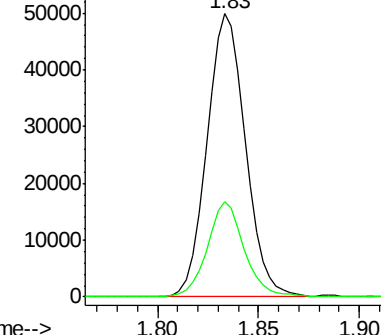
85 100

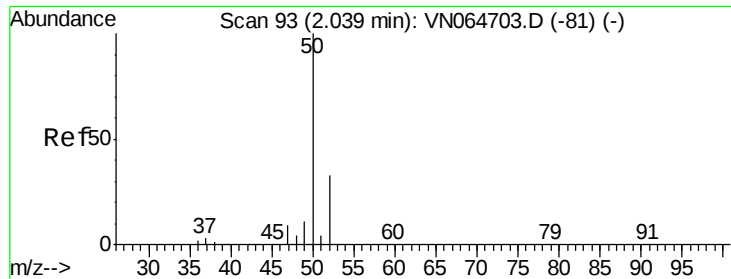
87 33.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 19.102 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 50 Resp: 91676

Ion Ratio Lower Upper

50 100

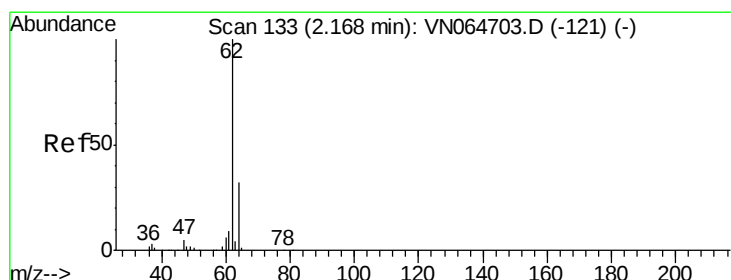
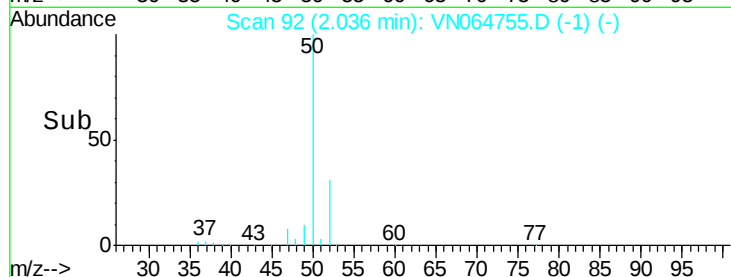
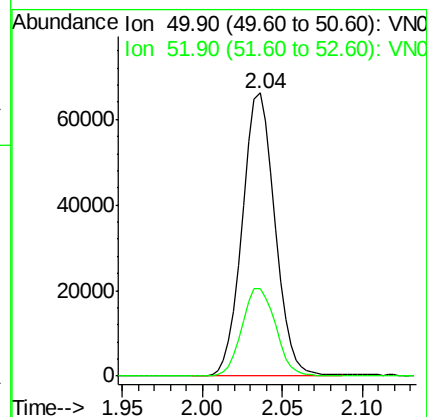
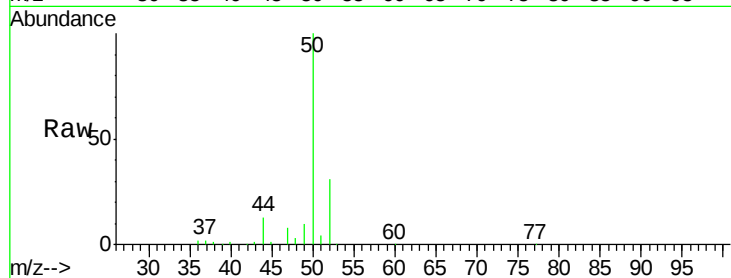
52 30.8 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.703 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064755.D

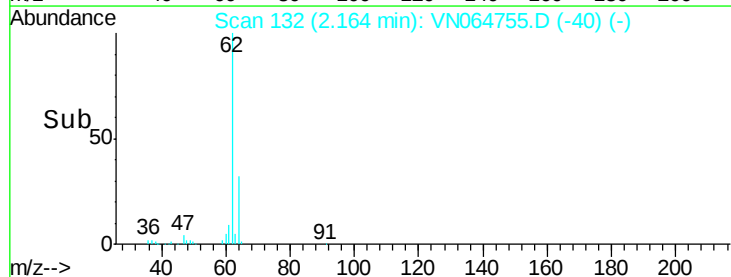
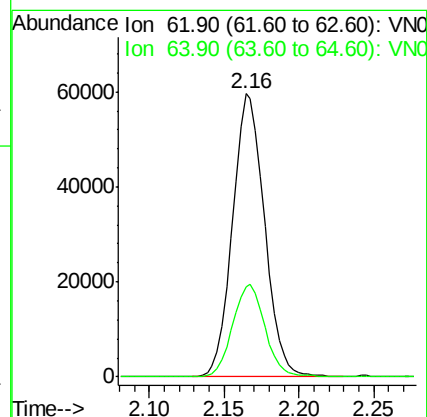
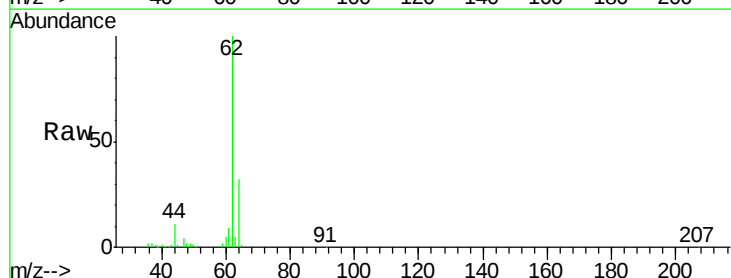
Acq: 20 Nov 2020 3:07

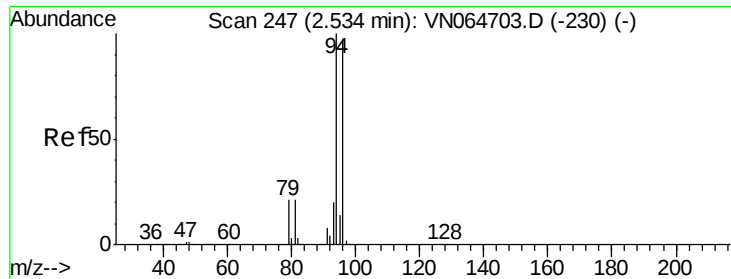
Tgt Ion: 62 Resp: 88652

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 15.947 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

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Tot Ion: 94 Resp: 58557

Ion Ratio Lower Upper

94 100

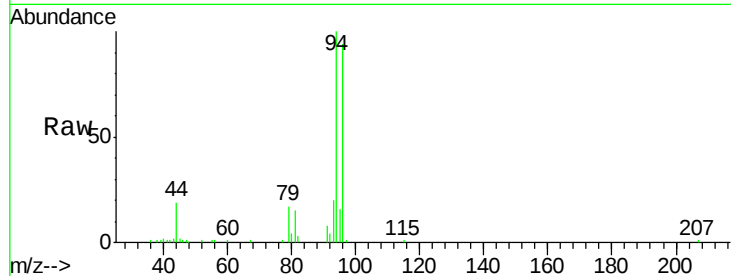
96 94.3 77.8 116.8

Manual Integrations

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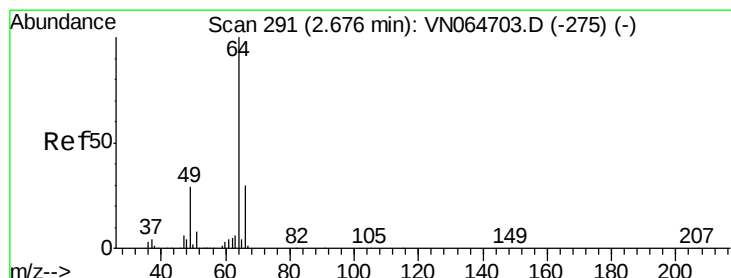
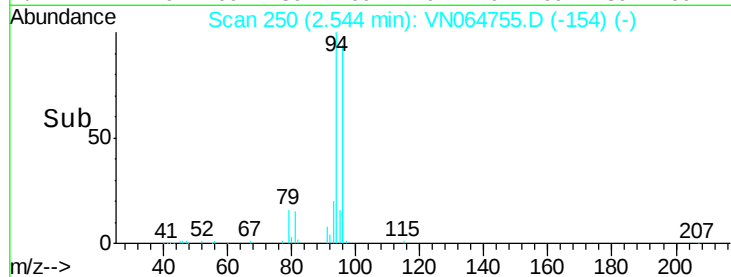
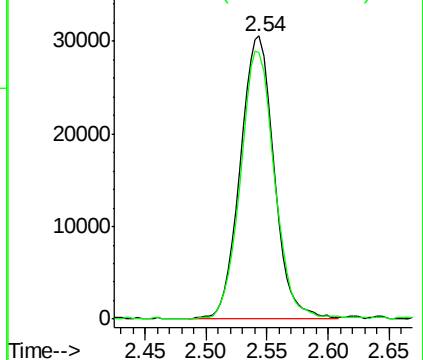
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.620 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064755.D

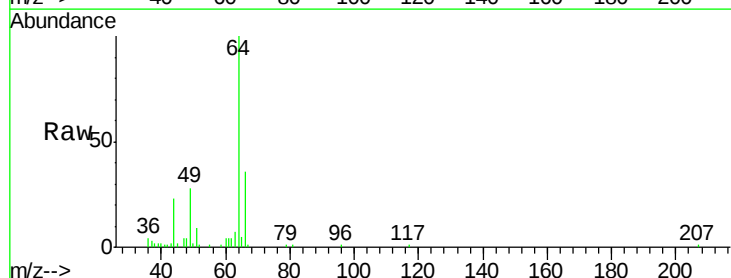
Acq: 20 Nov 2020 3:07

Tgt Ion: 64 Resp: 56155

Ion Ratio Lower Upper

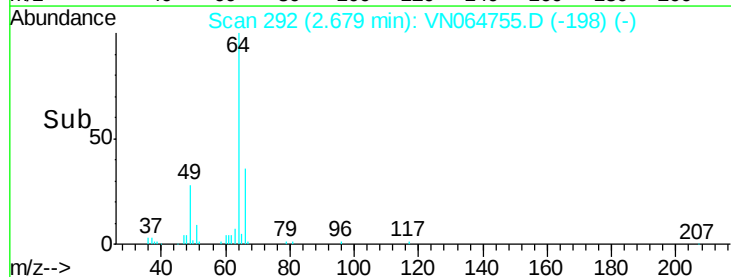
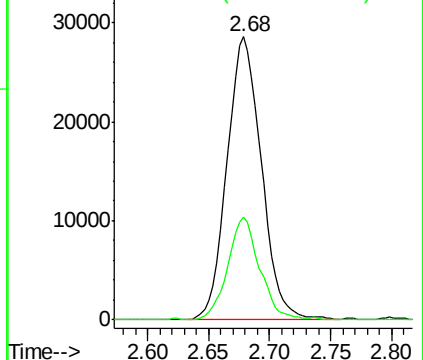
64 100

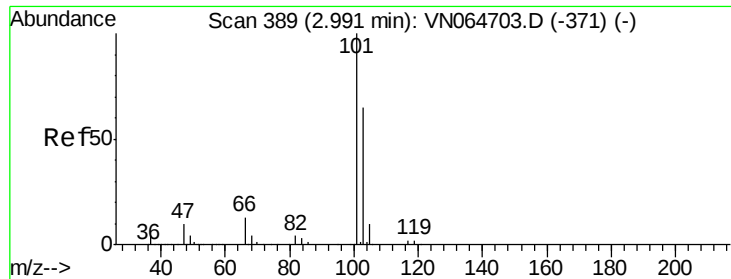
66 36.2 24.2 36.2#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

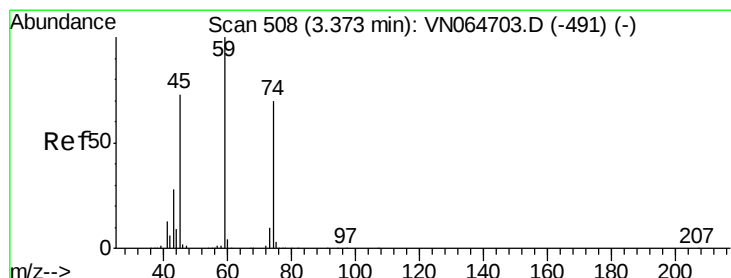
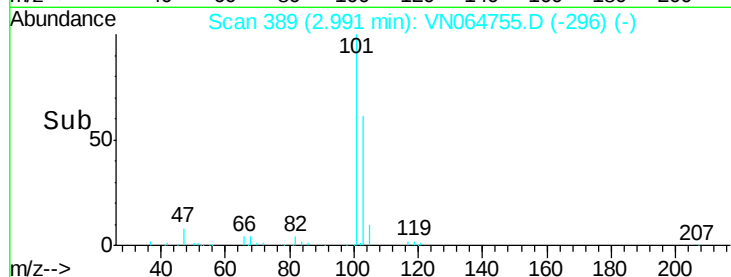
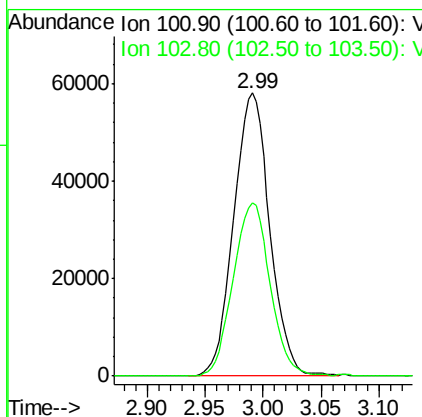
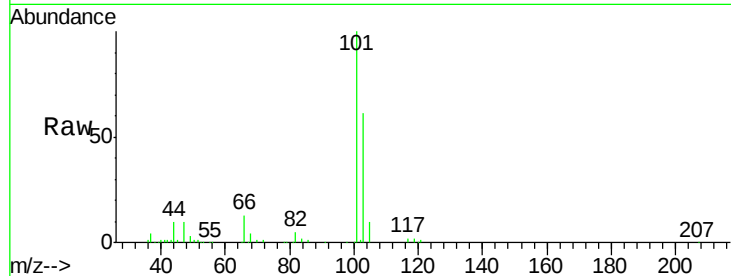
Trichlorofluoromethane
Concen: 13.979 ug/l
RT: 2.99 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN064755.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.0	51.8	77.6

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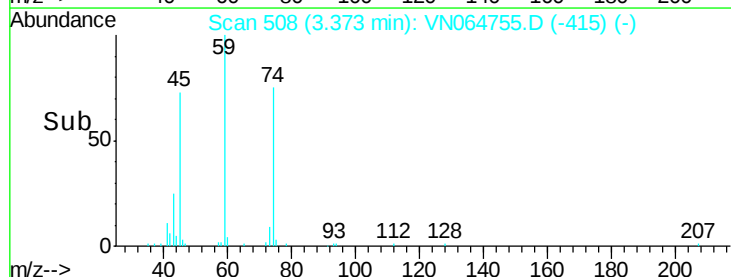
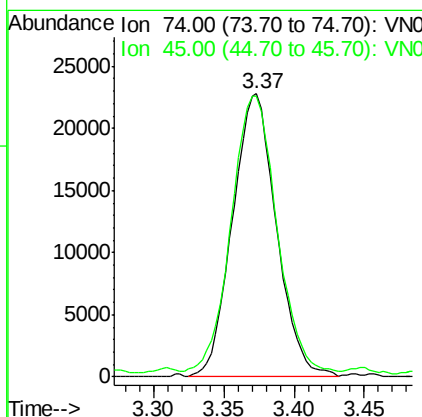
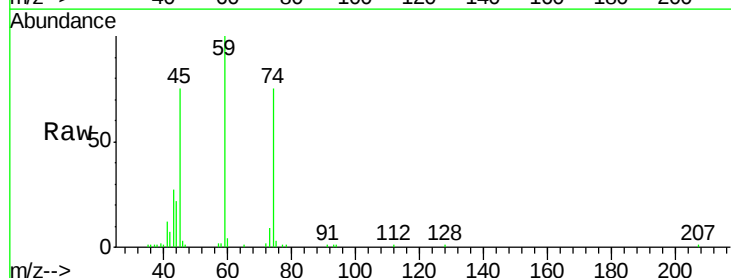
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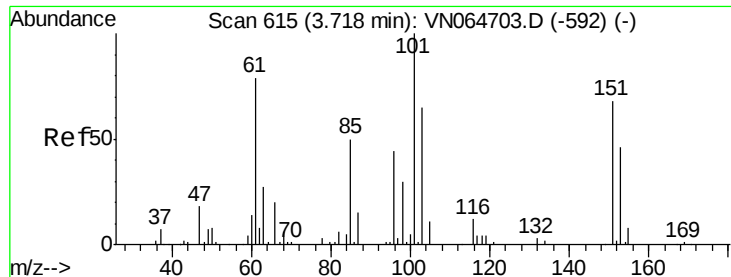


#8

Diethyl Ether
Concen: 17.179 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.0	52.8	158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.807 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

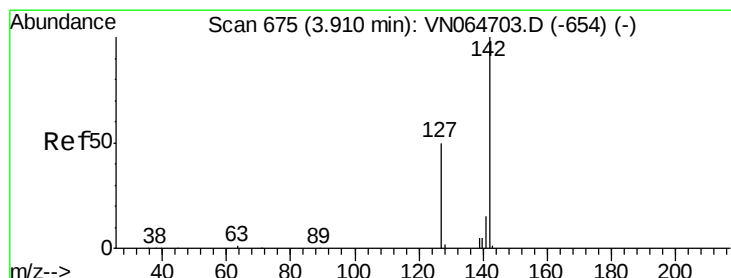
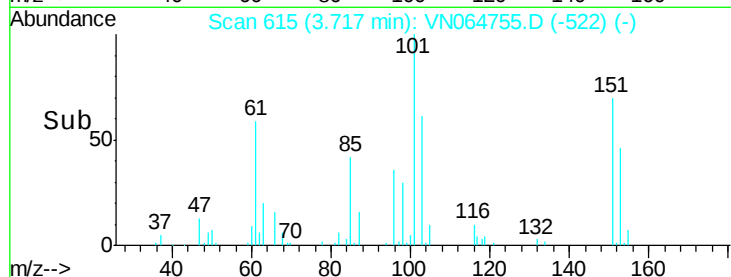
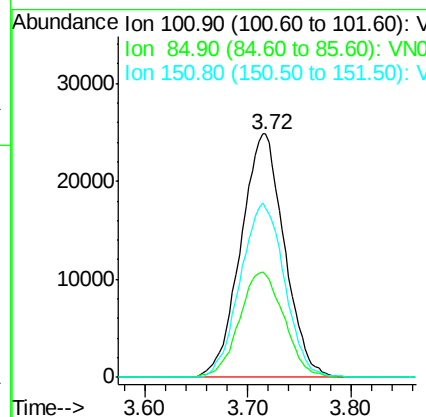
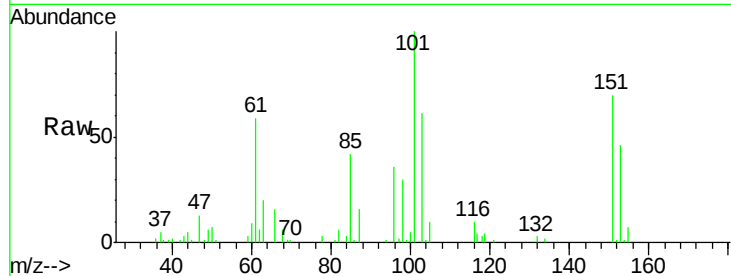
ClientSampleId :

VN1119WBSD02

Tot Ion:	101	Resp:	72893
Ion Ratio	Lower	Upper	
101	100		
85	44.3	39.0	58.4
151	72.5	57.2	85.8

Manual Integrations
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#10

Methyl Iodide

Concen: 17.147 ug/l

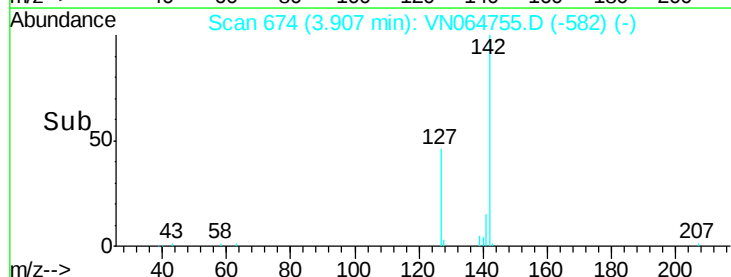
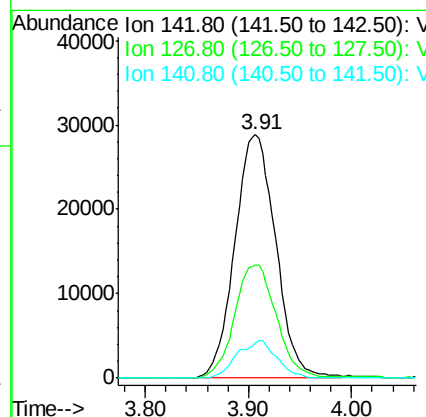
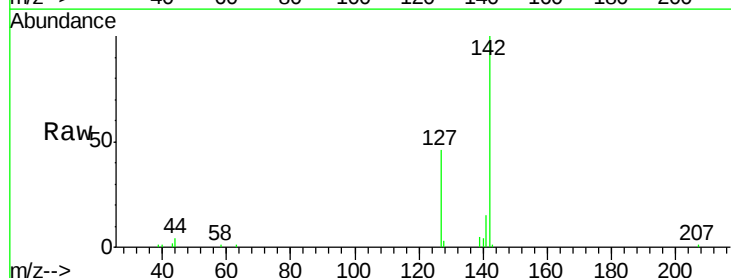
RT: 3.91 min Scan# 674

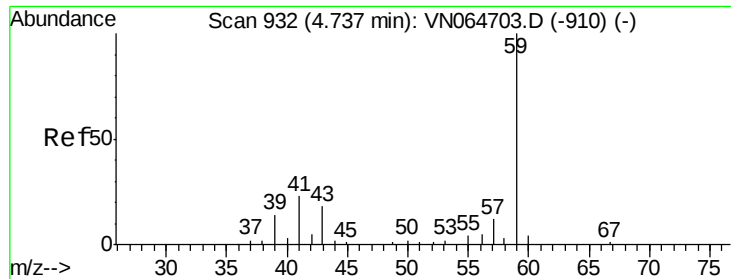
Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Tgt Ion:	142	Resp:	79446
Ion Ratio	Lower	Upper	
142	100		
127	47.6	42.0	63.0
141	15.0	12.1	18.1





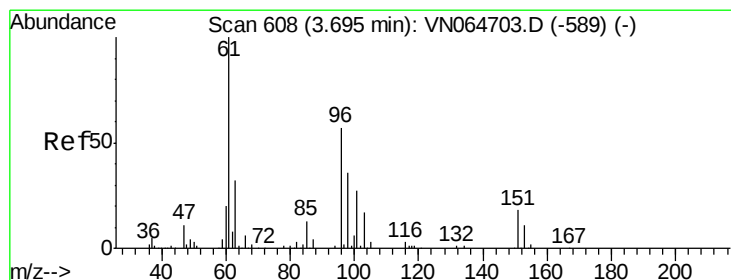
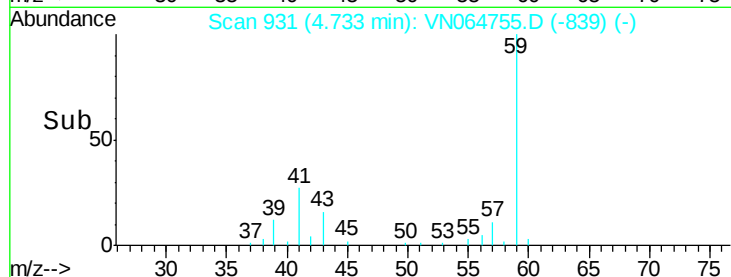
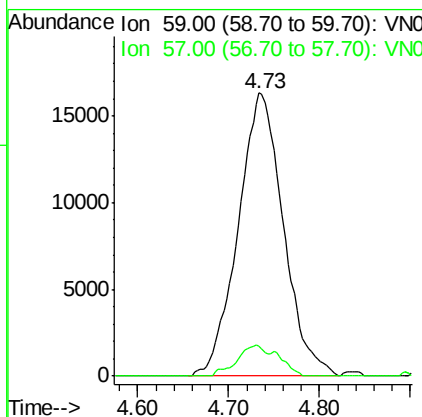
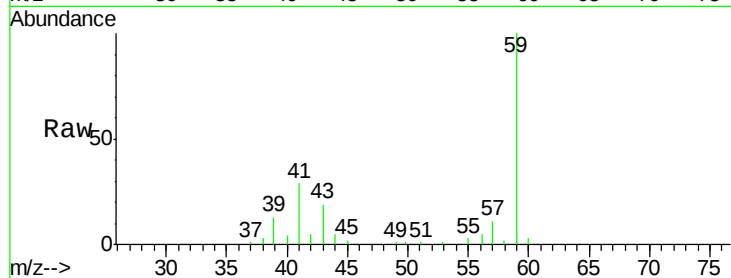
#11
Tert butyl alcohol
Concen: 94.979 ug/l
RT: 4.73 min Scan# 931
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion: 59 Resp: 56304
Ion Ratio Lower Upper
59 100
57 7.3 9.1 13.7#

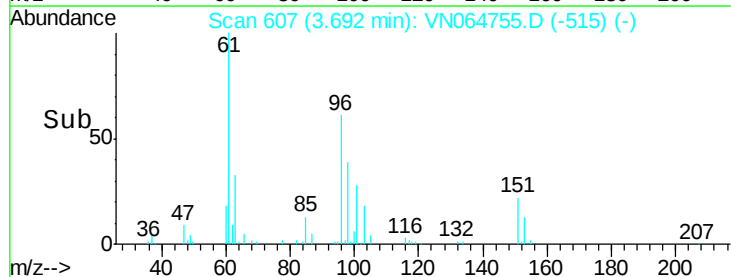
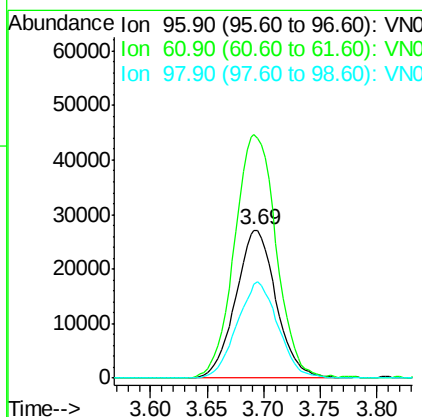
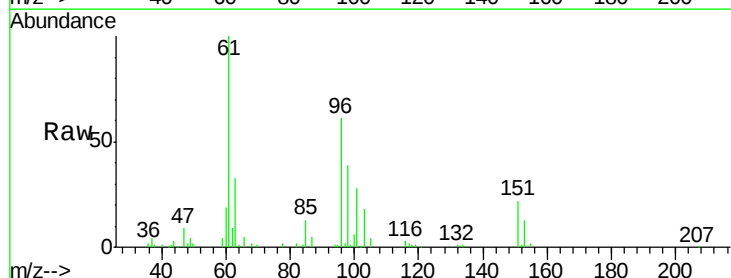
Manual Integrations
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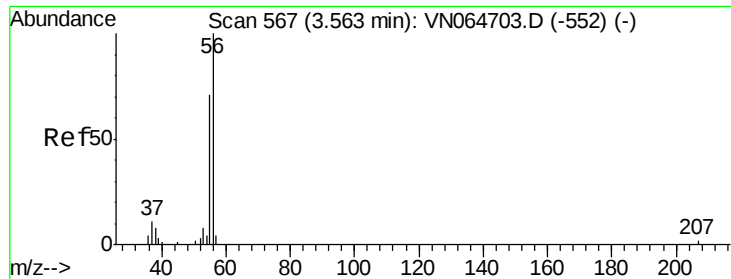
MMDadoda
11/24/2020 3:11:36 PM



#12
1,1-Dichloroethene
Concen: 18.119 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion: 96 Resp: 67664
Ion Ratio Lower Upper
96 100
61 164.6 139.1 208.7
98 63.7 50.2 75.2





#13

Acrolein

Concen: 99.244 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 56 Resp: 13774

Ion Ratio Lower Upper

56 100

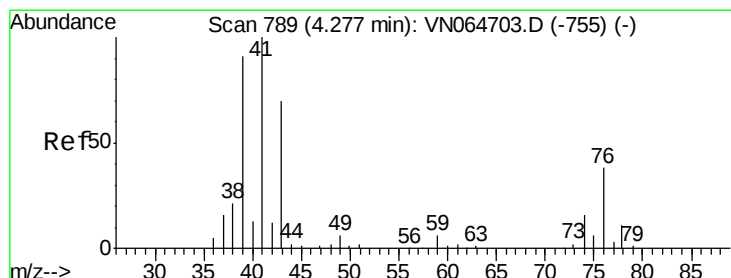
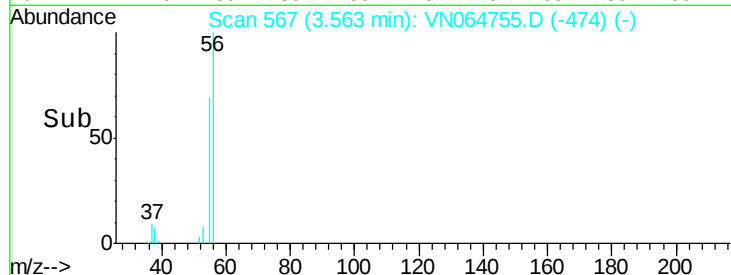
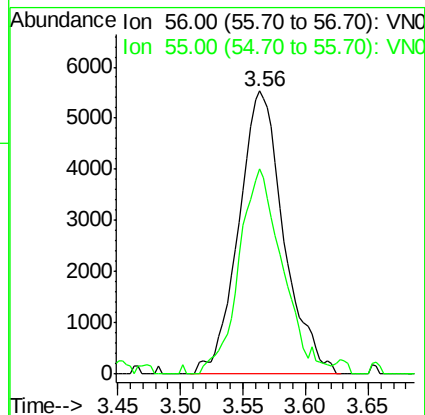
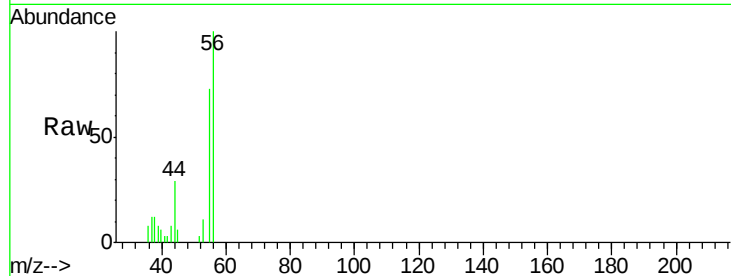
55 70.5 61.8 92.6

Manual Integrations

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#14

Allyl chloride

Concen: 19.125 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

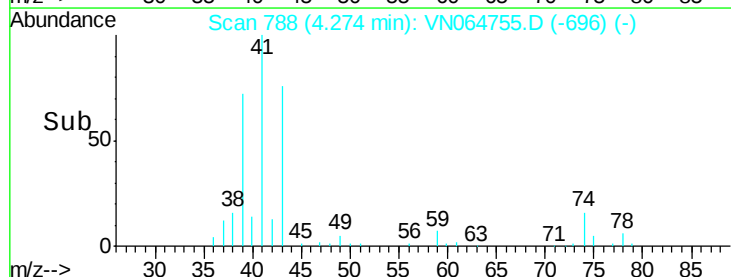
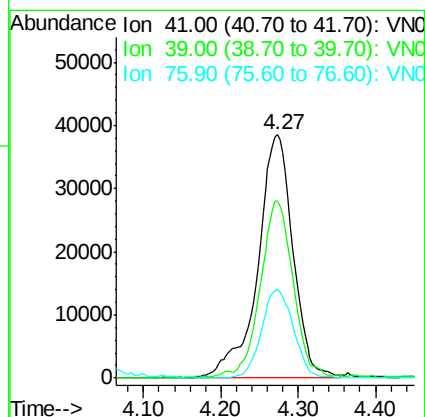
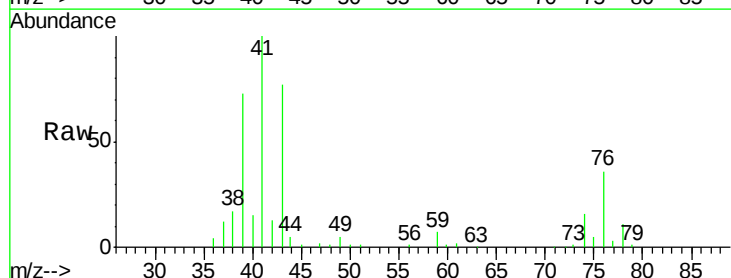
Tgt Ion: 41 Resp: 122632

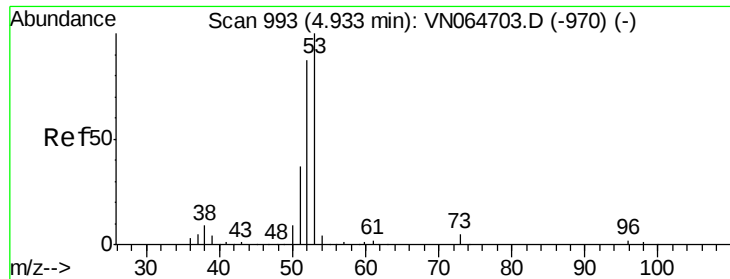
Ion Ratio Lower Upper

41 100

39 65.1 66.1 99.1#

76 32.8 26.6 40.0





#15

Acrylonitrile

Concen: 102.915 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

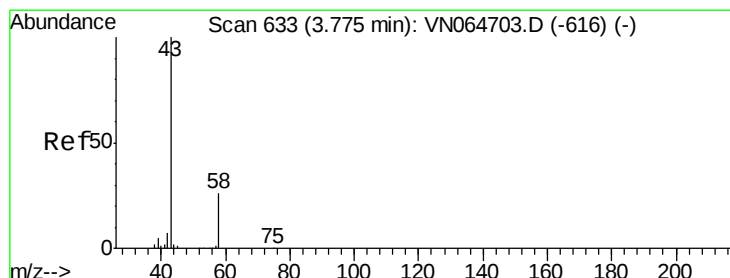
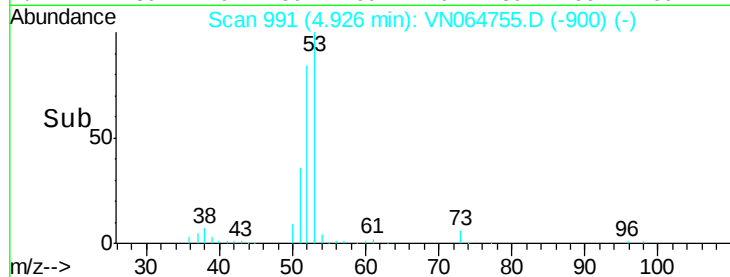
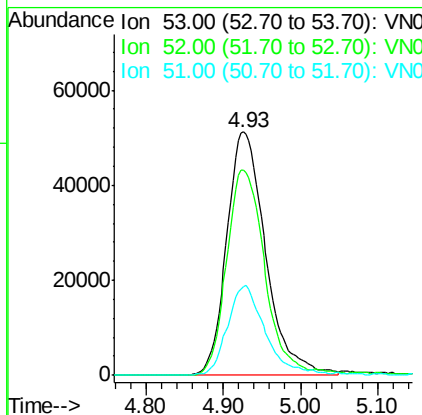
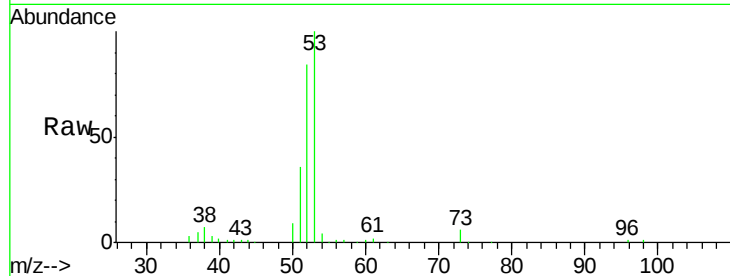
ClientSampleId :

VN1119WBSD02

Tot Ion:	53	Resp:	179141
Ion Ratio	Lower	Upper	
53	100		
52	81.8	67.2	100.8
51	35.8	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 110.216 ug/l

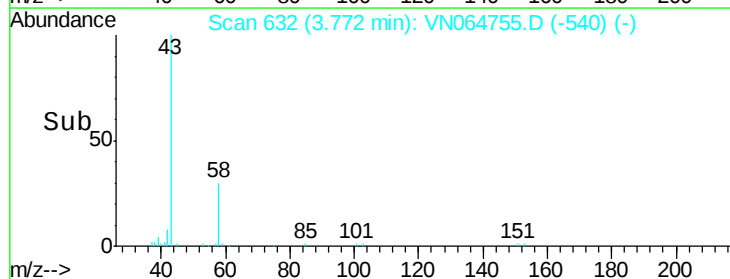
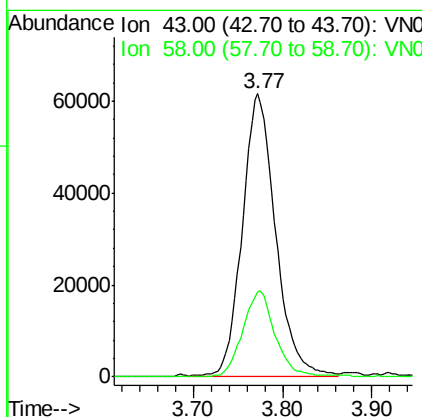
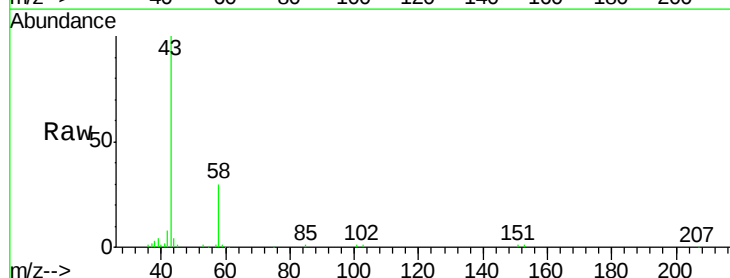
RT: 3.77 min Scan# 632

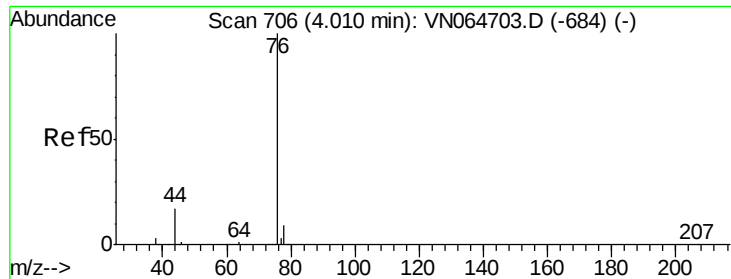
Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Tgt Ion:	43	Resp:	158669
Ion Ratio	Lower	Upper	
43	100		
58	30.3	21.2	31.8





#17

Carbon Disulfide

Concen: 18.504 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 76 Resp: 200052

Ion Ratio Lower Upper

76 100

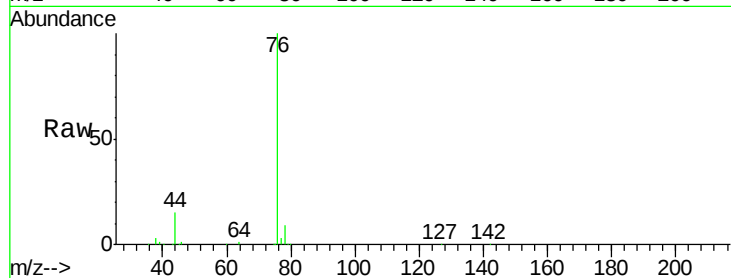
78 8.7 7.1 10.7

Manual Integrations

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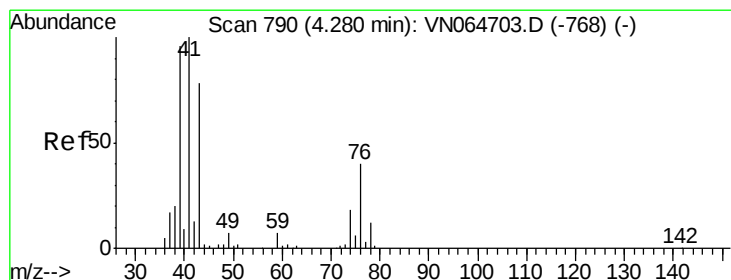
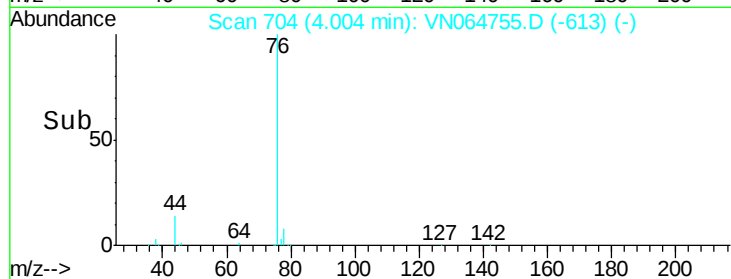
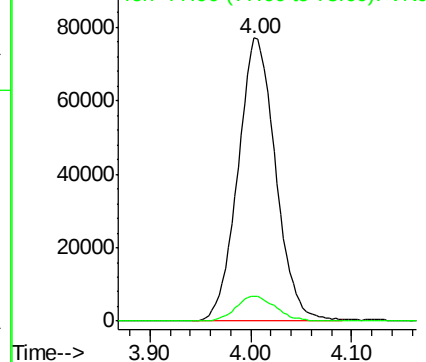
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.482 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064755.D

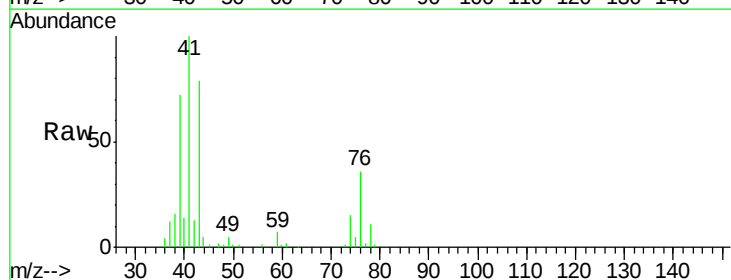
Acq: 20 Nov 2020 3:07

Tgt Ion: 43 Resp: 88213

Ion Ratio Lower Upper

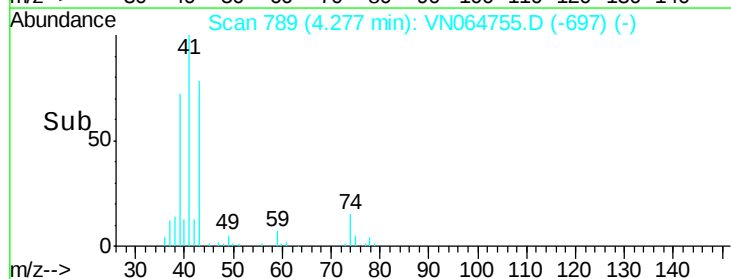
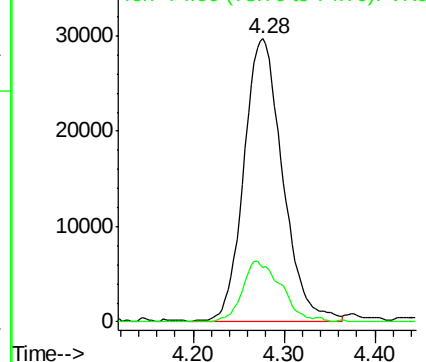
43 100

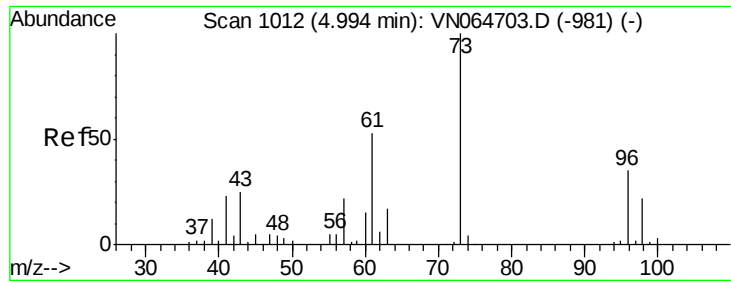
74 21.2 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





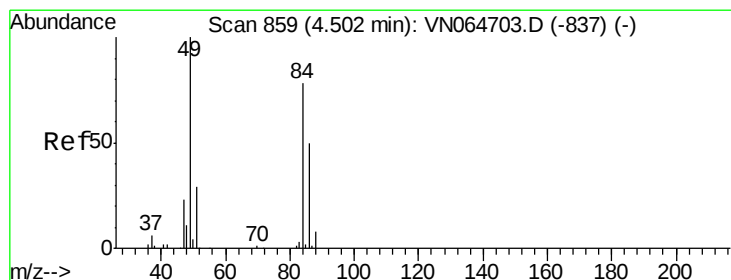
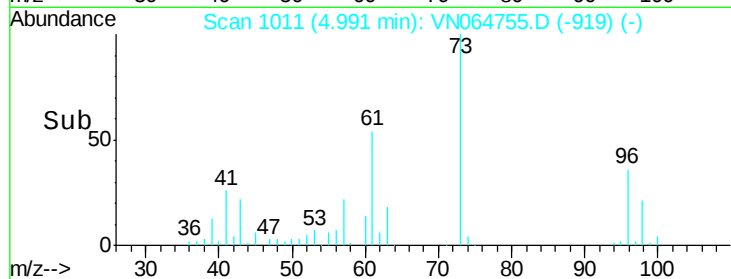
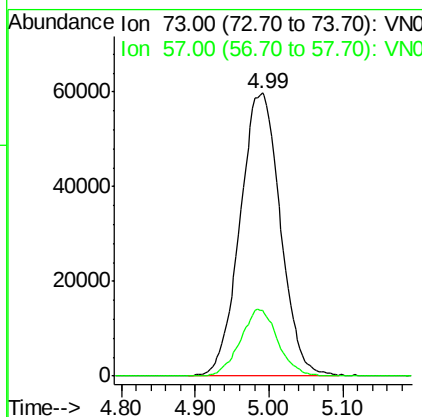
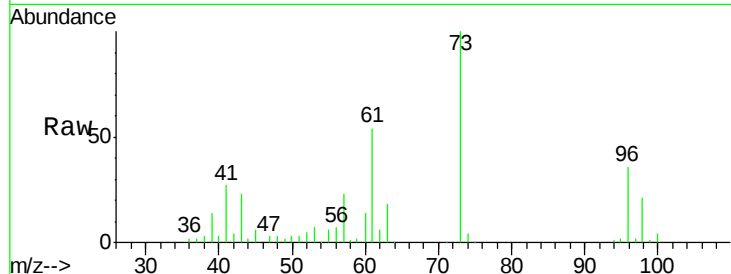
#19
Methvl tert-butvl Ether
Concen: 18.220 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion: 73 Resp: 227668
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9

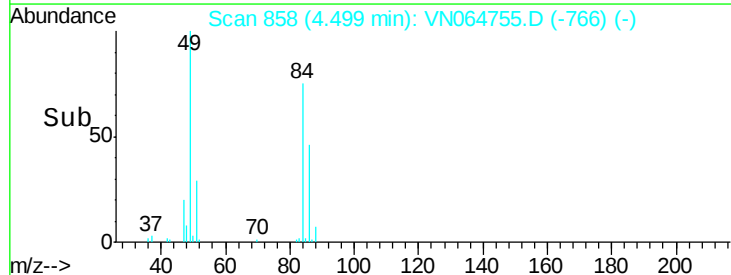
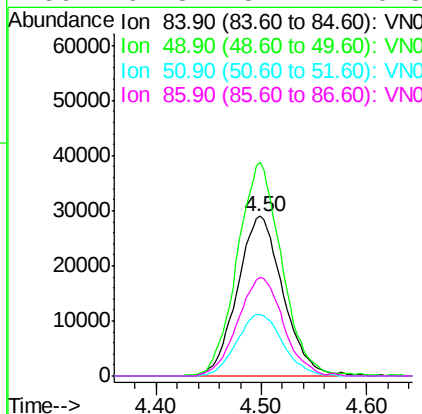
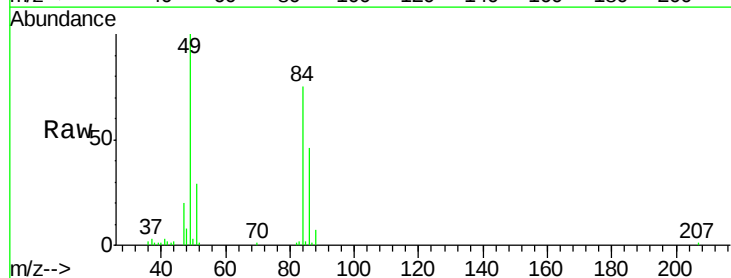
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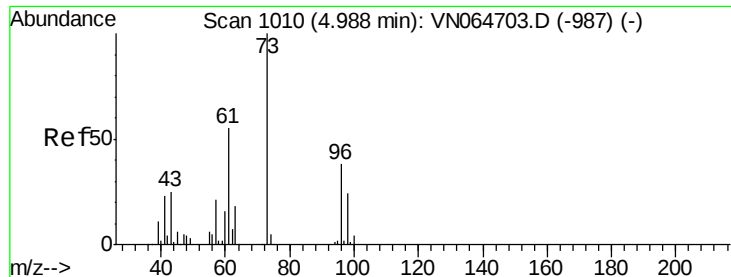
MMDadoda
11/24/2020 3:11:36 PM



#20
Methylene Chloride
Concen: 19.193 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion: 84 Resp: 86843
Ion Ratio Lower Upper
84 100
49 133.0 102.4 153.6
51 38.2 29.4 44.2
86 61.3 51.2 76.8





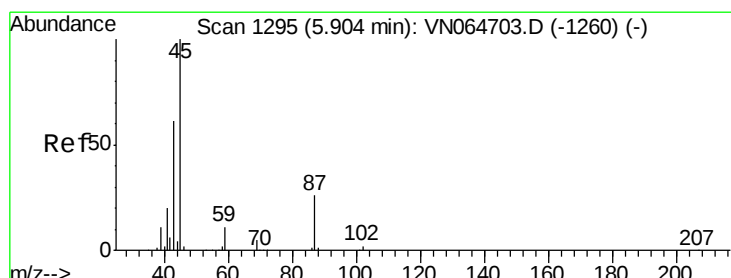
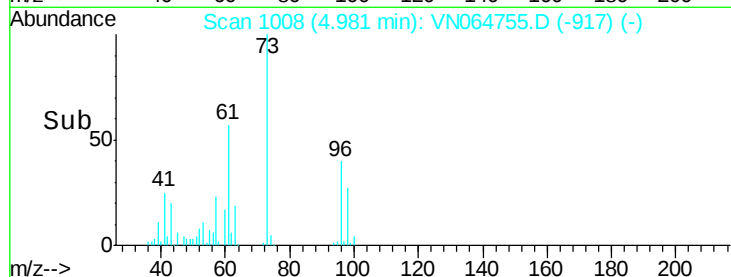
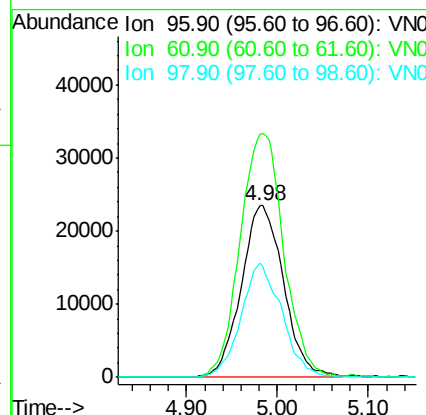
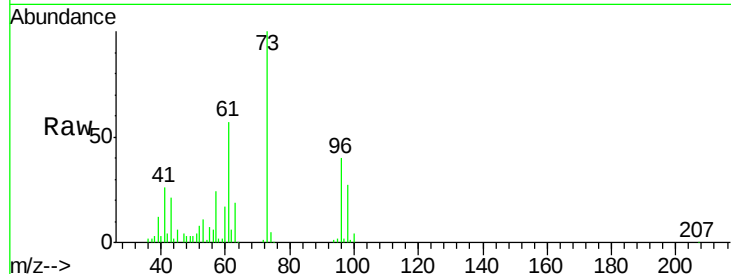
#21
trans-1,2-Dichloroethene
Concen: 18.204 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	117.9	176.9
98	66.5	51.1	76.7

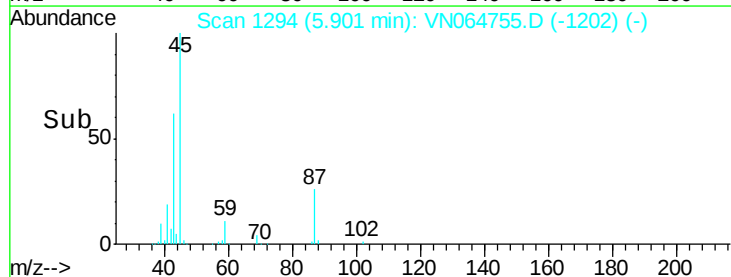
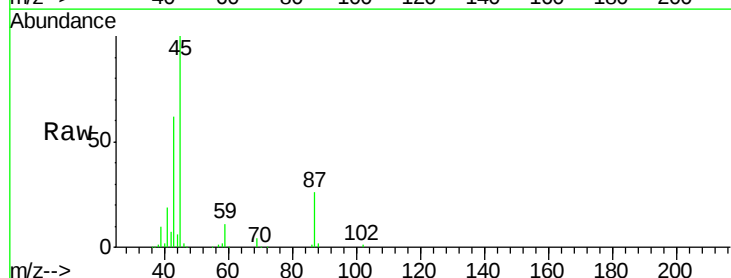
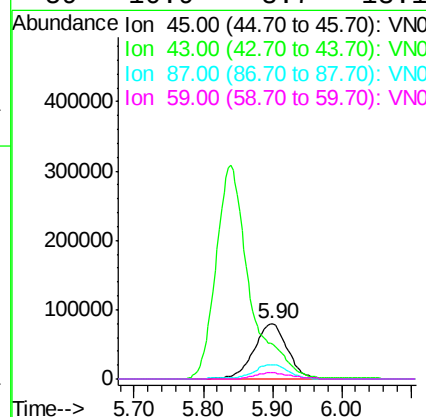
Manual Integrations
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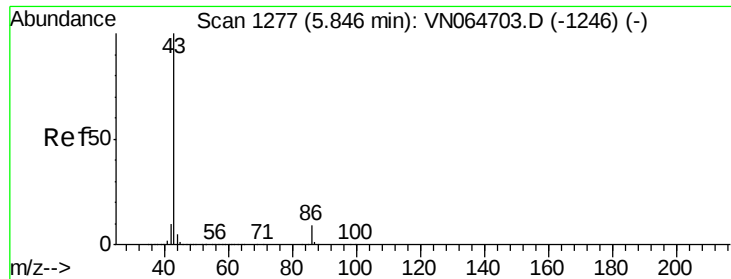
MMDadoda
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#22
Diisopropyl ether
Concen: 19.815 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.8	52.3	78.5
87	25.8	21.6	32.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 95.686 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 43 Resp: 1045679

Ion Ratio Lower Upper

43 100

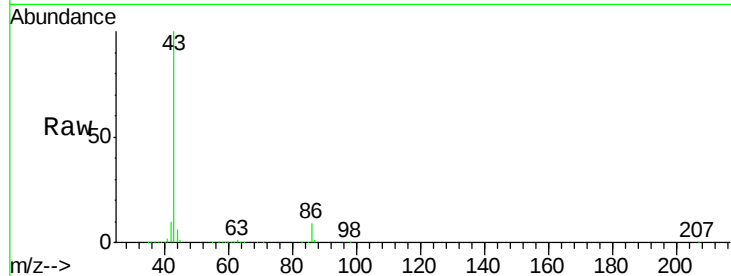
86 8.7 7.4 11.0

Manual Integrations

APPROVED

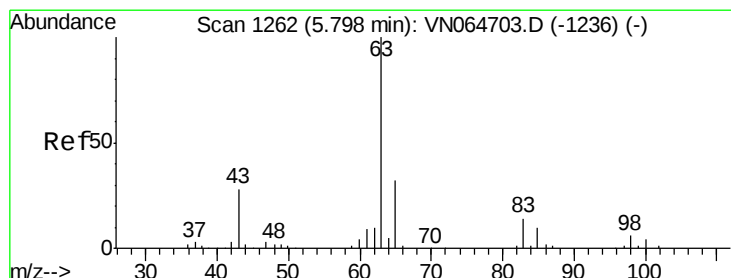
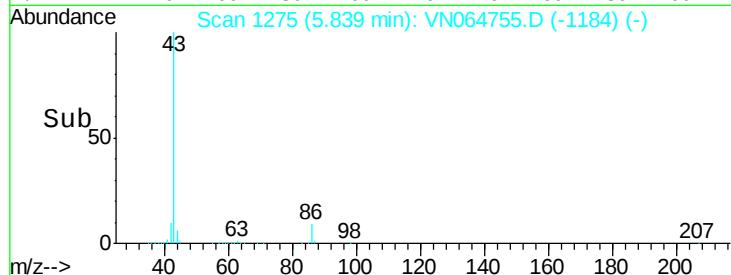
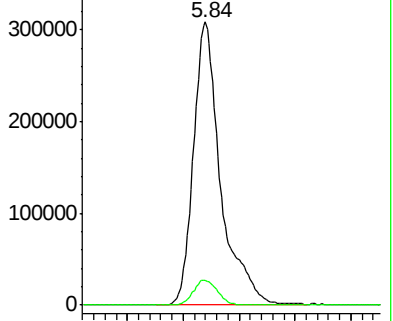
MMDadoda

11/24/2020 3:11:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.065 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

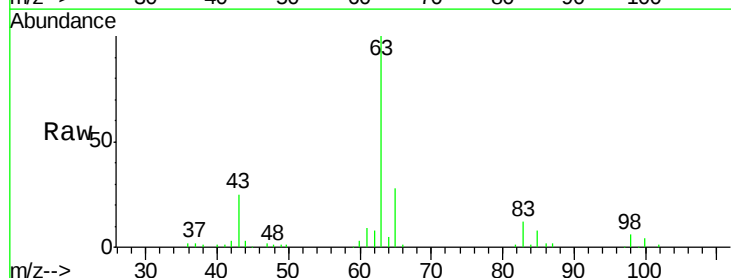
Tgt Ion: 63 Resp: 151251

Ion Ratio Lower Upper

63 100

98 5.9 3.2 9.6

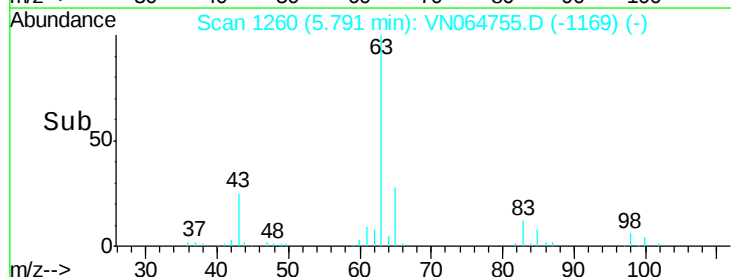
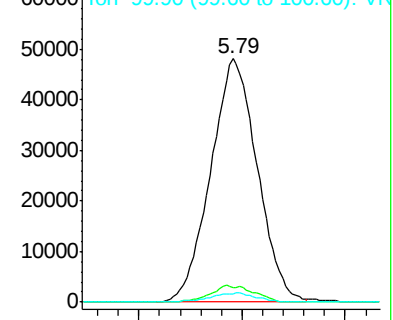
100 3.5 1.9 5.7

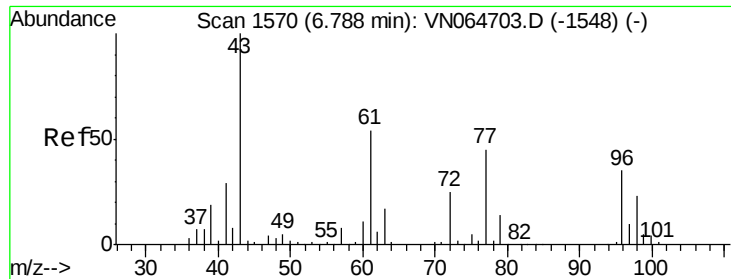


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





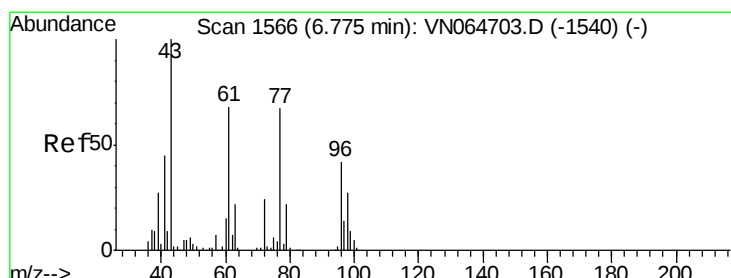
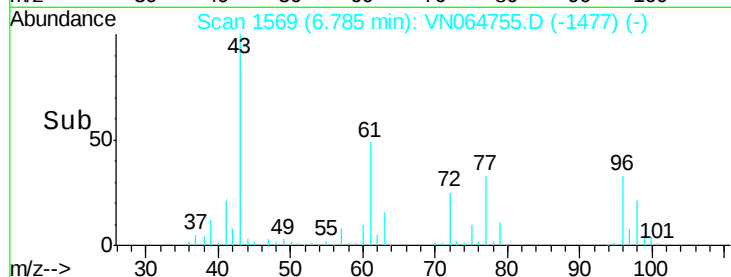
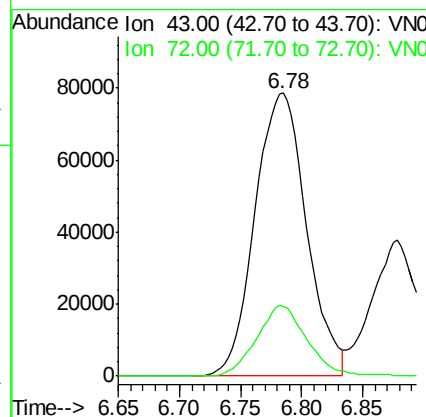
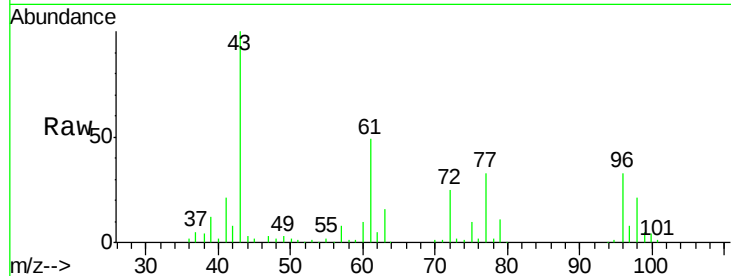
#25
2-Butanone
Concen: 98.792 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion: 43 Resp: 230790
Ion Ratio Lower Upper
43 100
72 24.8 19.7 29.5

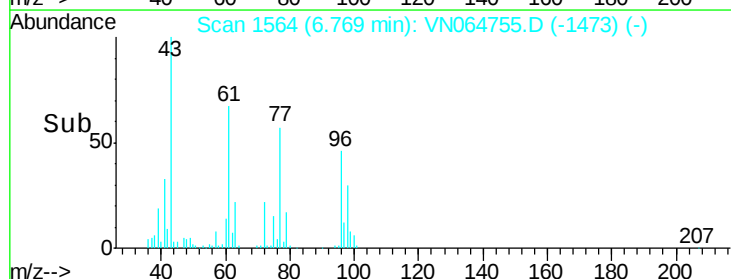
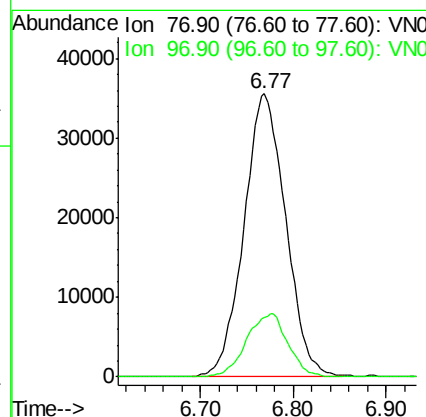
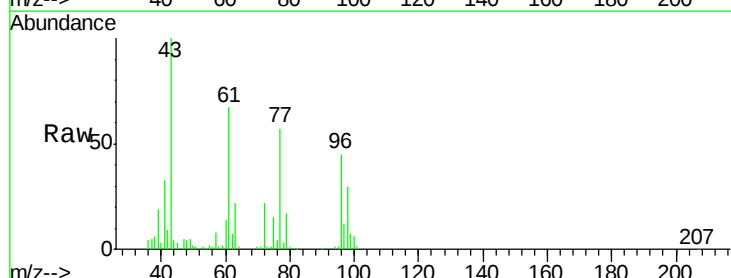
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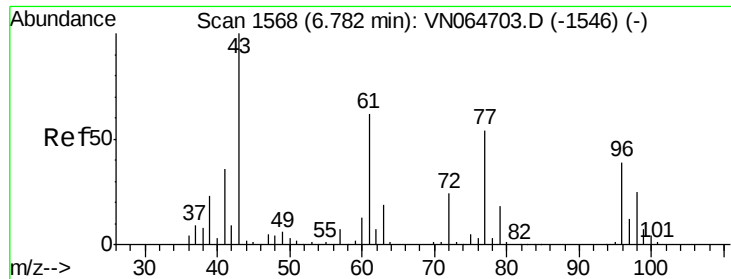
MMDadoda
11/24/2020 3:11:36 PM



#26
2,2-Dichloropropane
Concen: 14.749 ug/l
RT: 6.77 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion: 77 Resp: 111188
Ion Ratio Lower Upper
77 100
97 22.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 18.501 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

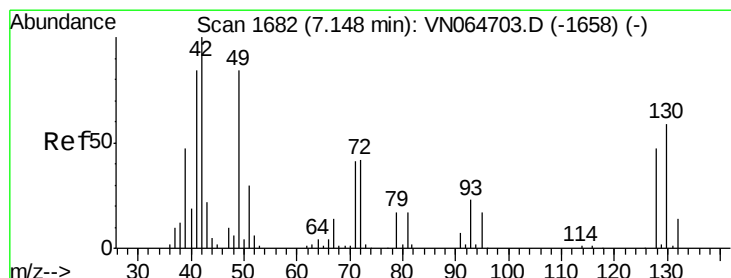
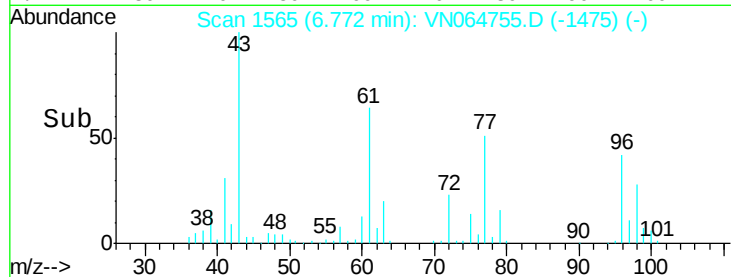
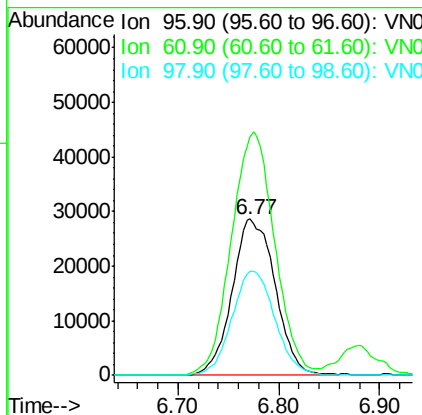
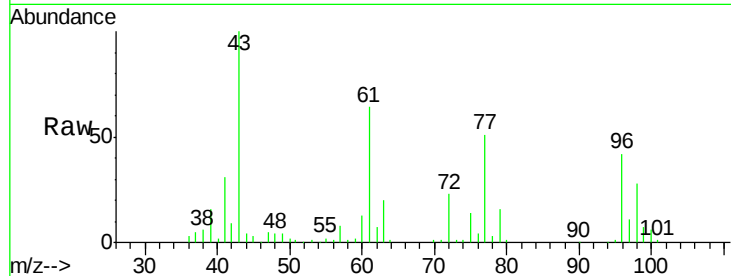
ClientSampleId :

VN1119WBSD02

Tot Ion:	96	Resp:	84990
Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	322.6
98	66.3	0.0	128.6

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#28

Bromochloromethane

Concen: 19.070 ug/l

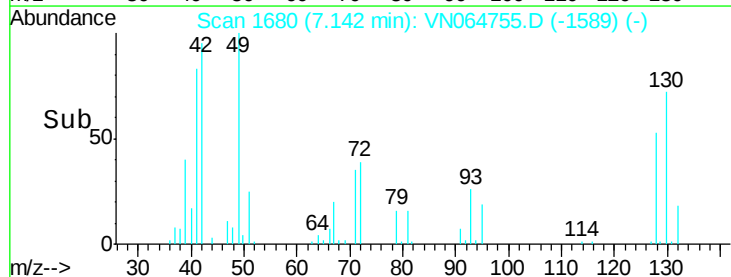
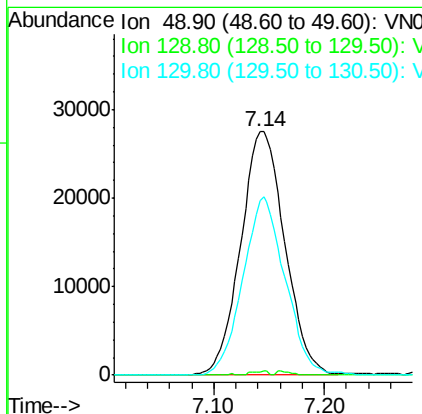
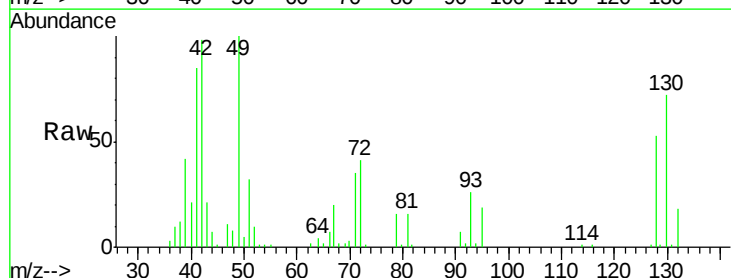
RT: 7.14 min Scan# 1680

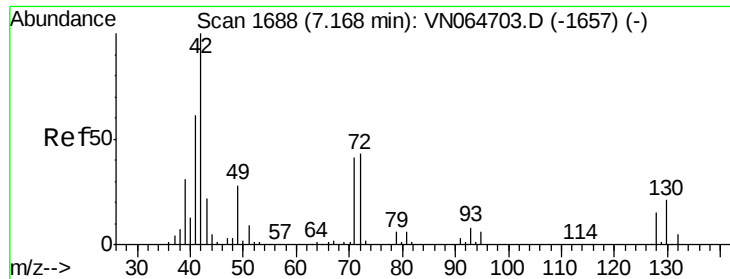
Delta R.T. -0.01 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Tgt Ion:	49	Resp:	76282
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.8
130	70.0	56.2	84.4





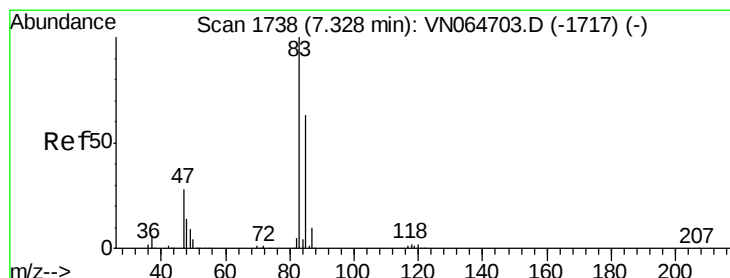
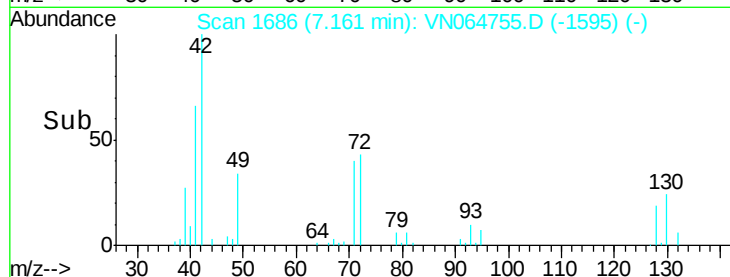
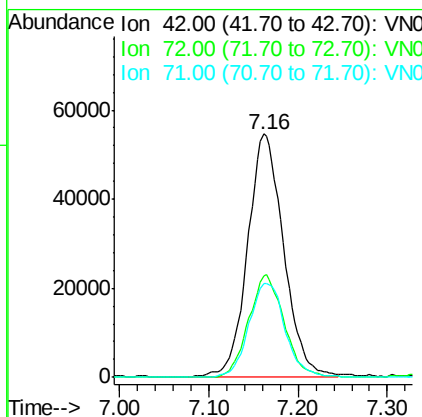
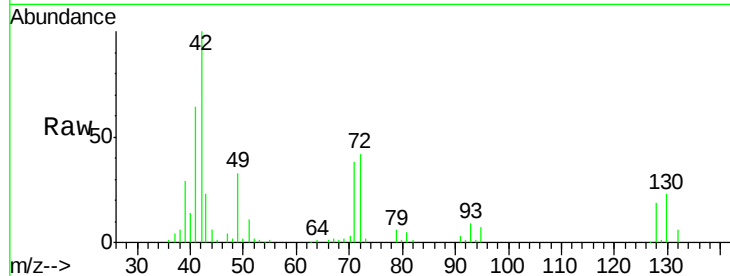
#29
Tetrahydrofuran
Concen: 97.868 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.0	49.4
71	38.5	31.8	47.6

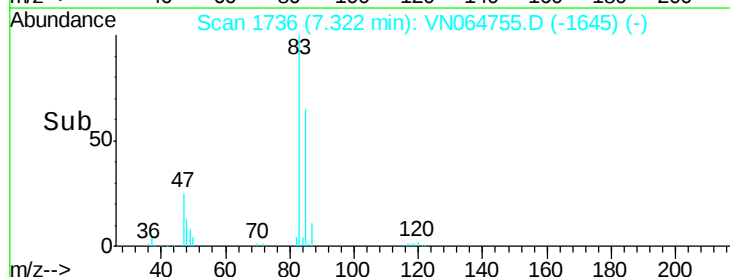
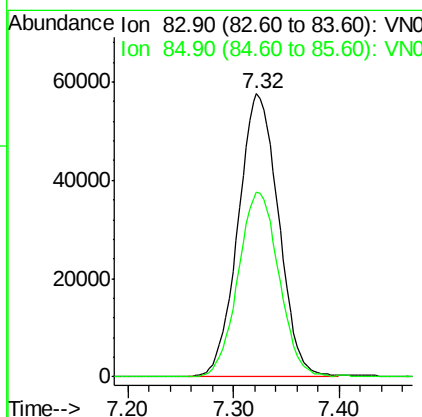
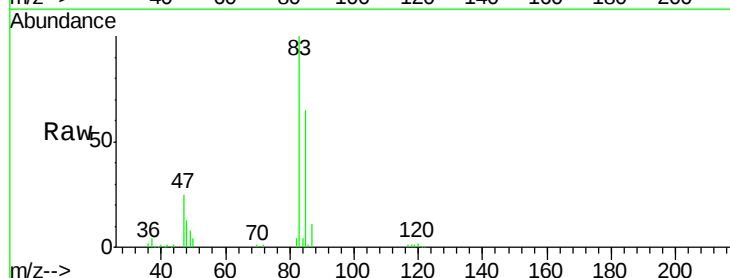
Manual Integrations
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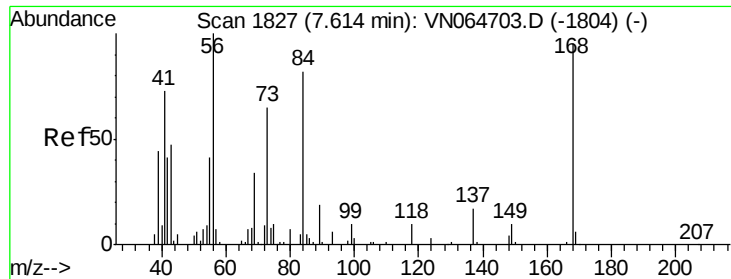
MMDadoda
11/24/2020 3:11:36 PM



#30
Chloroform
Concen: 17.770 ug/l
RT: 7.32 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.6	75.8





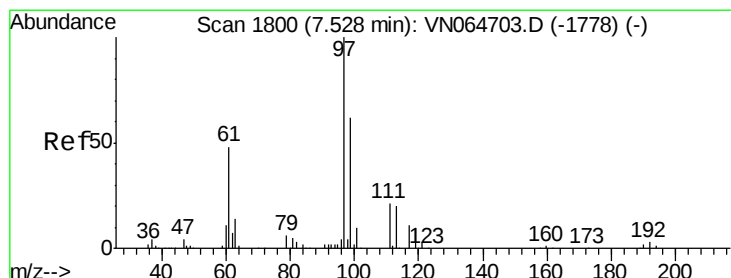
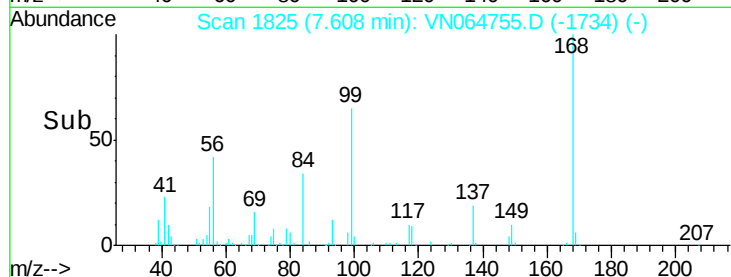
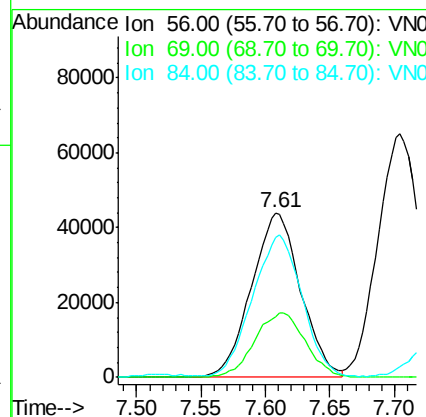
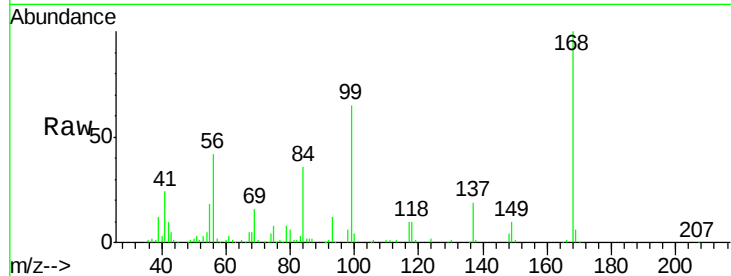
#31
Cyclohexane
Concen: 17.716 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.01 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.0	27.2	40.8
84	83.9	65.9	98.9

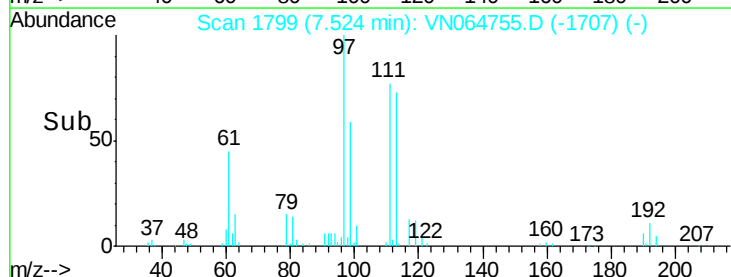
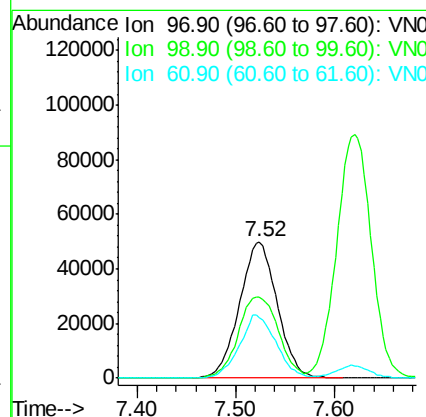
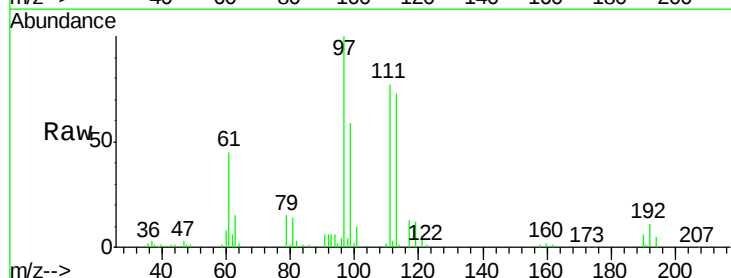
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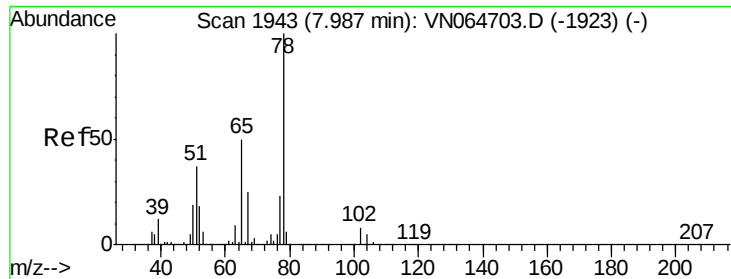
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 16.765 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.6	76.0
61	44.7	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 42.404 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 65 Resp: 259105

Ion Ratio Lower Upper

65 100

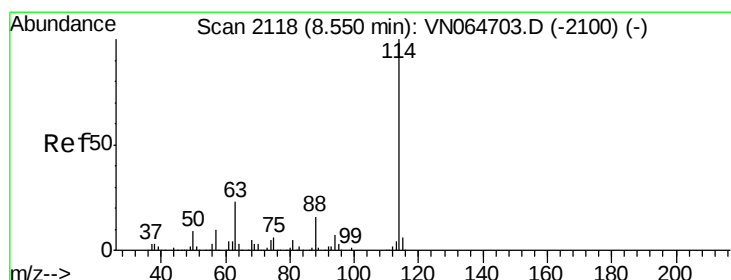
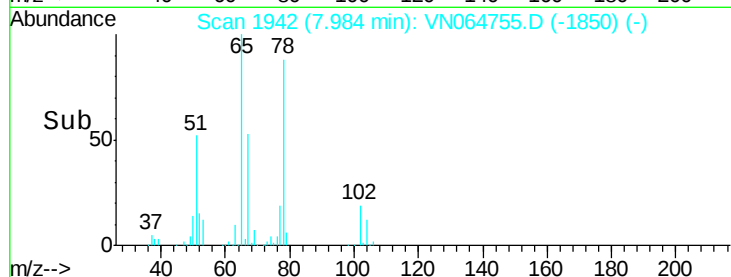
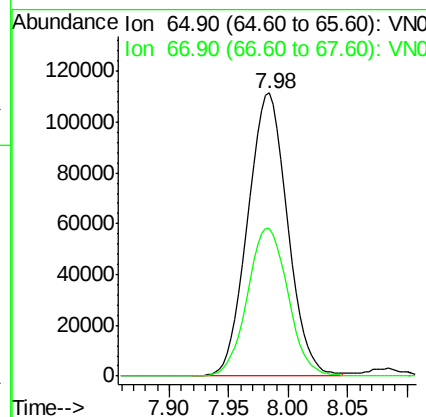
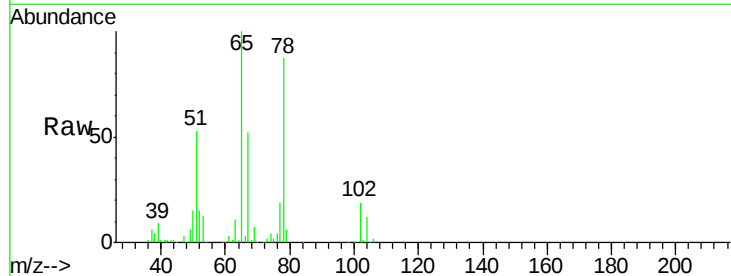
67 53.2 0.0 99.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

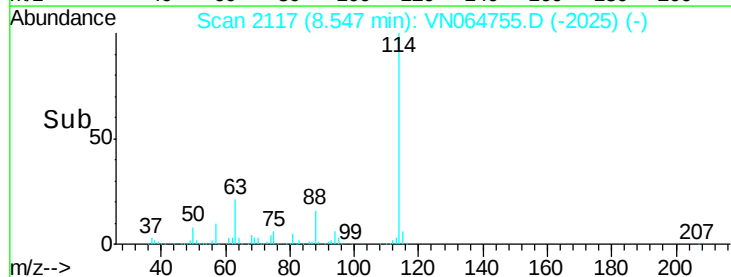
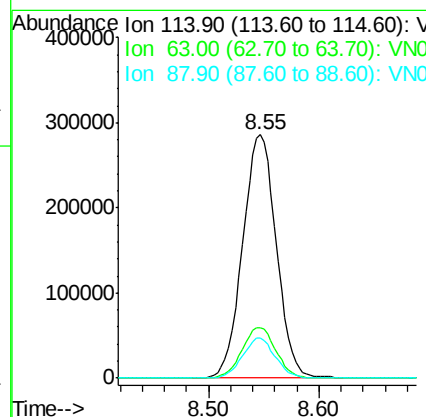
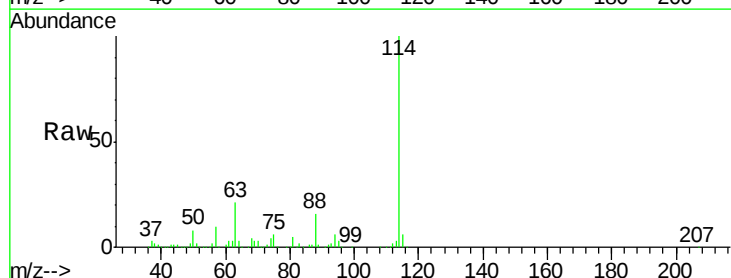
Tgt Ion: 114 Resp: 603078

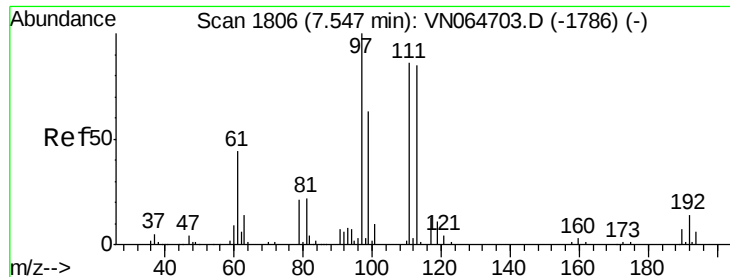
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.0

88 16.4 0.0 31.2





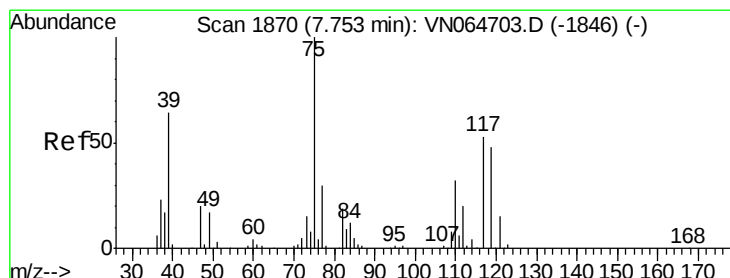
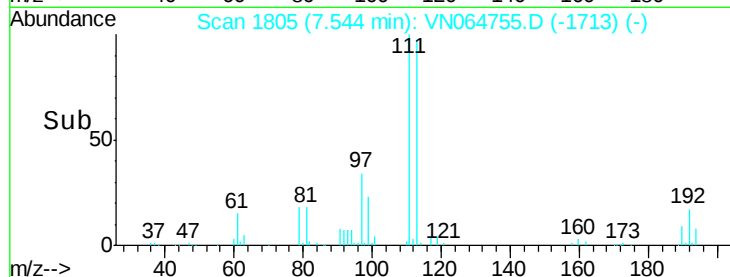
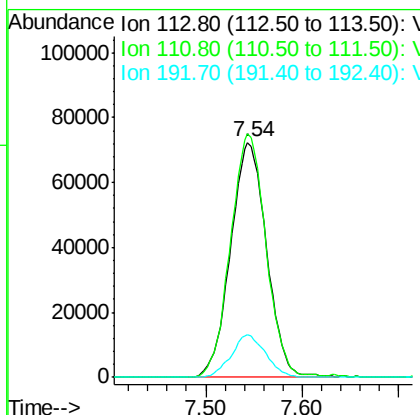
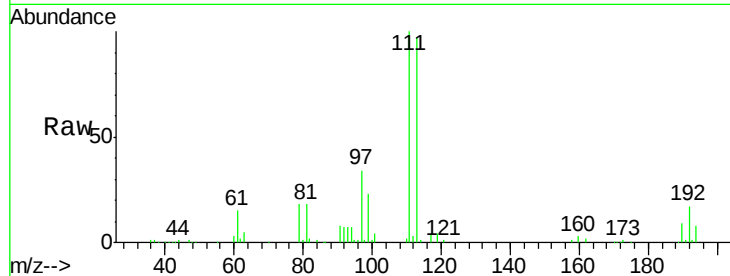
#35
 Dibromofluoromethane
 Concen: 54.505 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	187093		
111	102.2	82.2	123.4	
192	17.4	12.7	19.1	

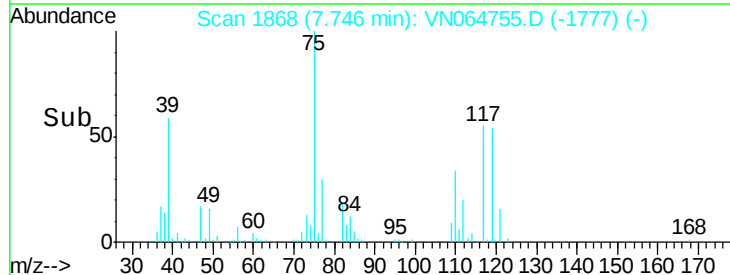
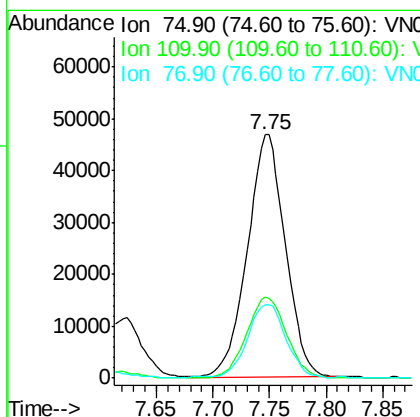
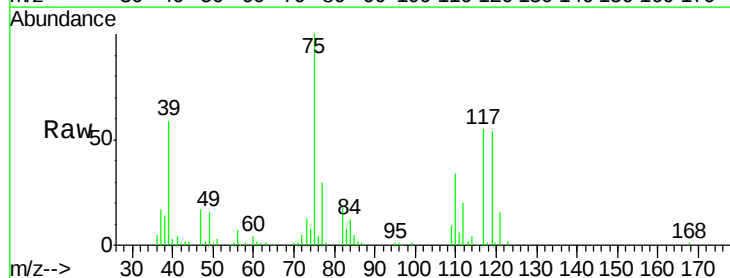
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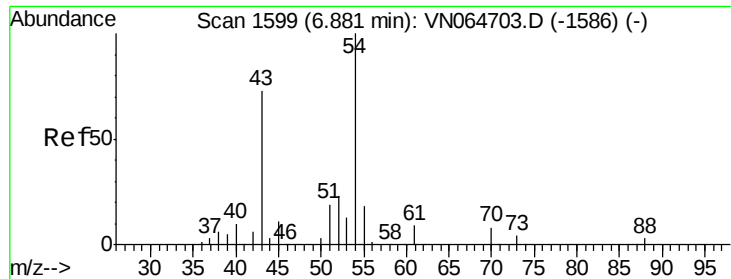
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 17.620 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	109323		
110	35.2	16.2	48.6	
77	31.1	24.4	36.6	





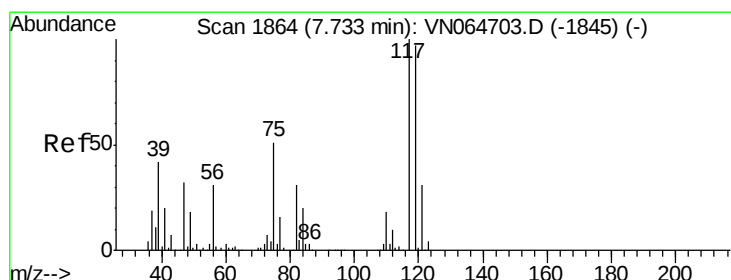
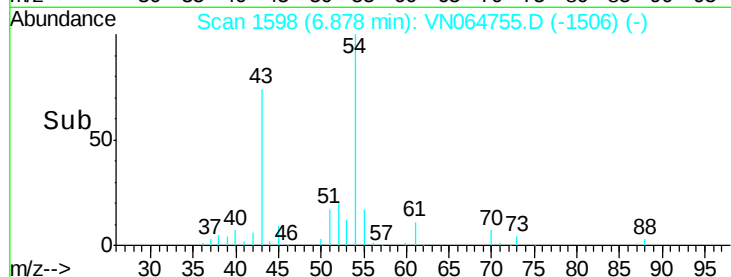
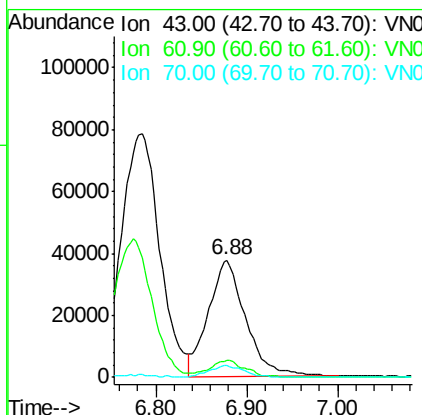
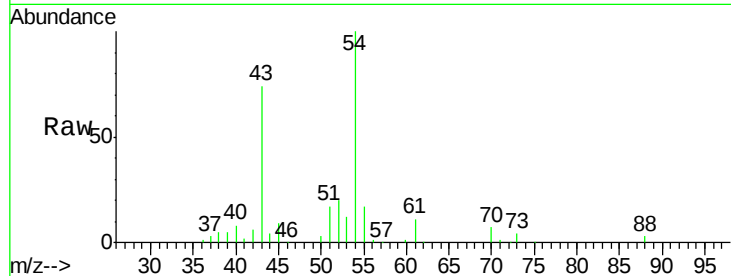
#37
Ethyl Acetate
Concen: 20.648 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	43	Resp	107270
Ion Ratio	100	Lower	Upper
43	100		
61	13.4	10.4	15.6
70	9.4	7.6	11.4

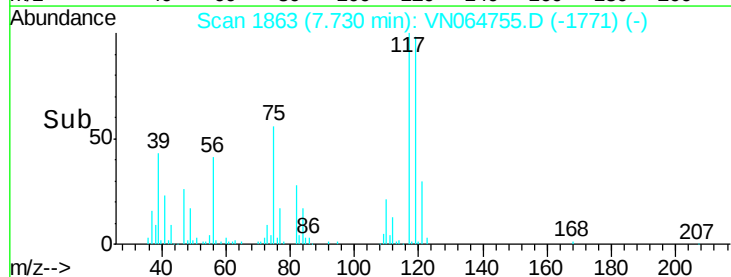
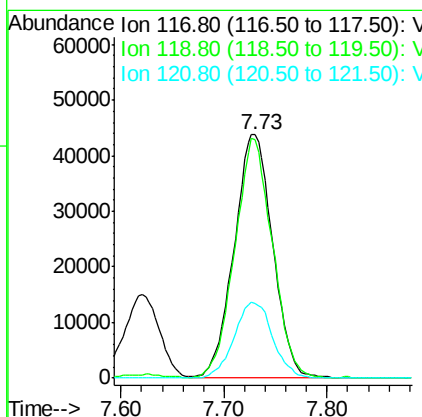
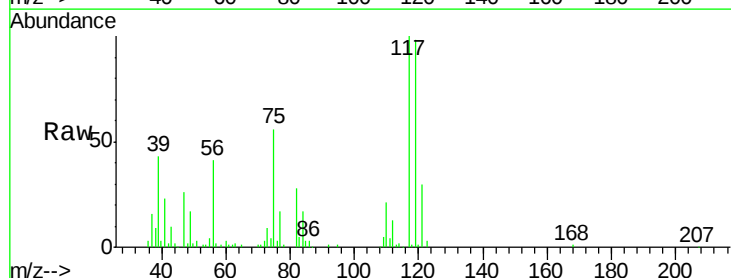
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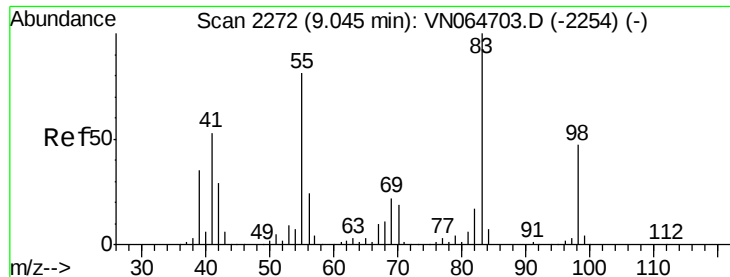
MMDadoda
11/24/2020 3:11:36 PM



#38
Carbon Tetrachloride
Concen: 17.289 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	117	Resp	113999
Ion Ratio	100	Lower	Upper
117	100		
119	98.0	77.8	116.6
121	30.4	24.9	37.3





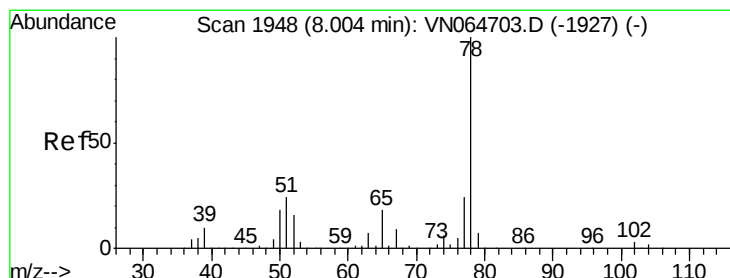
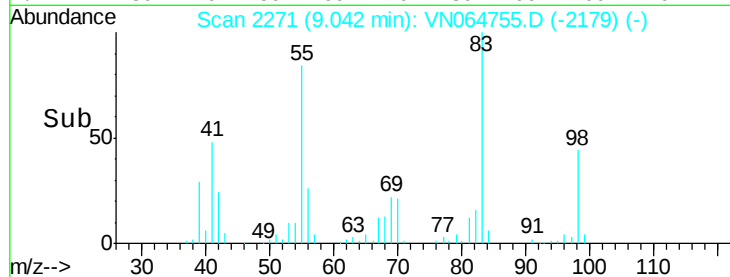
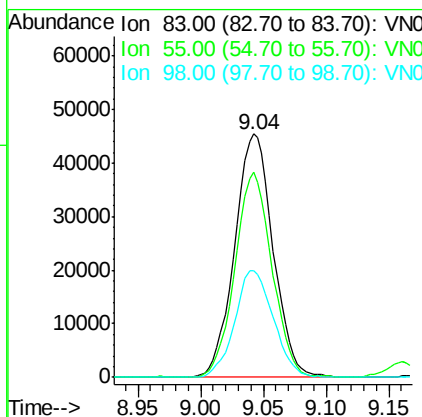
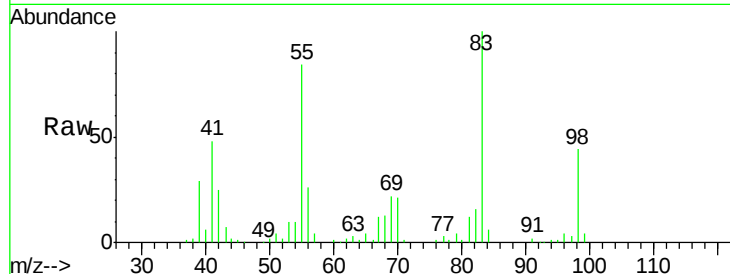
#39
Methvlcvclohexane
Concen: 17.597 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.1	64.6	97.0
98	43.7	37.7	56.5

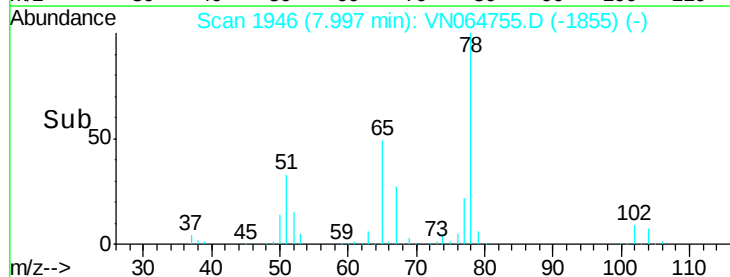
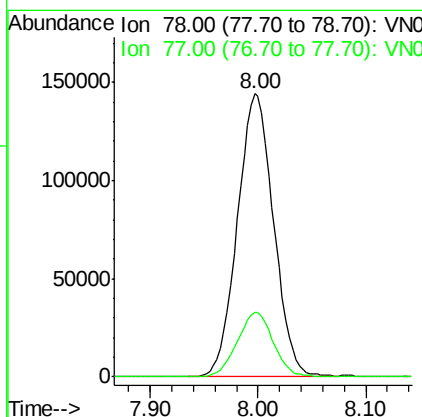
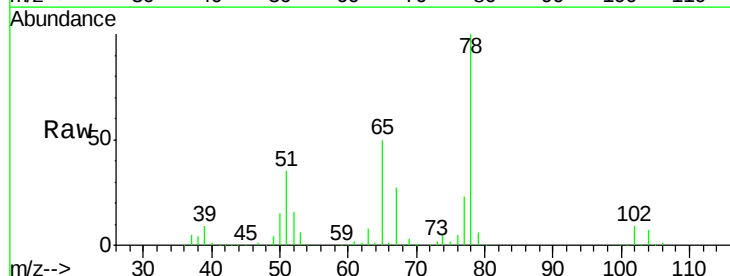
Manual Integrations
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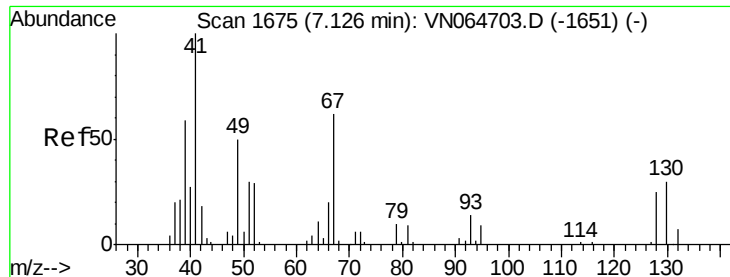
MMDadoda
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#40
Benzene
Concen: 19.489 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





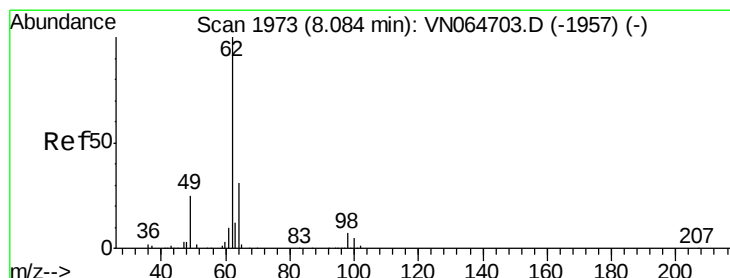
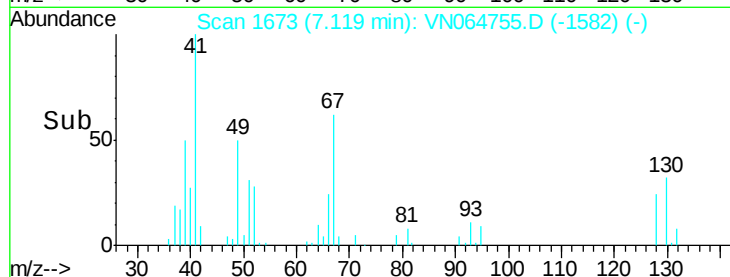
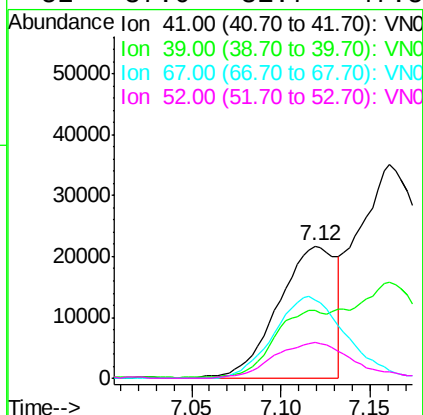
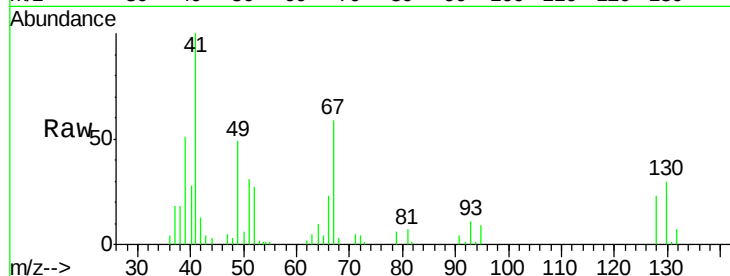
#41
Methacrylonitrile
Concen: 20.528 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	41	Resp	48881
Ion Ratio	Lower	Upper	
41	100		
39	46.6	46.0	69.0
67	77.5	67.0	100.4
52	37.0	31.7	47.5

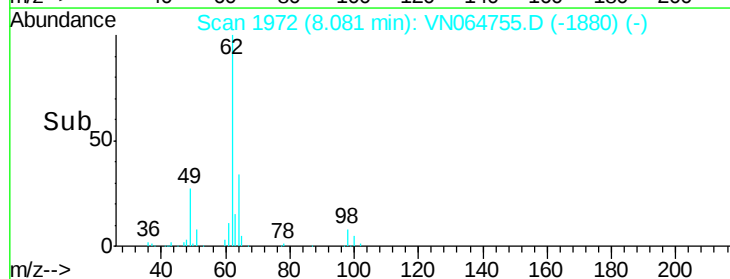
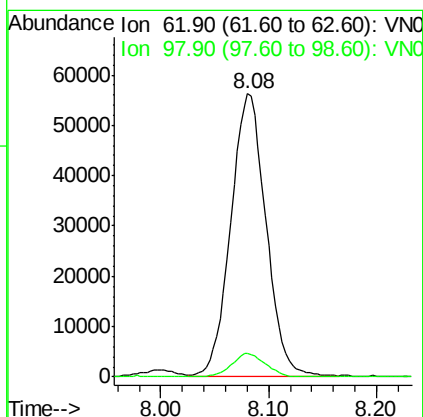
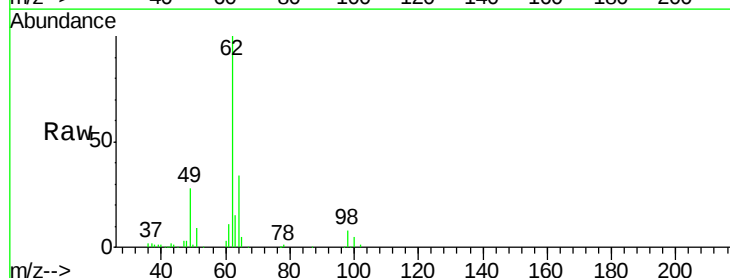
Manual Integrations
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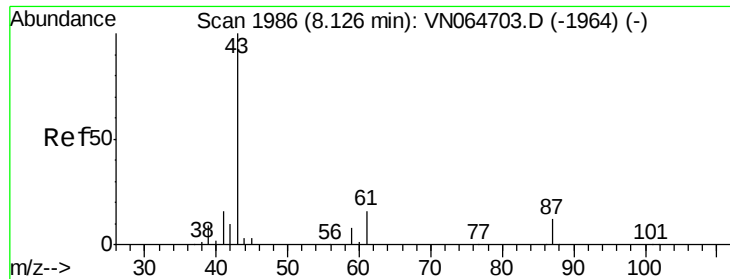
MMDadoda
11/24/2020 3:11:36 PM



#42
1,2-Dichloroethane
Concen: 17.160 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	62	Resp	127640
Ion Ratio	Lower	Upper	
62	100		
98	7.9	0.0	13.6





#43

Isopropyl Acetate

Concen: 17.308 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

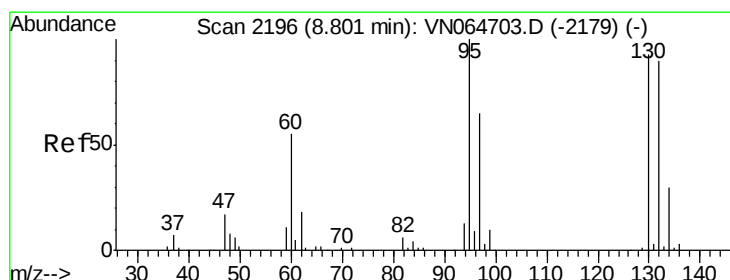
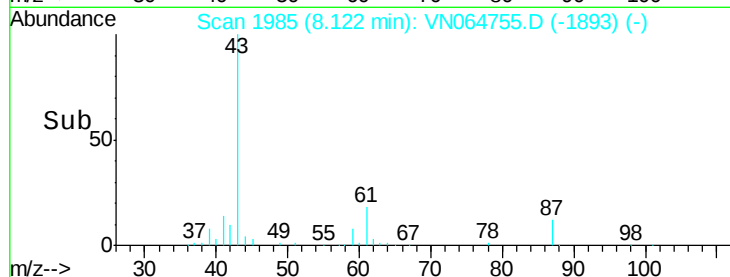
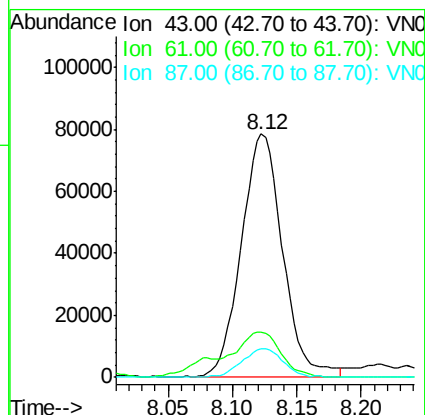
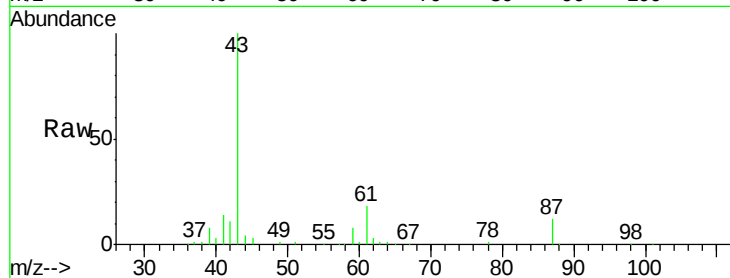
ClientSampleId :

VN1119WBSD02

Tot Ion:	43	Resp:	174286
Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.1	21.1
87	11.8	9.1	13.7

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#44

Trichloroethene

Concen: 18.302 ug/l

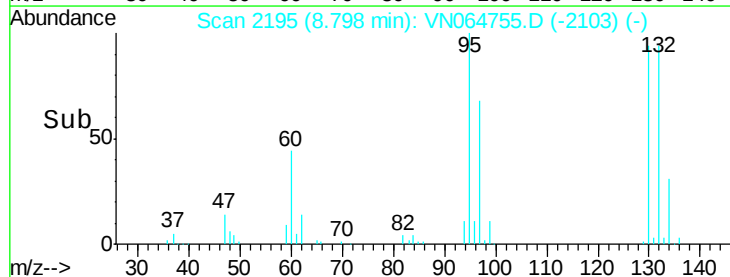
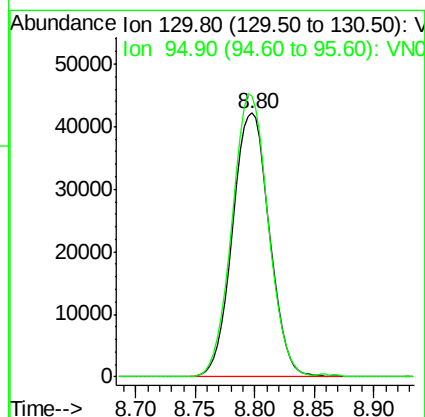
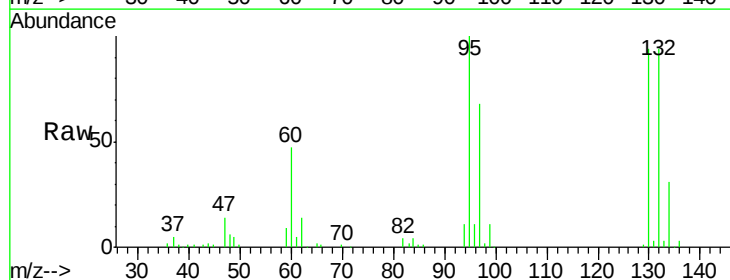
RT: 8.80 min Scan# 2195

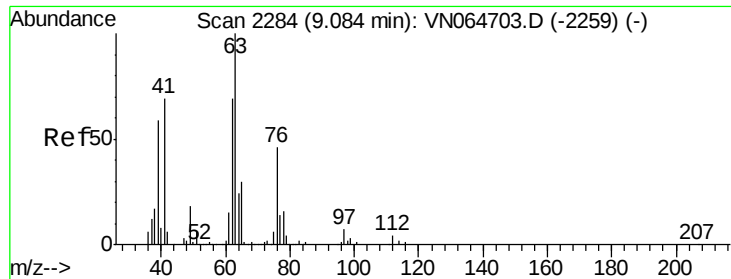
Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Tgt Ion:	130	Resp:	90803
Ion	Ratio	Lower	Upper
130	100		
95	106.5	0.0	214.2





#45

1,2-Dichloropropane

Concen: 19.865 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 63 Resp: 91541

Ion Ratio Lower Upper

63 100

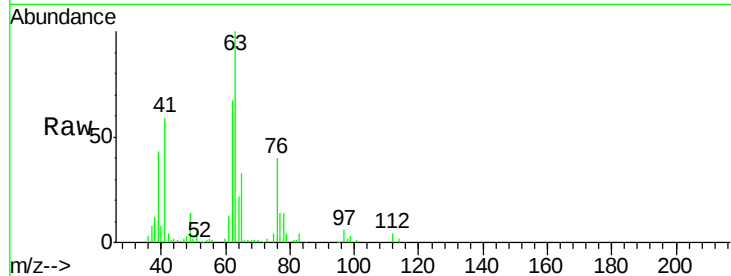
65 32.8 24.0 36.0

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Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO

9.08

50000

40000

30000

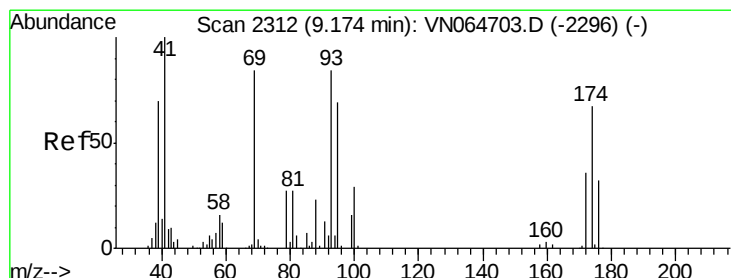
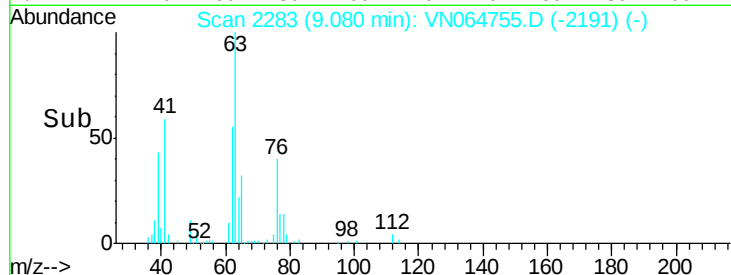
20000

10000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 18.065 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

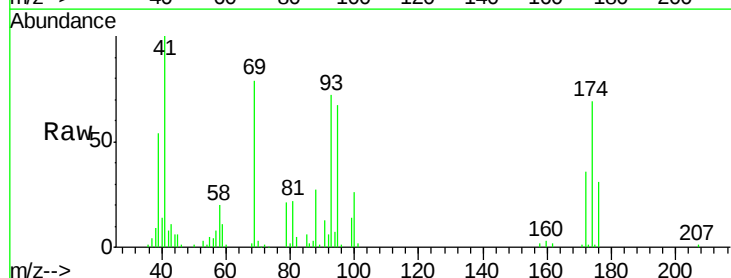
Tgt Ion: 93 Resp: 59009

Ion Ratio Lower Upper

93 100

95 85.9 64.6 97.0

174 91.6 64.3 96.5



Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

9.17

30000

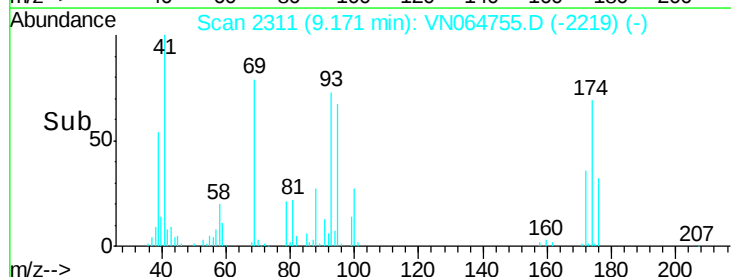
20000

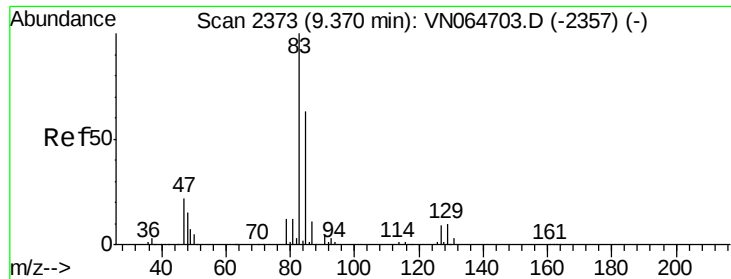
10000

0

Time-->

9.10 9.15 9.20





#47

Bromodichloromethane

Concen: 17.537 ug/l

RT: 9.36 min Scan# 2371

Delta R.T. -0.01 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

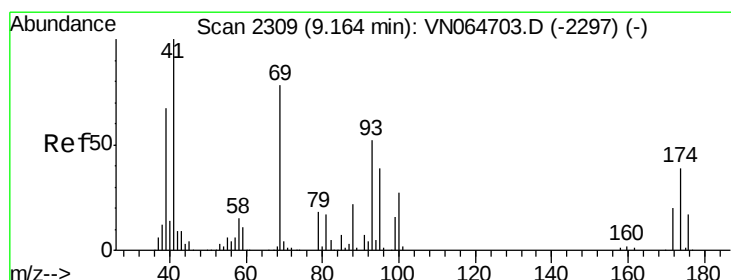
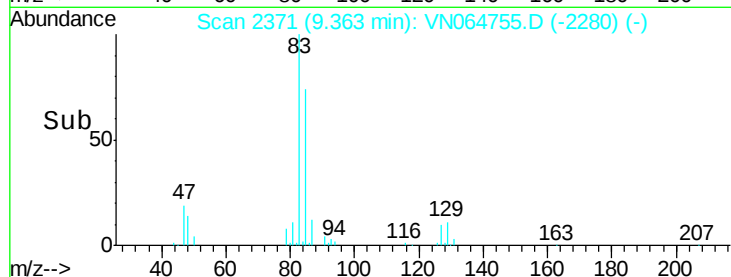
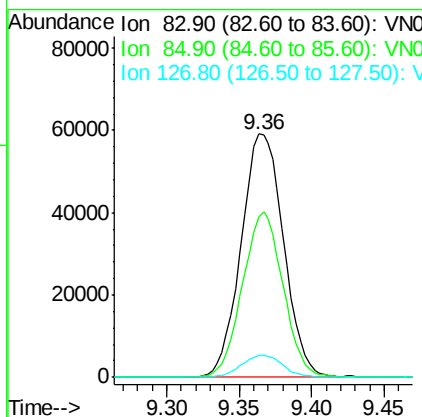
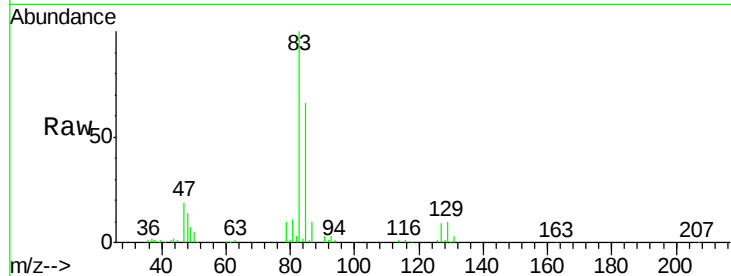
ClientSampleId :

VN1119WBSD02

Tot Ion:	83	Resp:	120426
Ion Ratio	Lower	Upper	
83	100		
85	65.7	50.8	76.2
127	8.9	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.846 ug/l

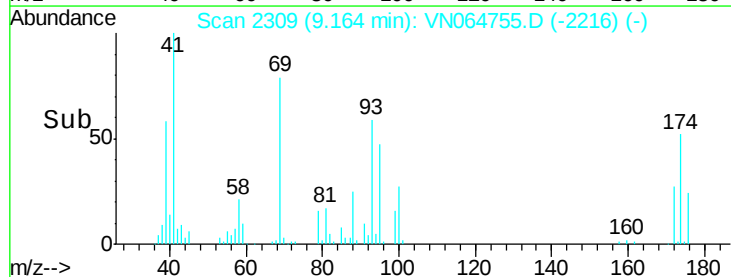
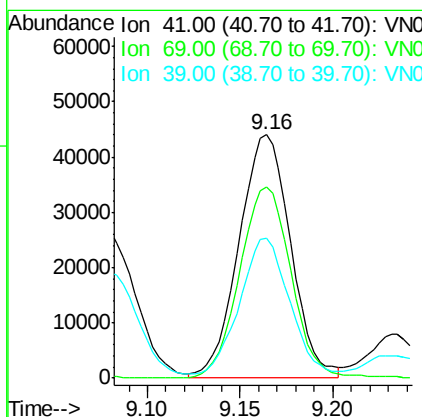
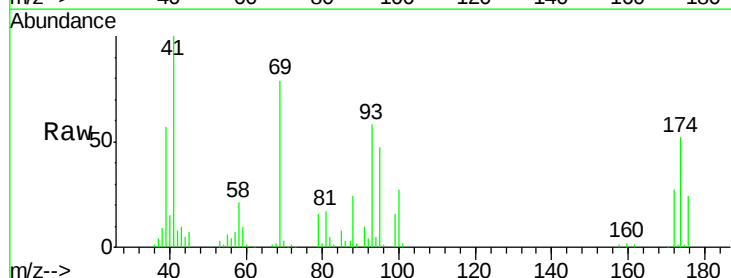
RT: 9.16 min Scan# 2309

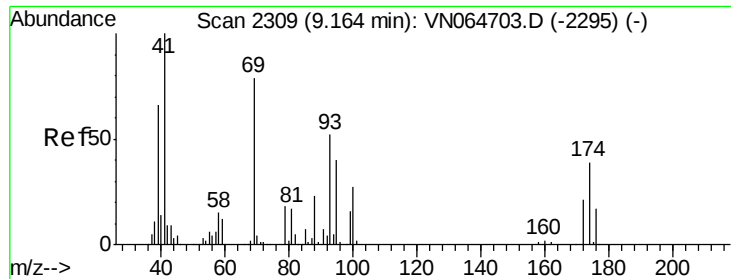
Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Tgt Ion:	41	Resp:	84791
Ion Ratio	Lower	Upper	
41	100		
69	79.0	62.3	93.5
39	56.3	55.1	82.7





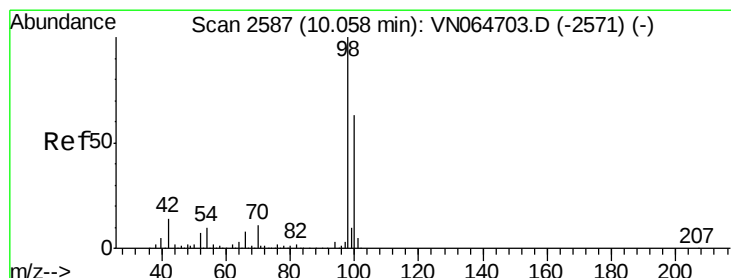
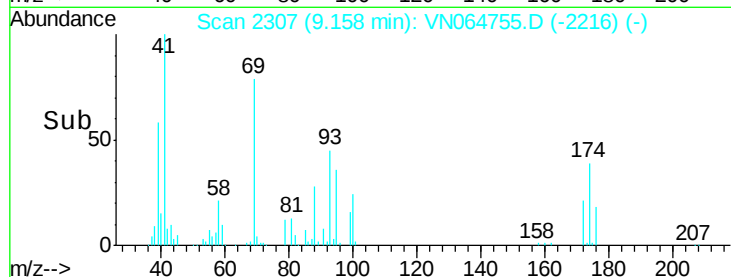
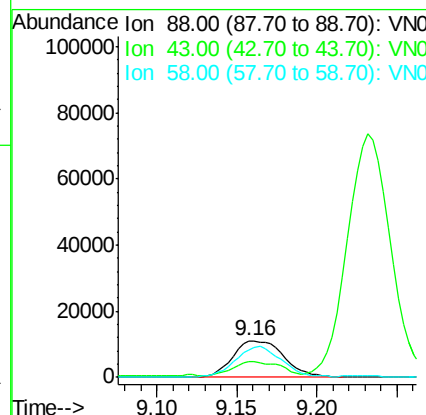
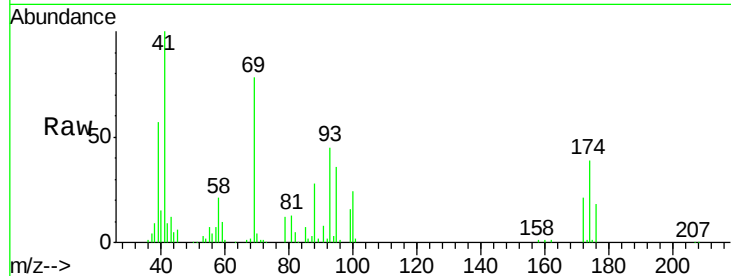
#49
1,4-Dioxane
Concen: 412.019 ug/l
RT: 9.16 min Scan# 2307
Delta R.T. -0.01 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	31.3	46.9
58	76.3	55.7	83.5

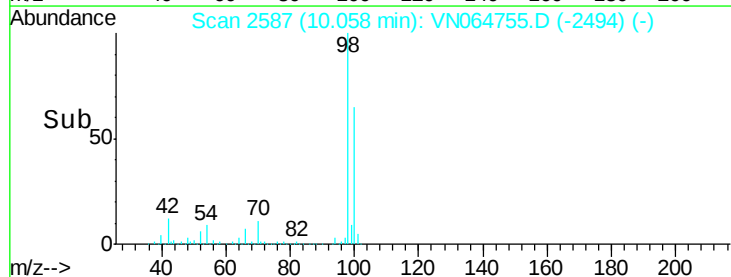
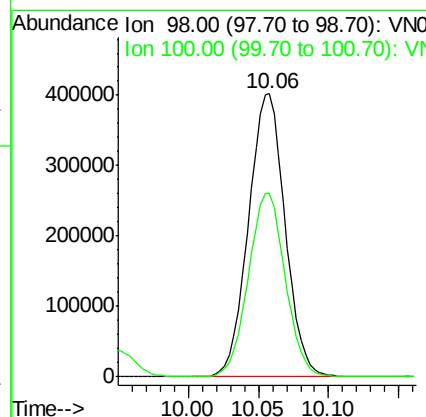
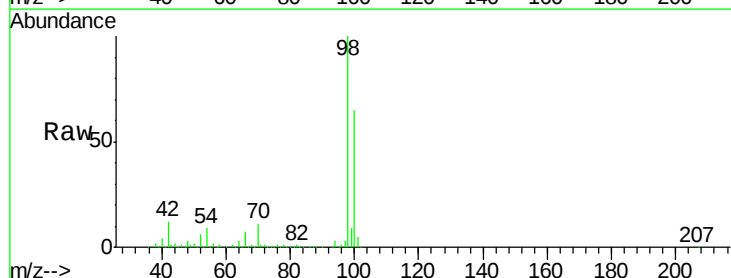
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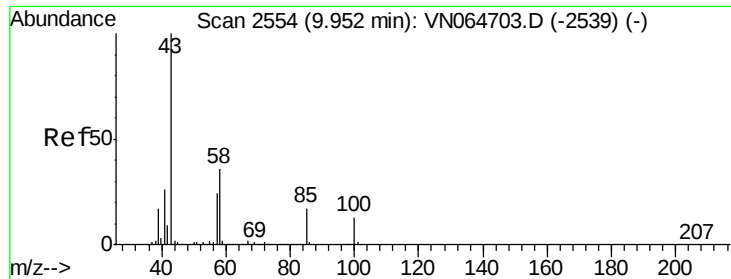
MMDadoda
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#50
Toluene-d8
Concen: 46.920 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.4	75.6





#51

4-Methyl-2-Pentanone

Concen: 87.036 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 43 Resp: 504175

Ion Ratio Lower Upper

43 100

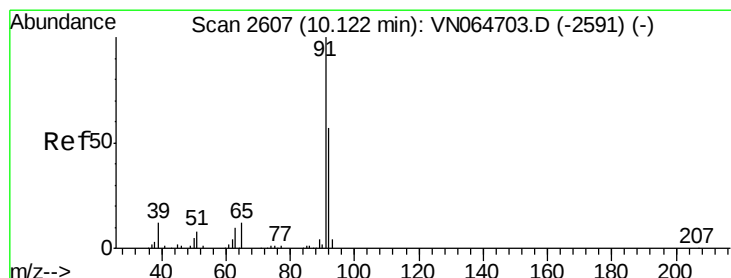
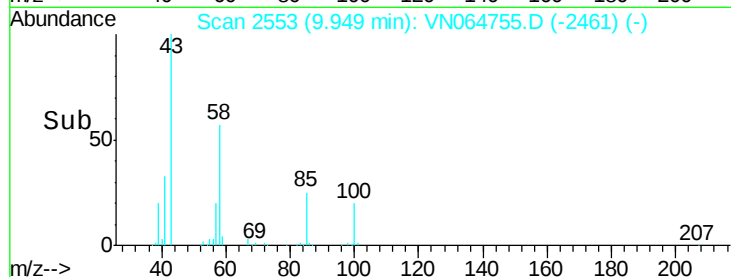
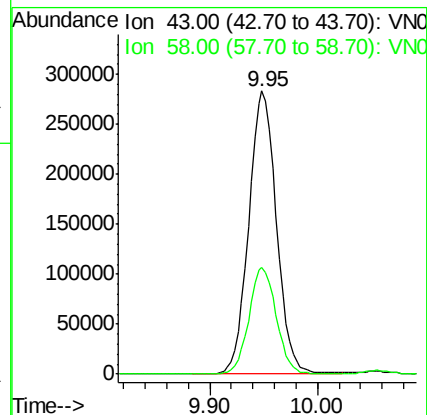
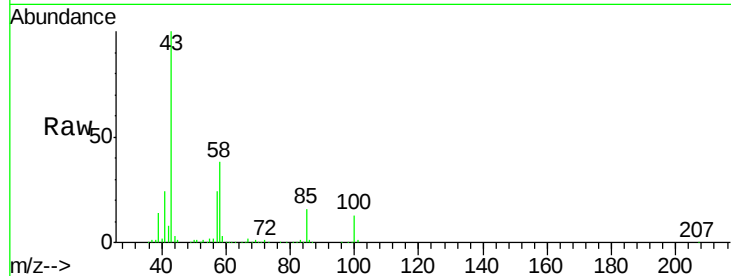
58 37.3 28.5 42.7

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#52

Toluene

Concen: 19.067 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064755.D

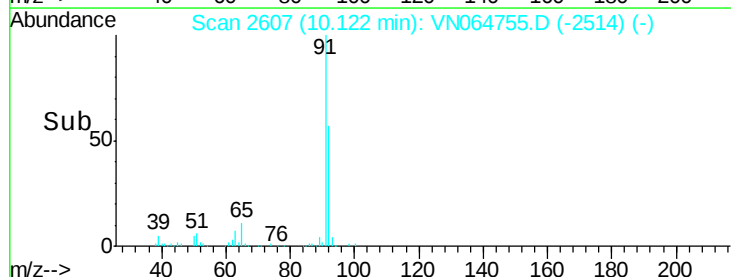
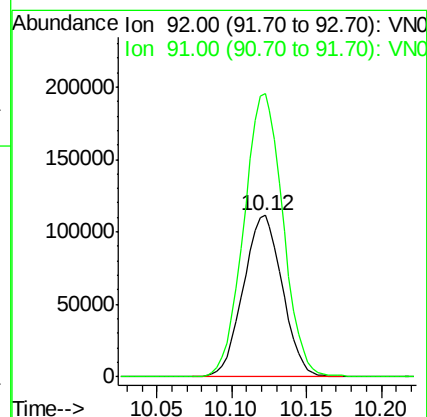
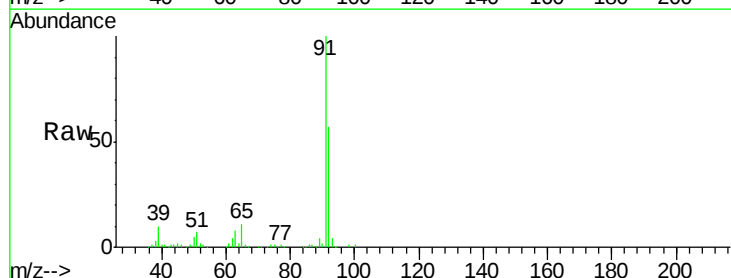
Acq: 20 Nov 2020 3:07

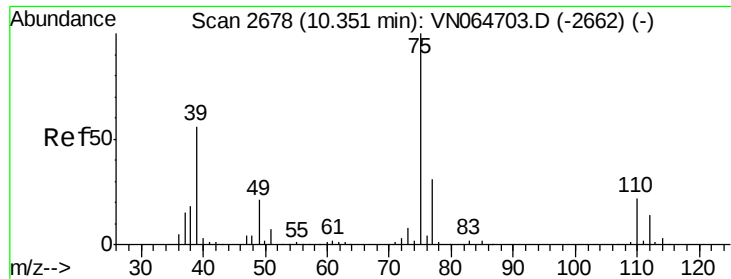
Tgt Ion: 92 Resp: 203016

Ion Ratio Lower Upper

92 100

91 175.4 141.2 211.8





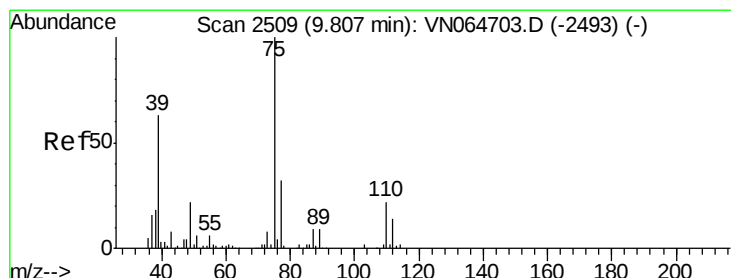
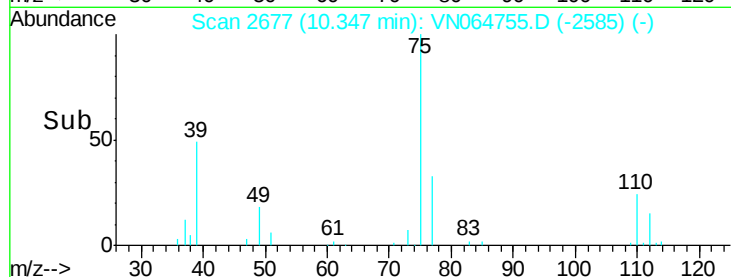
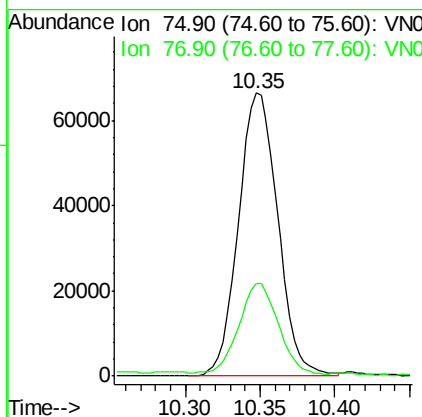
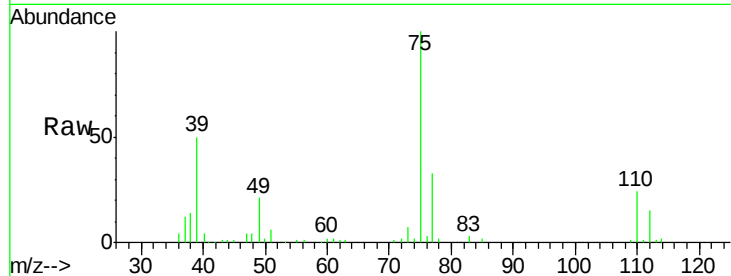
#53
t-1,3-Dichloropropene
Concen: 16.567 ug/l
RT: 10.35 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion: 75 Resp: 121754
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

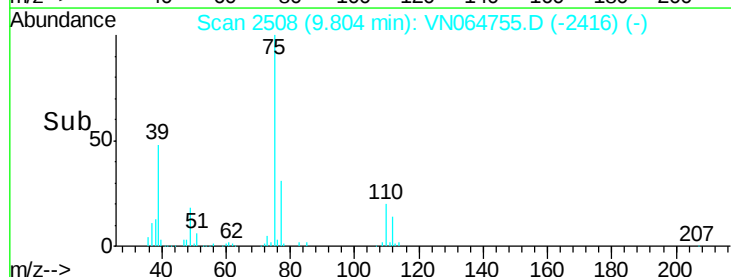
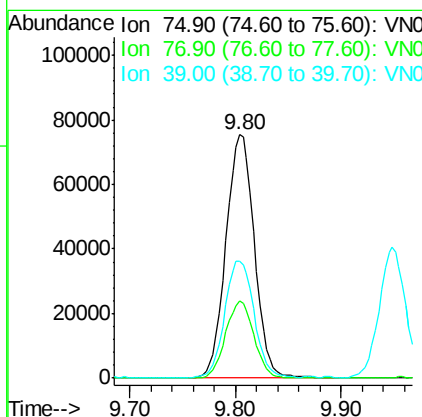
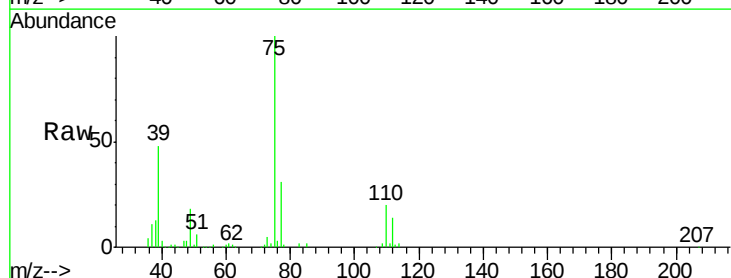
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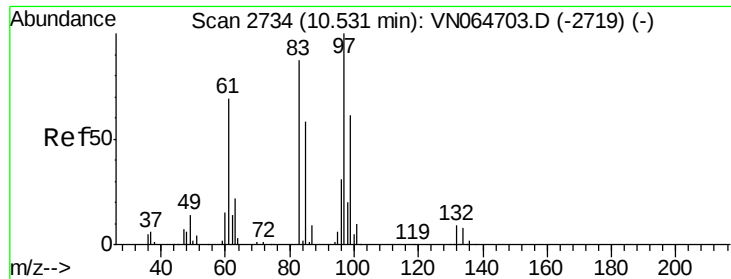
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.624 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion: 75 Resp: 140937
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
39 47.9 50.5 75.7#





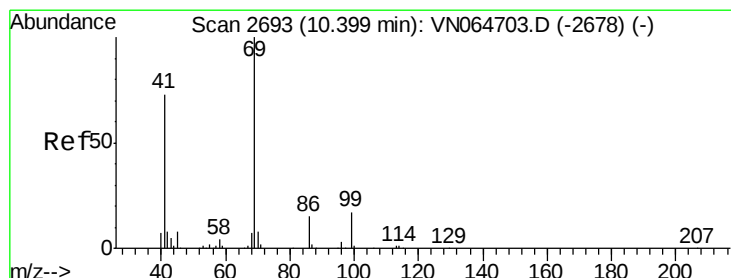
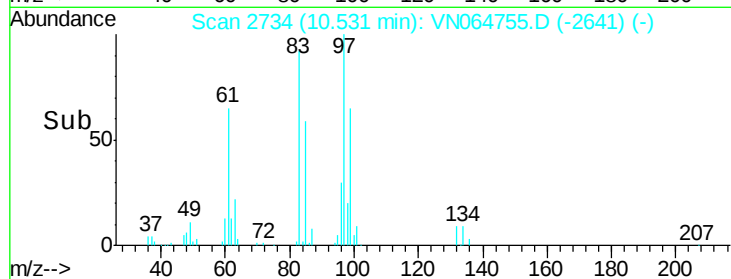
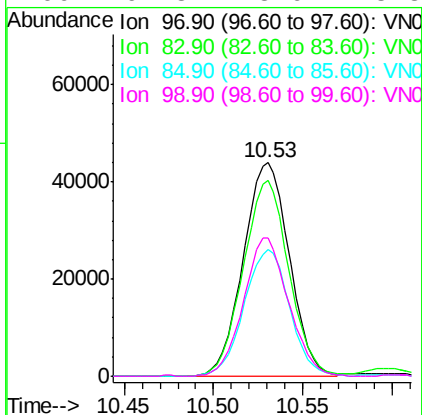
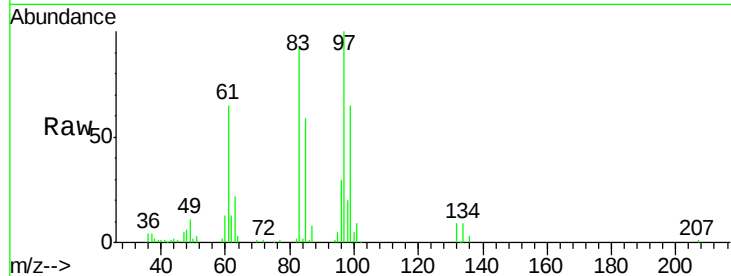
#55
 1,1,2-Trichloroethane
 Concen: 18.583 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD02

Tot Ion:	97	Resp:	79360
Ion	Ratio	Lower	Upper
97	100		
83	92.0	69.6	104.4
85	59.1	46.6	70.0
99	64.8	48.9	73.3

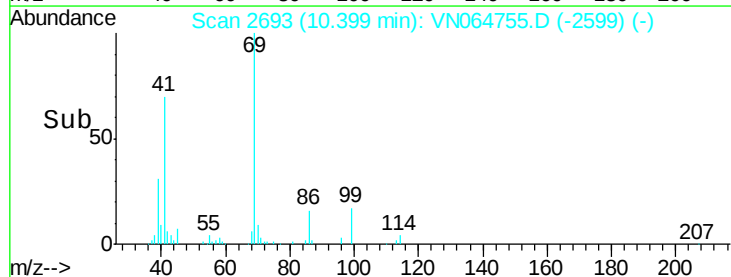
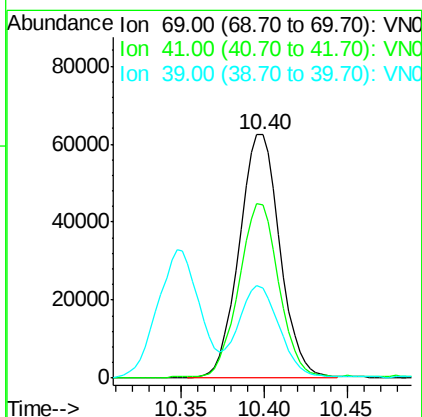
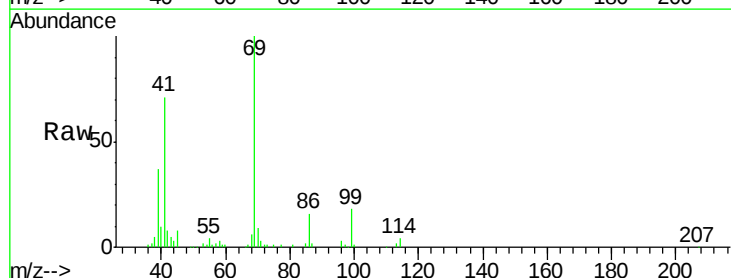
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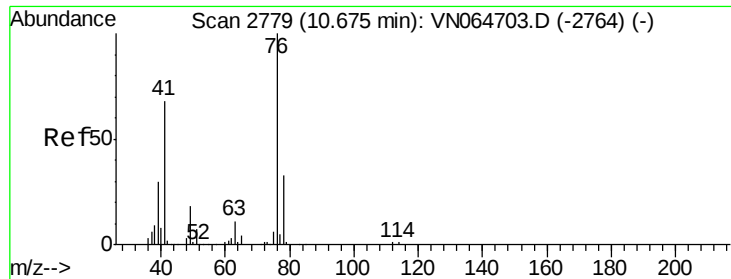
MMDadoda
 11/24/2020 3:11:36 PM



#56
 Ethyl methacrylate
 Concen: 17.075 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Tgt Ion:	69	Resp:	106652
Ion	Ratio	Lower	Upper
69	100		
41	71.4	59.0	88.4
39	37.7	38.4	57.6#





#57

1,3-Dichloropropane

Concen: 18.961 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 76 Resp: 140270

Ion Ratio Lower Upper

76 100

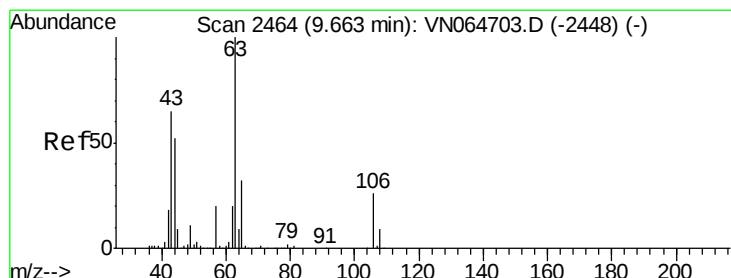
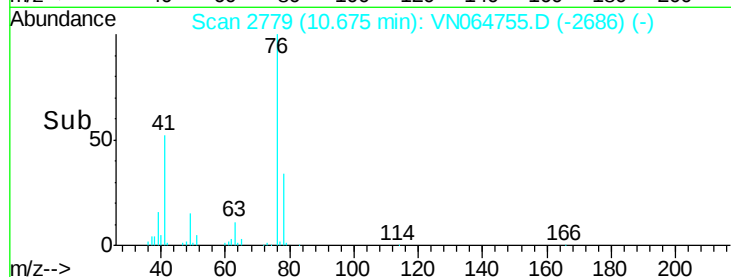
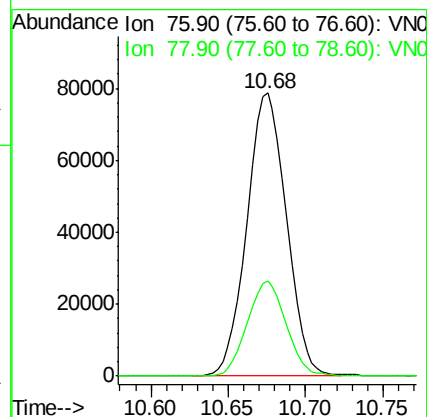
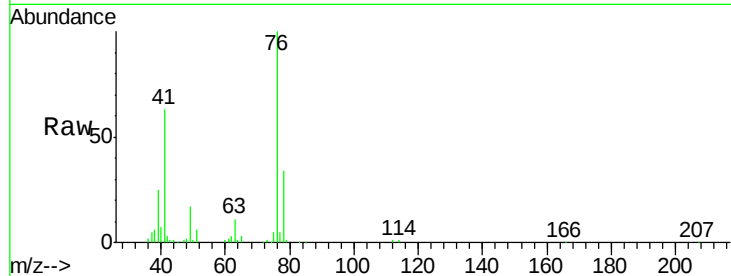
78 33.1 26.4 39.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 89.354 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064755.D

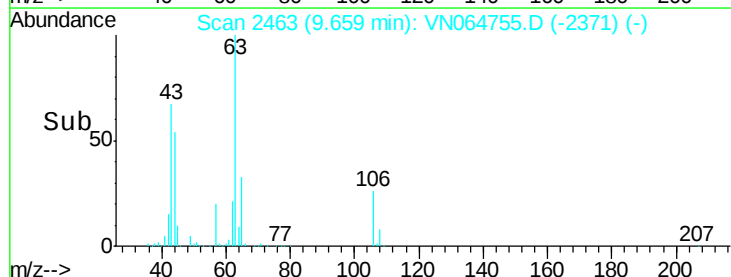
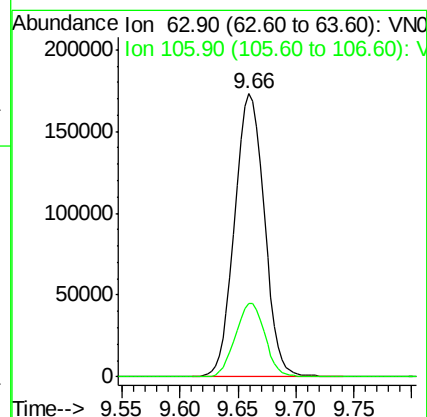
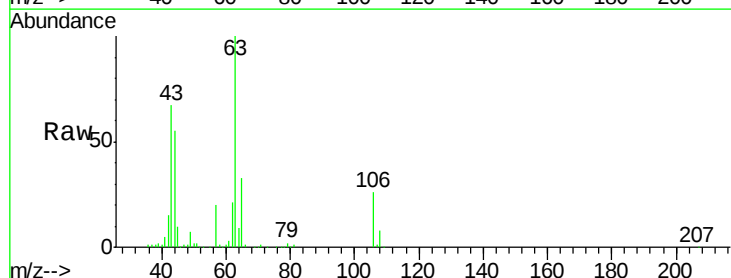
Acq: 20 Nov 2020 3:07

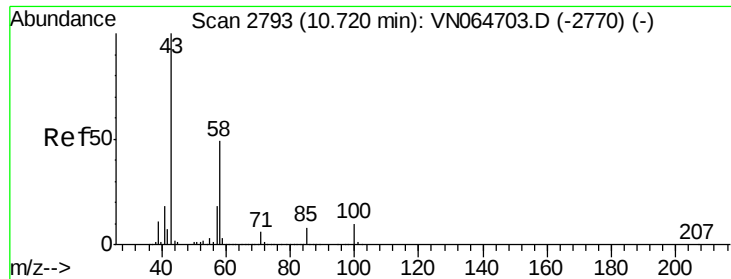
Tgt Ion: 63 Resp: 307974

Ion Ratio Lower Upper

63 100

106 25.7 20.9 31.3





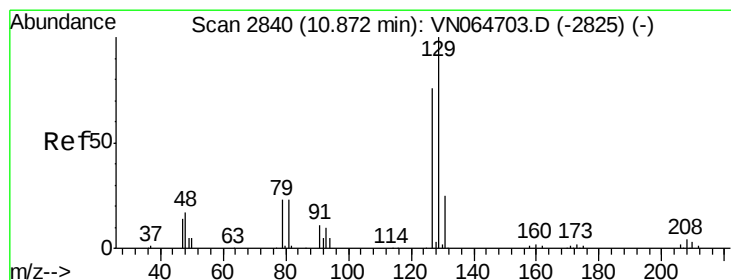
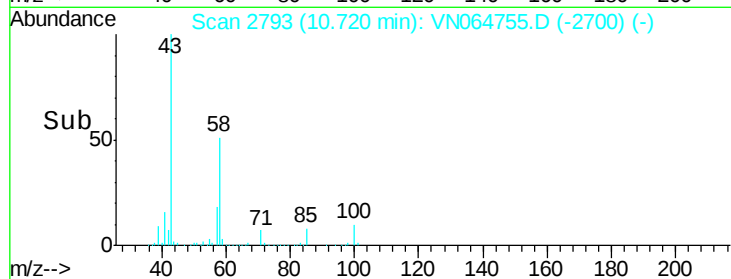
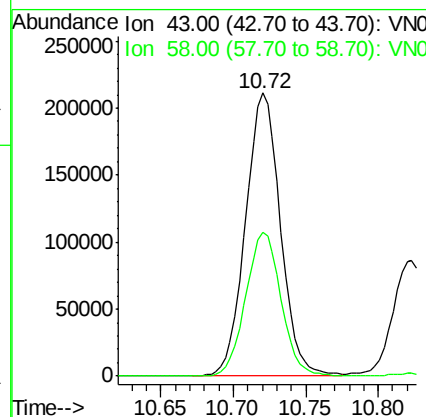
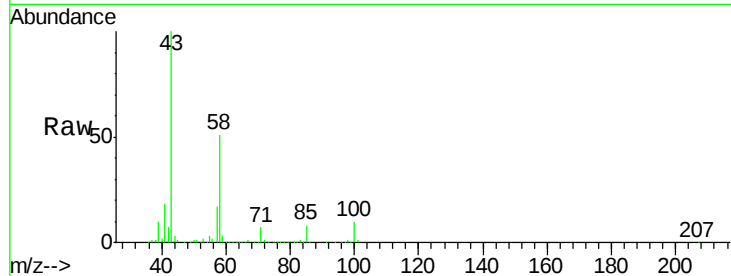
#59
2-Hexanone
Concen: 84.551 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.9	24.4	73.4

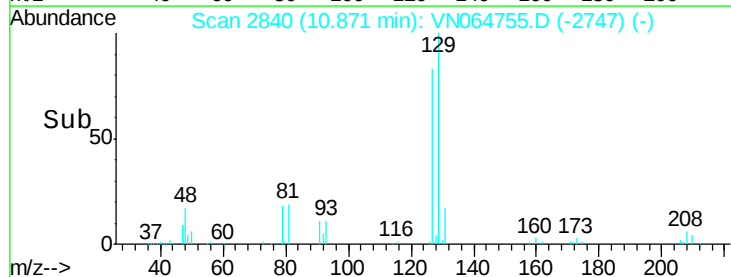
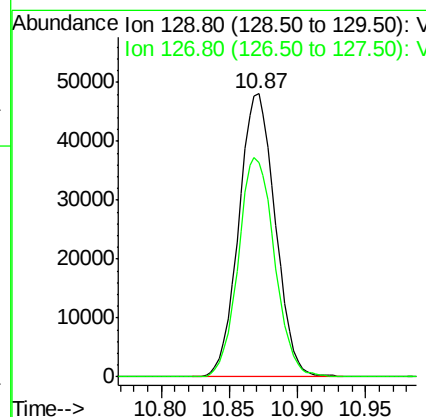
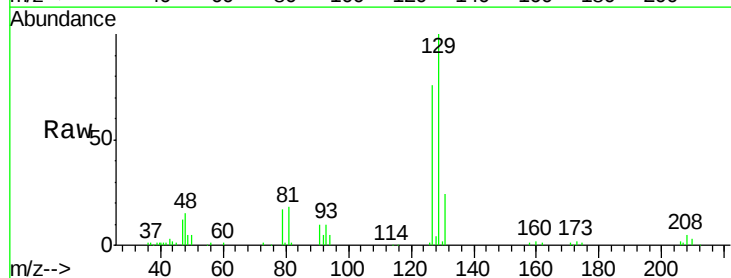
Manual Integrations
APPROVED

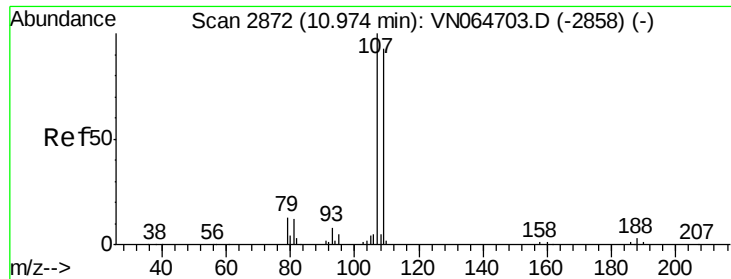
MMDadoda
11/24/2020 3:11:36 PM



#60
Dibromochloromethane
Concen: 18.106 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.8	116.4





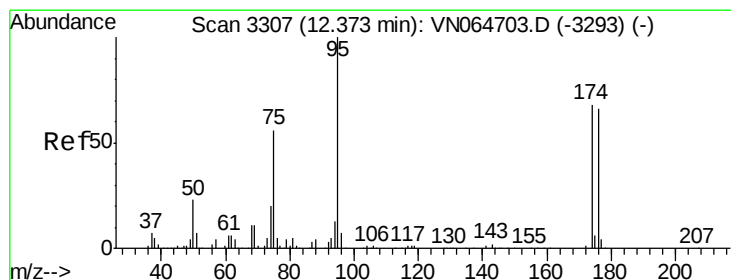
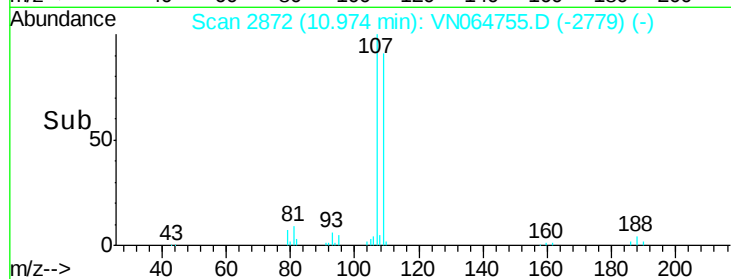
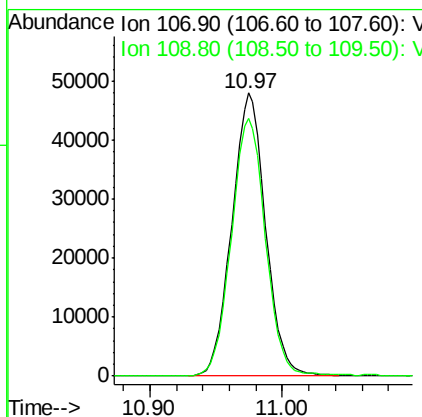
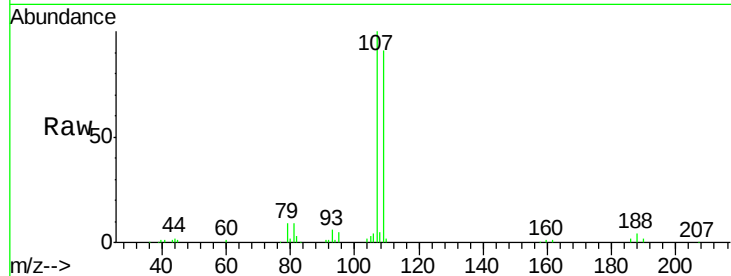
#61
 1,2-Dibromoethane
 Concen: 18.584 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.0	74.2	111.4

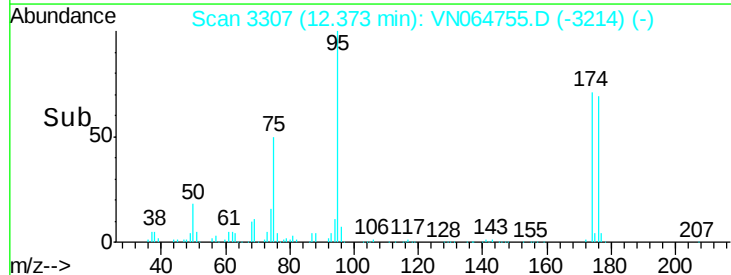
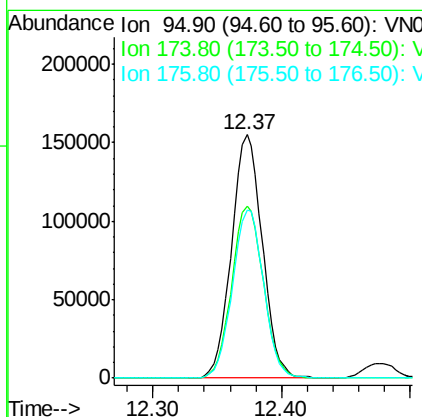
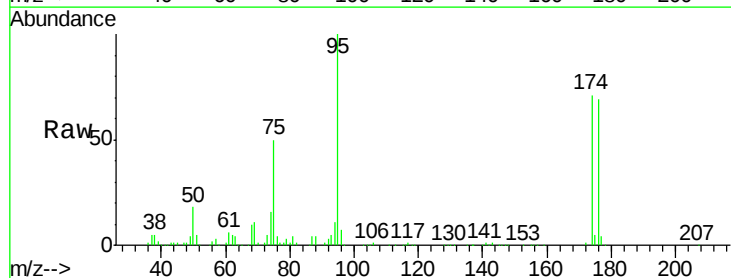
Manual Integrations
 APPROVED

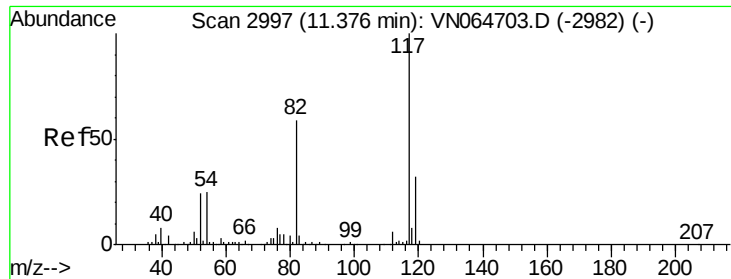
MMDadoda
 11/24/2020 3:11:36 PM



#62
 4-Bromofluorobenzene
 Concen: 44.111 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	136.8
176	70.1	0.0	134.2





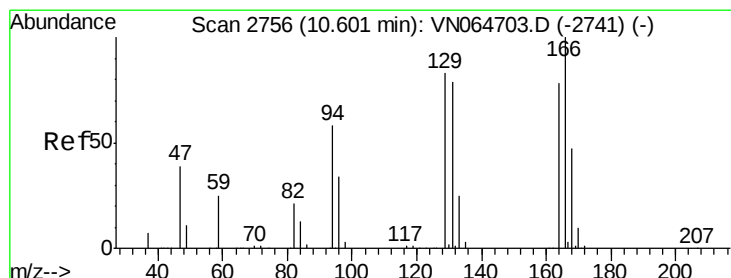
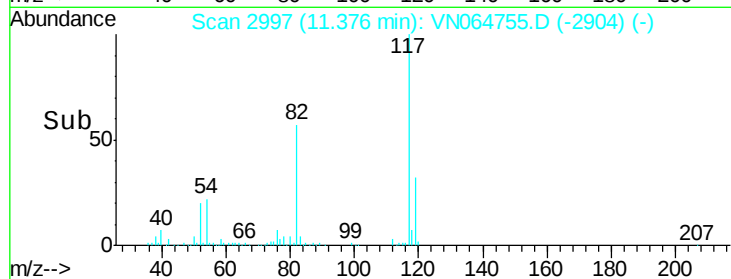
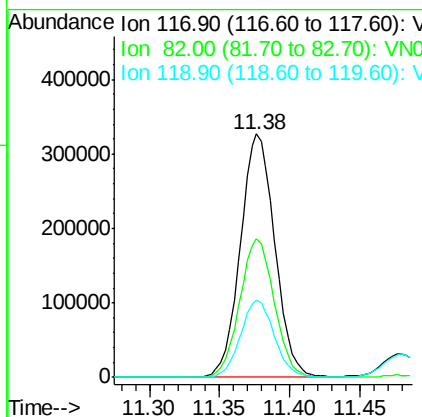
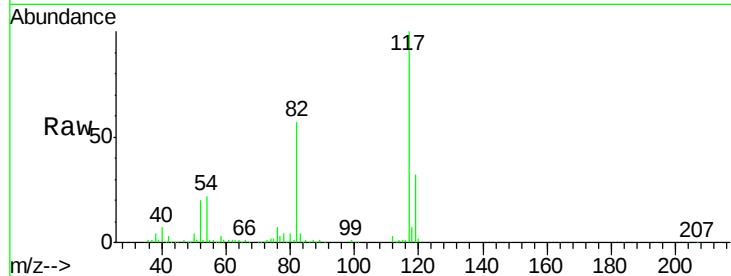
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	559641		
82	57.0		47.0	70.6
119	31.9		25.4	38.2

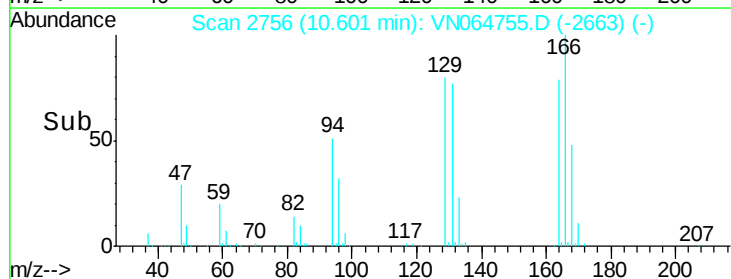
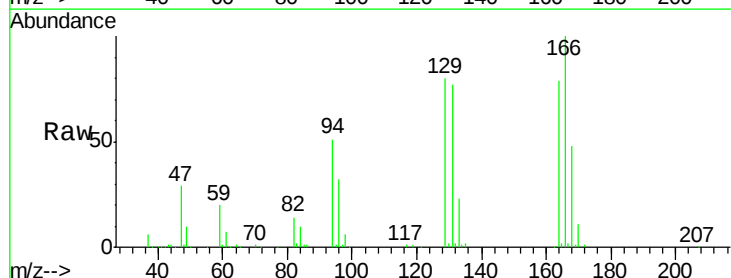
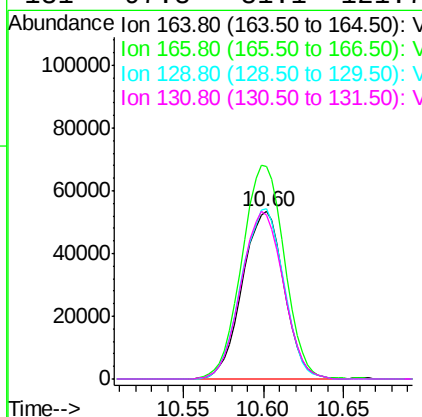
Manual Integrations
APPROVED

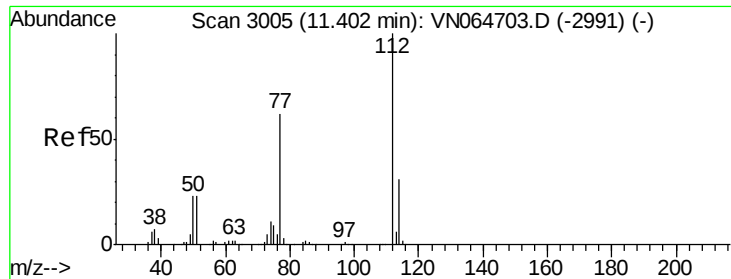
MMDadoda
11/24/2020 3:11:36 PM



#64
Tetrachloroethene
Concen: 19.200 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	95258		
166	126.6		102.2	153.4
129	101.6		84.7	127.1
131	97.8		81.1	121.7





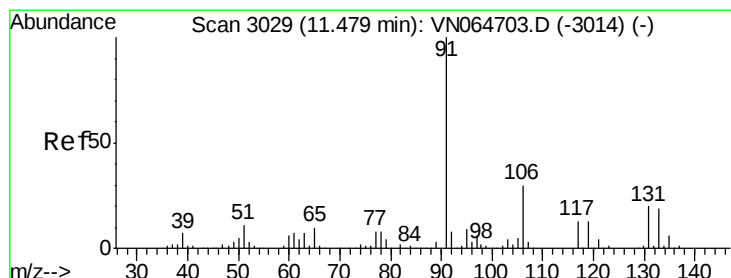
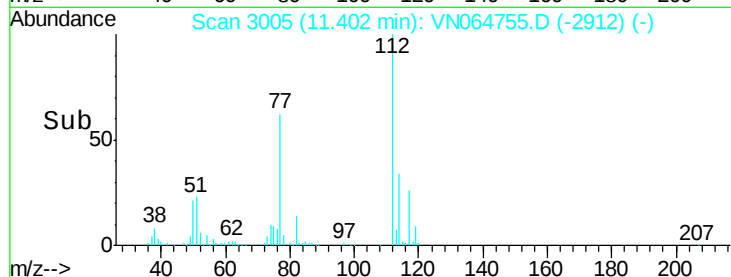
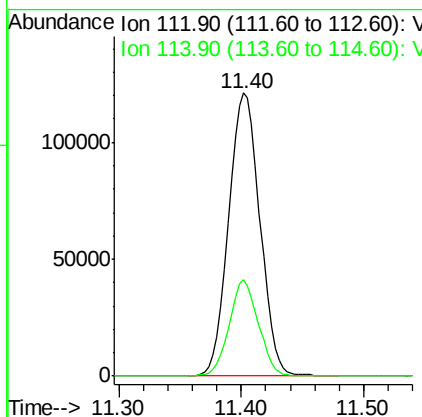
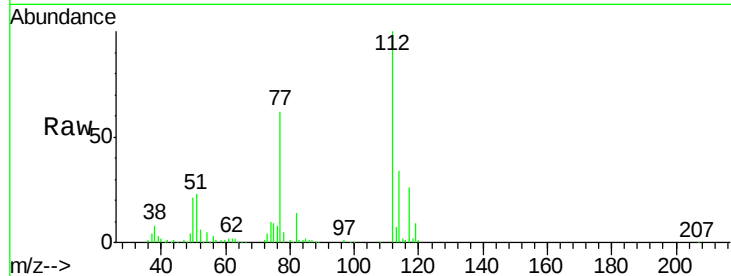
#65
Chlorobenzene
Concen: 18.181 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion:112 Resp: 216436
Ion Ratio Lower Upper
112 100
114 34.2 24.7 37.1

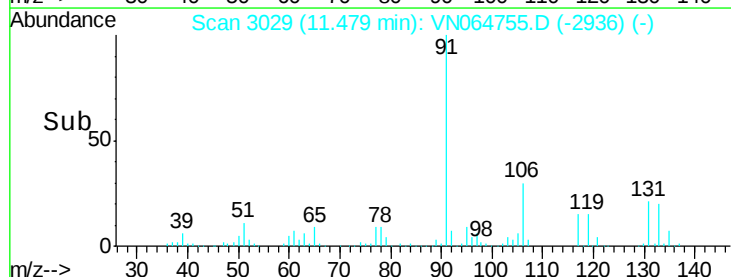
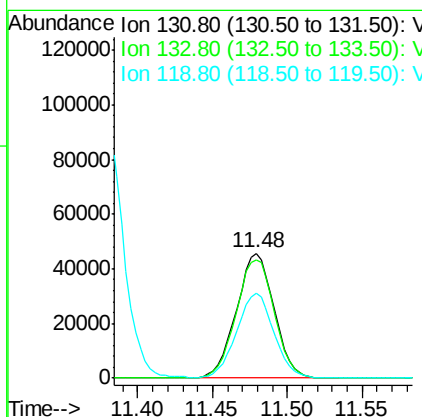
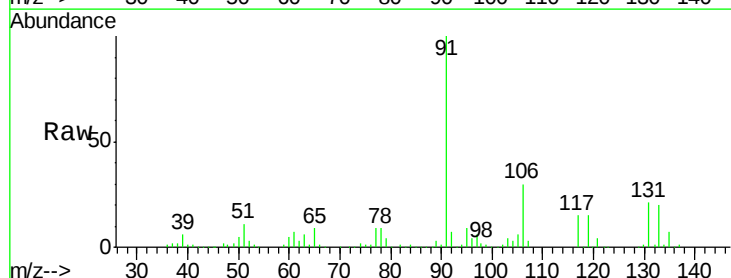
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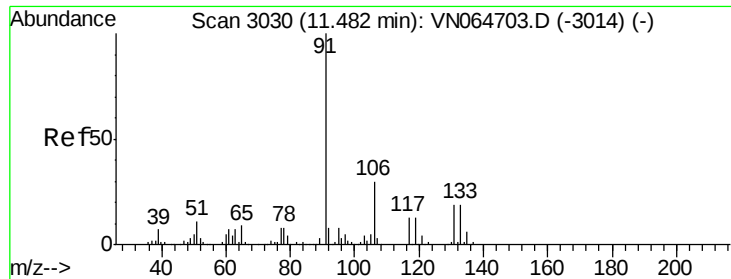
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.011 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion:131 Resp: 80115
Ion Ratio Lower Upper
131 100
133 96.6 48.8 146.4
119 67.1 33.5 100.4





#67

Ethyl Benzene

Concen: 17.343 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 91 Resp: 364023

Ion Ratio Lower Upper

91 100

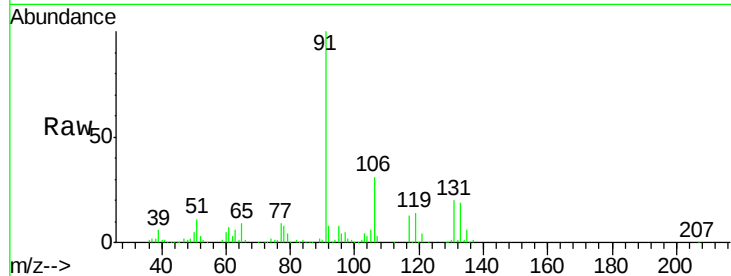
106 31.0 23.9 35.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064703.D (-3014) (-)

Ion 106.00 (105.70 to 106.70): VN064703.D (-3014) (-)

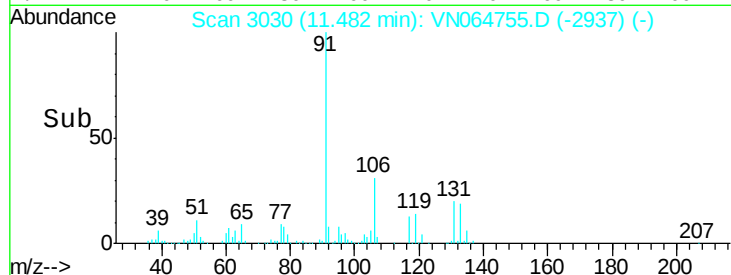
300000

200000

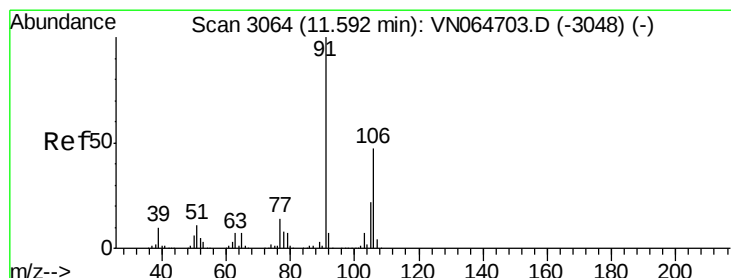
100000

0

11.40 11.45 11.50 11.55



Time-->



#68

m/p-Xylenes

Concen: 34.959 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN064755.D

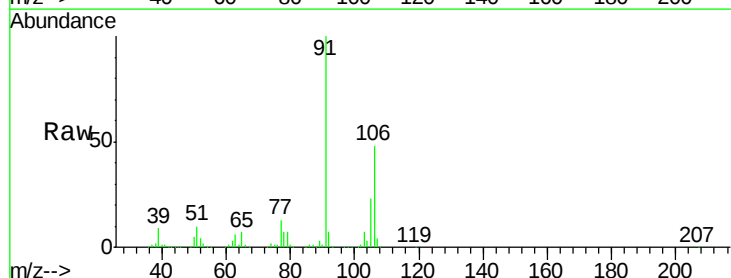
Acq: 20 Nov 2020 3:07

Tgt Ion: 106 Resp: 274494

Ion Ratio Lower Upper

106 100

91 207.4 171.9 257.9



Abundance Ion 106.00 (105.70 to 106.70): VN064703.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN064703.D (-3048) (-)

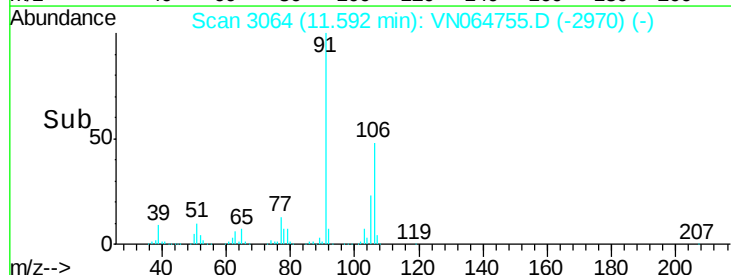
300000

200000

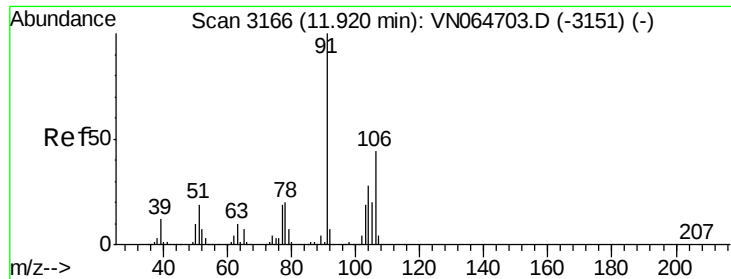
100000

0

11.50 11.55 11.60



Time-->



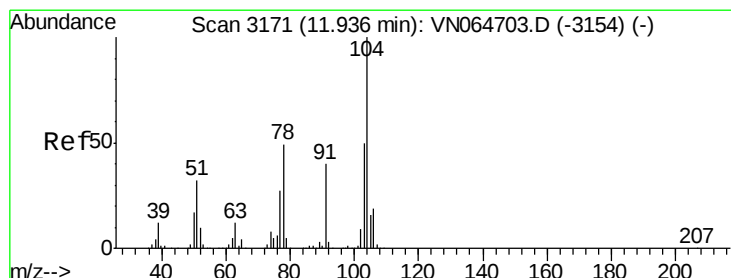
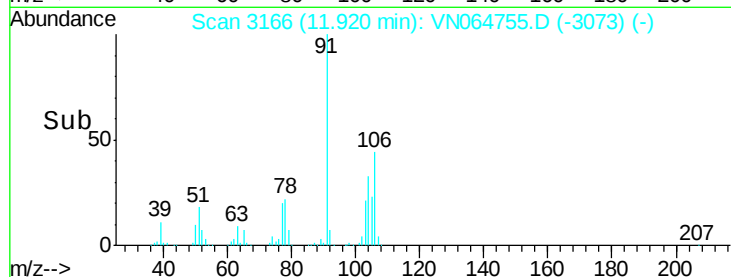
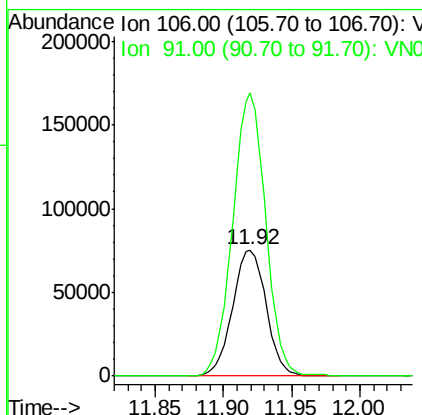
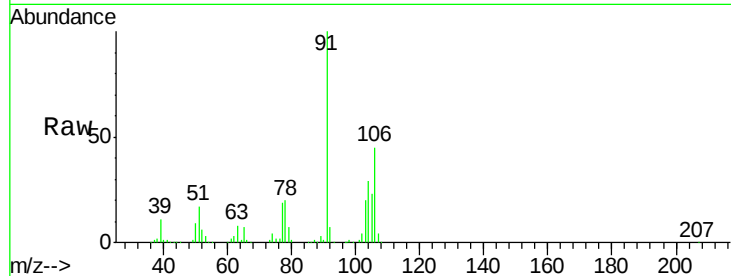
#69
o-Xylene
Concen: 17.655 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	129283		
91	91	220.0	112.1	336.3	

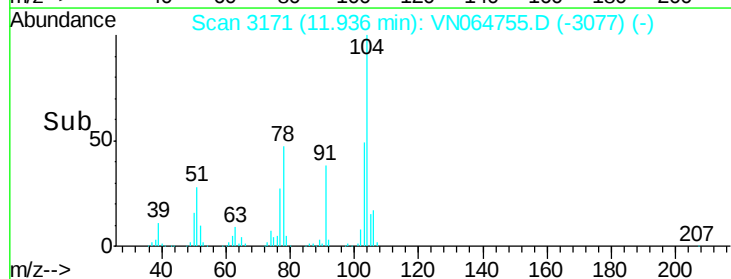
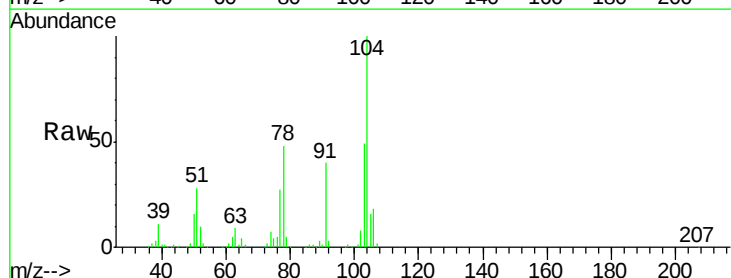
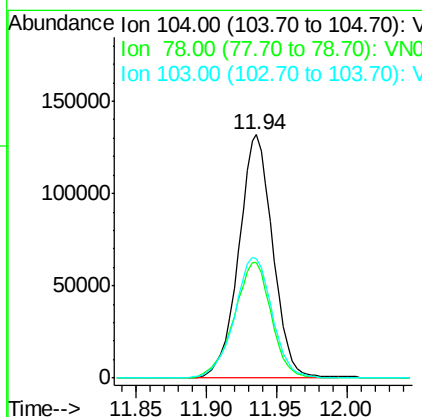
Manual Integrations
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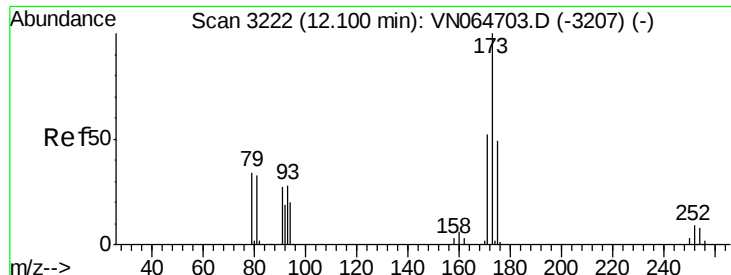
MMDadoda
11/24/2020 3:11:36 PM



#70
Styrene
Concen: 17.335 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	222642		
78	78	52.3	44.1	66.1	
103	103	55.0	43.7	65.5	





#71

Bromoform

Concen: 18.087 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

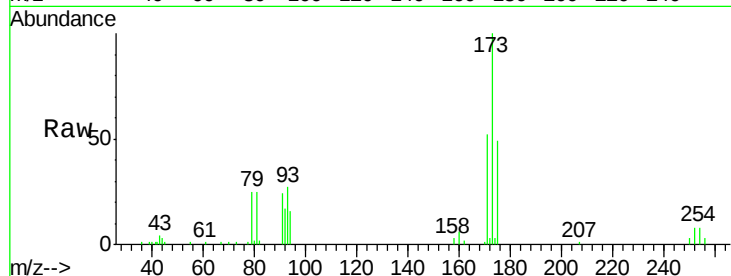
ClientSampleId :

VN1119WBSD02

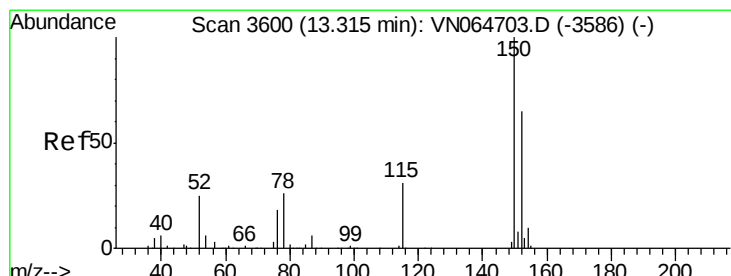
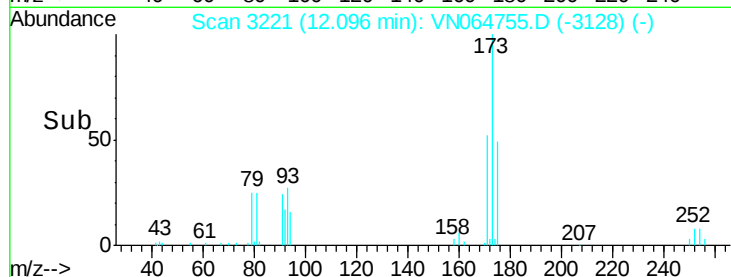
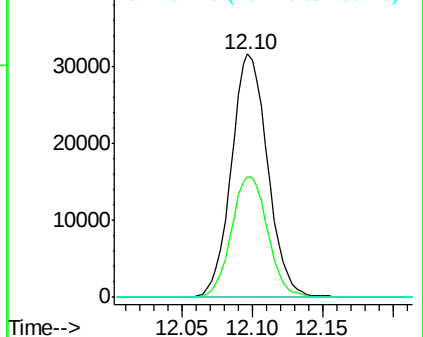
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.3	72.9
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

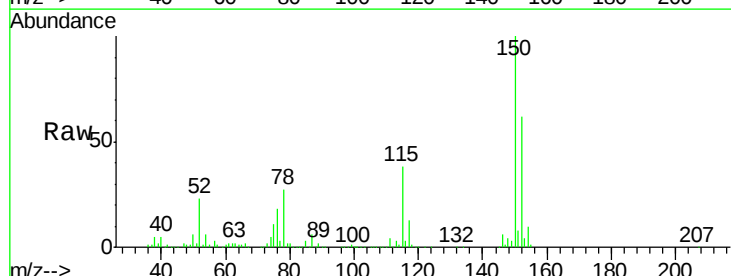
RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

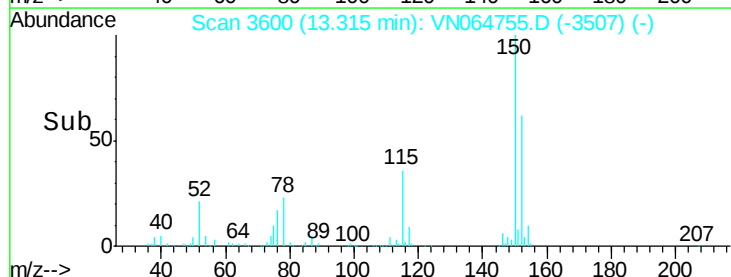
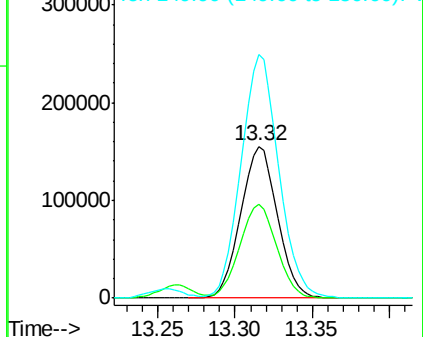
Lab File: VN064755.D

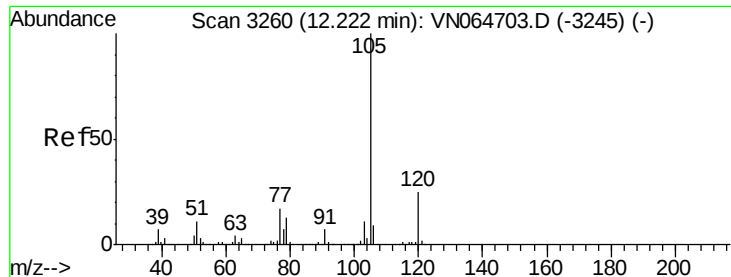
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	32.1	96.3
150	164.2	0.0	344.8



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





#73

Isopropylbenzene

Concen: 18.141 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion: 105 Resp: 330243

Ion Ratio Lower Upper

105 100

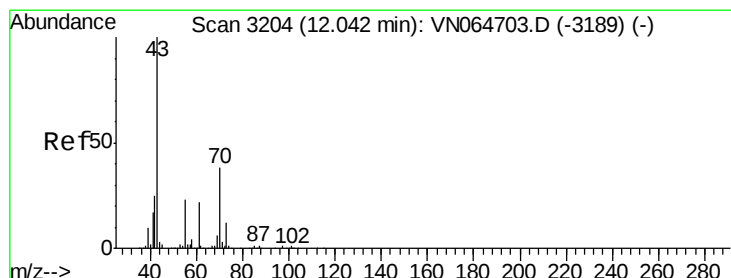
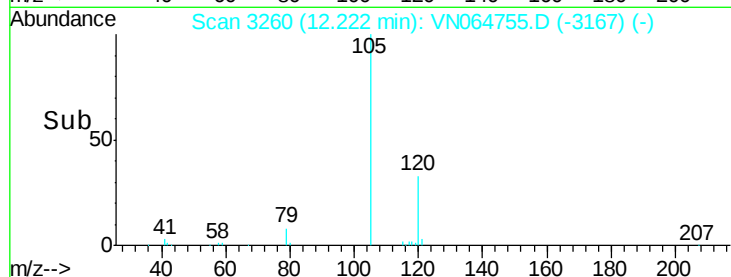
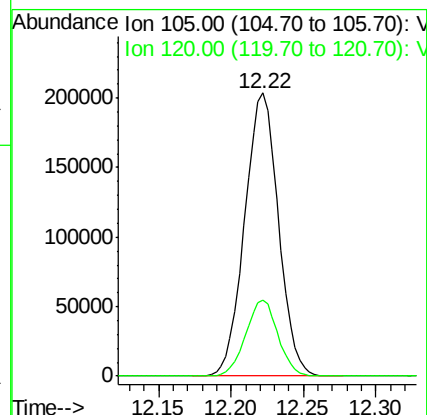
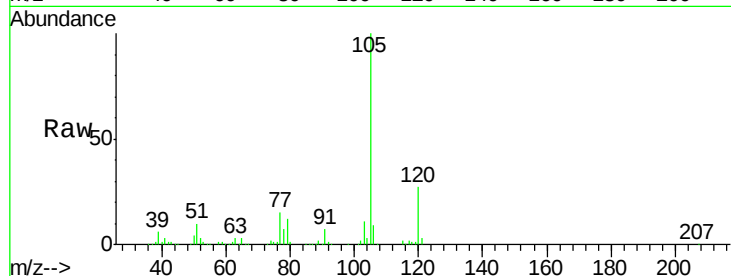
120 25.8 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 17.106 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Tgt Ion: 43 Resp: 145428

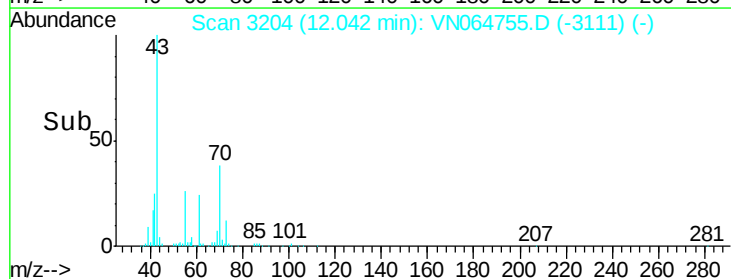
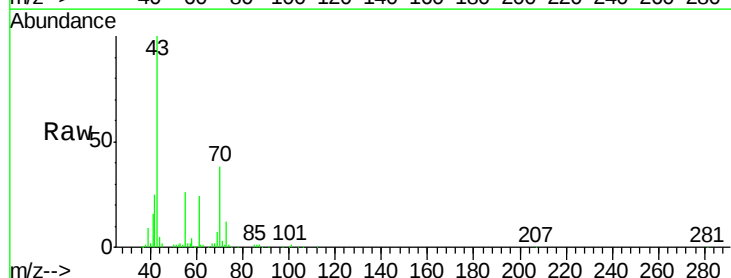
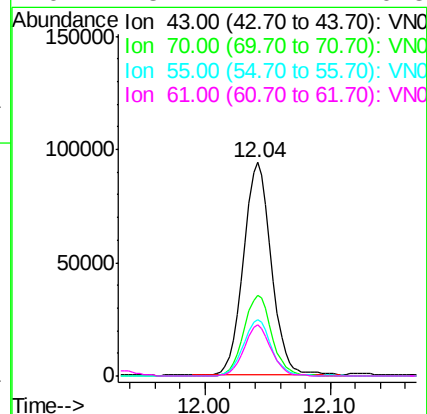
Ion Ratio Lower Upper

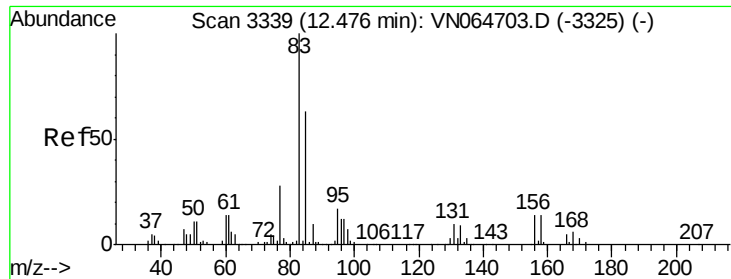
43 100

70 38.0 30.3 45.5

55 26.6 18.9 28.3

61 23.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.928 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

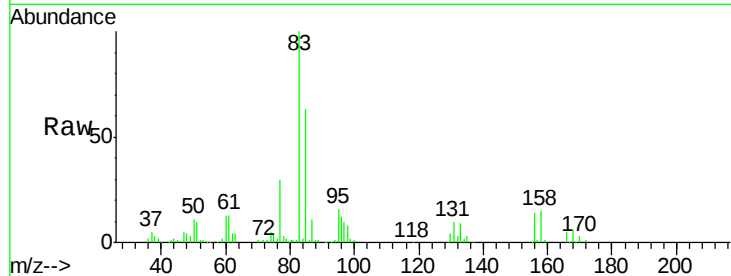
ClientSampleId :

VN1119WBSD02

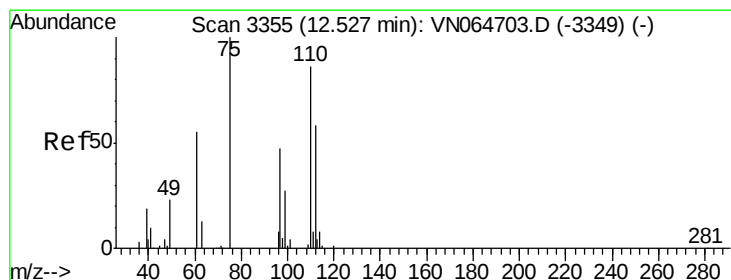
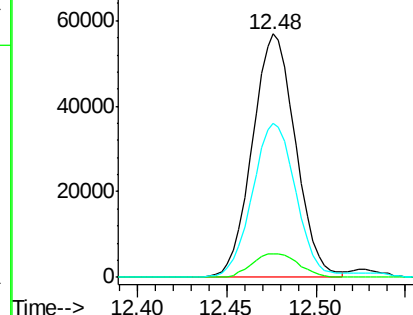
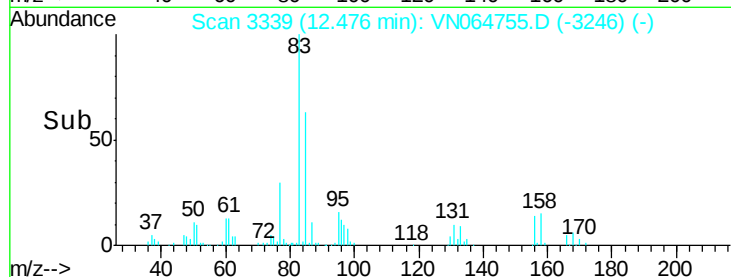
Tot Ion:	83	Resp:	96336
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	15.0
85	63.7	31.8	95.4

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Abundance Ion 82.90 (82.60 to 83.60): VN064755.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 19.859 ug/l m

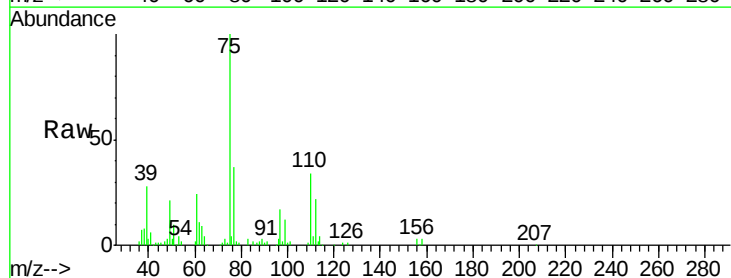
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

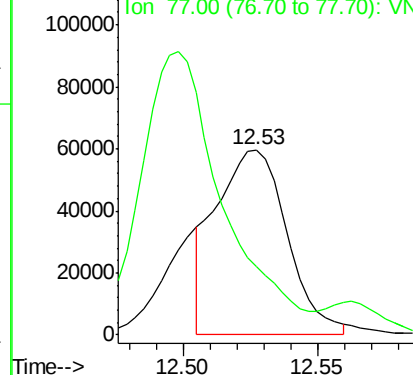
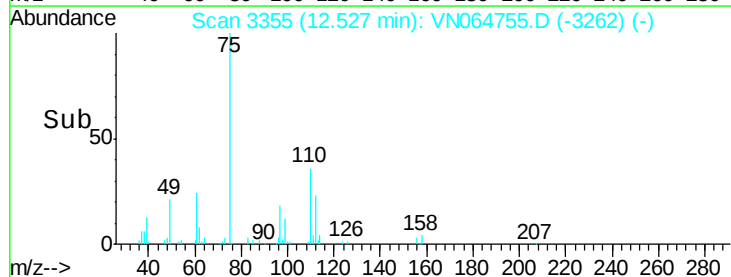
Lab File: VN064755.D

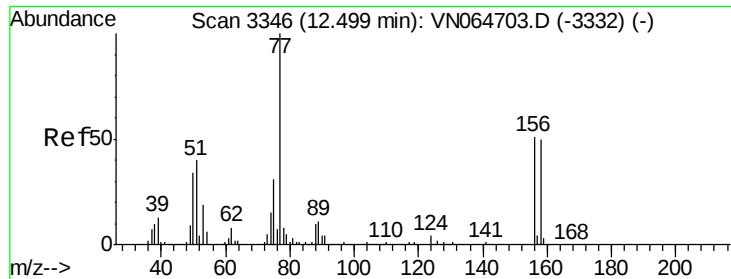
Acq: 20 Nov 2020 3:07

Tgt Ion:	75	Resp:	109709
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064755.D (-3262) (-)





#77

Bromobenzene

Concen: 19.185 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

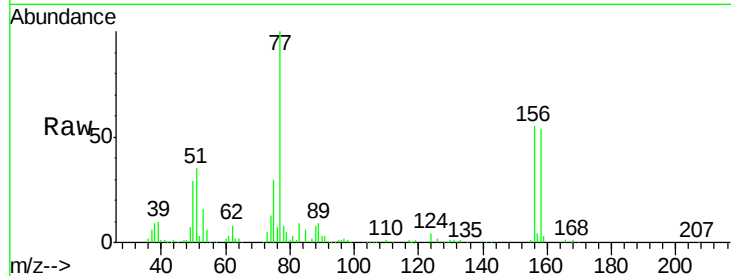
ClientSampleId :

VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	221.5	117.3	351.9
158	98.1	49.0	147.2

Manual Integrations
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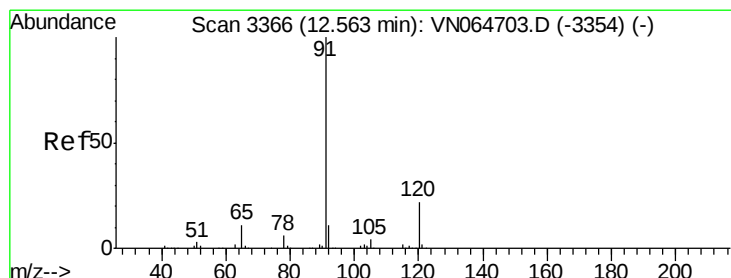
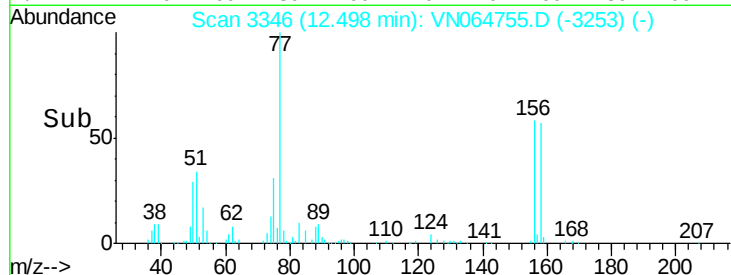
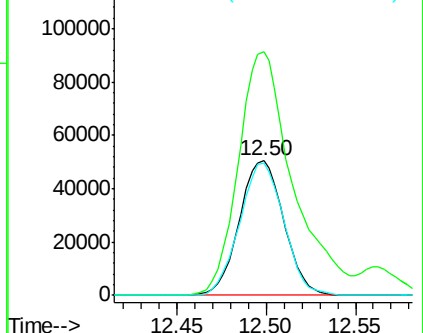


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.140 ug/l

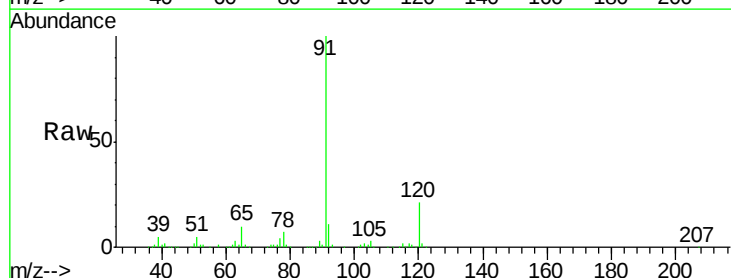
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

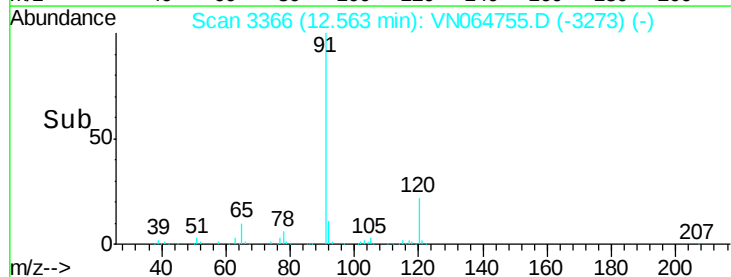
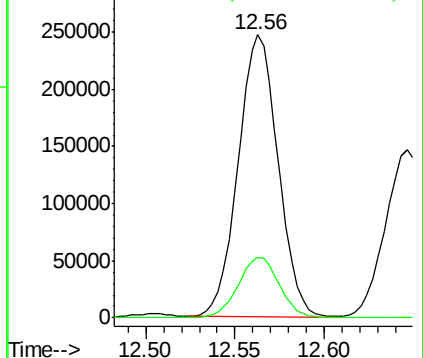
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	10.9	32.9

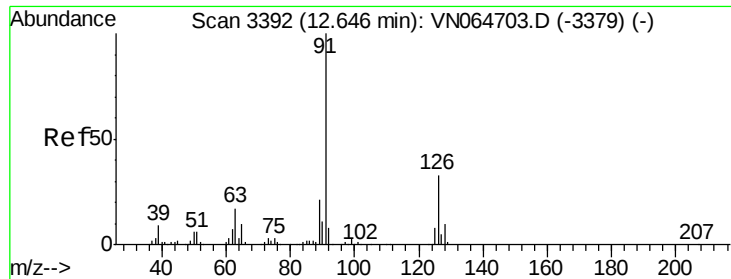


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





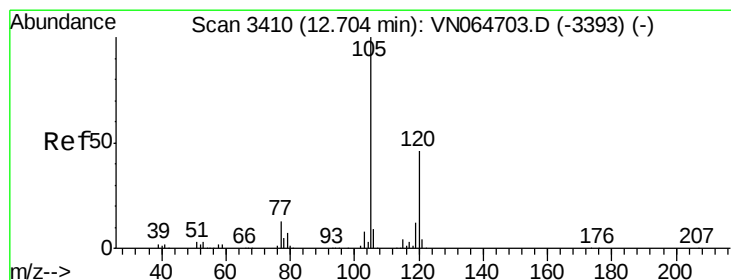
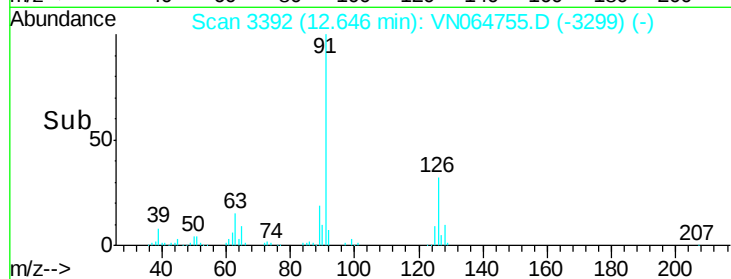
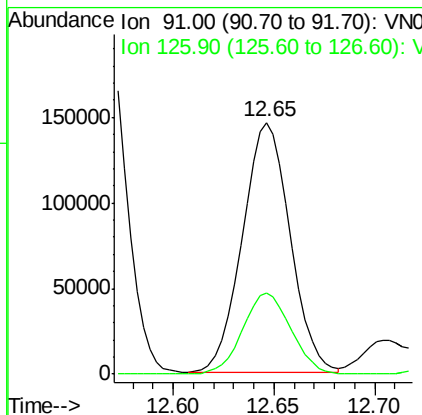
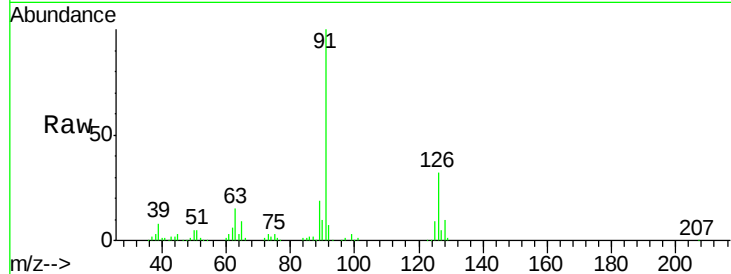
#79
 2-Chlorotoluene
 Concen: 17.843 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		242108		
126	33.0	16.0	48.0		

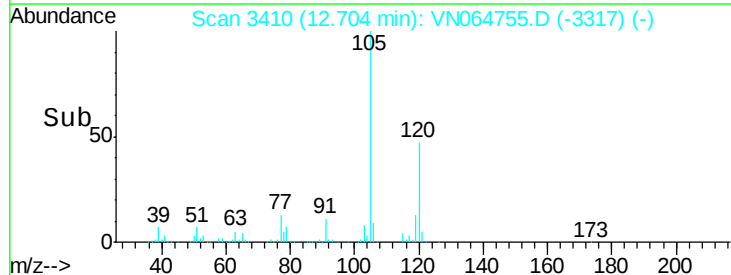
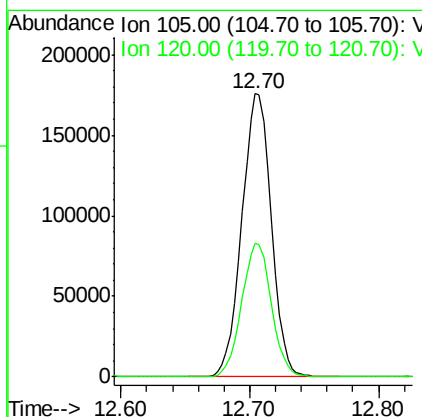
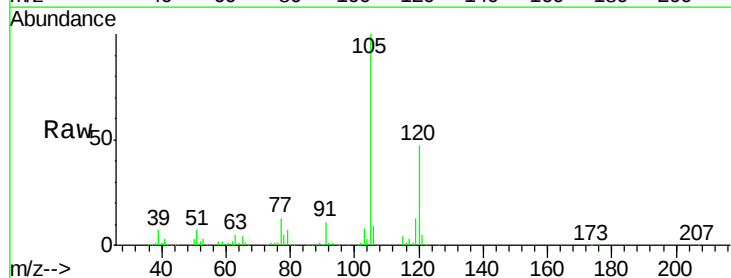
Manual Integrations
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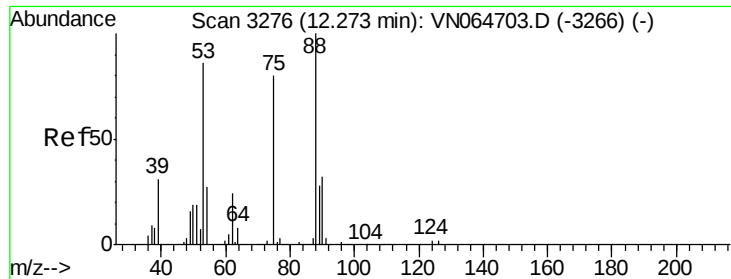
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.553 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		280553		
120	47.5	22.9	68.8		





#81

trans-1,4-Dichloro-2-butene

Concen: 16.441 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

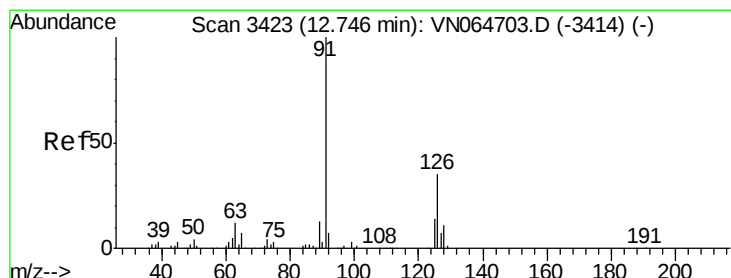
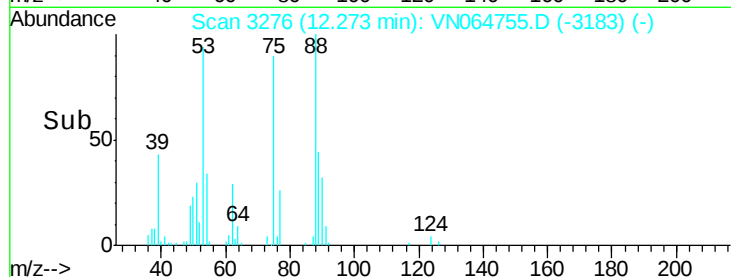
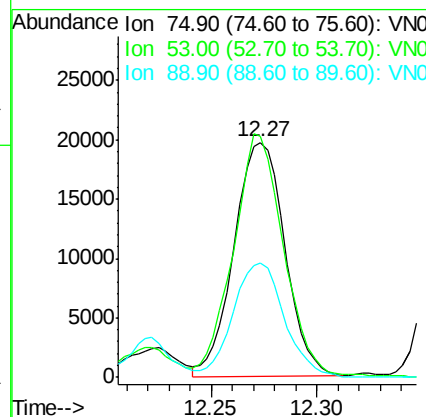
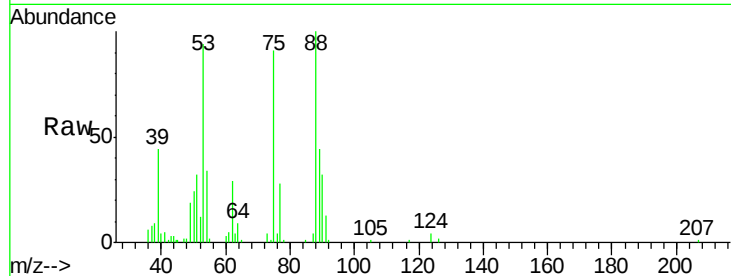
ClientSampleId :

VN1119WBSD02

Tot Ion:	75	Resp:	32975
Ion Ratio	Lower	Upper	
75	100		
53	101.5	88.8	133.2
89	49.5	43.1	64.7

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#82

4-Chlorotoluene

Concen: 17.832 ug/l

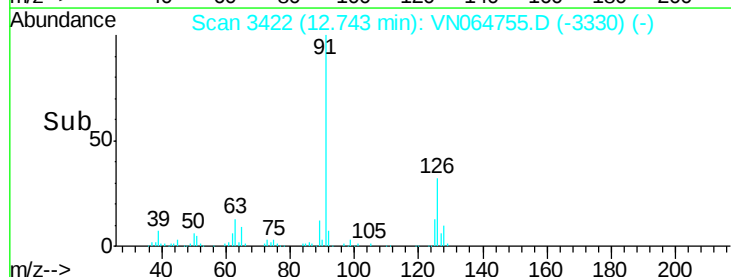
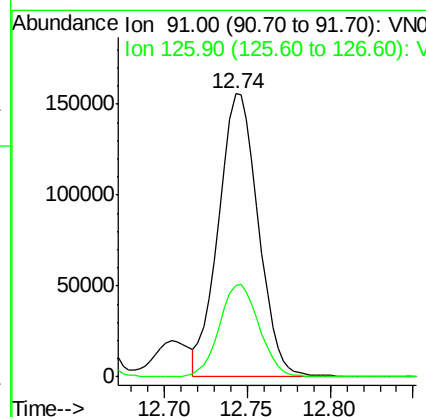
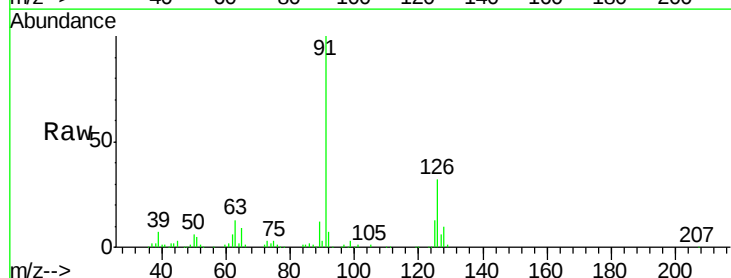
RT: 12.74 min Scan# 3422

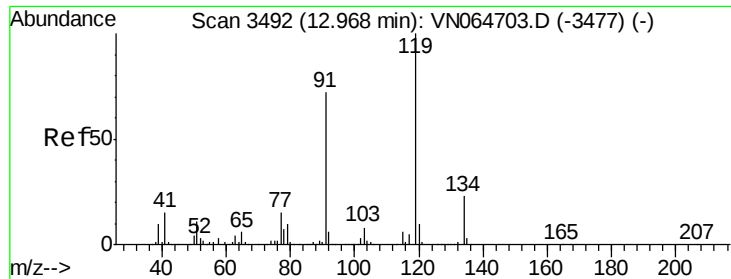
Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Tgt Ion:	91	Resp:	257997
Ion Ratio	Lower	Upper	
91	100		
126	33.0	15.9	47.7





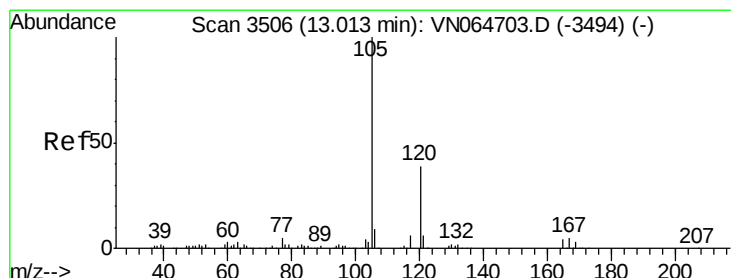
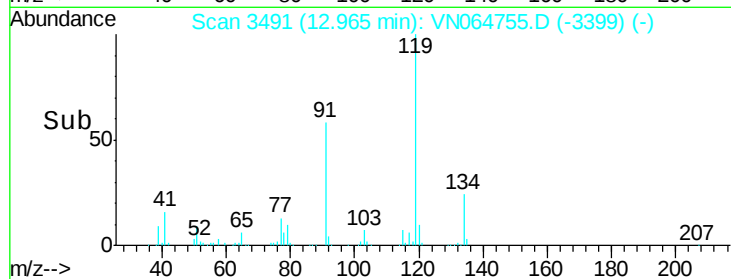
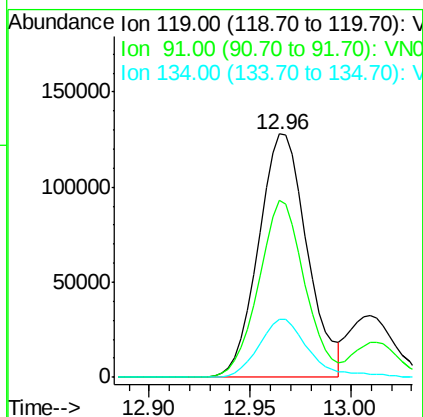
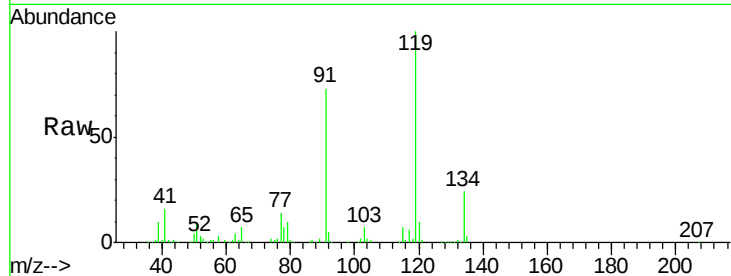
#83
 tert-Butylbenzene
 Concen: 18.369 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.8	35.8	107.4
134	24.7	12.0	36.1

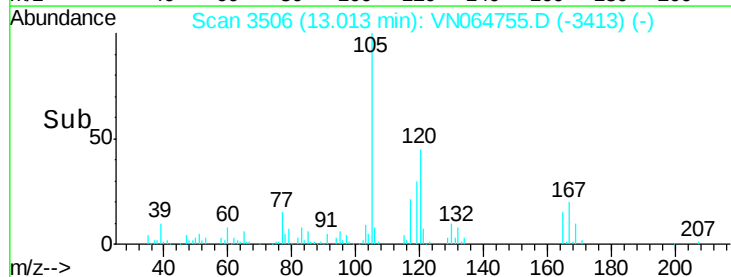
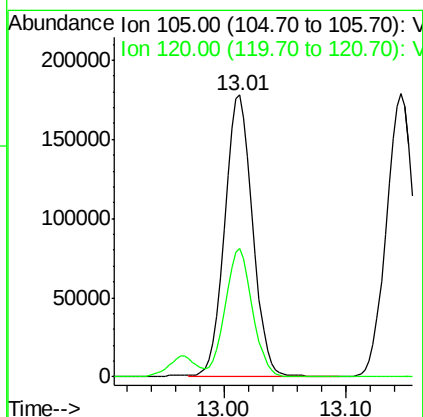
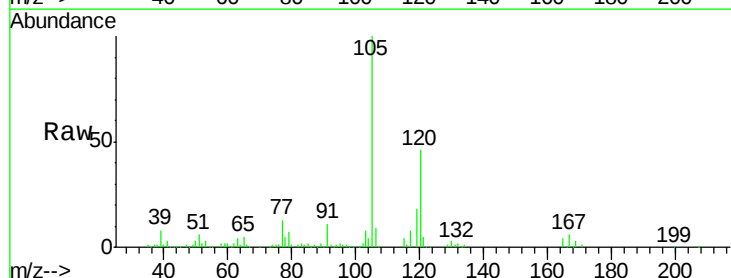
Manual Integrations
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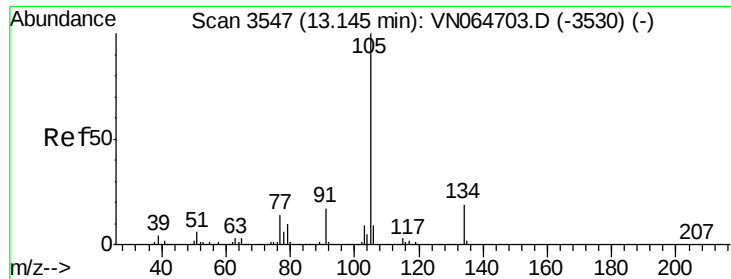
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.445 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.0	66.0





#85

sec-Butylbenzene

Concen: 18.304 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD02

Tot Ion:105 Resp: 285406

Ion Ratio Lower Upper

105 100

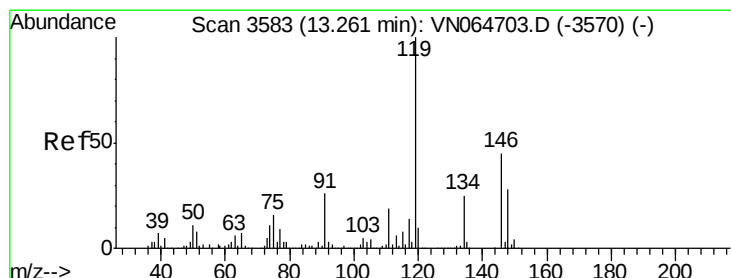
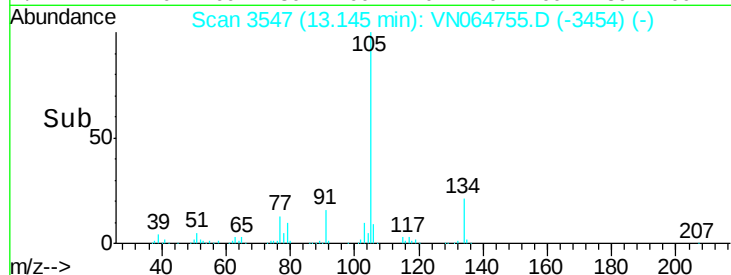
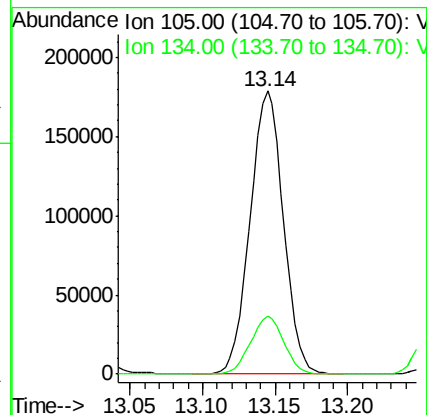
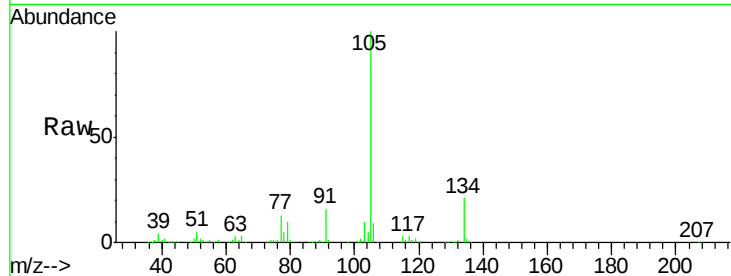
134 20.3 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 17.813 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

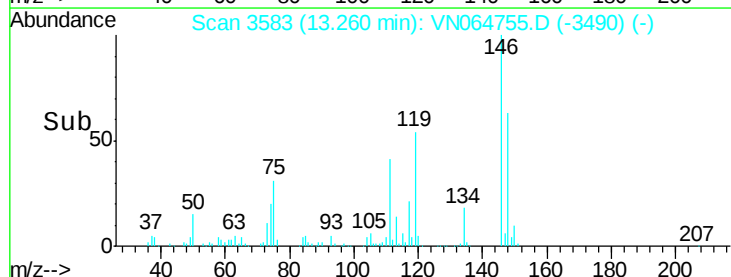
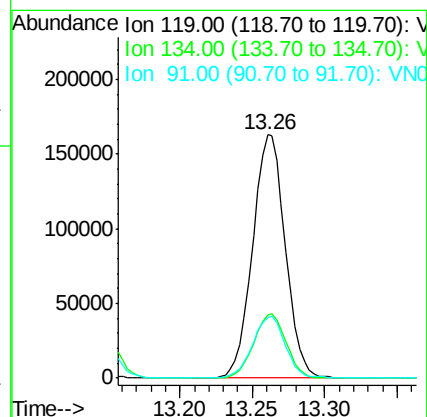
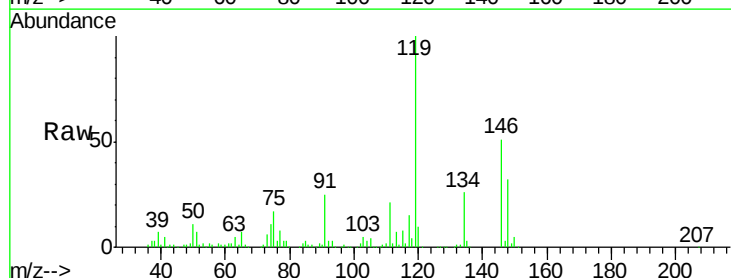
Tgt Ion:119 Resp: 255447

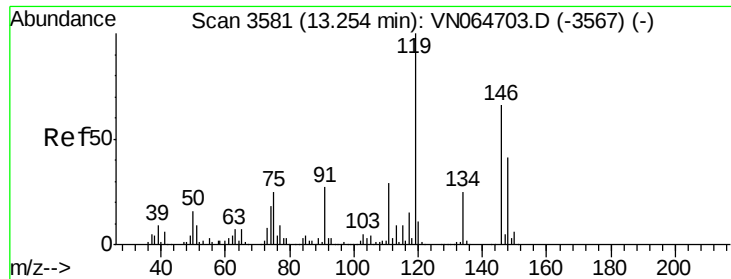
Ion Ratio Lower Upper

119 100

134 26.3 12.7 38.0

91 25.6 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 18.690 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064755.D

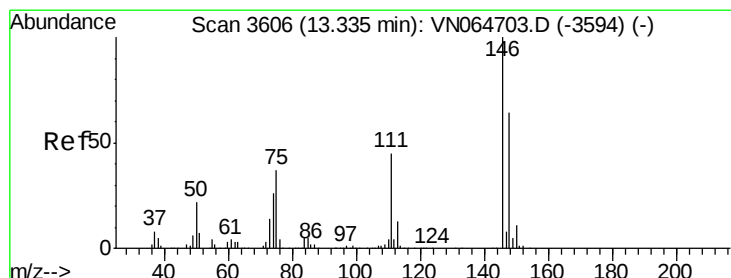
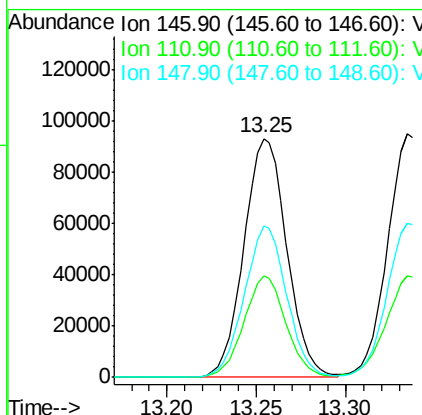
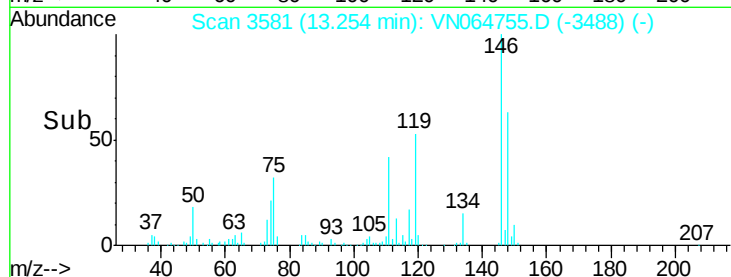
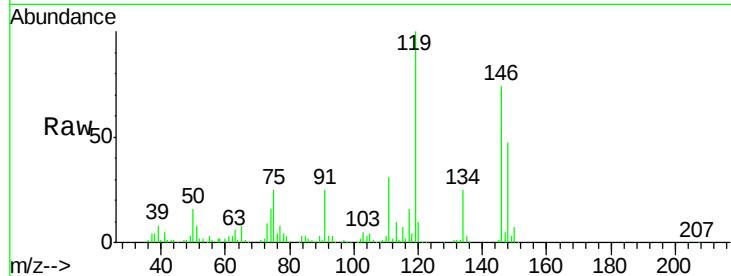
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	156352		
111	41.4	21.8	65.4	
148	62.6	31.5	94.5	

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#88

1,4-Dichlorobenzene

Concen: 18.339 ug/l

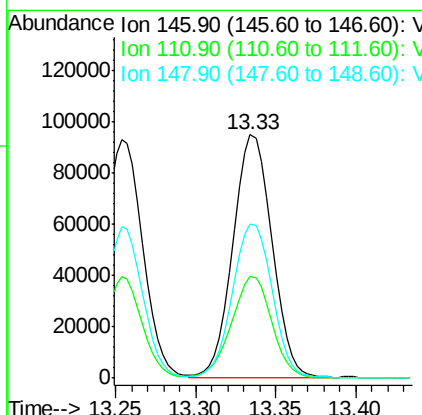
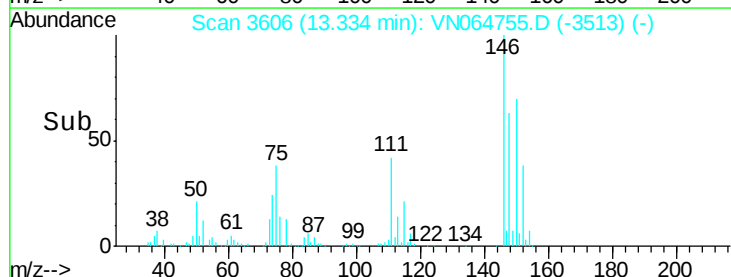
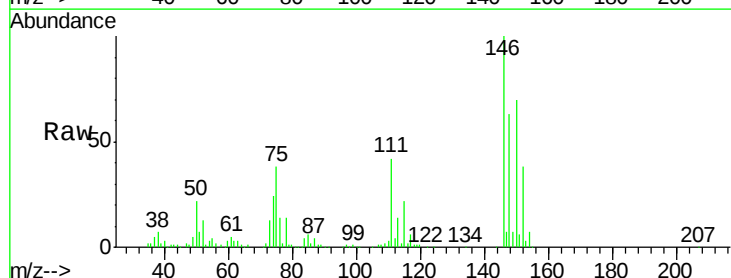
RT: 13.33 min Scan# 3606

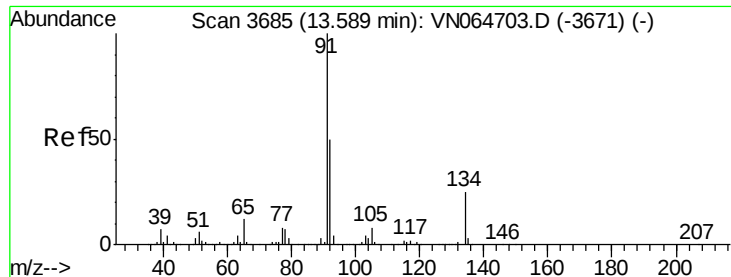
Delta R.T. -0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	157506		
111	43.2	22.3	66.8	
148	64.4	31.6	94.7	





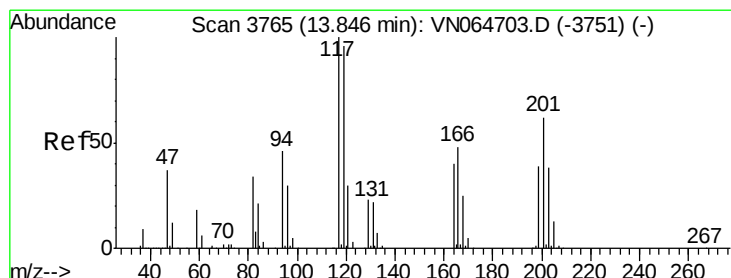
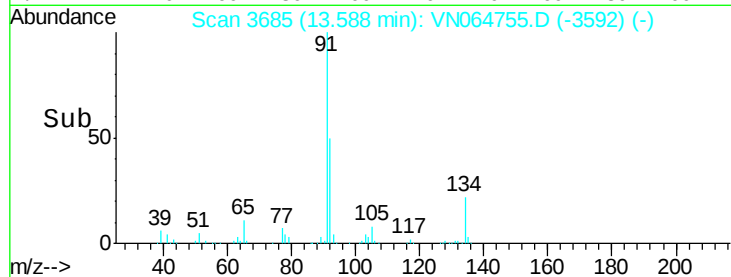
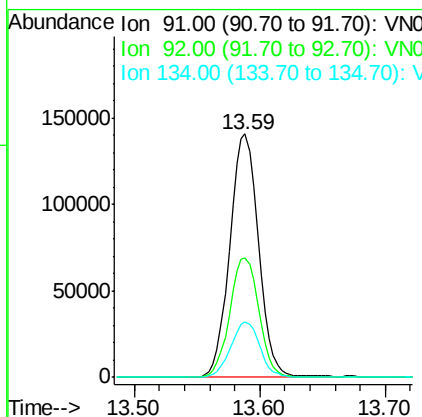
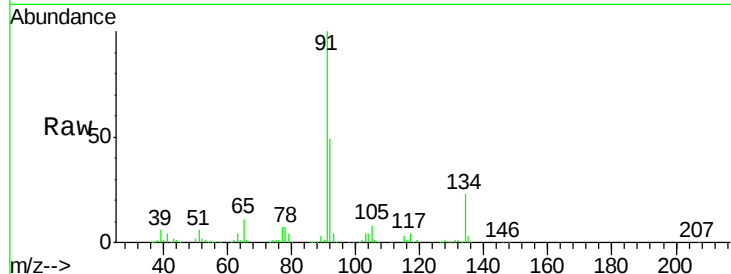
#89
n-Butylbenzene
Concen: 16.756 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.0	24.9	74.8
134	23.0	12.0	36.0

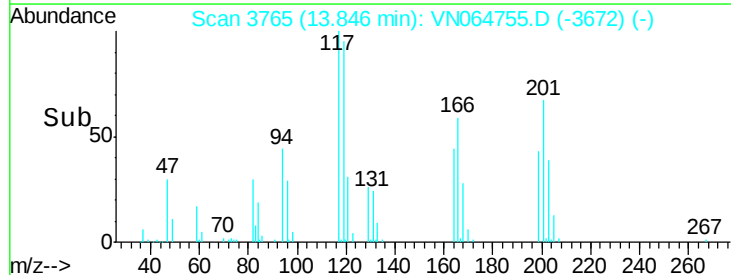
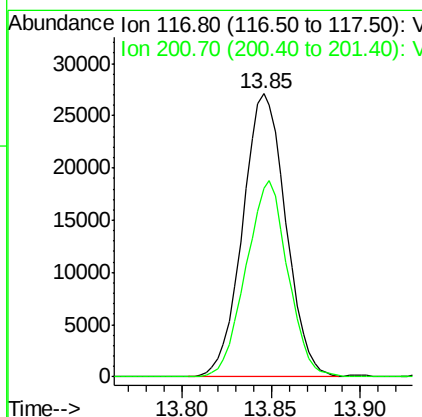
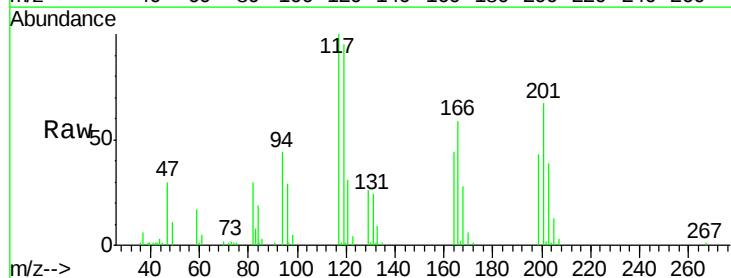
Manual Integrations
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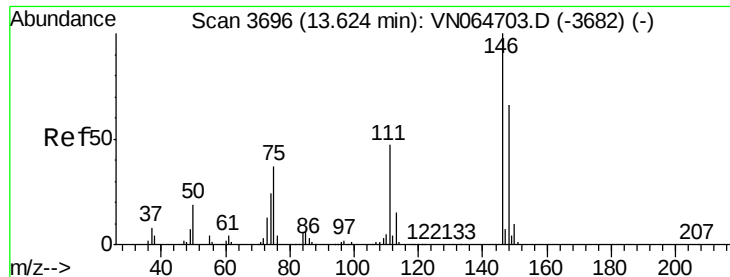
MMDadoda
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#90
Hexachloroethane
Concen: 19.317 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064755.D
Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.3	31.9	95.5





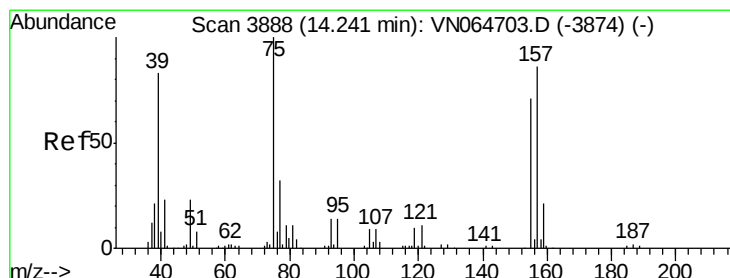
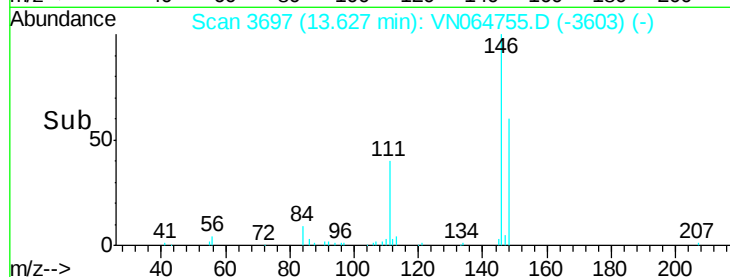
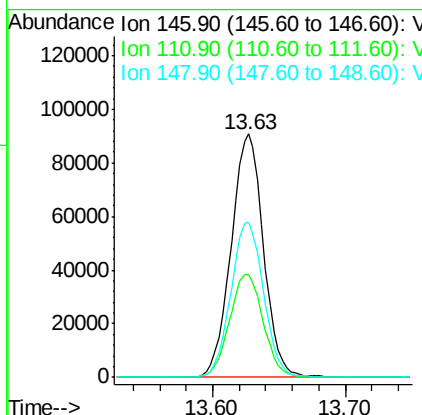
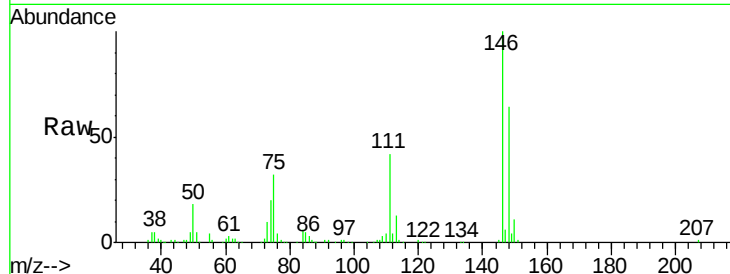
#91
 1,2-Dichlorobenzene
 Concen: 18.754 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	23.1	69.3
148	64.7	32.2	96.6

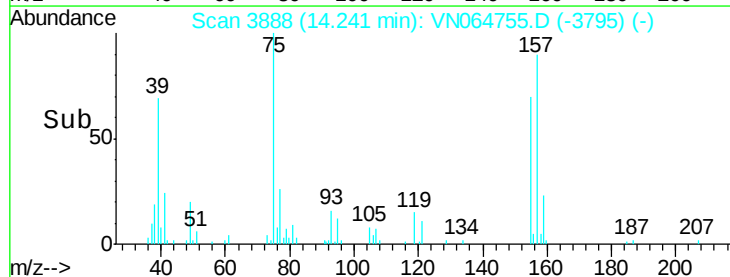
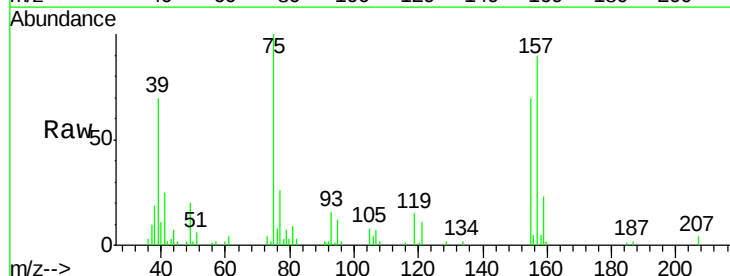
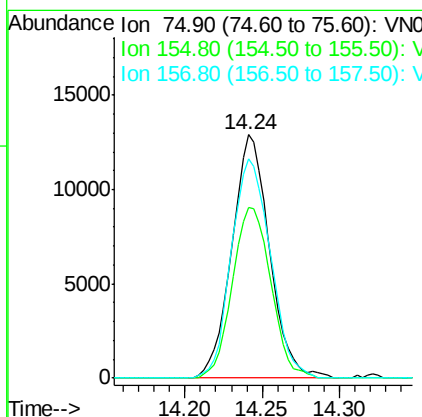
Manual Integrations
 APPROVED

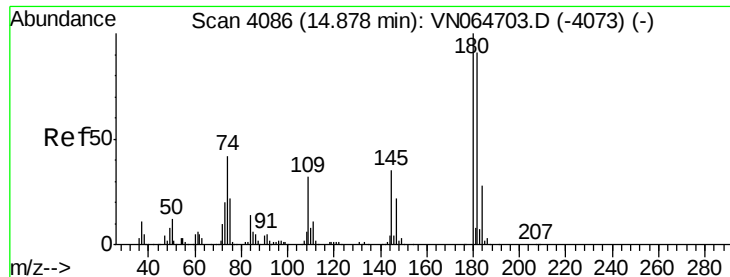
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.358 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.5	33.6	100.6
157	93.3	42.4	127.2





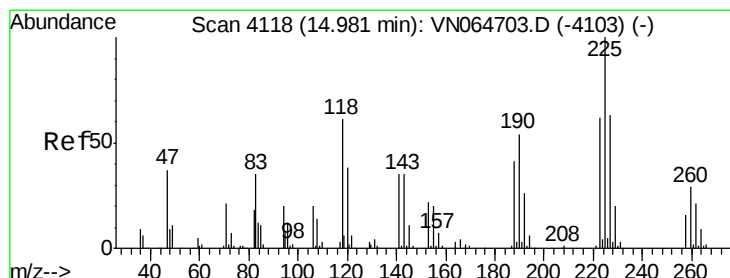
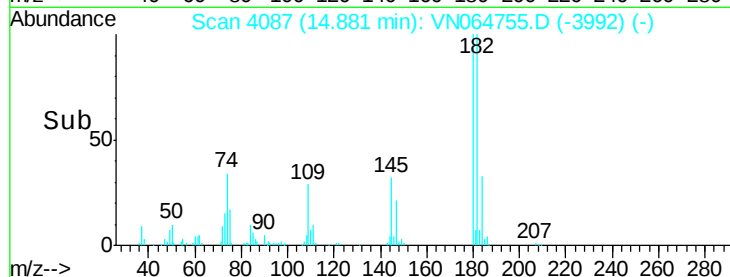
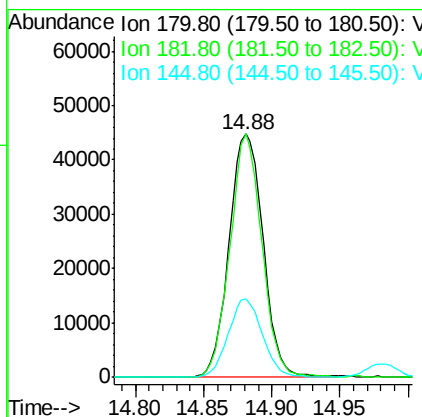
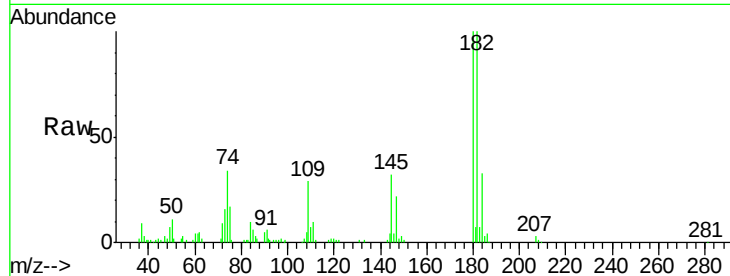
#93
 1,2,4-Trichlorobenzene
 Concen: 18.321 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.0	77652	47.3	141.8
145	32.4		17.5	52.5

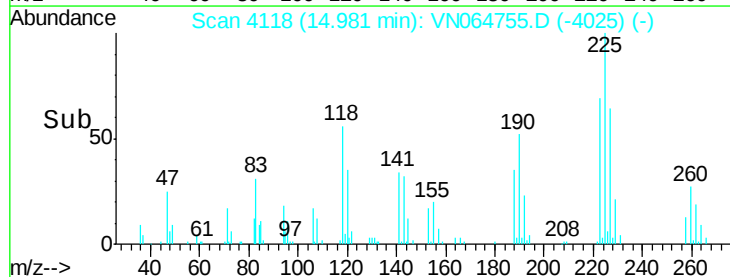
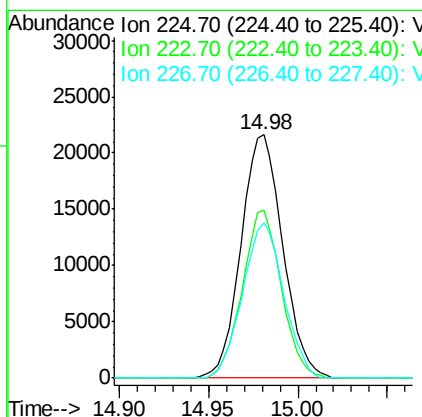
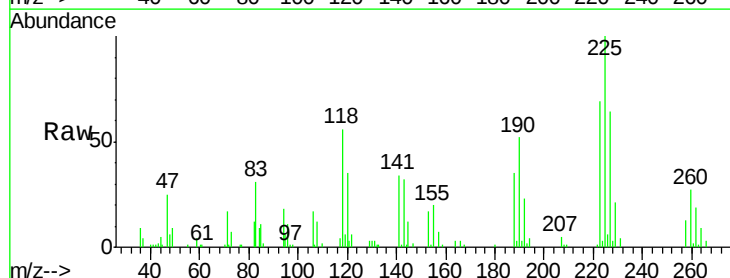
Manual Integrations
 APPROVED

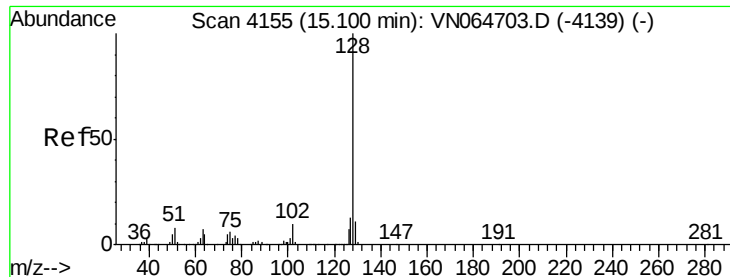
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#94
 Hexachlorobutadiene
 Concen: 19.046 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064755.D
 Acq: 20 Nov 2020 3:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	35256		
223	64.3		31.2	93.6
227	62.7		32.1	96.3





#95

Naphthalene

Concen: 16.684 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Instrument :

MSVOA_N

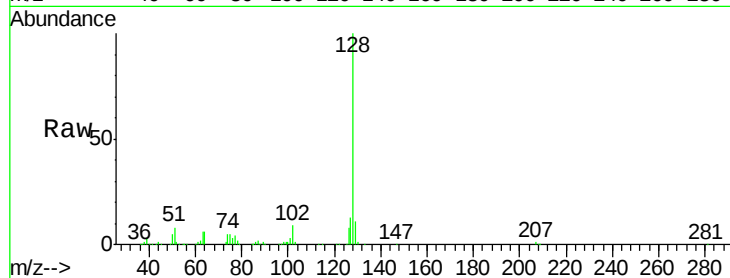
ClientSampleId :

VN1119WBSD02

Tot Ion:	128	Resp:	240434
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	11.3	8.9	13.3

Manual Integrations
APPROVED

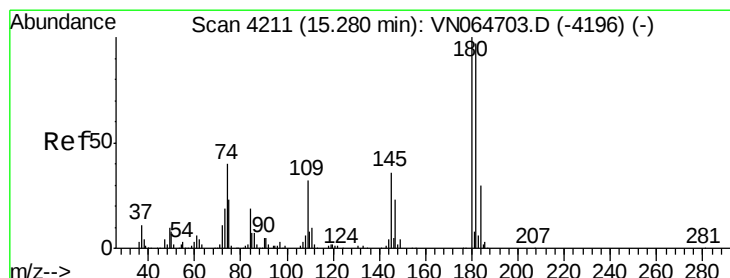
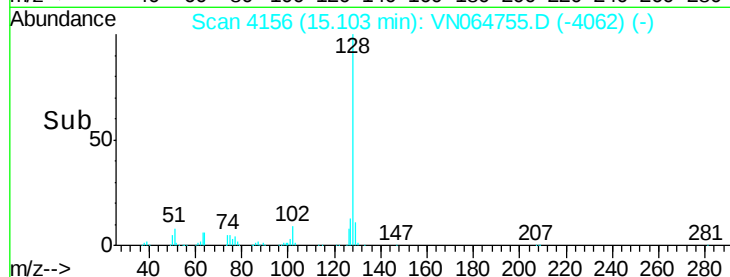
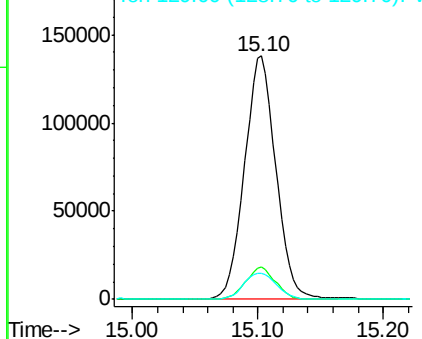
MMDadoda
11/24/2020 3:11:36 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.009 ug/l

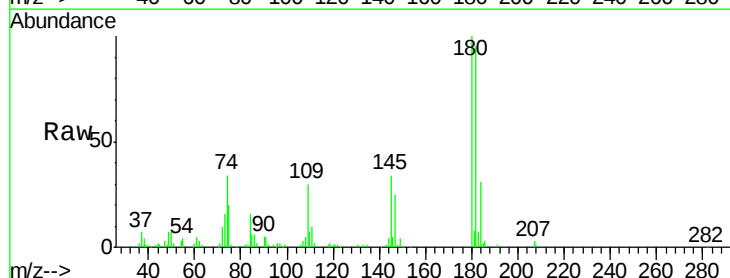
RT: 15.28 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN064755.D

Acq: 20 Nov 2020 3:07

Tgt Ion:	180	Resp:	74724
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.5	142.5
145	36.1	18.1	54.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

