

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064773.D
 Acq On : 20 Nov 2020 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:49 PM

Quant Time: Nov 20 15:16:50 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	7.63	168	386649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	659925	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	618853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	297289	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	277697	40.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.66%	
35) Dibromofluoromethane	7.55	113	204236	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.06	98	821524	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.37	95	293255	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	204102	42.246	ug/l	97
3) Chloromethane	2.04	50	275696	51.606	ug/l	98
4) Vinyl Chloride	2.17	62	278257	49.918	ug/l	99
5) Bromomethane	2.53	94	168556	41.236	ug/l	95
6) Chloroethane	2.68	64	166784	44.345	ug/l	96
7) Trichlorofluoromethane	2.99	101	365672	36.627	ug/l	100
8) Diethyl Ether	3.37	74	136627	42.413	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	209268	48.503	ug/l	97
10) Methyl Iodide	3.91	142	247787	48.045	ug/l	95
11) Tert butyl alcohol	4.74	59	168514	255.370	ug/l	98
12) 1,1-Dichloroethene	3.69	96	209264	50.341	ug/l	96
13) Acrolein	3.56	56	91609	592.961	ug/l	91
14) Allyl chloride	4.28	41	372261	52.155	ug/l	87
15) Acrylonitrile	4.93	53	551462	284.604	ug/l	97
16) Acetone	3.78	43	471897	286.003	ug/l	93
17) Carbon Disulfide	4.01	76	602807	49.865	ug/l	99
18) Methyl Acetate	4.28	43	259167	51.872	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	710968	51.114	ug/l	97
20) Methylene Chloride	4.50	84	246724	48.985	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	228038	49.164	ug/l	95
22) Diisopropyl ether	5.90	45	812833	53.925	ug/l	95
23) Vinyl Acetate	5.85	43	3243992	266.670	ug/l	99
24) 1,1-Dichloroethane	5.80	63	449002	50.842	ug/l	100
25) 2-Butanone	6.79	43	717864	276.052	ug/l	100
26) 2,2-Dichloropropane	6.78	77	298156	35.529	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	261276	51.093	ug/l	93
28) Bromochloromethane	7.15	49	212090	47.631	ug/l	98
29) Tetrahydrofuran	7.17	42	487053	277.199	ug/l	99
30) Chloroform	7.33	83	454164	47.323	ug/l	97
31) Cyclohexane	7.61	56	359186	48.845	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	391989	44.687	ug/l	97
36) 1,1-Dichloropropene	7.75	75	331802	48.871	ug/l	99
37) Ethyl Acetate	6.88	43	317596	55.866	ug/l	99
38) Carbon Tetrachloride	7.73	117	338839	46.960	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	307362	51.093	ug/l	98
40) Benzene	8.00	78	992015	52.440	ug/l	98
41) Methacrylonitrile	7.13	41	145327	55.773	ug/l	96
42) 1,2-Dichloroethane	8.09	62	359496	44.168	ug/l	95
43) Isopropyl Acetate	8.13	43	528873	47.996	ug/l	97
44) Trichloroethene	8.80	130	268891	49.529	ug/l	95
45) 1,2-Dichloropropane	9.08	63	268630	53.273	ug/l	96
46) Dibromomethane	9.17	93	171681	48.031	ug/l	94
47) Bromodichloromethane	9.37	83	358166	47.665	ug/l	99
48) Methyl methacrylate	9.17	41	264276	50.830	ug/l	91
49) 1,4-Dioxane	9.17	88	73721	1136.504	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1577455	237.464	ug/l	96
52) Toluene	10.13	92	604400	51.875	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	375775	46.727	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	393999	47.580	ug/l #	88
55) 1,1,2-Trichloroethane	10.53	97	236652	50.641	ug/l	97
56) Ethyl methacrylate	10.40	69	357058	46.732	ug/l #	90
57) 1,3-Dichloropropane	10.68	76	414670	51.226	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	993619	237.592	ug/l	100
59) 2-Hexanone	10.72	43	1154015	236.632	ug/l	96
60) Dibromochloromethane	10.87	129	266693	49.396	ug/l	99
61) 1,2-Dibromoethane	10.98	107	247271	49.609	ug/l	99
64) Tetrachloroethene	10.60	164	276075	50.321	ug/l	98
65) Chlorobenzene	11.41	112	651055	49.457	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	243790	49.563	ug/l	98
67) Ethyl Benzene	11.48	91	1161010	50.021	ug/l	99
68) m/p-Xylenes	11.59	106	861209	91.725	ug/l	96
69) o-Xylene	11.92	106	406295	50.175	ug/l	97
70) Styrene	11.94	104	717038	45.636	ug/l	97
71) Bromoform	12.10	173	170150	44.769	ug/l #	100
73) Isopropylbenzene	12.22	105	1053168	49.896	ug/l	99
74) N-amyl acetate	12.04	43	470269	47.707	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	290493	49.225	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	295656m	46.156	ug/l	
77) Bromobenzene	12.50	156	263607	49.516	ug/l	95
78) n-propylbenzene	12.56	91	1223125	49.758	ug/l	99
79) 2-Chlorotoluene	12.65	91	752021	47.800	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	893094	50.935	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.27	75	108259	43.751	ug/l #	84
82) 4-Chlorotoluene	12.75	91	799581	47.663	ug/l	100
83) tert-Butylbenzene	12.97	119	708129	52.205	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	905726	50.613	ug/l	99
85) sec-Butylbenzene	13.14	105	933505	51.632	ug/l	99
86) p-Isopropyltoluene	13.26	119	845911	50.873	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	470346	48.490	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	469789	47.176	ug/l	97
89) n-Butylbenzene	13.59	91	739586	47.645	ug/l	99
90) Hexachloroethane	13.85	117	144374	52.522	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	456500	48.152	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	68338	44.129	ug/l	88

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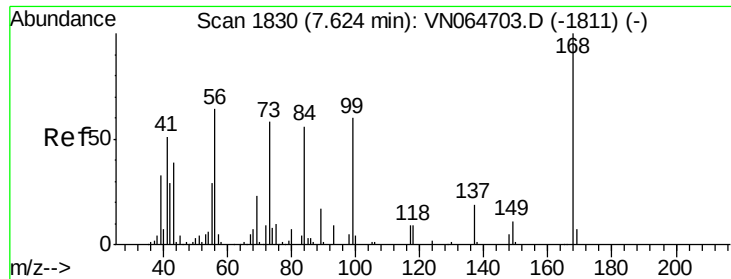
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	243957	47.365	ug/l	97
94) Hexachlorobutadiene	14.98	225	102210	48.357	ug/l	99
95) Naphthalene	15.10	128	836144	50.041	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	241114	48.766	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 386649

Ion Ratio Lower Upper

168 100

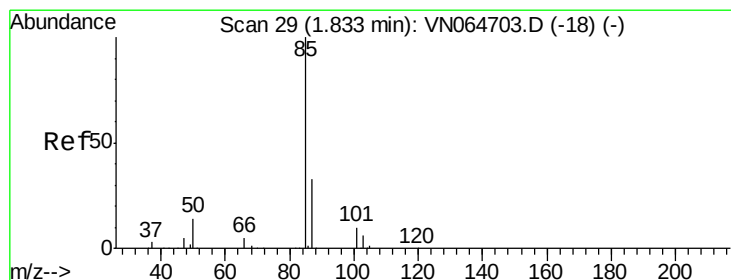
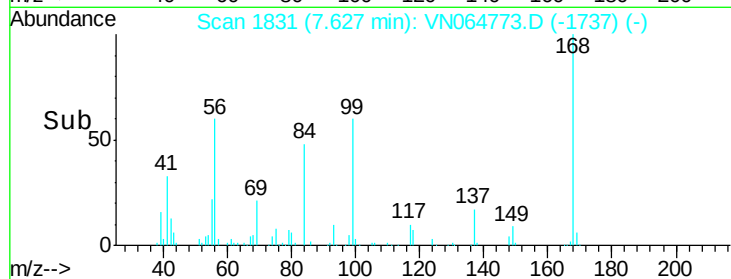
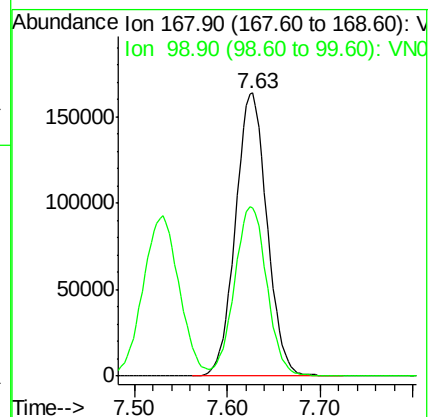
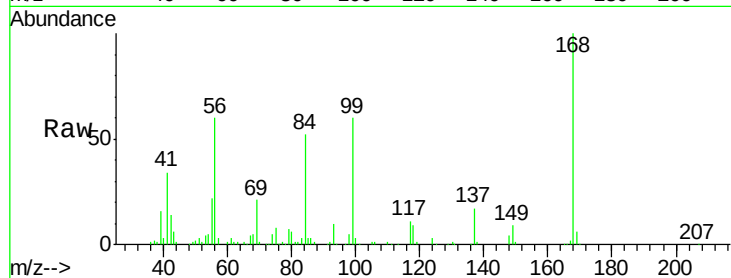
99 59.3 55.7 83.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 42.246 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064773.D

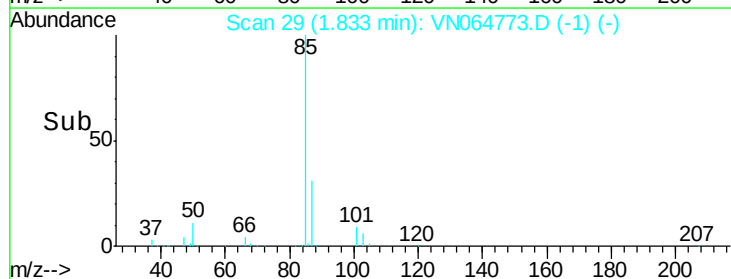
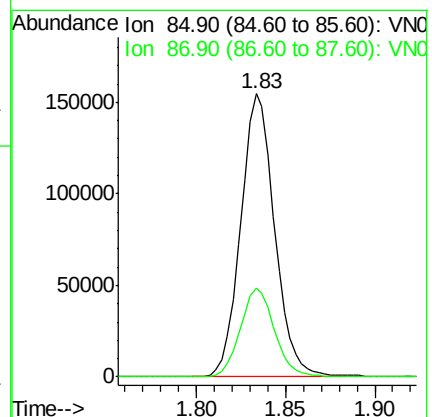
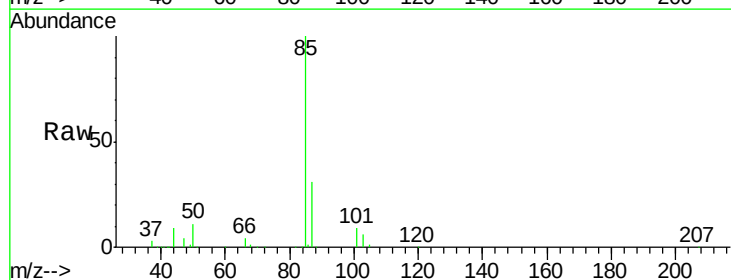
Acq: 20 Nov 2020 10:19

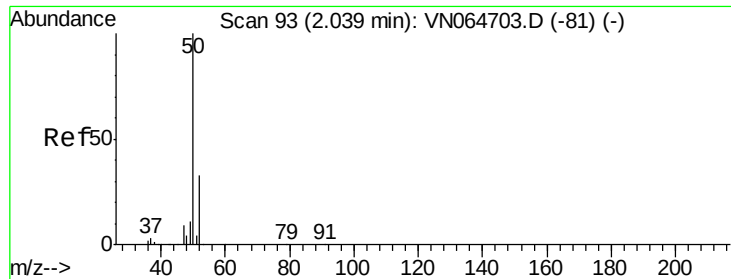
Tgt Ion: 85 Resp: 204102

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.2





#3

Chloromethane

Concen: 51.606 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 275696

Ion Ratio Lower Upper

50 100

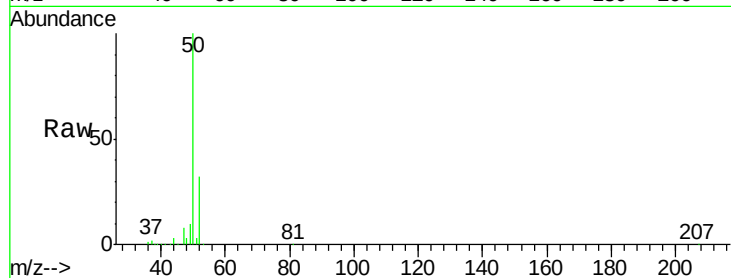
52 32.0 26.4 39.6

Manual Integrations

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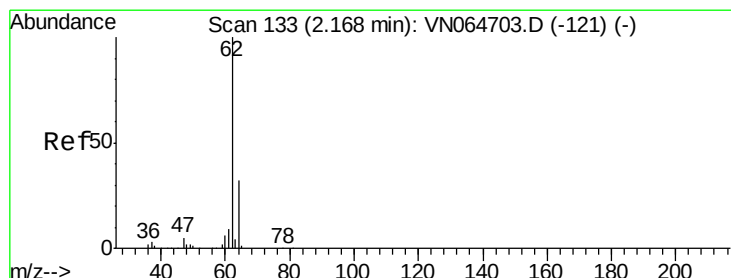
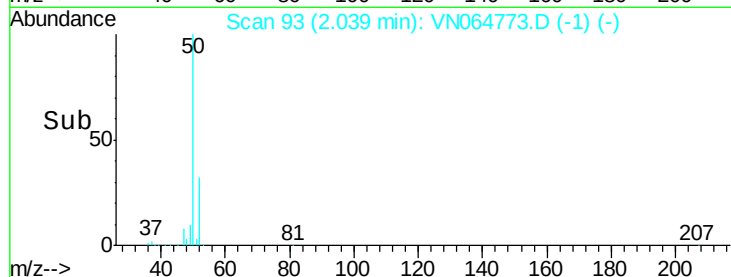
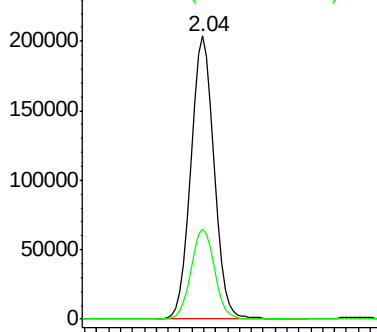
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 49.918 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064773.D

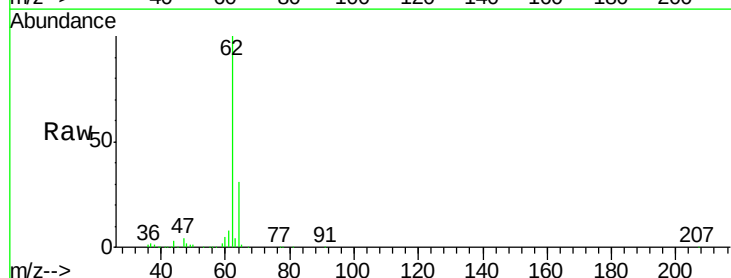
Acq: 20 Nov 2020 10:19

Tgt Ion: 62 Resp: 278257

Ion Ratio Lower Upper

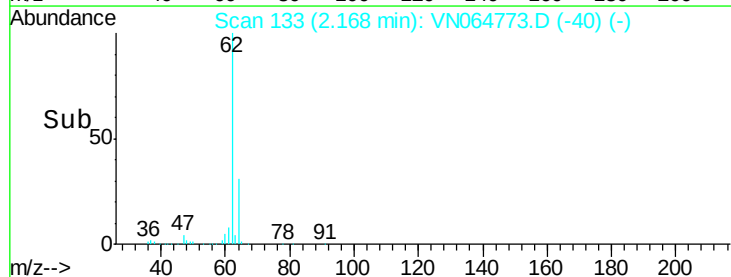
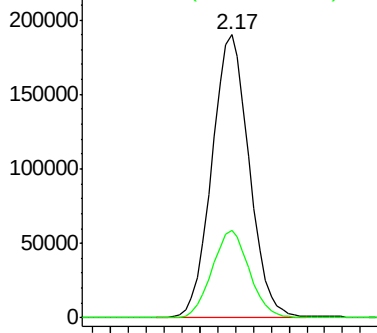
62 100

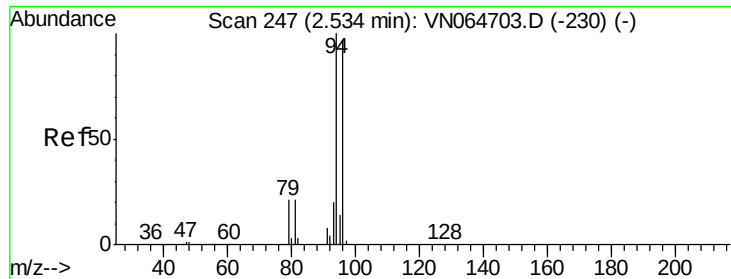
64 30.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 41.236 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN064773.D

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Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 168556

Ion Ratio Lower Upper

94 100

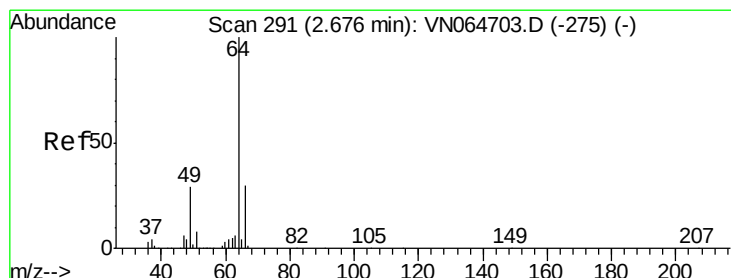
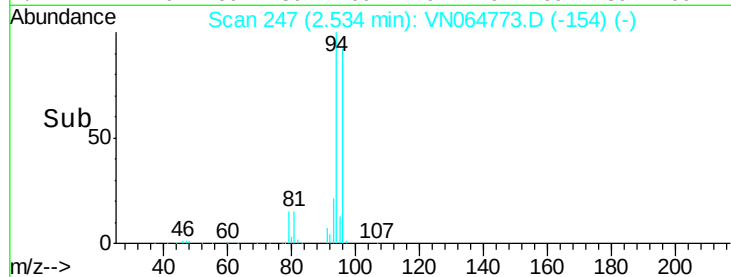
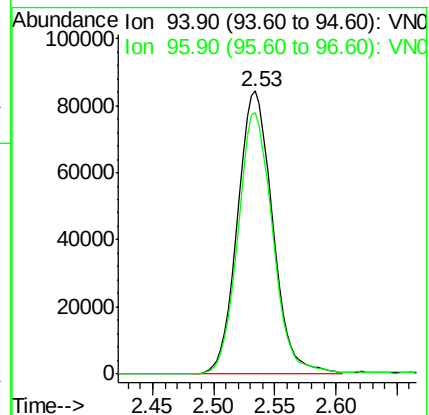
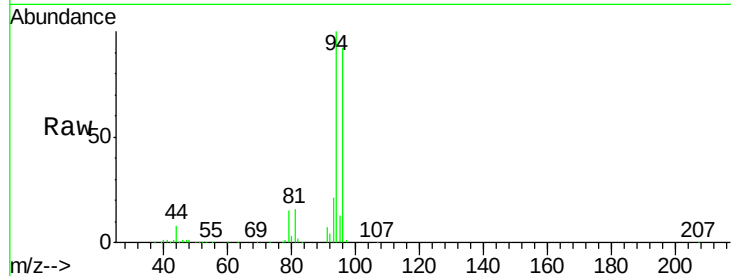
96 92.0 77.8 116.8

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#6

Chloroethane

Concen: 44.345 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN064773.D

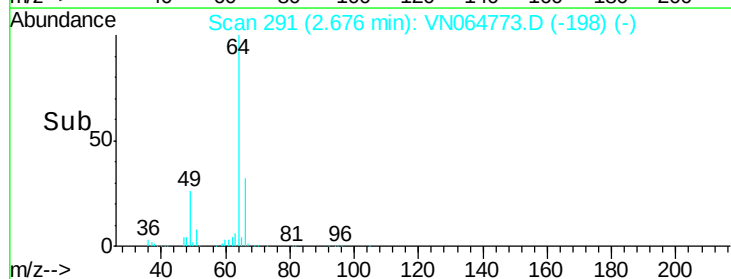
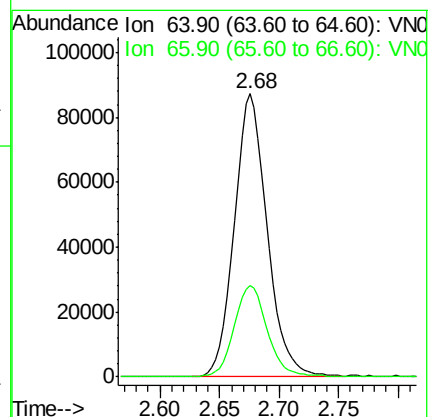
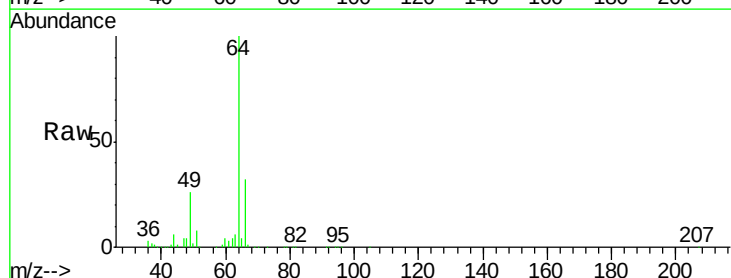
Acq: 20 Nov 2020 10:19

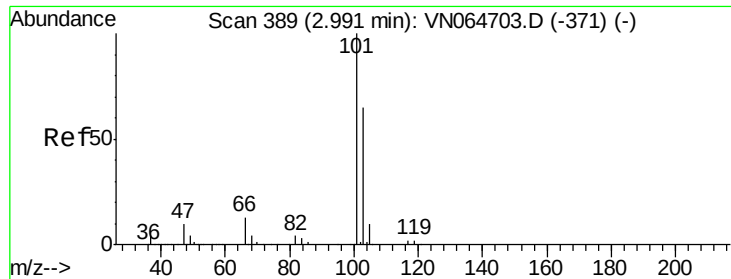
Tgt Ion: 64 Resp: 166784

Ion Ratio Lower Upper

64 100

66 32.2 24.2 36.2





#7

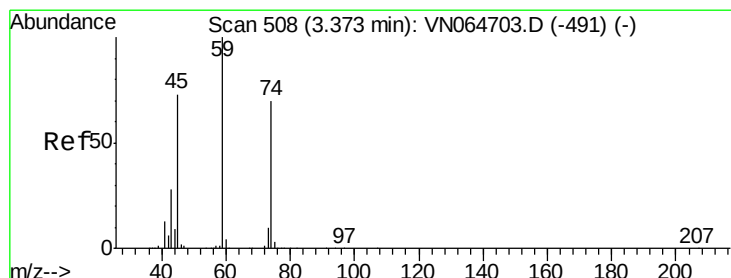
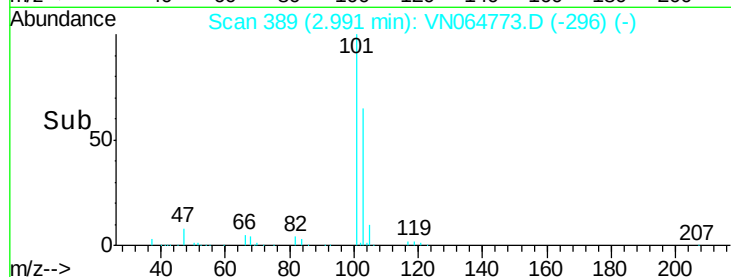
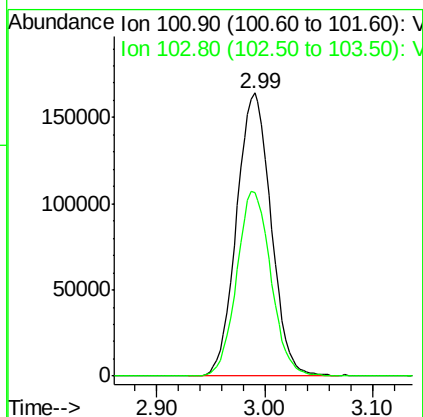
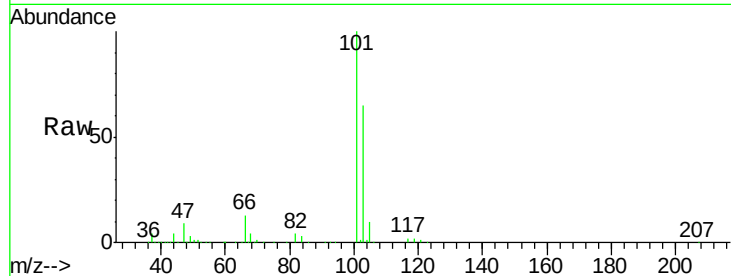
Trichlorofluoromethane
 Concen: 36.627 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.6

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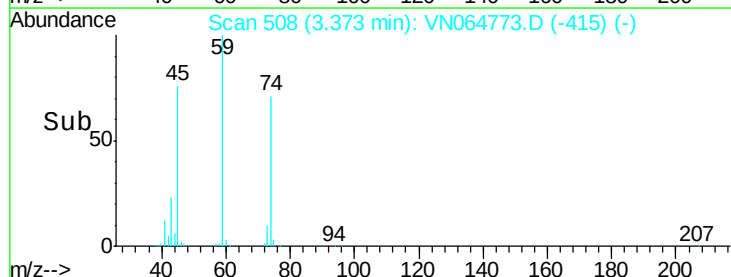
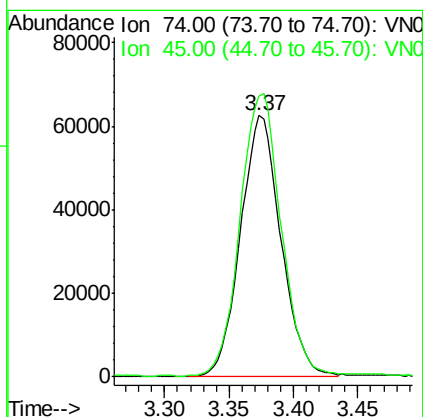
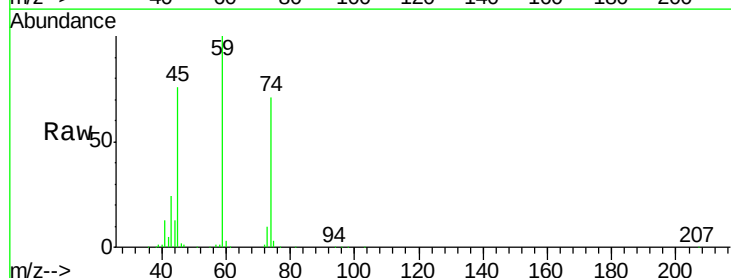
MMDadoda
 11/24/2020 3:11:49 PM

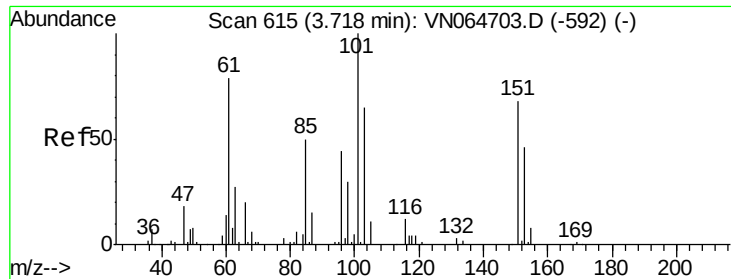


#8

Diethyl Ether
 Concen: 42.413 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.4	52.8	158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.503 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064773.D

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Instrument :

MSVOA_N

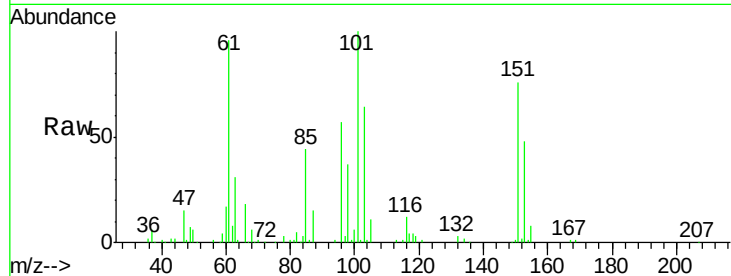
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	209268
Ion Ratio	Lower	Upper	
101	100		
85	43.8	39.0	58.4
151	72.0	57.2	85.8

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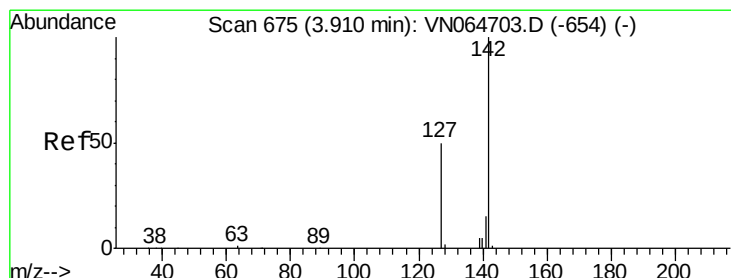
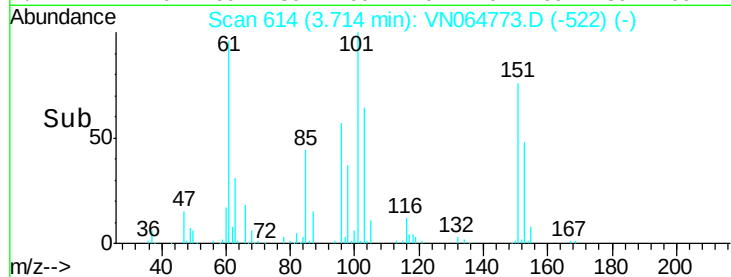
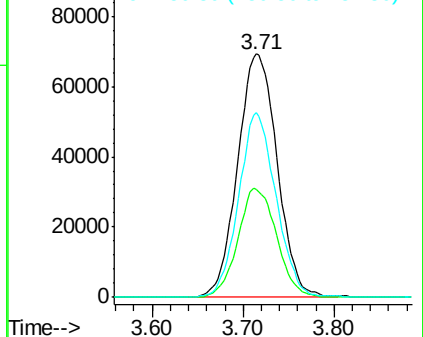
MMDadoda
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.045 ug/l

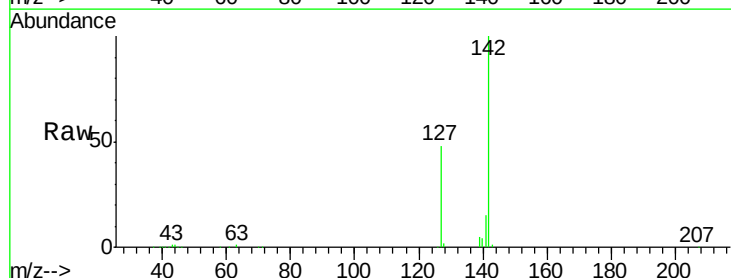
RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

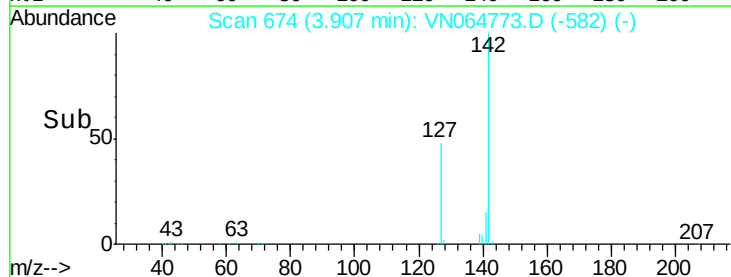
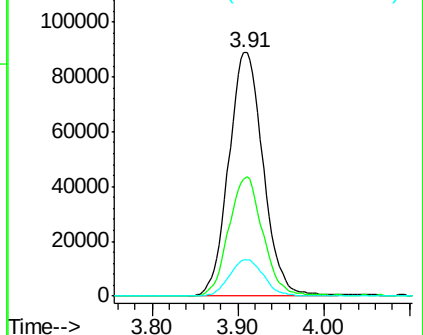
Tgt Ion:	142	Resp:	247787
Ion Ratio	Lower	Upper	
142	100		
127	48.3	42.0	63.0
141	14.7	12.1	18.1

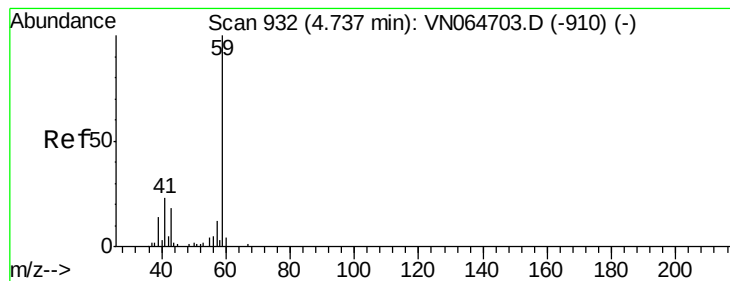


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

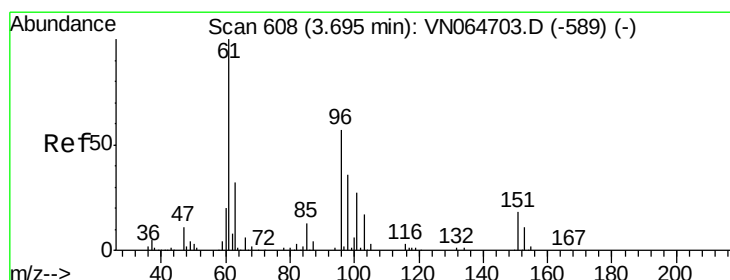
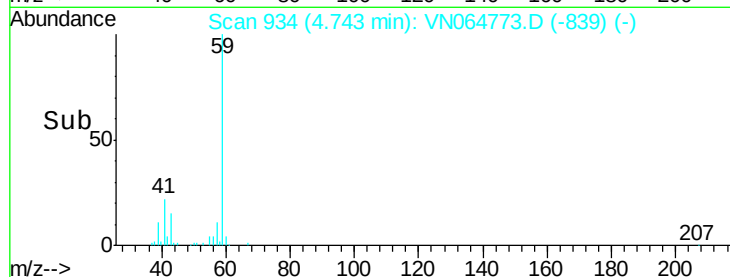
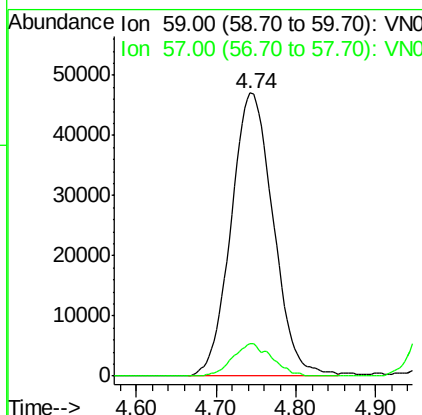
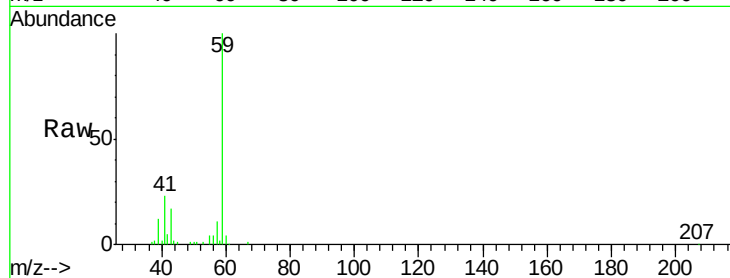
Tert butyl alcohol
Concen: 255.370 ug/l
RT: 4.74 min Scan# 934
Delta R.T. 0.01 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.1	13.7

Manual Integrations
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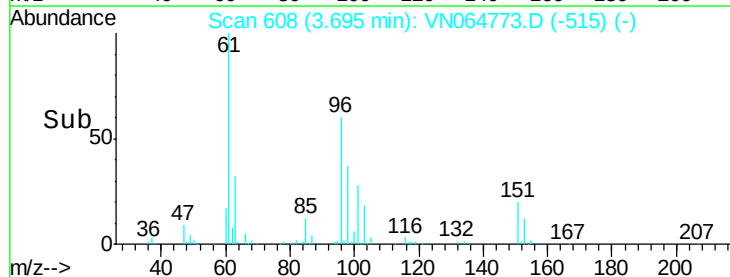
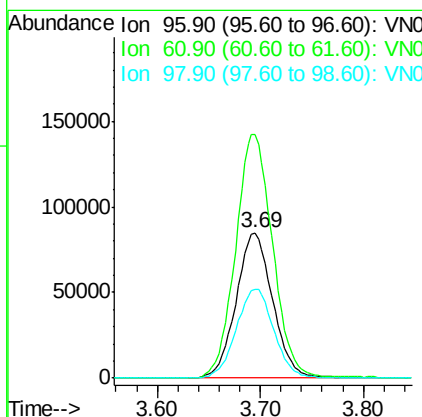
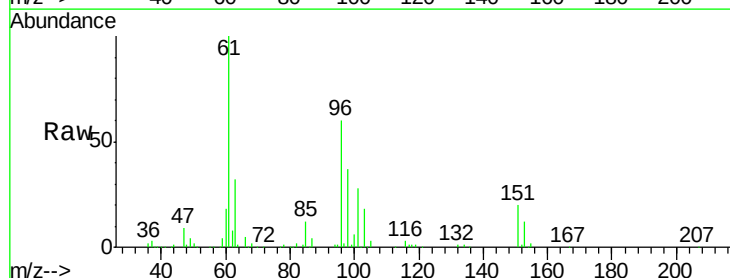
MMDadoda
11/24/2020 3:11:49 PM

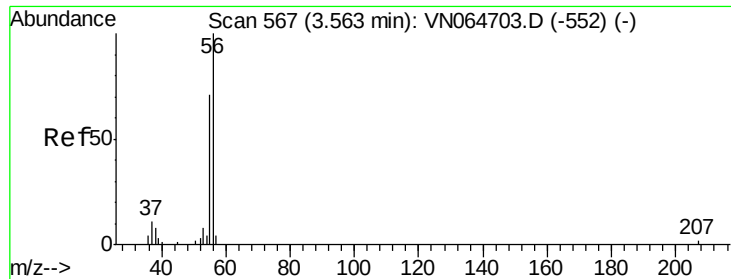


#12

1,1-Dichloroethene
Concen: 50.341 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.9	139.1	208.7
98	61.1	50.2	75.2





#13

Acrolein

Concen: 592.961 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 91609

Ion Ratio Lower Upper

56 100

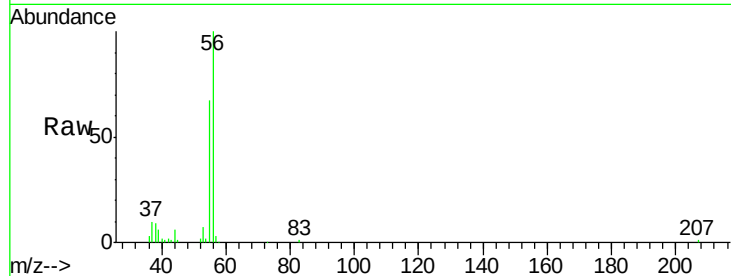
55 69.4 61.8 92.6

Manual Integrations

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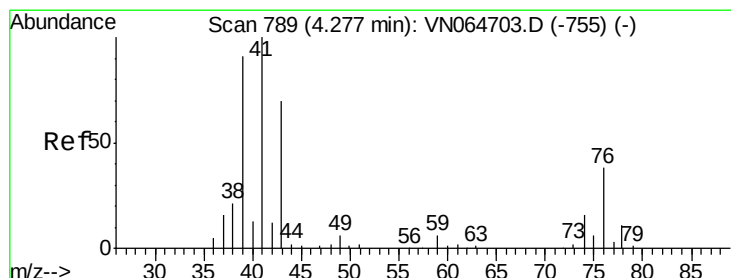
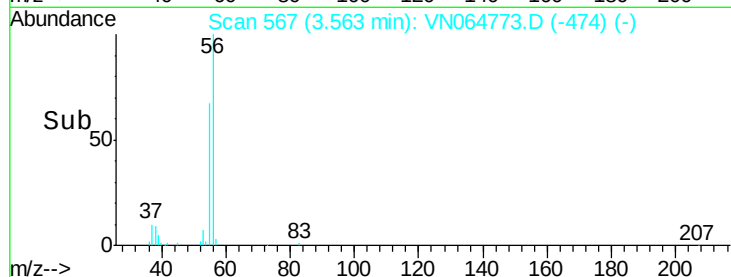
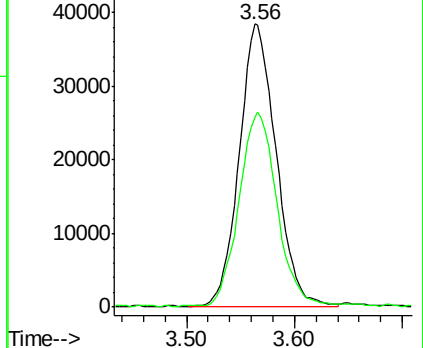
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 52.155 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

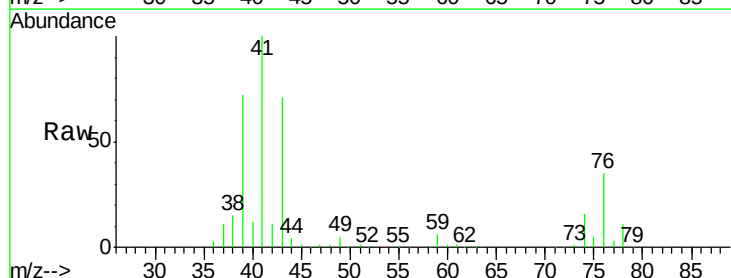
Tgt Ion: 41 Resp: 372261

Ion Ratio Lower Upper

41 100

39 67.2 66.1 99.1

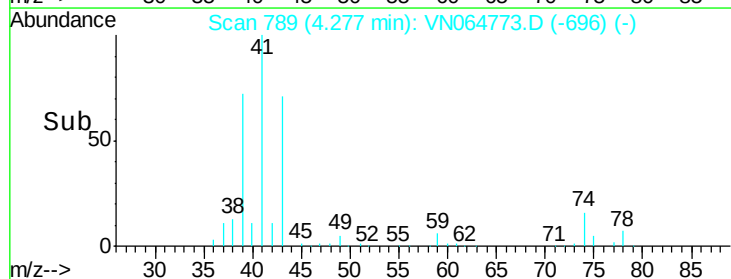
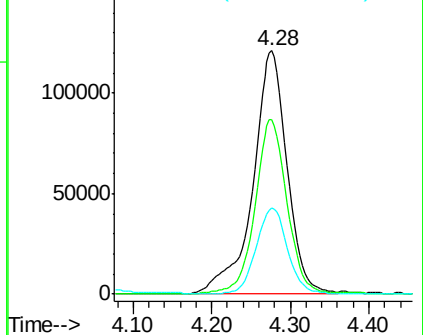
76 31.8 26.6 40.0

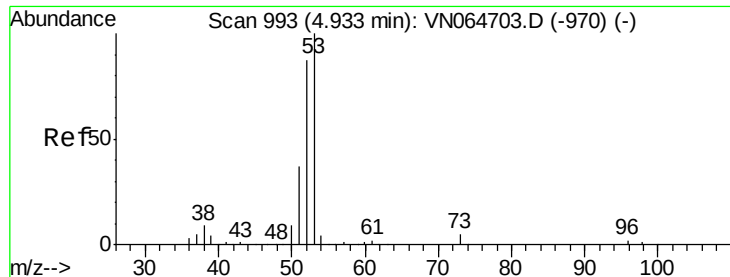


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 284.604 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

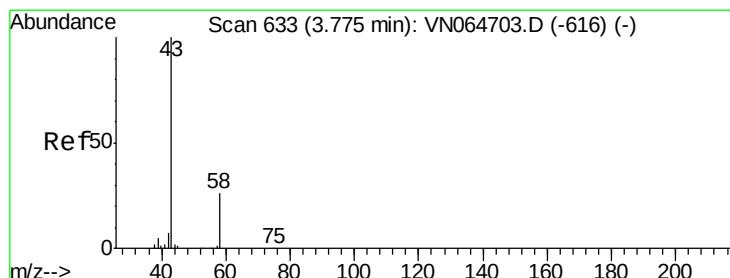
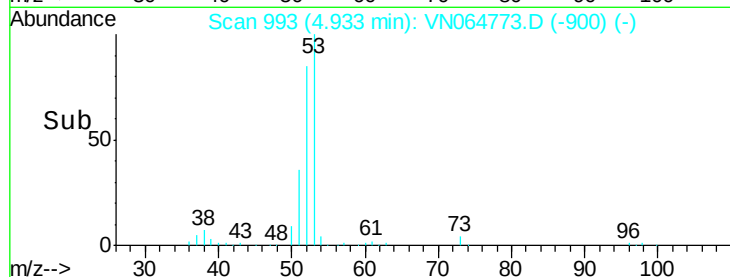
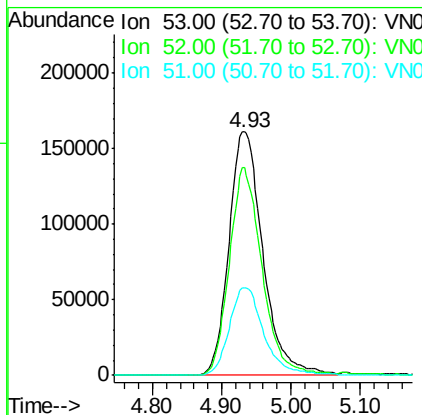
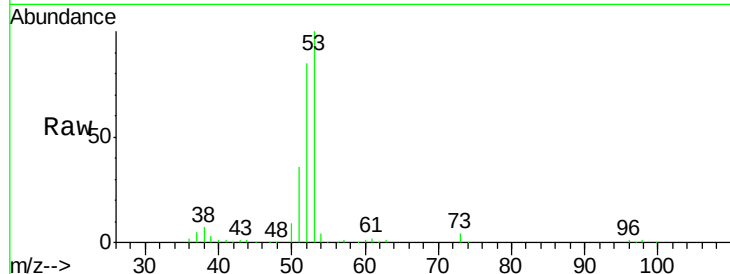
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	551462
Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.2	100.8
51	36.6	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 286.003 ug/l

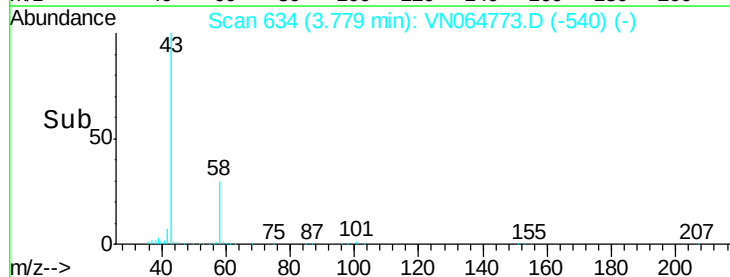
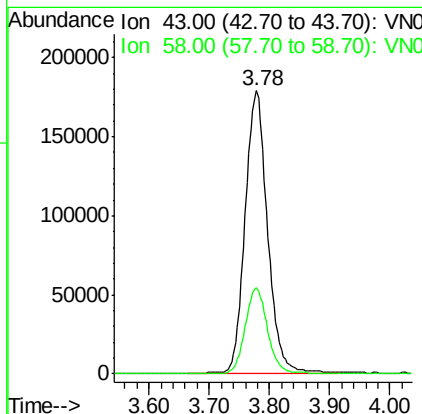
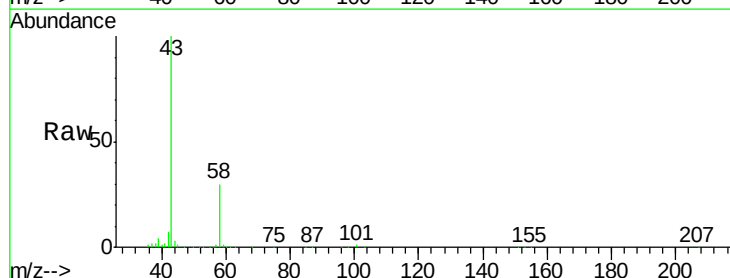
RT: 3.78 min Scan# 634

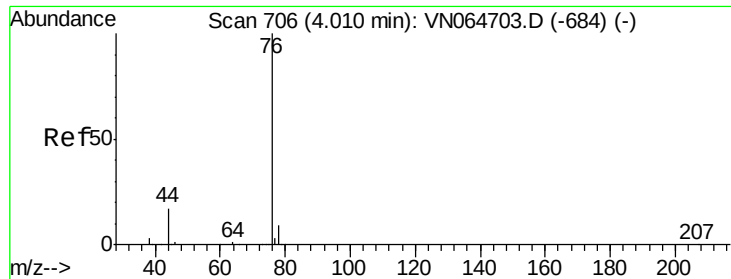
Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion:	43	Resp:	471897
Ion	Ratio	Lower	Upper
43	100		
58	30.2	21.2	31.8





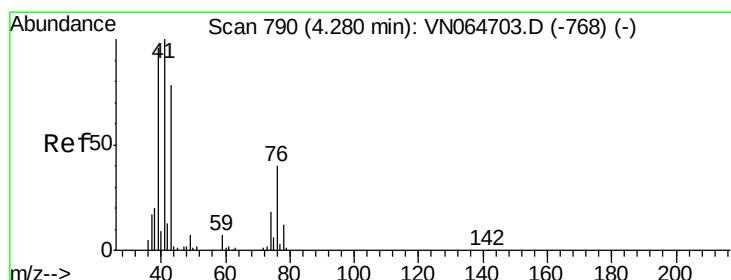
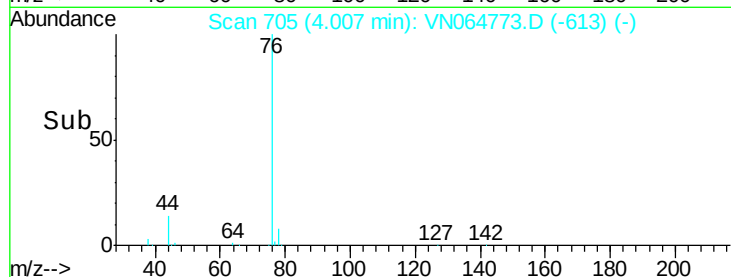
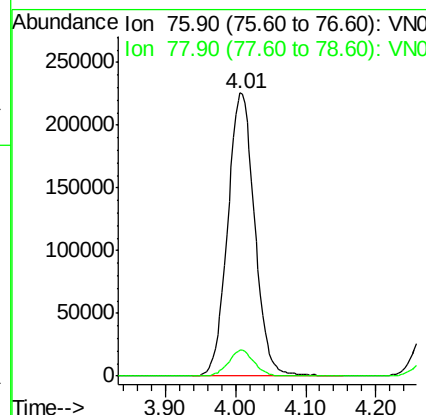
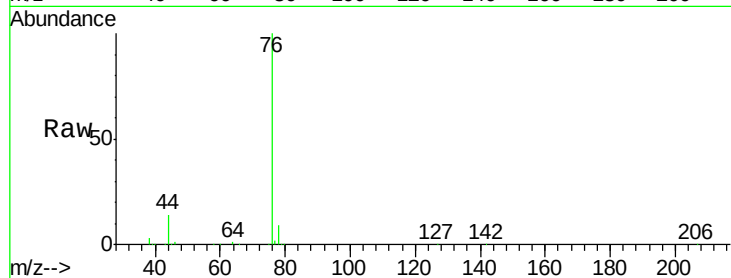
#17
Carbon Disulfide
Concen: 49.865 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

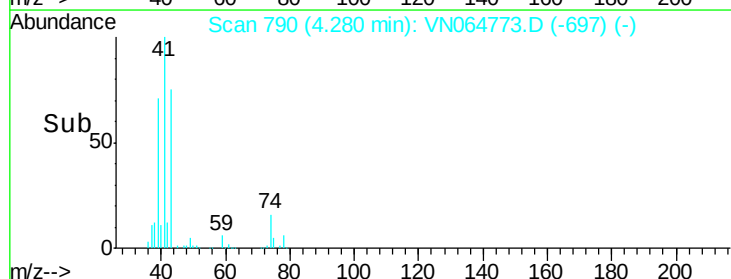
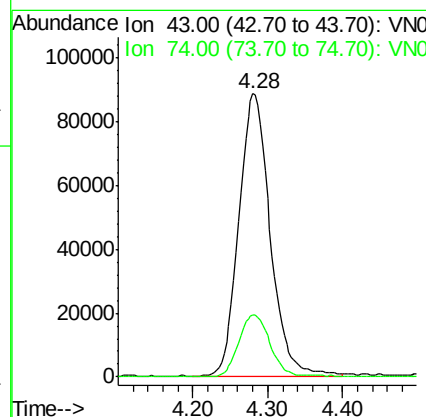
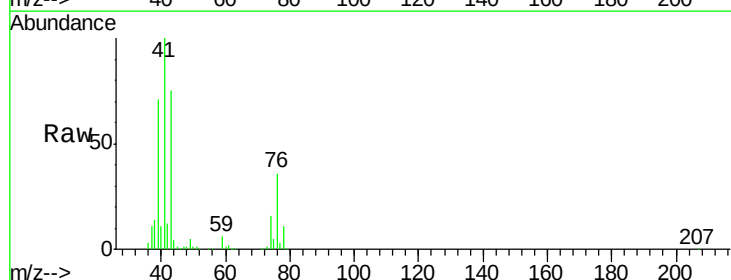
Manual Integrations
APPROVED

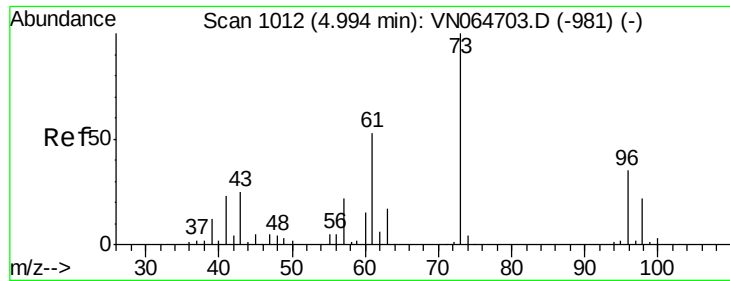
MMDadoda
11/24/2020 3:11:49 PM



#18
Methyl Acetate
Concen: 51.872 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.6	26.4





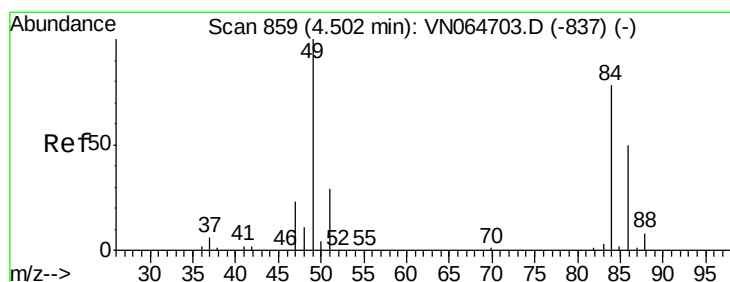
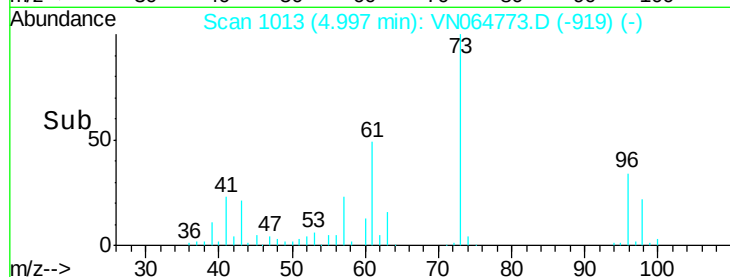
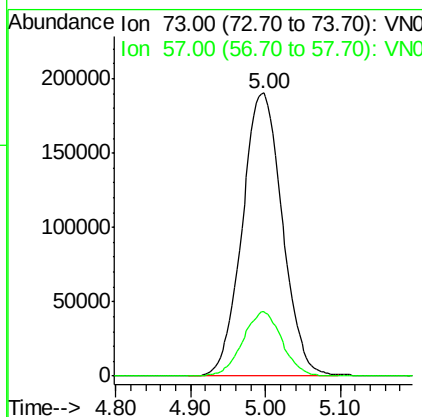
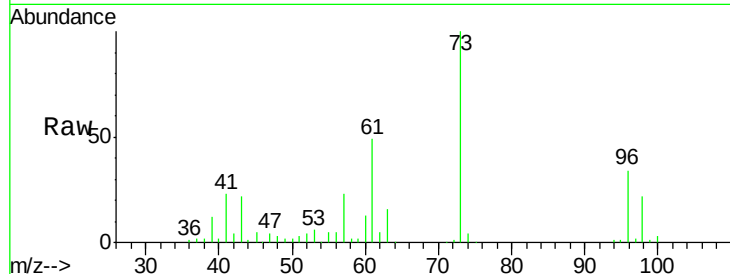
#19
Methyl tert-butyl Ether
Concen: 51.114 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 710968
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9

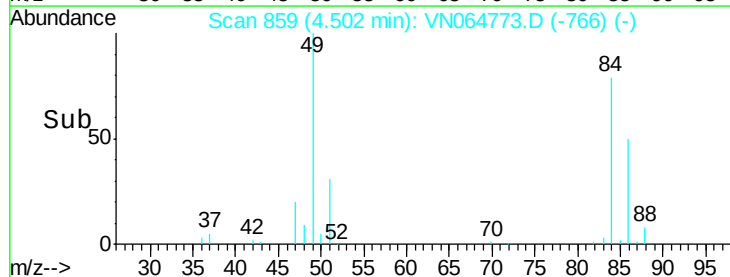
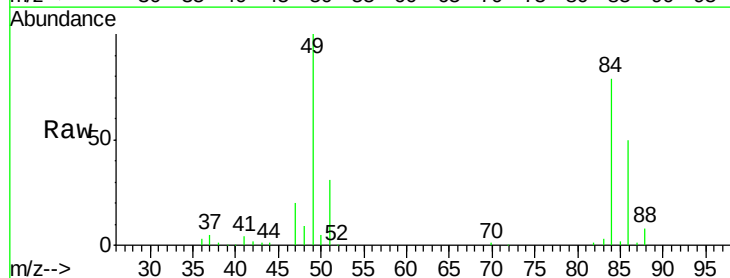
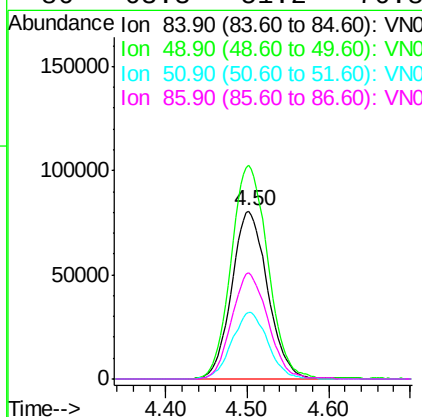
Manual Integrations
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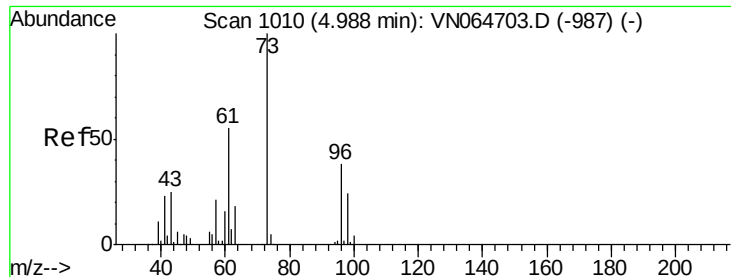
MMDadoda
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#20
Methylene Chloride
Concen: 48.985 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 84 Resp: 246724
Ion Ratio Lower Upper
84 100
49 127.1 102.4 153.6
51 39.4 29.4 44.2
86 63.3 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.164 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

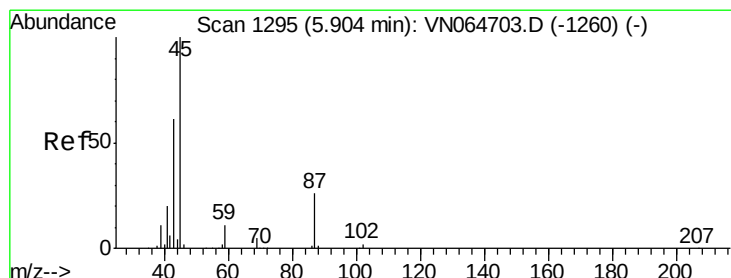
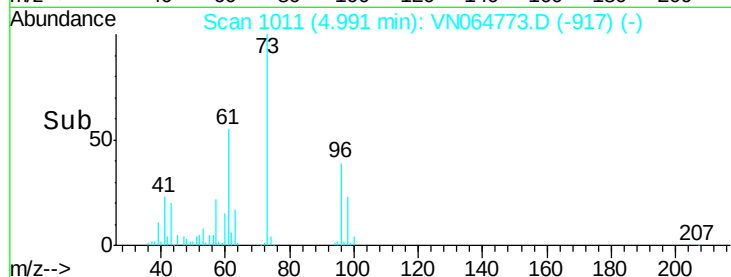
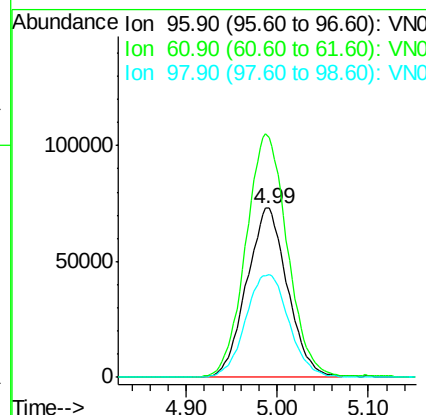
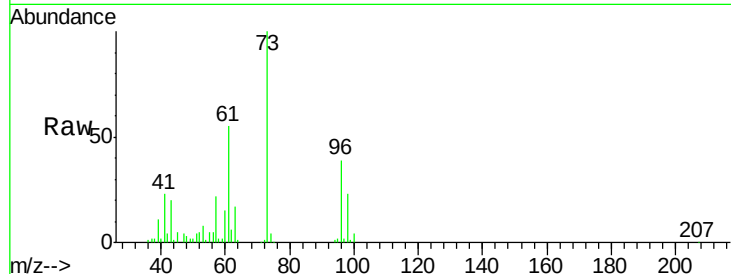
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	228038
Ion	Ratio	Lower	Upper
96	100		
61	141.5	117.9	176.9
98	60.3	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.925 ug/l

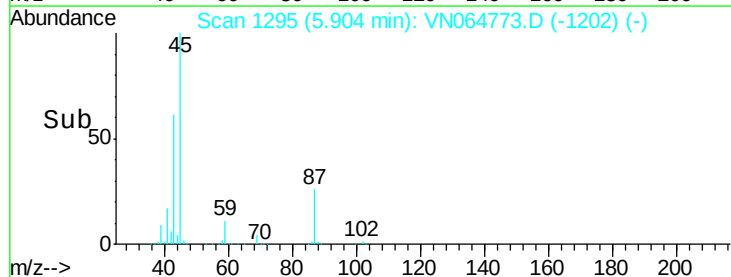
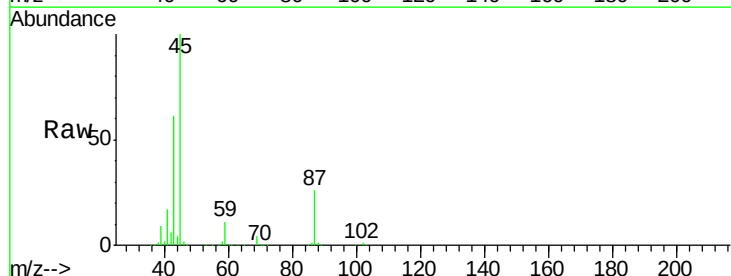
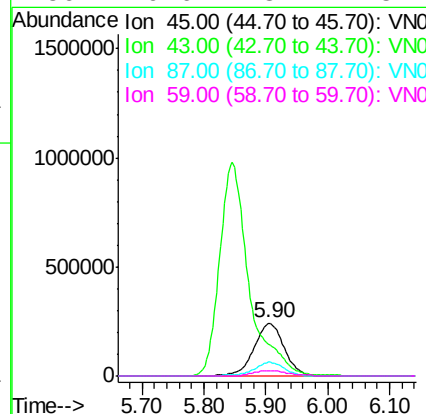
RT: 5.90 min Scan# 1295

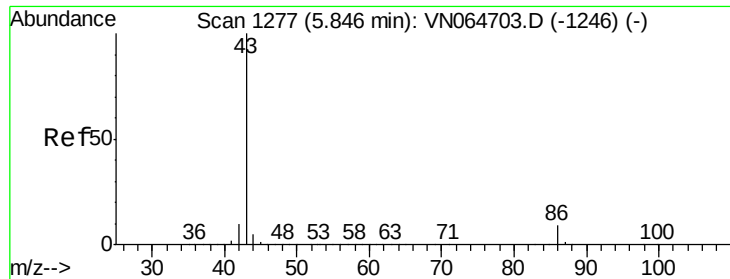
Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion:	45	Resp:	812833
Ion	Ratio	Lower	Upper
45	100		
43	60.1	52.3	78.5
87	25.9	21.6	32.4
59	10.6	8.7	13.1





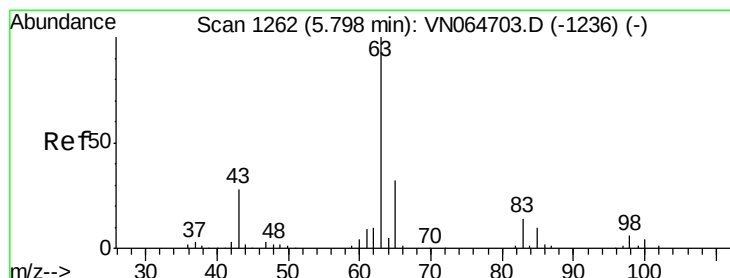
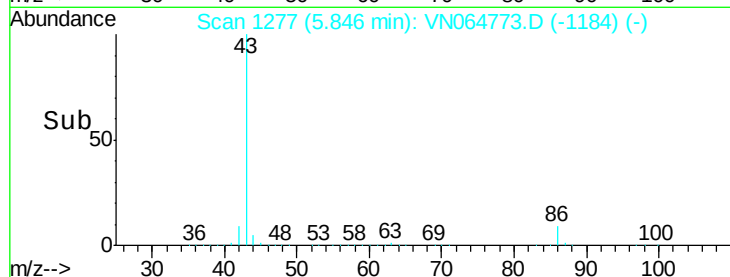
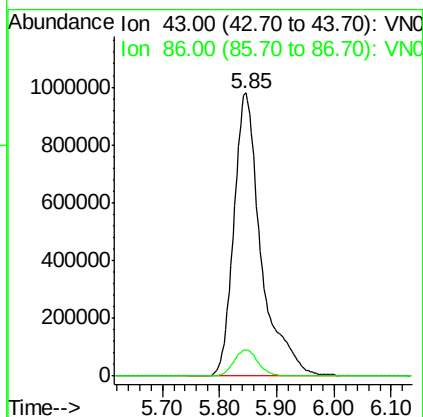
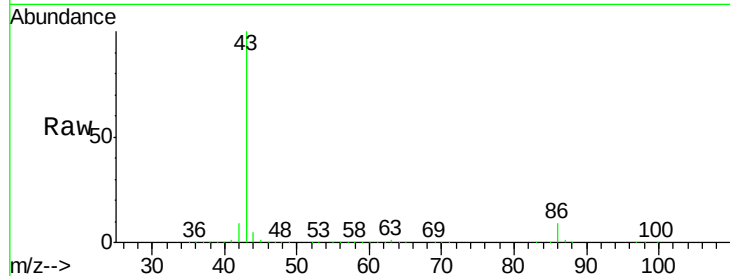
#23
 Vinyl Acetate
 Concen: 266.670 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3243992
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.4 11.0

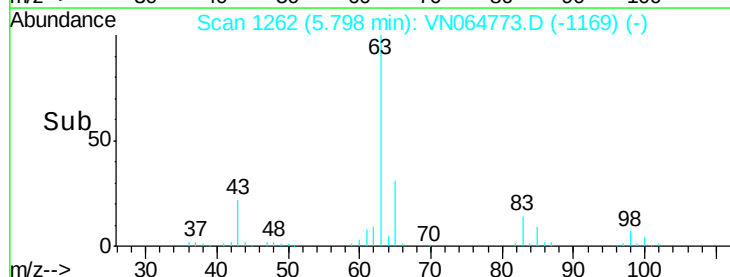
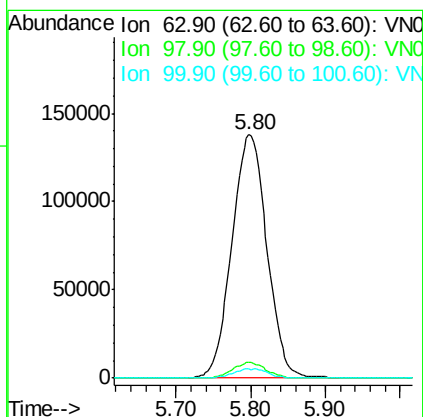
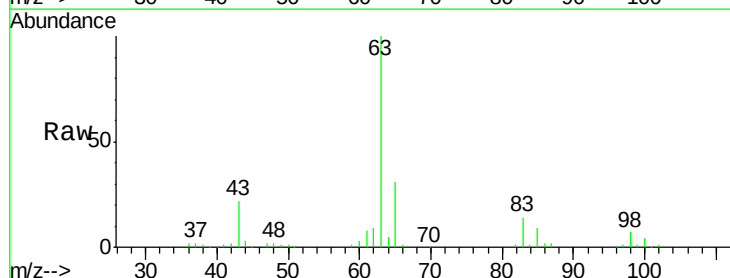
Manual Integrations
 APPROVED

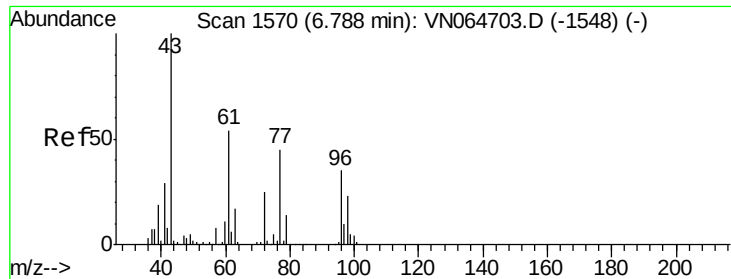
MMDadoda
 11/24/2020 3:11:49 PM



#24
 1,1-Dichloroethane
 Concen: 50.842 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 63 Resp: 449002
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 3.7 1.9 5.7





#25

2-Butanone

Concen: 276.052 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 717864

Ion Ratio Lower Upper

43 100

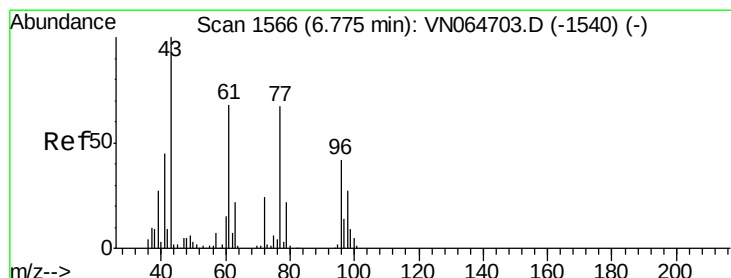
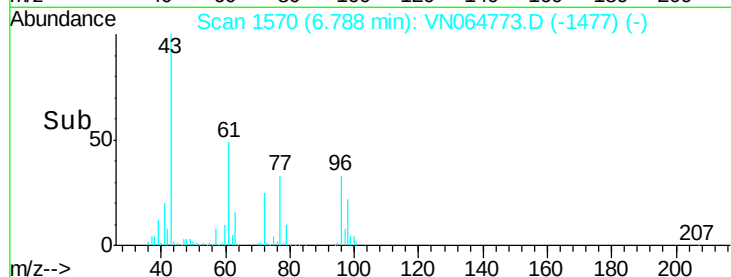
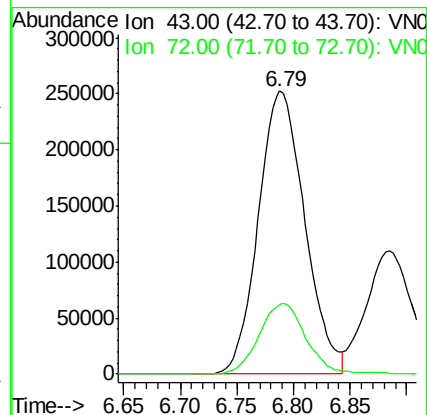
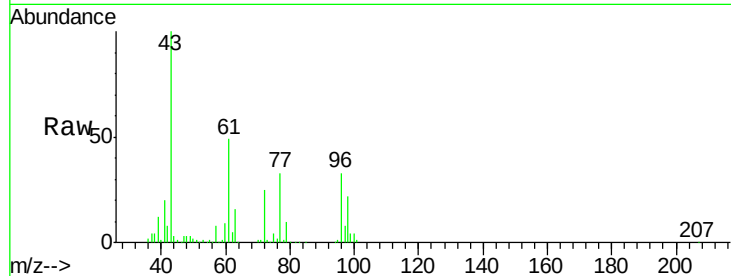
72 24.7 19.7 29.5

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:11:49 PM



#26

2,2-Dichloropropane

Concen: 35.529 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064773.D

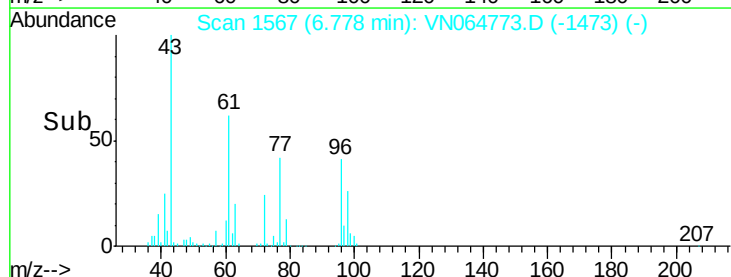
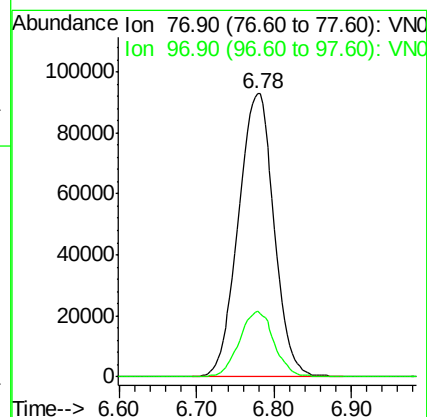
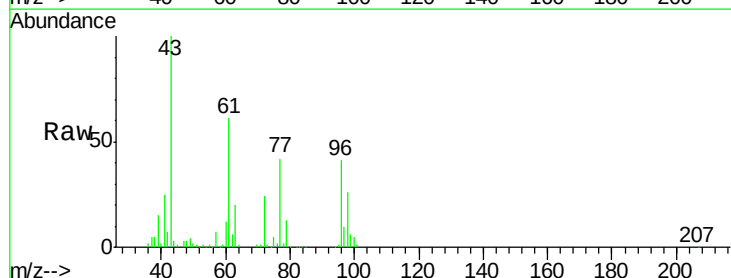
Acq: 20 Nov 2020 10:19

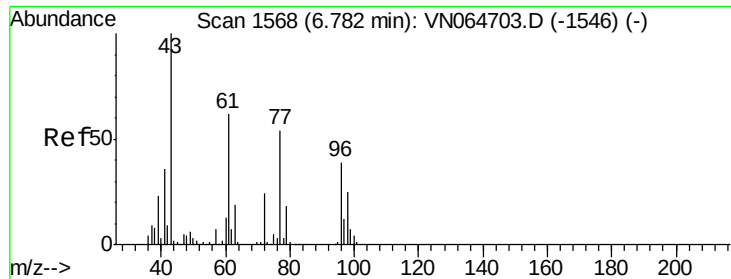
Tgt Ion: 77 Resp: 298156

Ion Ratio Lower Upper

77 100

97 22.6 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 51.093 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

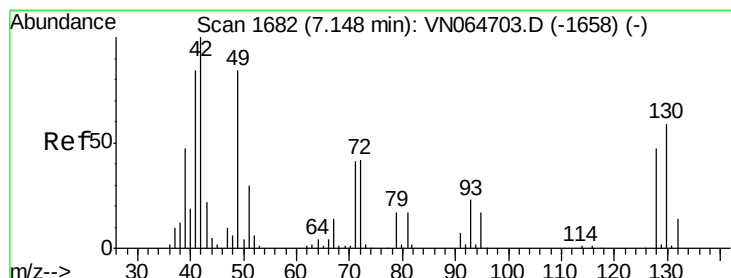
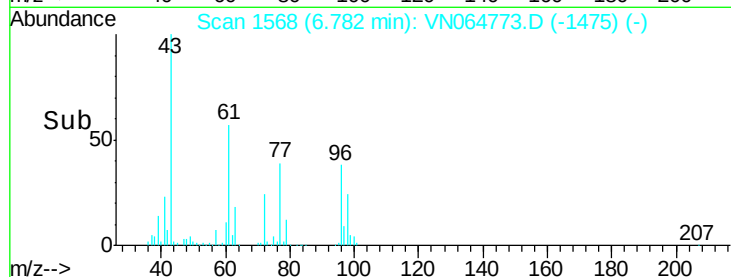
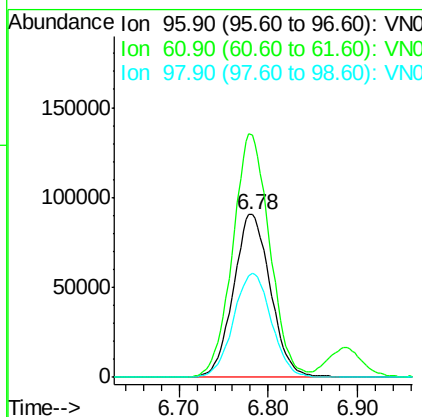
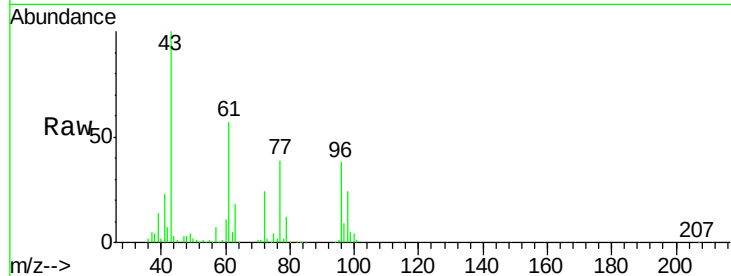
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	261276
Ion Ratio	Lower	Upper	
96	100		
61	148.7	0.0	322.6
98	65.3	0.0	128.6

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#28

Bromochloromethane

Concen: 47.631 ug/l

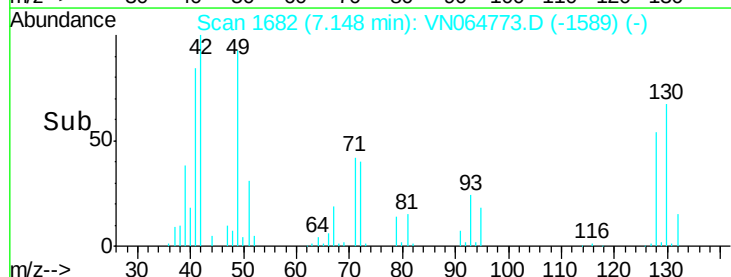
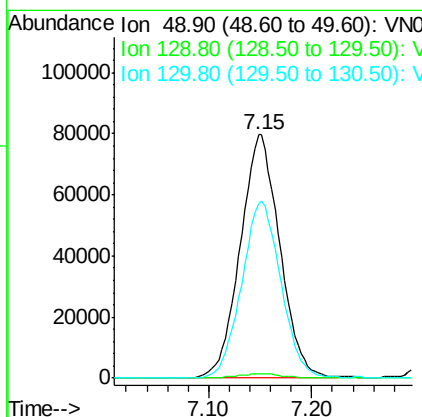
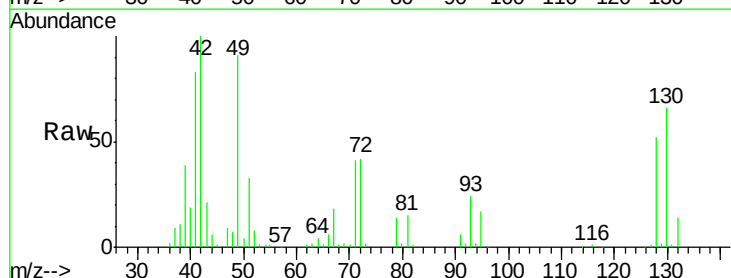
RT: 7.15 min Scan# 1682

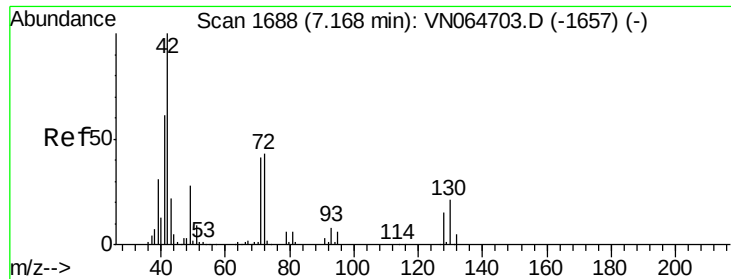
Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion:	49	Resp:	212090
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	3.8
130	72.0	56.2	84.4





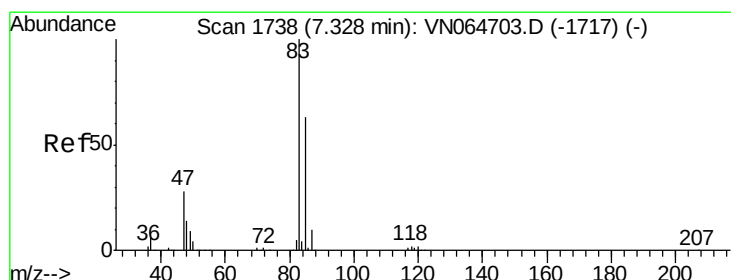
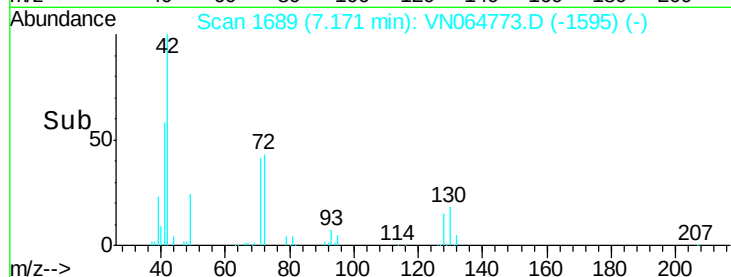
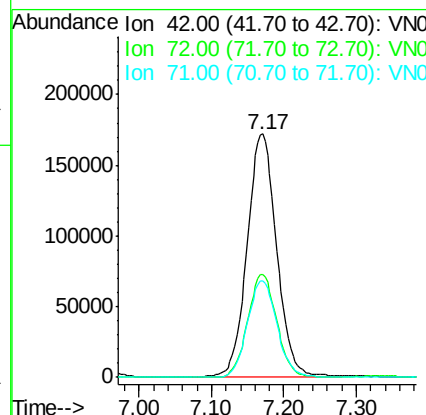
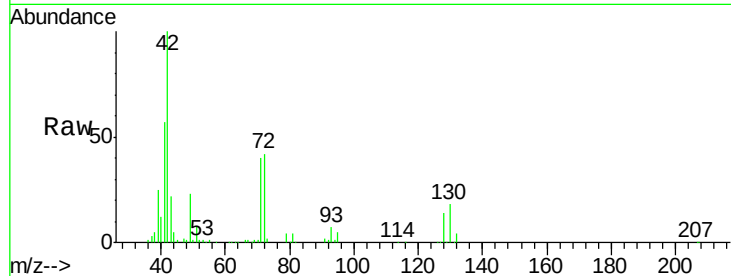
#29
Tetrahydrofuran
Concen: 277.199 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.0	49.4
71	39.8	31.8	47.6

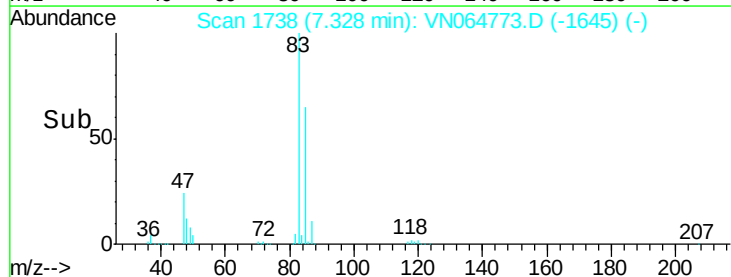
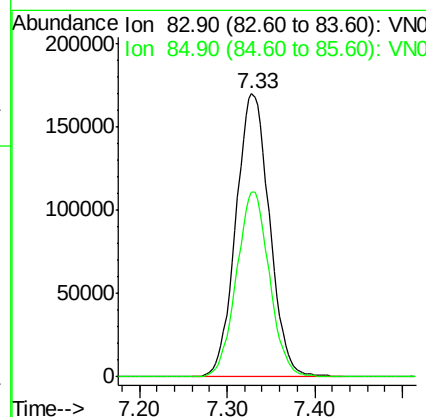
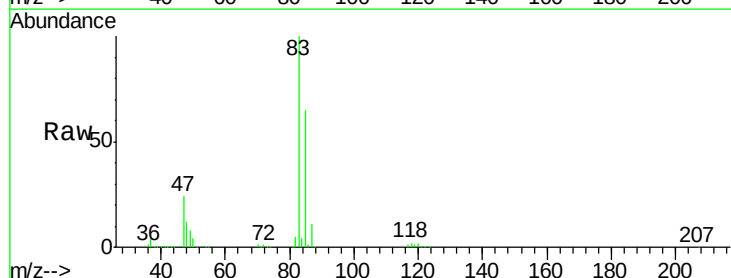
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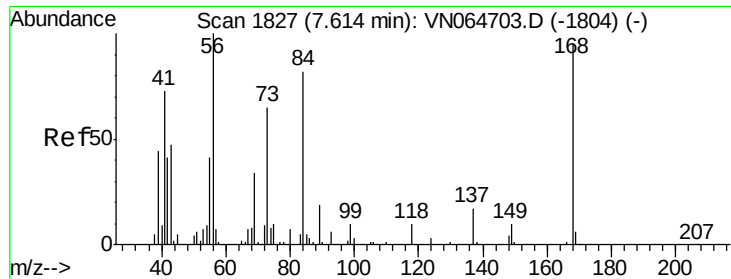
MMDadoda
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#30
Chloroform
Concen: 47.323 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.6	75.8





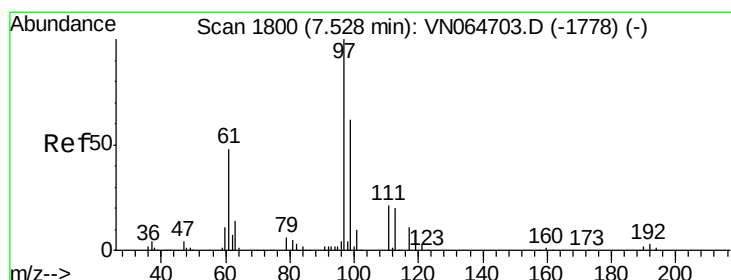
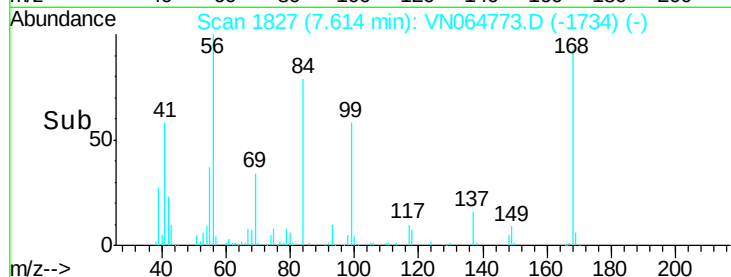
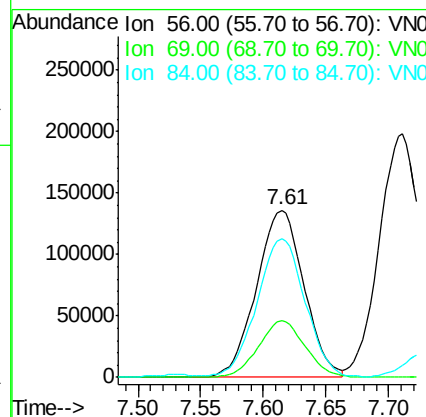
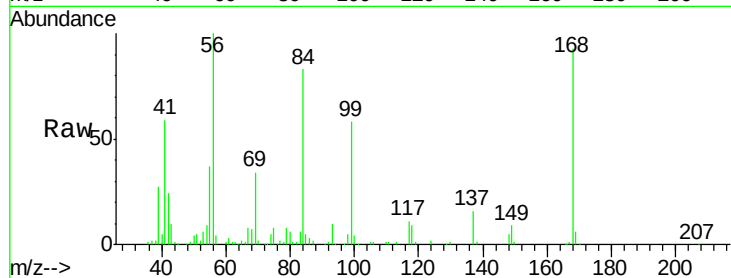
#31
Cyclohexane
Concen: 48.845 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.7	27.2	40.8
84	81.6	65.9	98.9

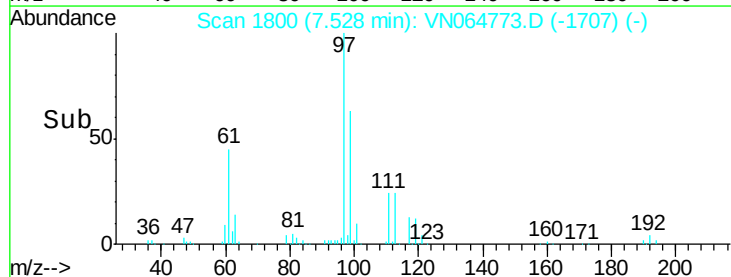
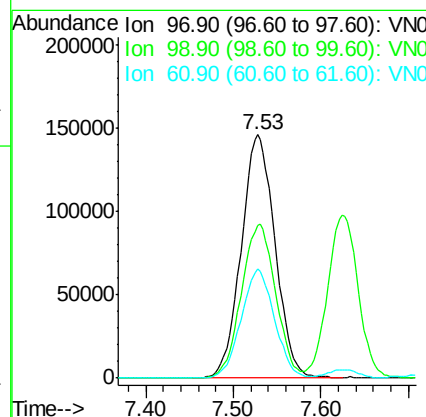
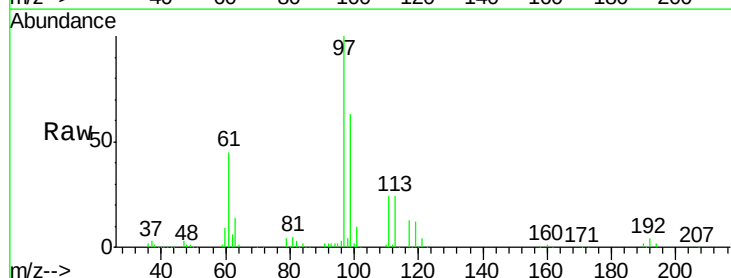
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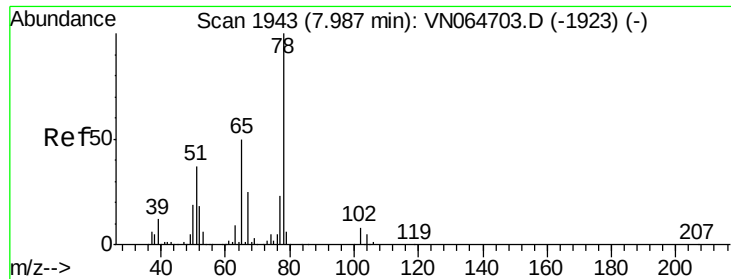
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 44.687 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	76.0
61	44.3	38.3	57.5





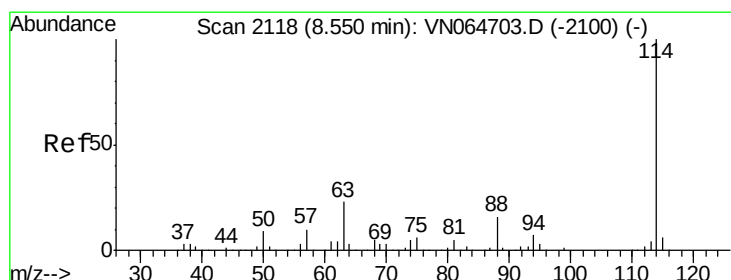
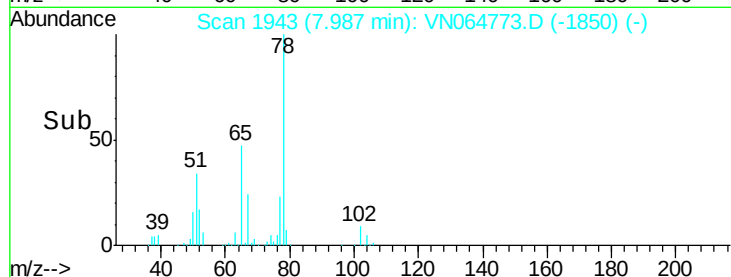
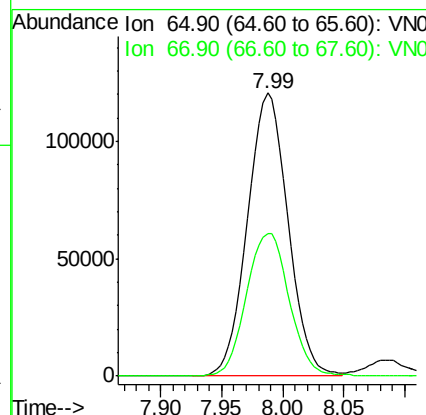
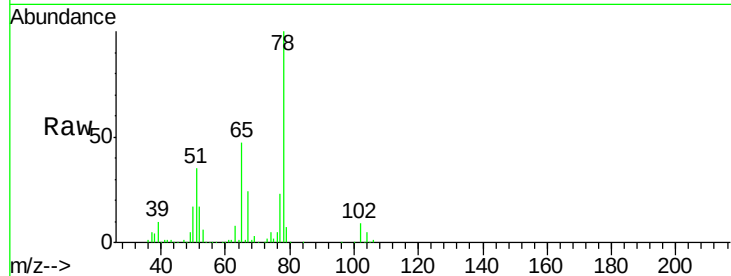
#33
 1,2-Dichloroethane-d4
 Concen: 40.827 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	99.8

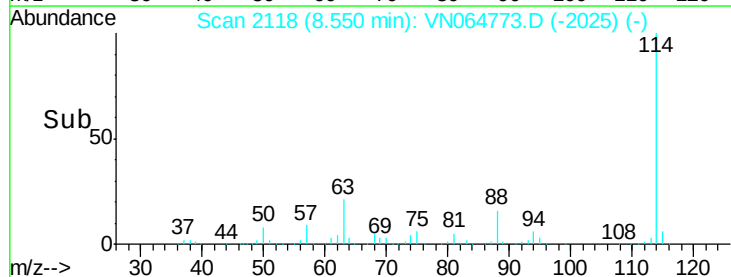
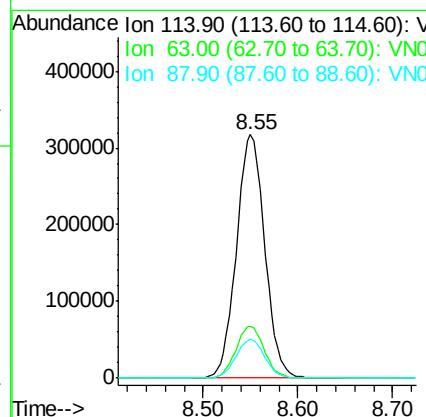
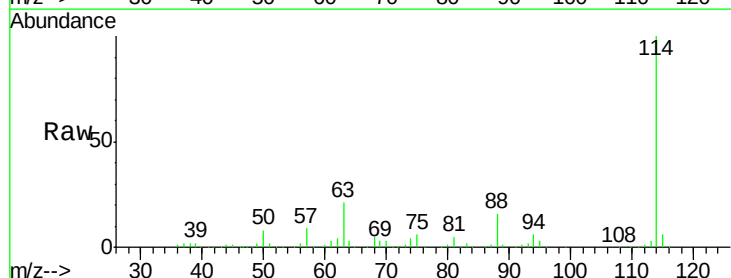
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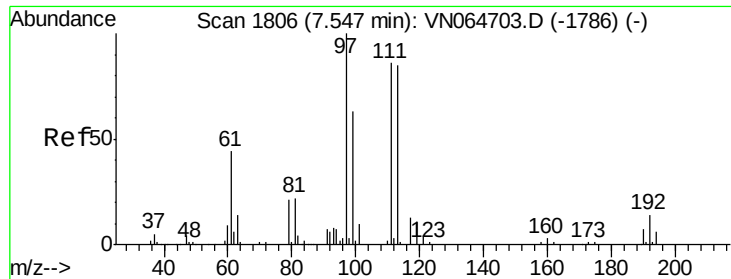
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	46.0
88	15.8	0.0	31.2





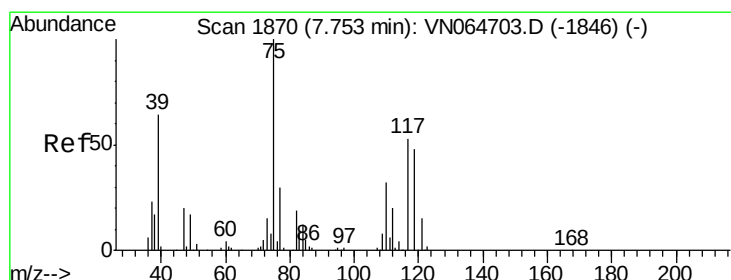
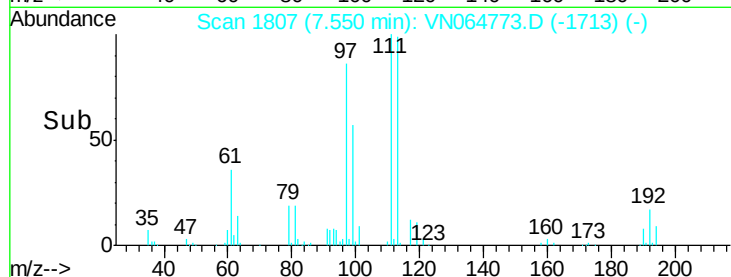
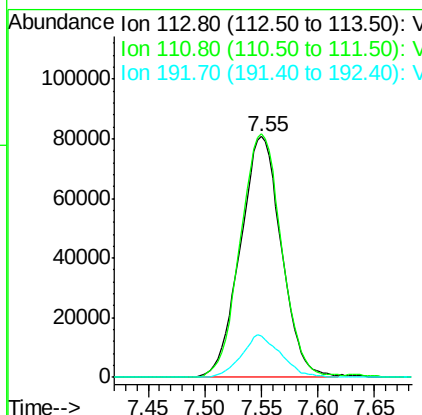
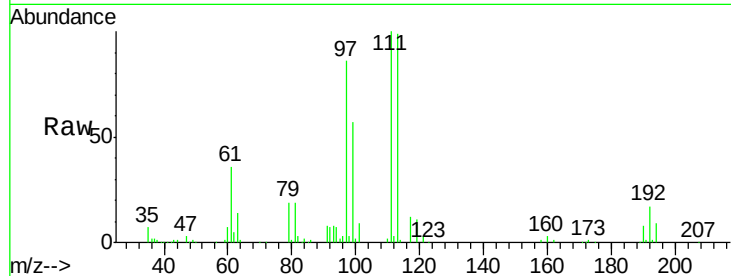
#35
 Dibromofluoromethane
 Concen: 54.374 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	204236		
111	101.3	82.2	123.4	
192	16.8	12.7	19.1	

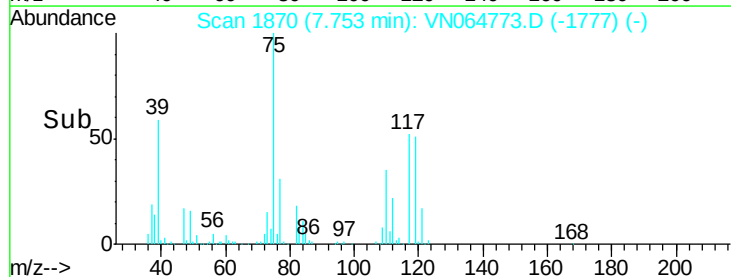
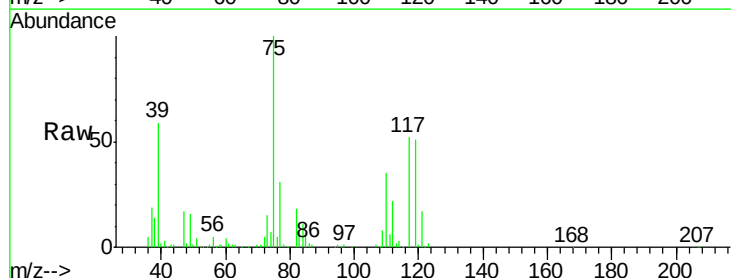
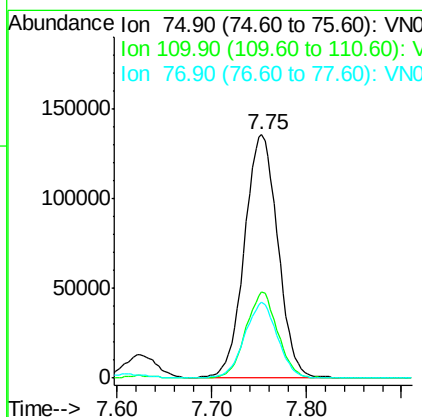
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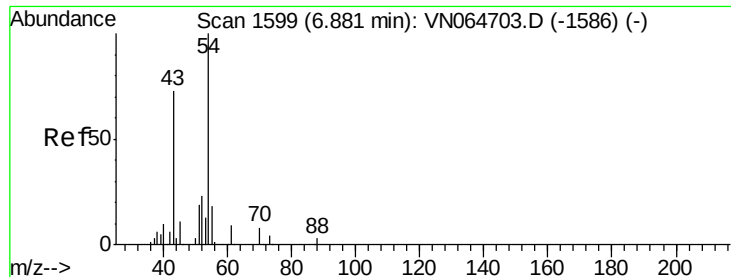
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 48.871 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	331802		
110	33.7	16.2	48.6	
77	30.3	24.4	36.6	





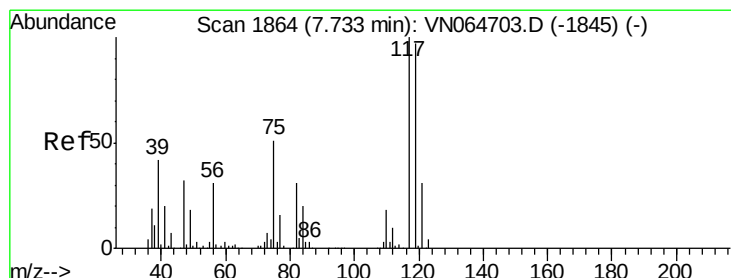
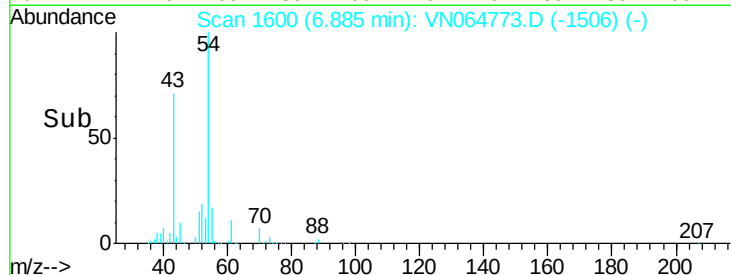
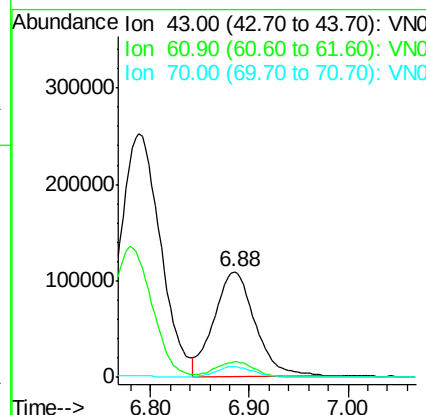
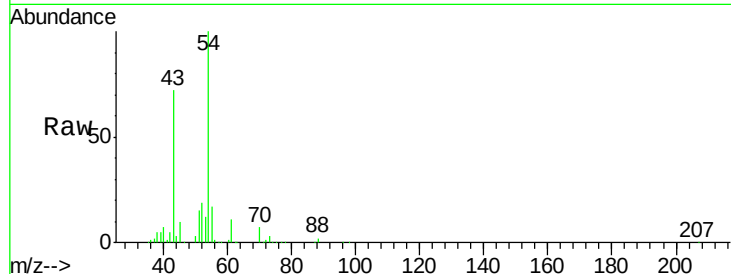
#37
Ethyl Acetate
Concen: 55.866 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.4	15.6
70	9.7	7.6	11.4

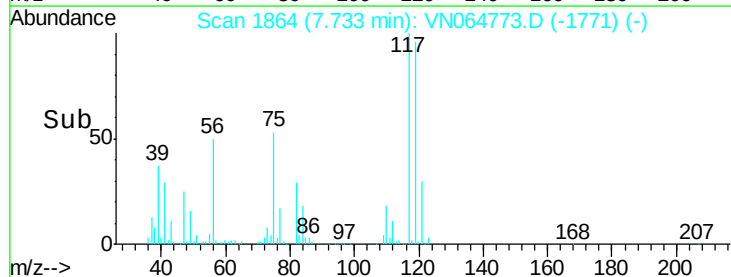
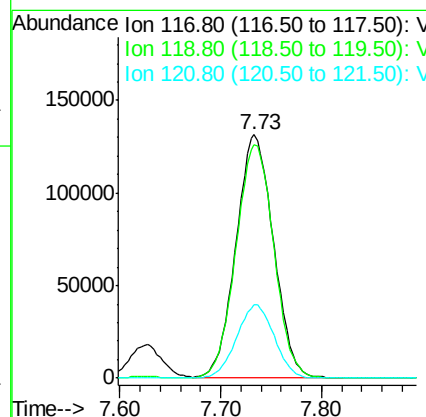
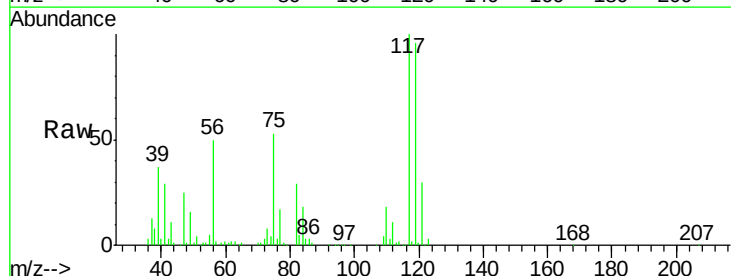
Manual Integrations
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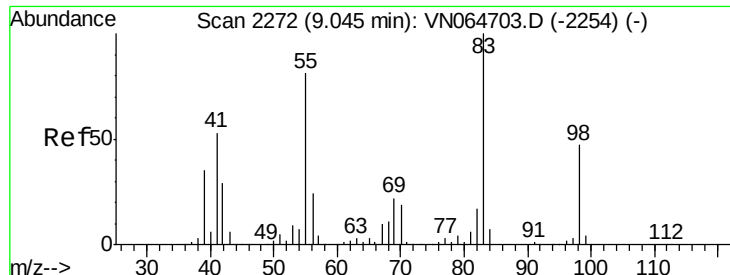
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#38
Carbon Tetrachloride
Concen: 46.960 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.8	116.6
121	29.9	24.9	37.3





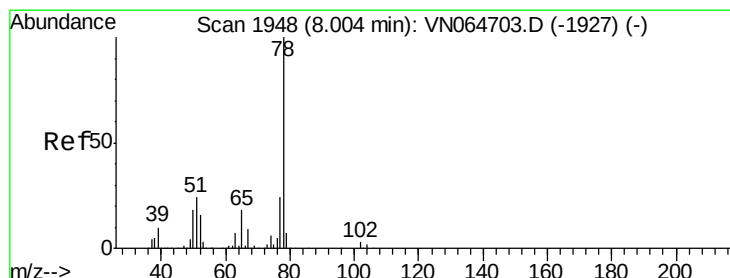
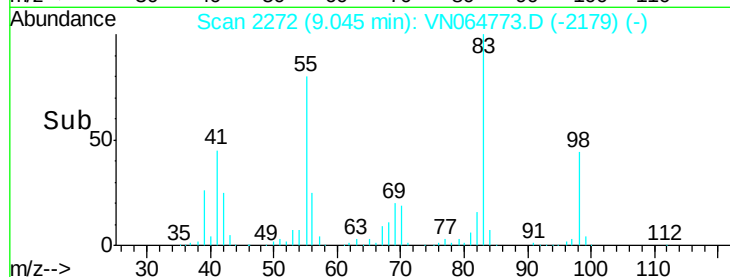
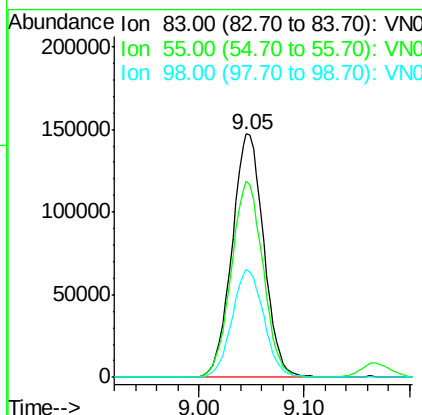
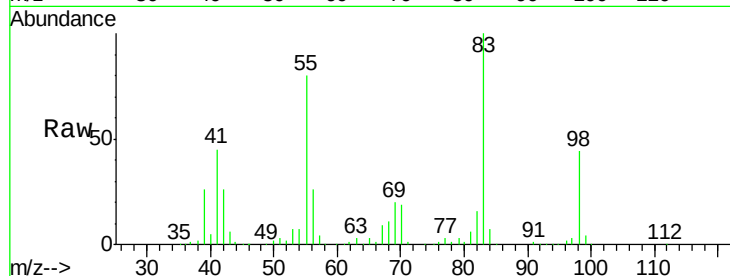
#39
Methylvlcyclohexane
Concen: 51.093 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	80.4	64.6	97.0	
98	44.3	37.7	56.5	

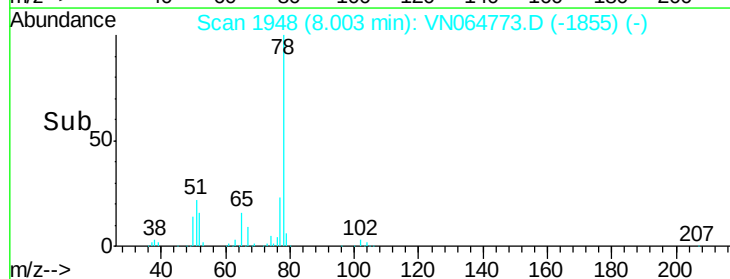
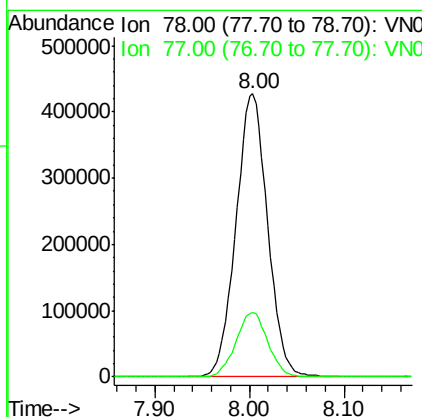
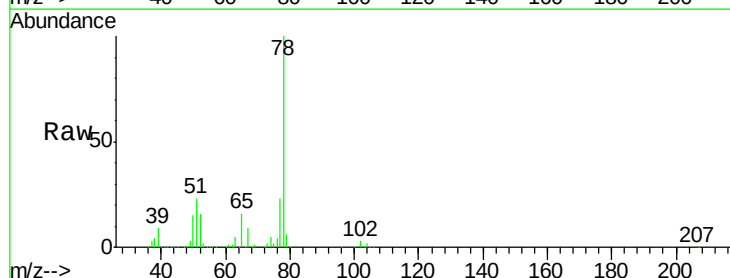
Manual Integrations
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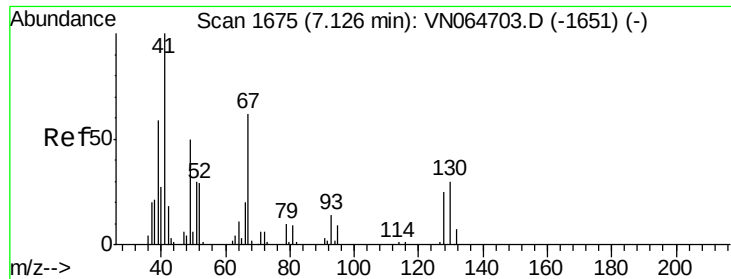
MMDadoda
11/24/2020 3:11:49 PM



#40
Benzene
Concen: 52.440 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.9	19.2	28.8	





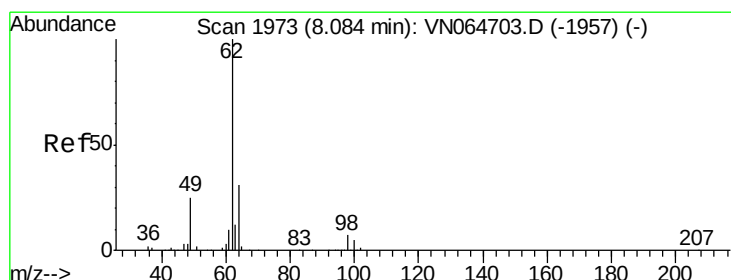
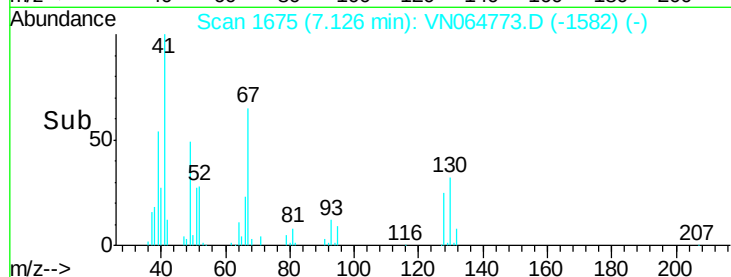
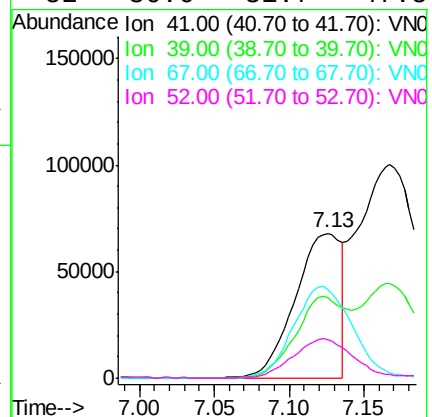
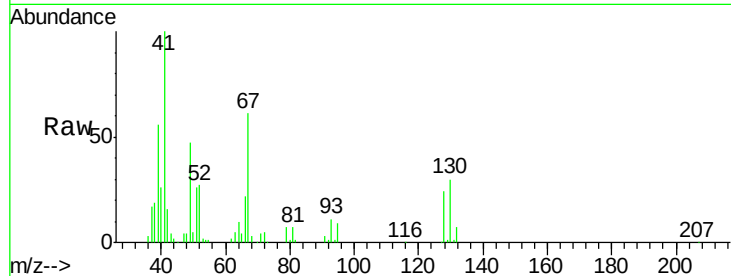
#41
Methacrylonitrile
Concen: 55.773 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	62.5	46.0	69.0		
67	81.4	67.0	100.4		
52	36.6	31.7	47.5		

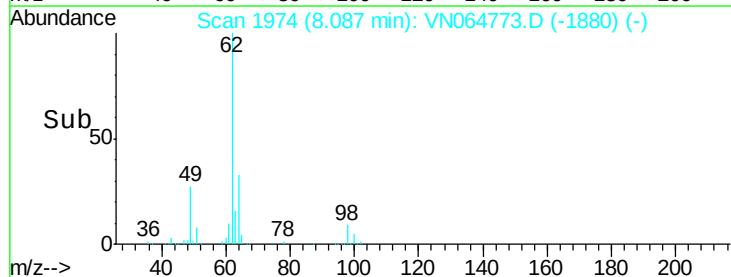
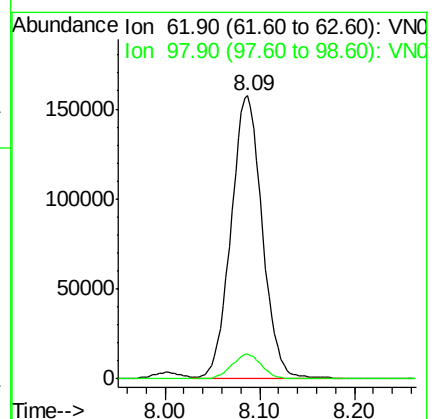
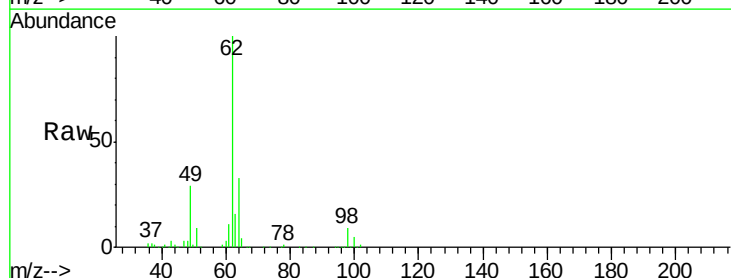
Manual Integrations
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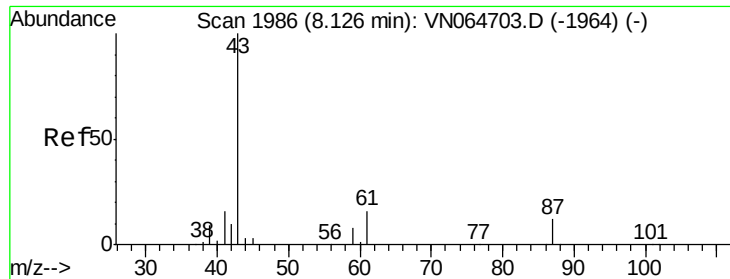
MMDadoda
11/24/2020 3:11:49 PM



#42
1,2-Dichloroethane
Concen: 44.168 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.4	0.0	13.6		





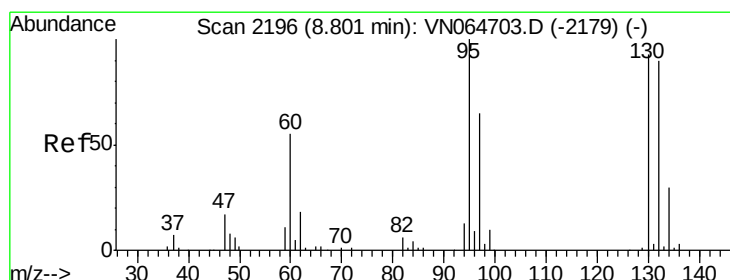
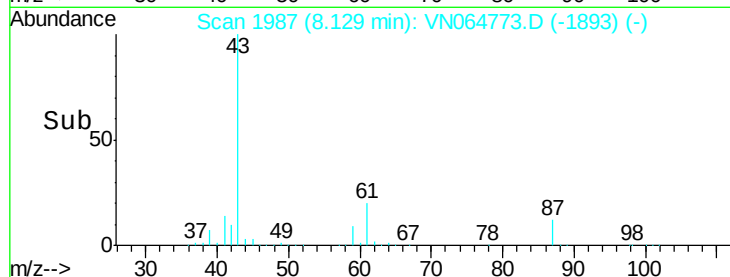
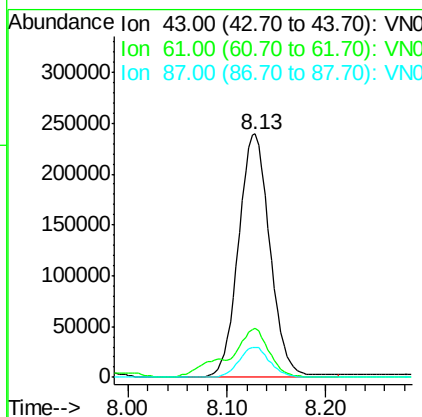
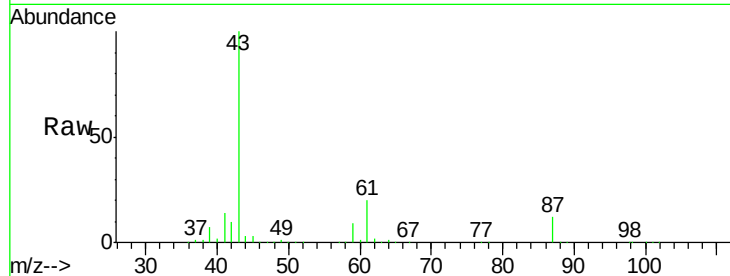
#43
Isopropyl Acetate
Concen: 47.996 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.1	21.1
87	12.3	9.1	13.7

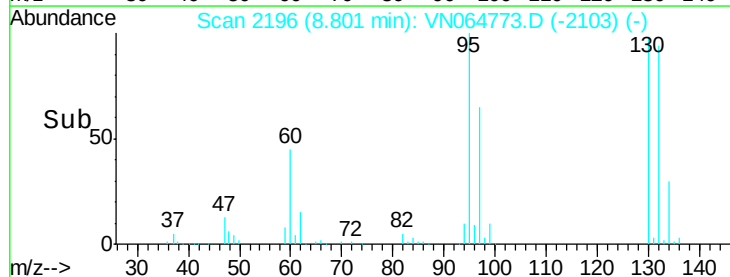
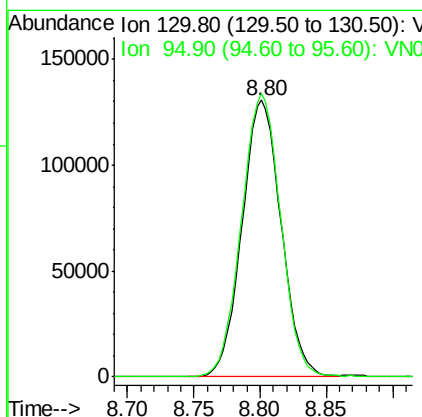
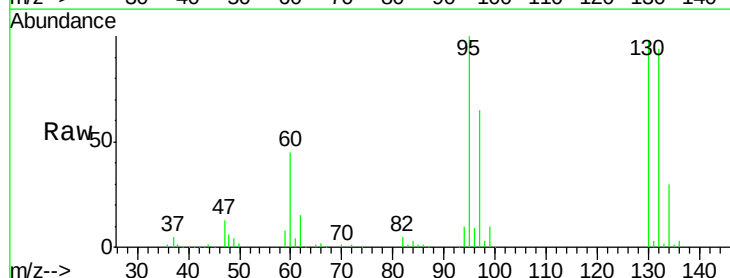
Manual Integrations
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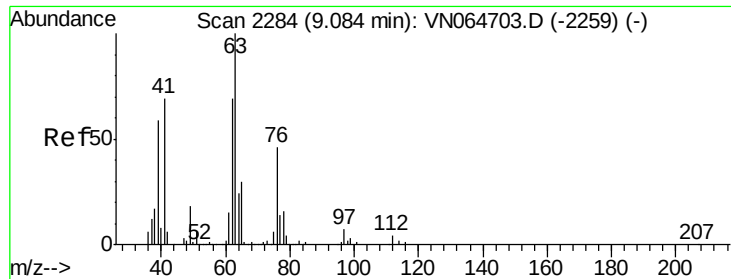
MMDadoda
11/24/2020 3:11:49 PM



#44
Trichloroethene
Concen: 49.529 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	214.2





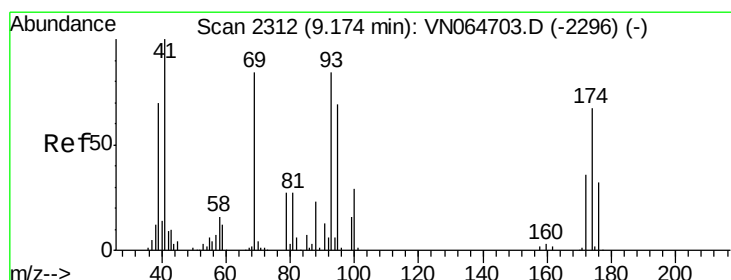
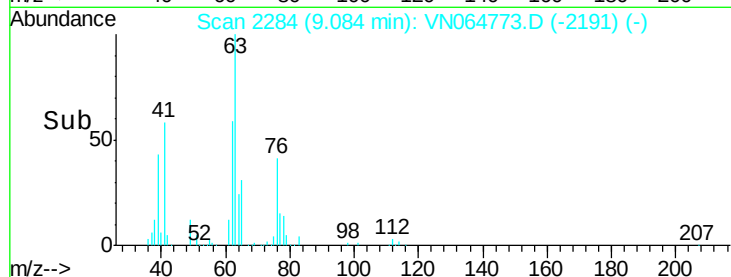
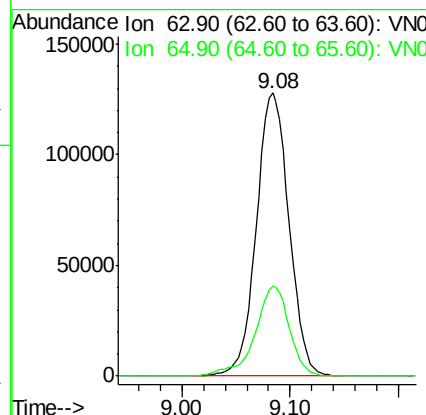
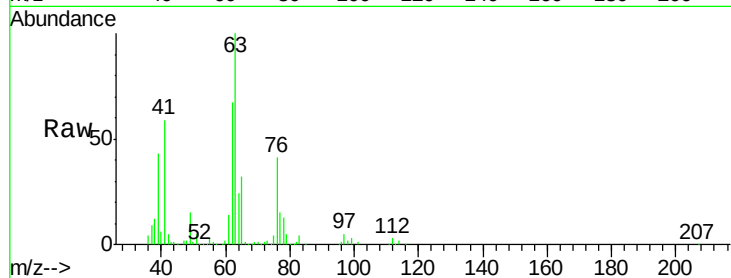
#45
 1,2-Dichloropropane
 Concen: 53.273 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 268630
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.0 36.0

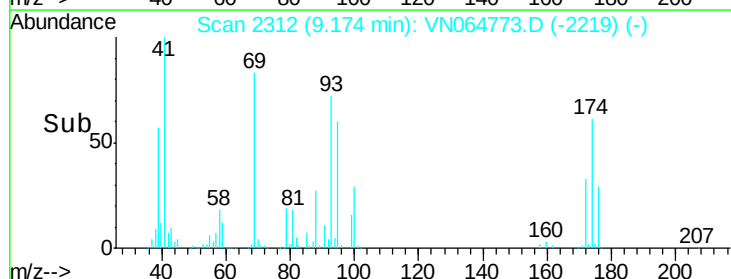
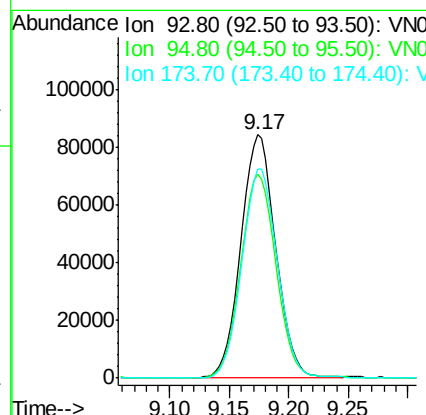
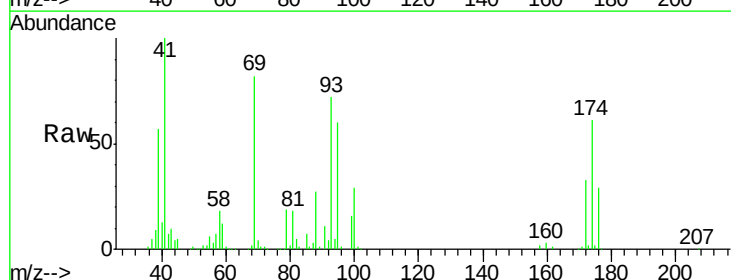
Manual Integrations
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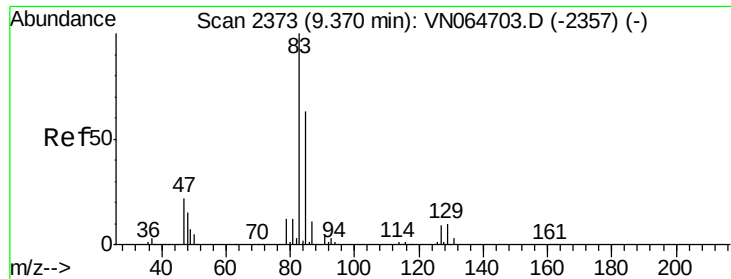
MMDadoda
 11/24/2020 3:11:49 PM



#46
 Dibromomethane
 Concen: 48.031 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 93 Resp: 171681
 Ion Ratio Lower Upper
 93 100
 95 84.8 64.6 97.0
 174 87.4 64.3 96.5





#47

Bromodichloromethane

Concen: 47.665 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

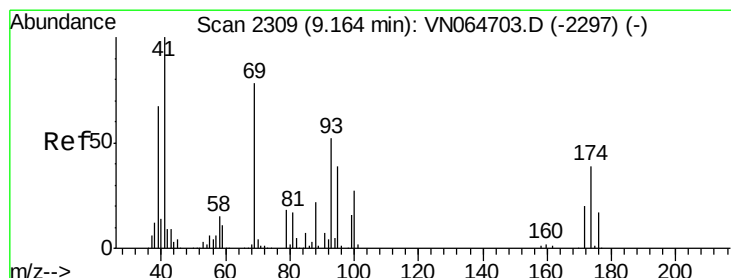
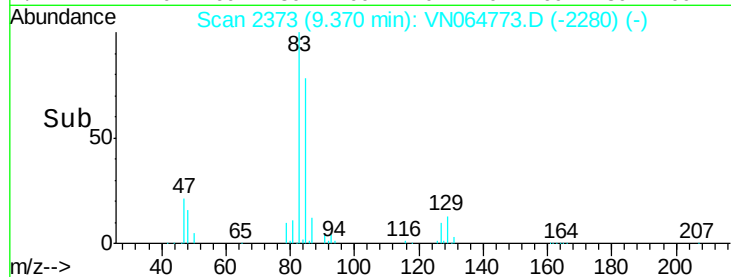
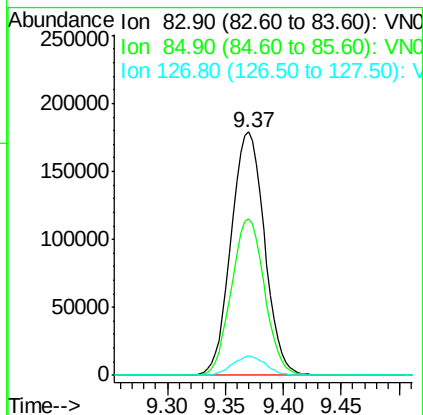
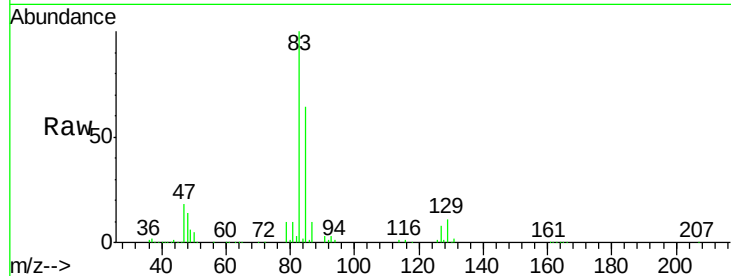
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	358166
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.8	76.2
127	7.9	7.0	10.4

Manual Integrations
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MMDadoda
11/24/2020 3:11:49 PM



#48

Methyl methacrylate

Concen: 50.830 ug/l

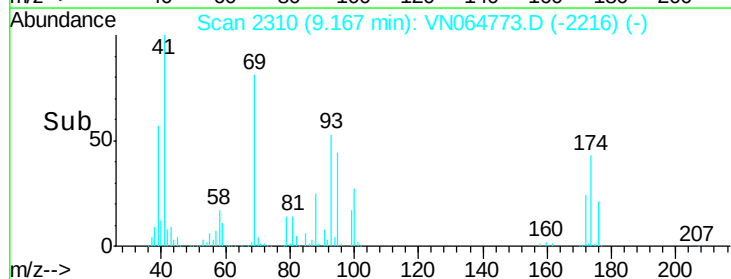
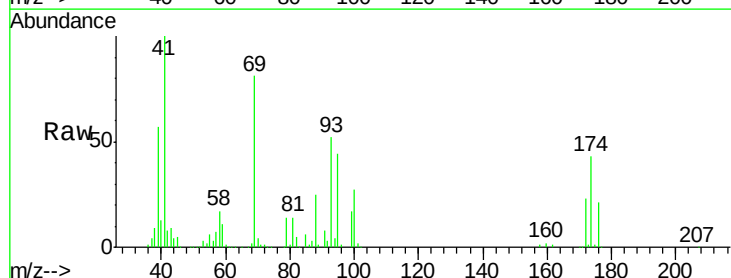
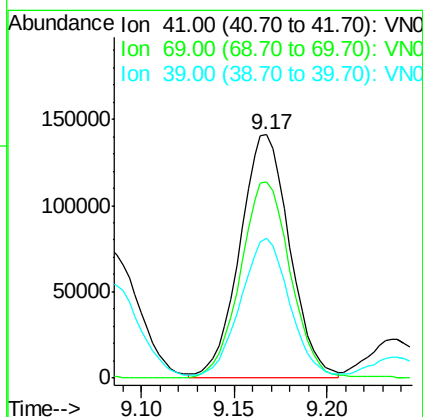
RT: 9.17 min Scan# 2310

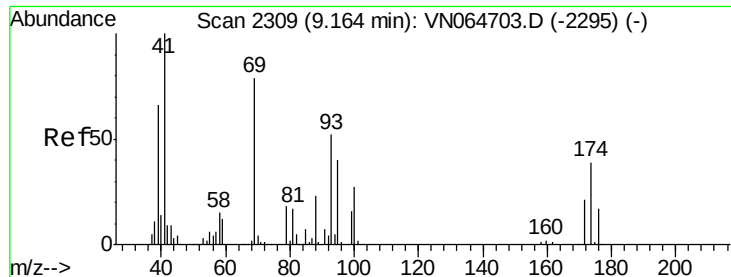
Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion:	41	Resp:	264276
Ion Ratio	Lower	Upper	
41	100		
69	81.1	62.3	93.5
39	56.9	55.1	82.7





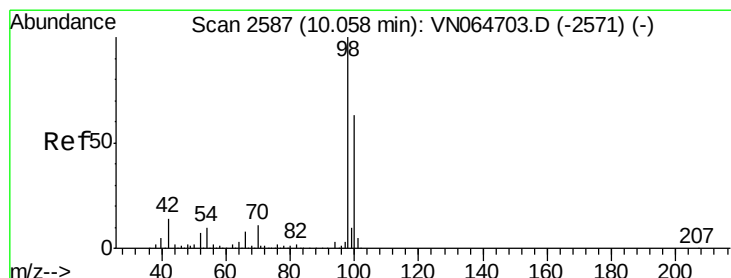
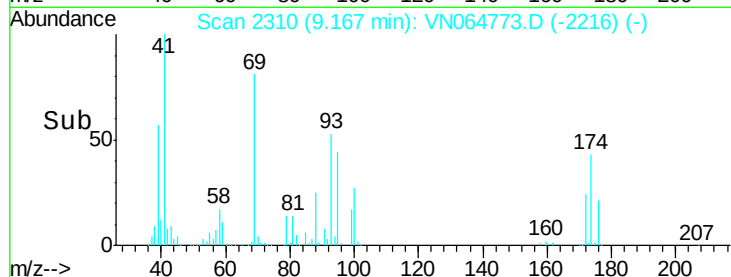
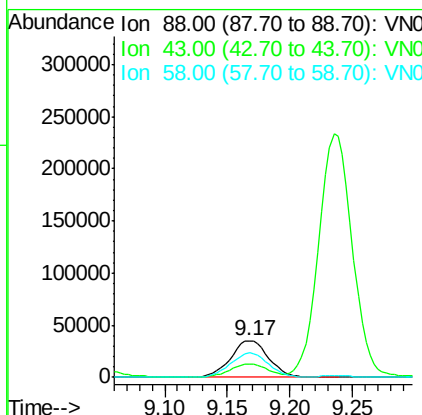
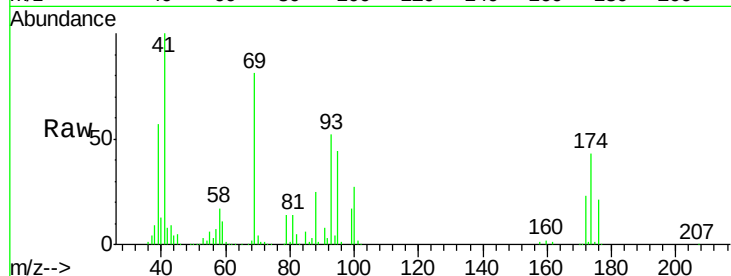
#49
1,4-Dioxane
Concen: 1136.504 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	31.3	46.9
58	67.6	55.7	83.5

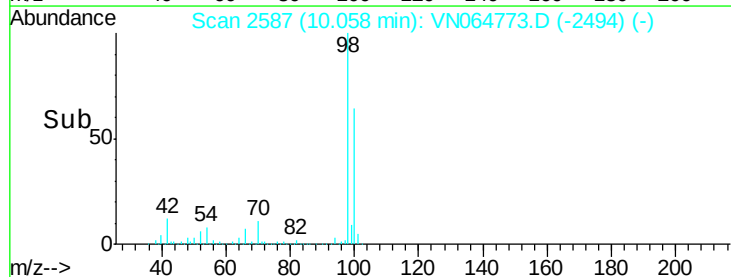
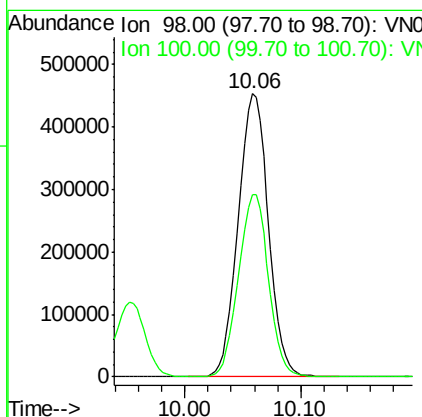
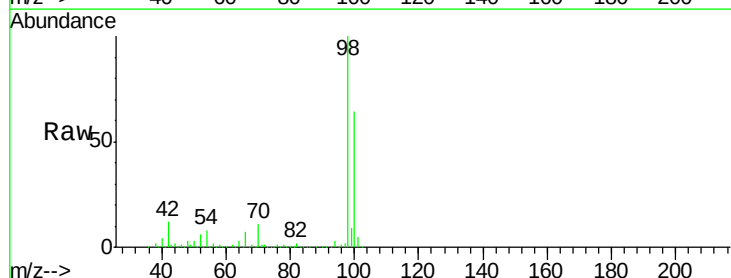
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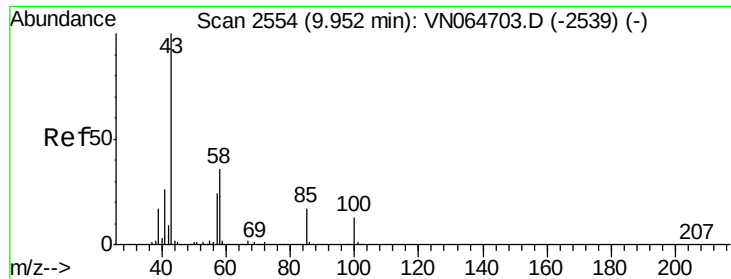
MMDadoda
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#50
Toluene-d8
Concen: 48.124 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.4	75.6





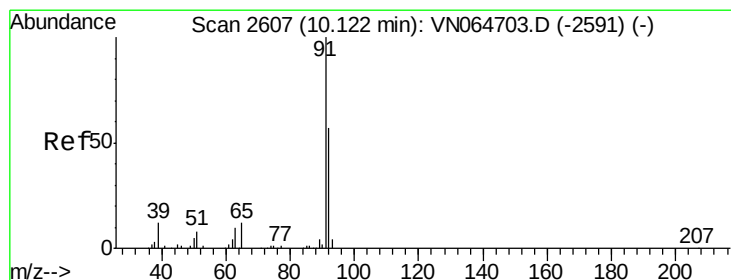
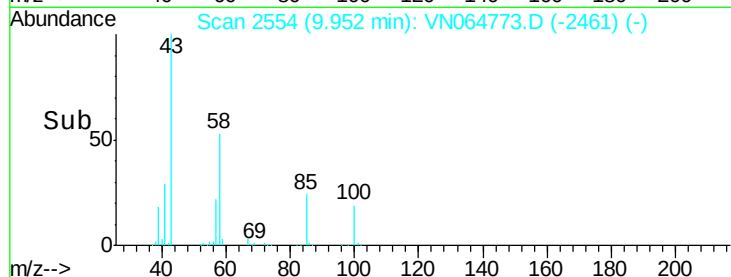
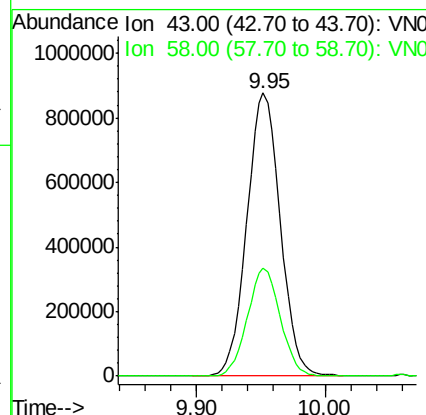
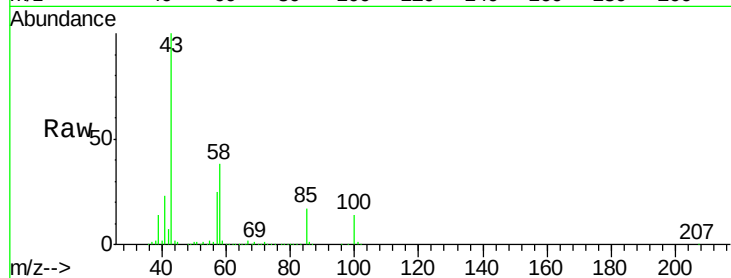
#51
 4-Methyl-2-Pentanone
 Concen: 237.464 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1577455
 Ion Ratio Lower Upper
 43 100
 58 37.8 28.5 42.7

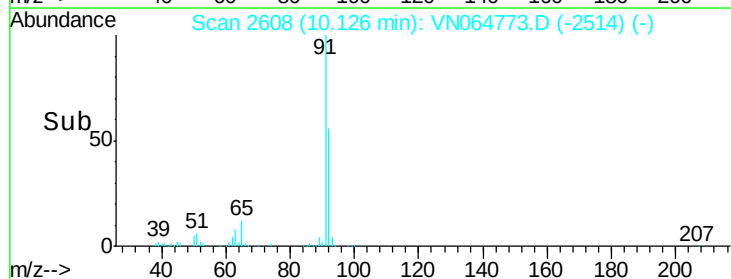
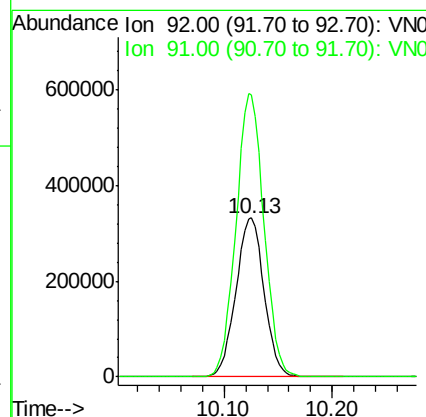
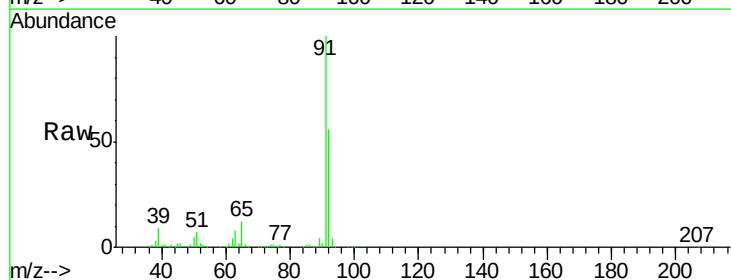
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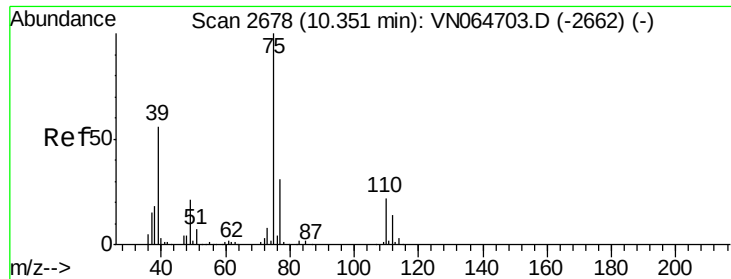
MMDadoda
 11/24/2020 3:11:49 PM



#52
 Toluene
 Concen: 51.875 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 92 Resp: 604400
 Ion Ratio Lower Upper
 92 100
 91 177.3 141.2 211.8





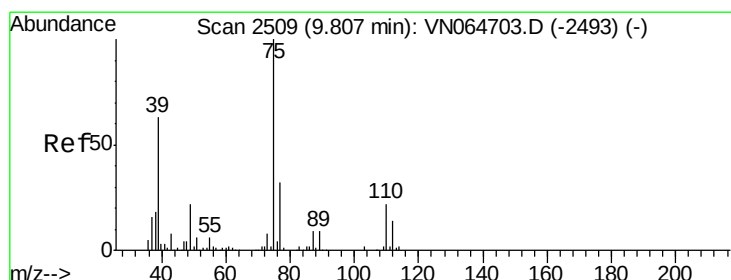
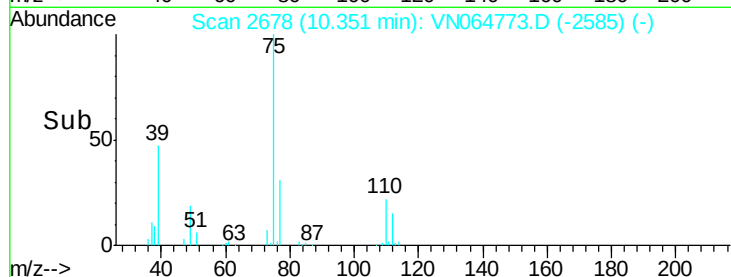
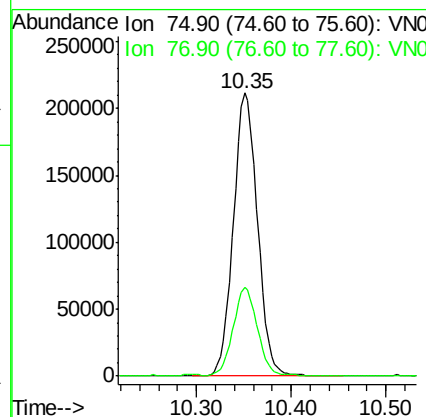
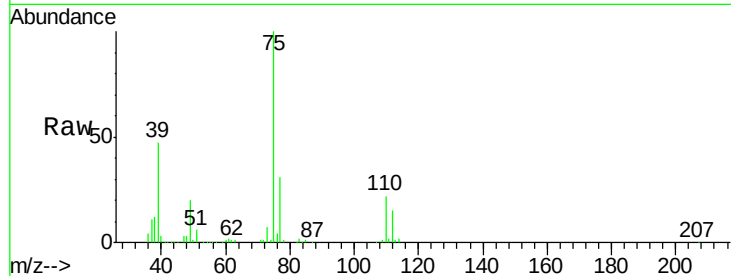
#53
t-1,3-Dichloropropene
Concen: 46.727 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 375775
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

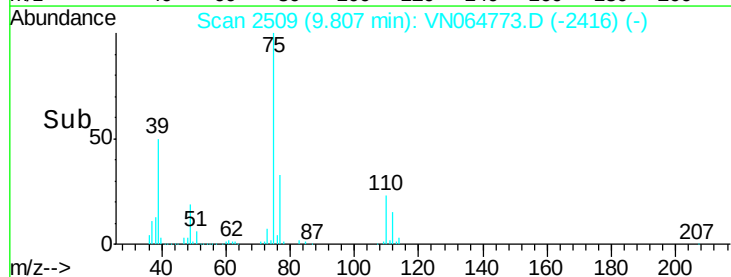
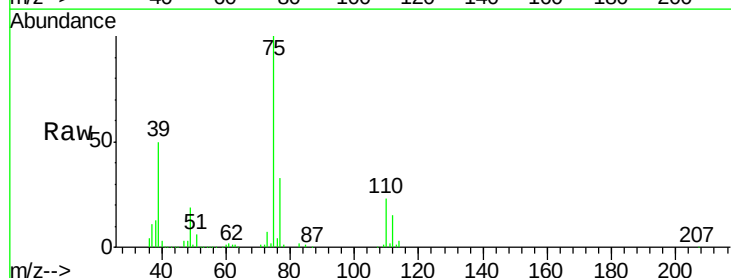
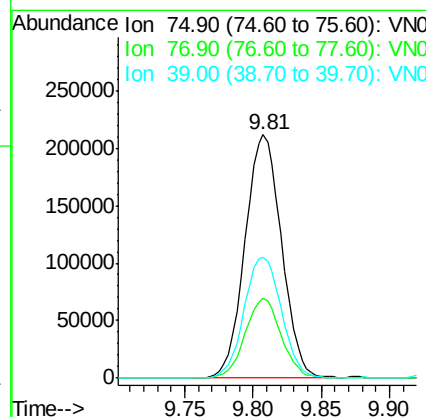
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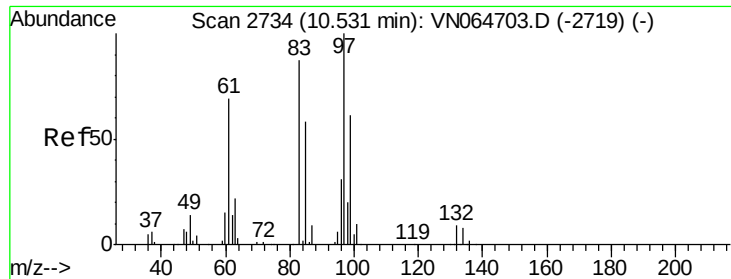
MMDadoda
11/24/2020 3:11:49 PM



#54
cis-1,3-Dichloropropene
Concen: 47.580 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 75 Resp: 393999
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
39 49.7 50.5 75.7#





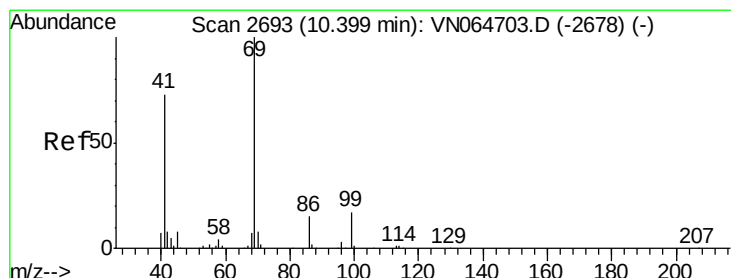
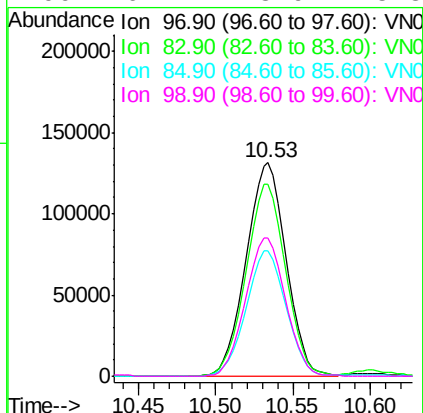
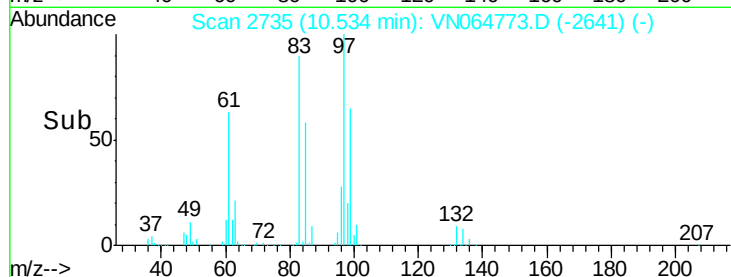
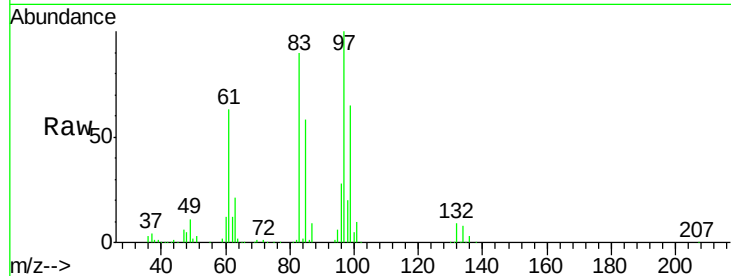
#55
 1,1,2-Trichloroethane
 Concen: 50.641 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.0	69.6	104.4
85	58.5	46.6	70.0
99	64.7	48.9	73.3

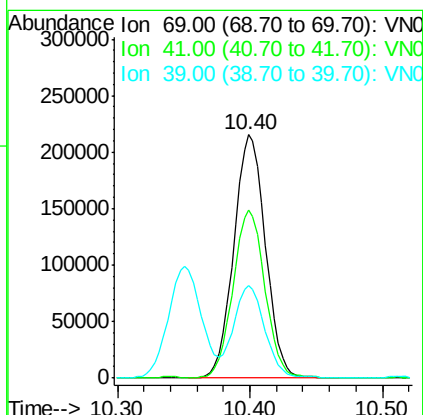
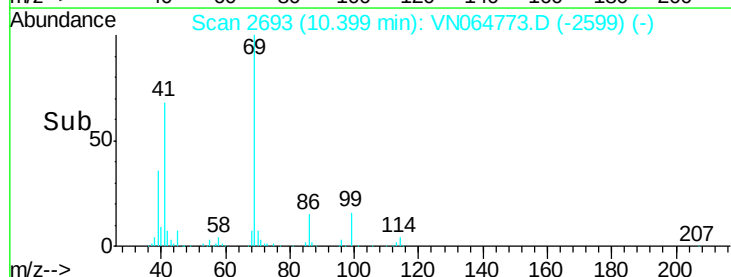
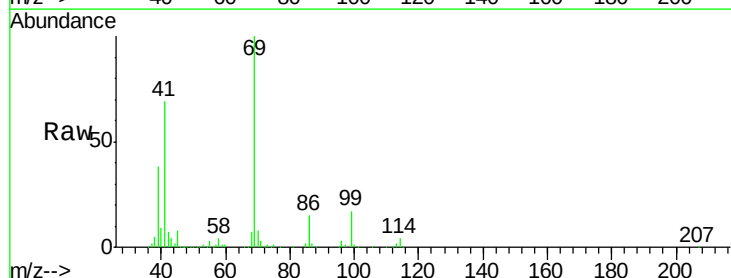
Manual Integrations
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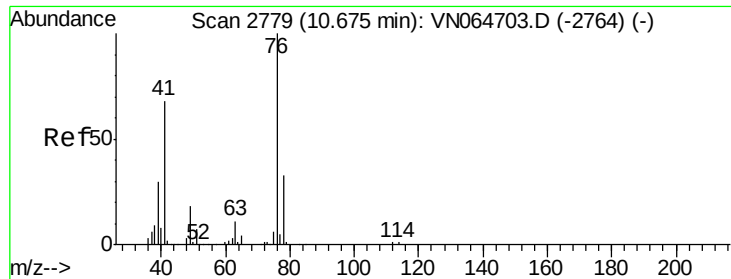
MMDadoda
 11/24/2020 3:11:49 PM



#56
 Ethyl methacrylate
 Concen: 46.732 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.0	59.0	88.4
39	37.3	38.4	57.6#





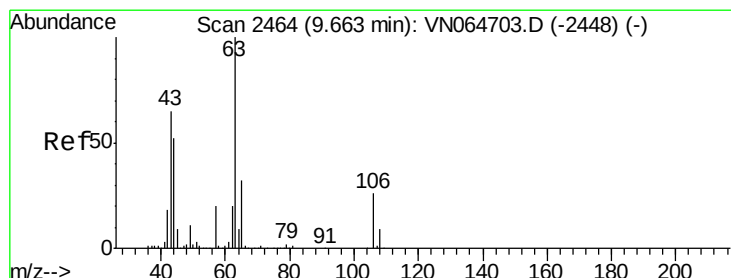
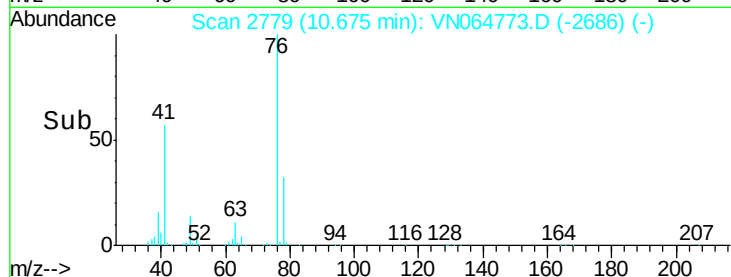
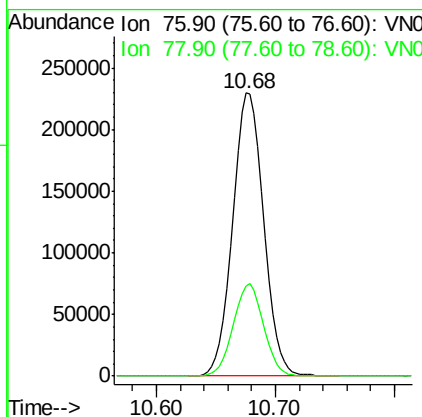
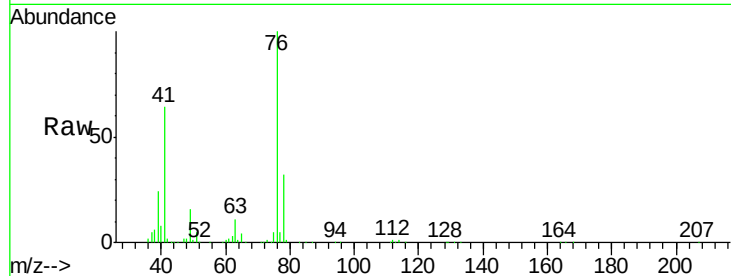
#57
 1,3-Dichloropropane
 Concen: 51.226 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 414670
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.4 39.6

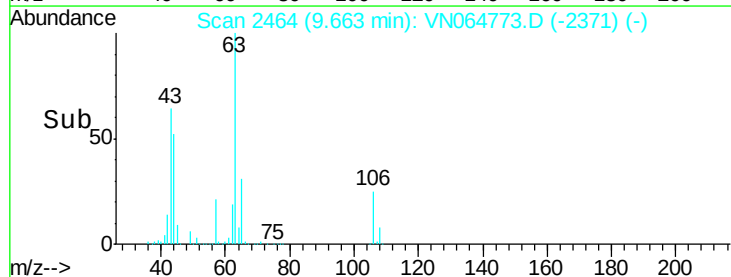
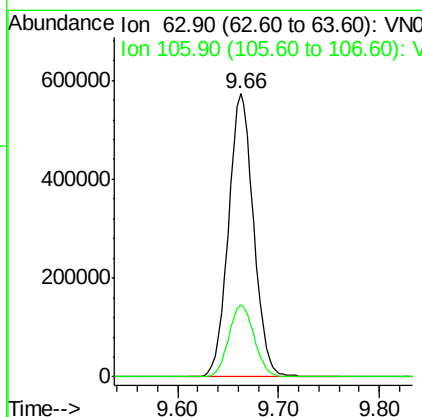
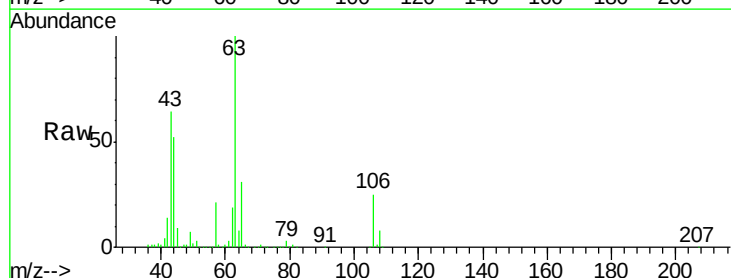
Manual Integrations
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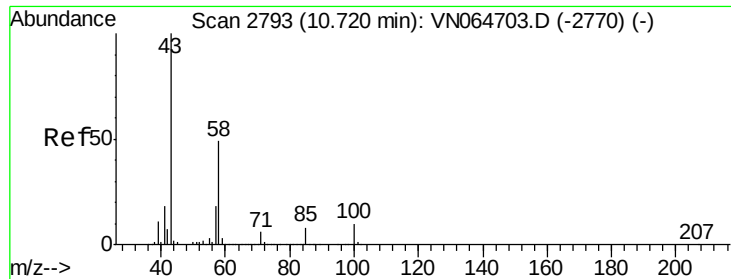
MMDadoda
 11/24/2020 3:11:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.592 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 63 Resp: 993619
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.9 31.3





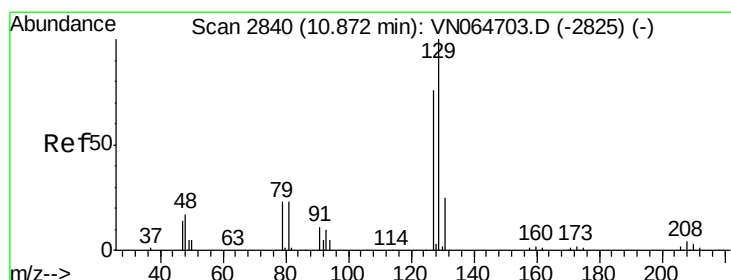
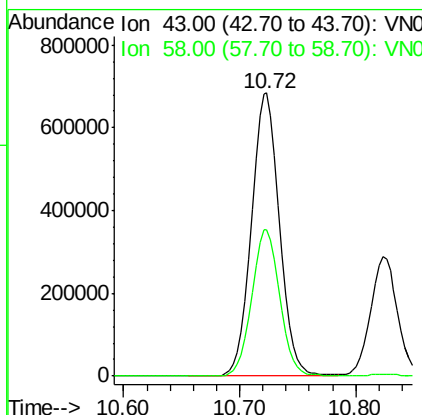
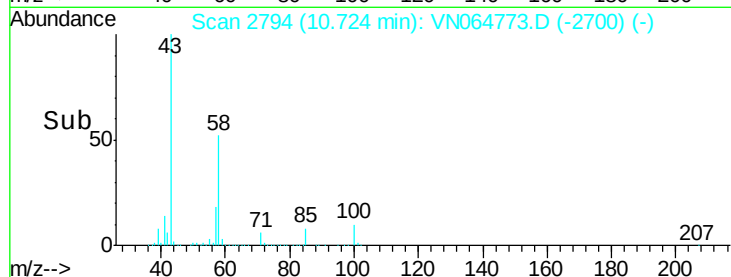
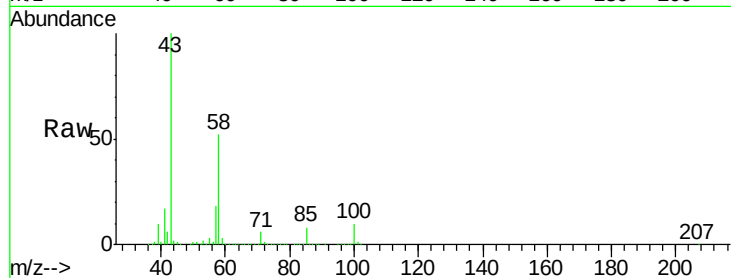
#59
2-Hexanone
Concen: 236.632 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1154015
Ion Ratio Lower Upper
43 100
58 51.9 24.4 73.4

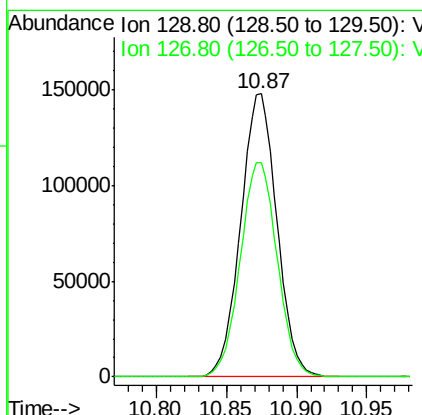
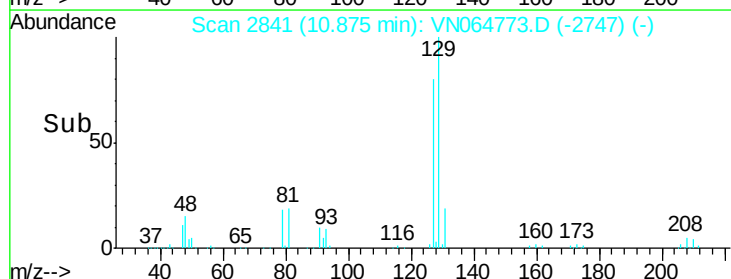
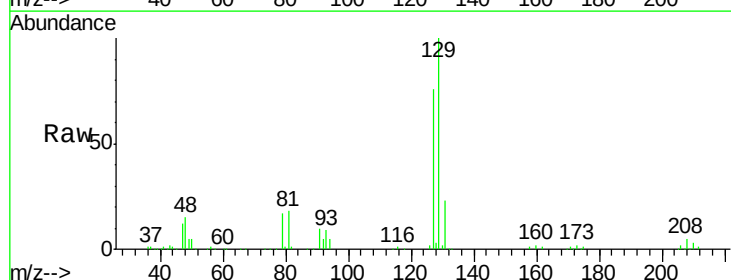
Manual Integrations
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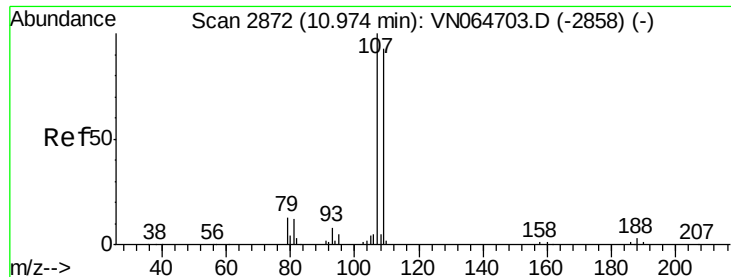
MMDadoda
11/24/2020 3:11:49 PM



#60
Dibromochloromethane
Concen: 49.396 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 129 Resp: 266693
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





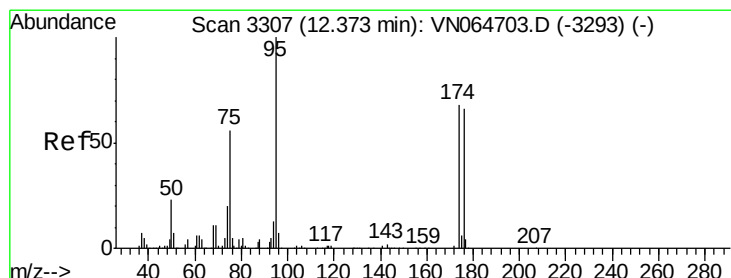
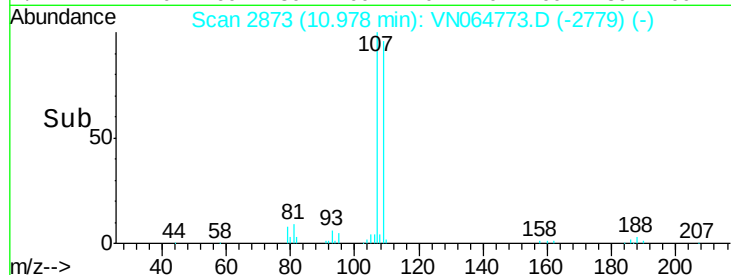
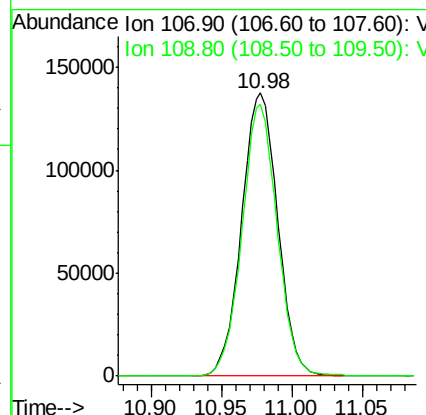
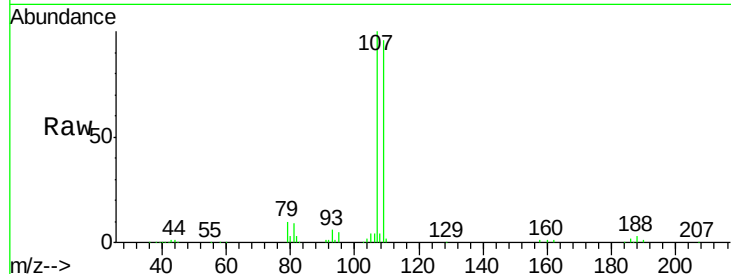
#61
 1,2-Dibromoethane
 Concen: 49.609 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	74.2	111.4

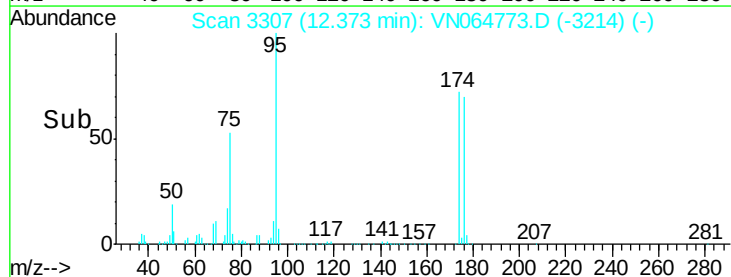
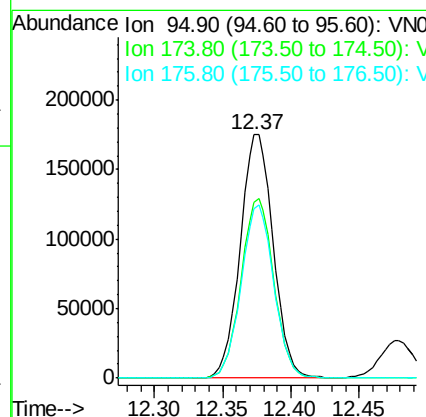
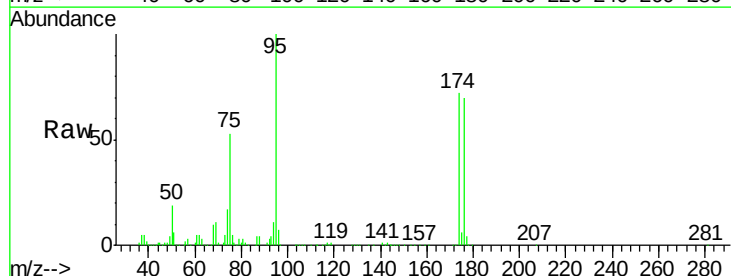
Manual Integrations
 APPROVED

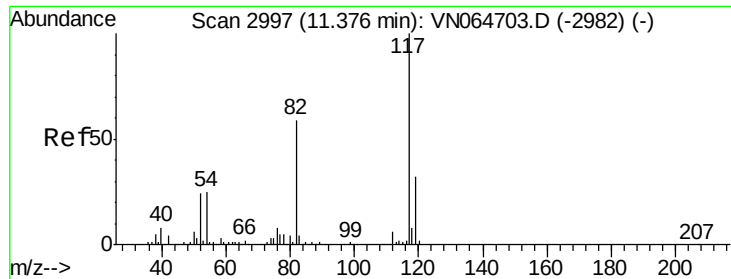
MMDadoda
 11/24/2020 3:11:49 PM



#62
 4-Bromofluorobenzene
 Concen: 45.959 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	136.8
176	70.4	0.0	134.2





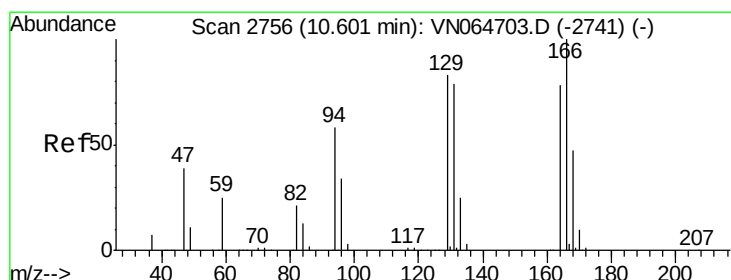
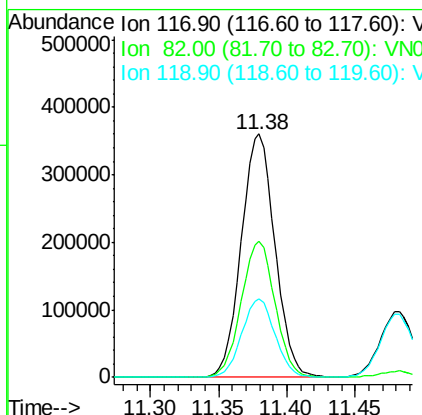
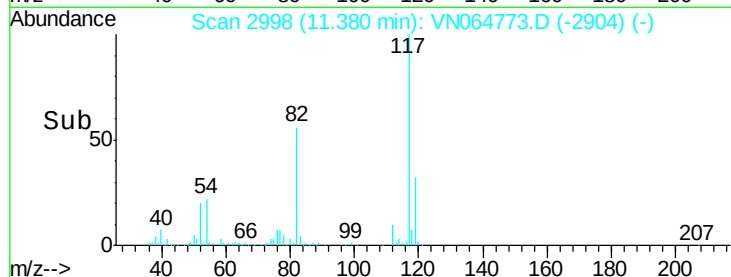
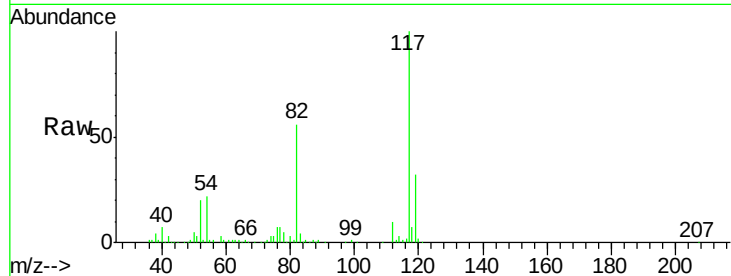
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	618853		
82	56.1	47.0	70.6	
119	32.4	25.4	38.2	

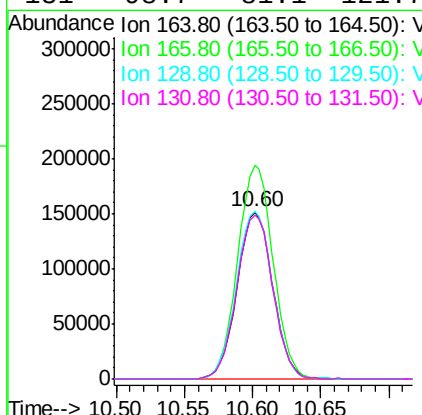
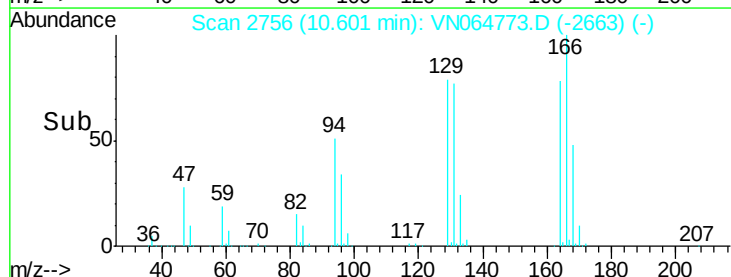
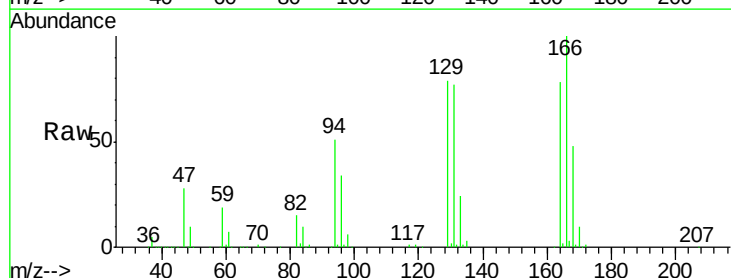
Manual Integrations
APPROVED

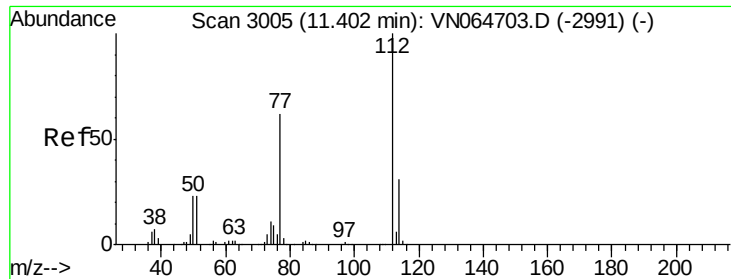
MMDadoda
11/24/2020 3:11:49 PM



#64
Tetrachloroethene
Concen: 50.321 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	276075		
166	128.1	102.2	153.4	
129	100.9	84.7	127.1	
131	98.7	81.1	121.7	





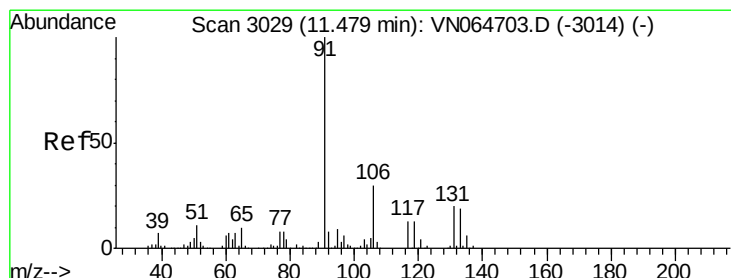
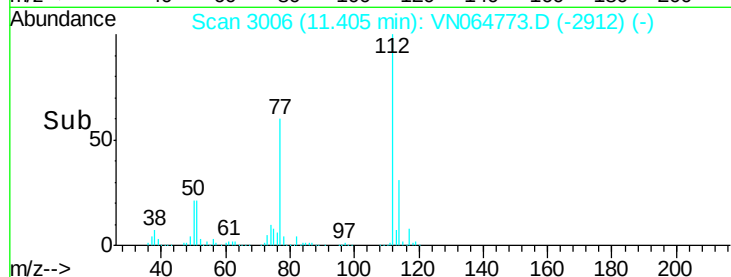
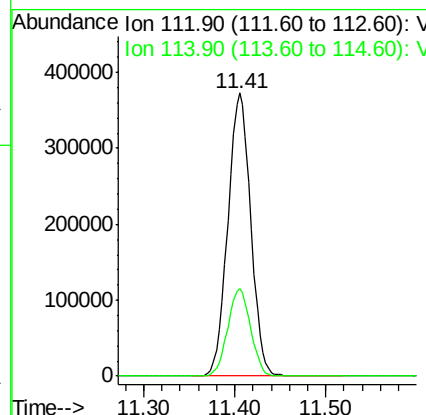
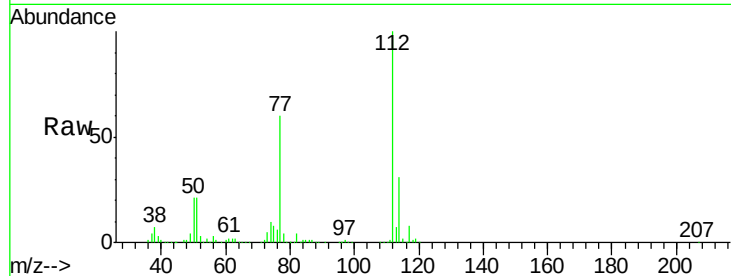
#65
Chlorobenzene
Concen: 49.457 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 651055
Ion Ratio Lower Upper
112 100
114 31.1 24.7 37.1

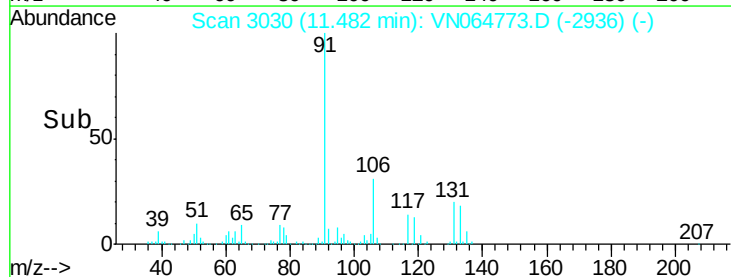
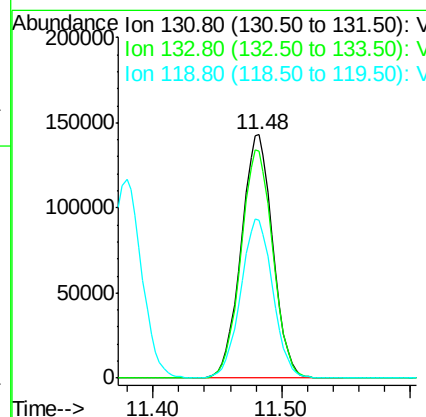
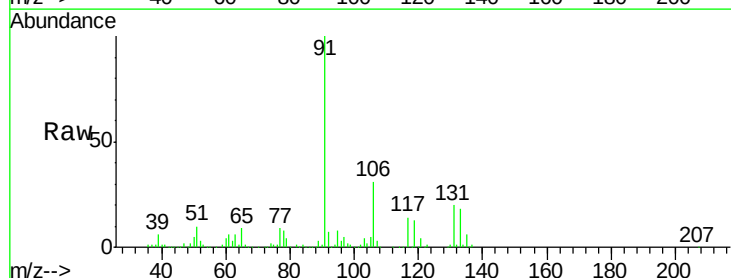
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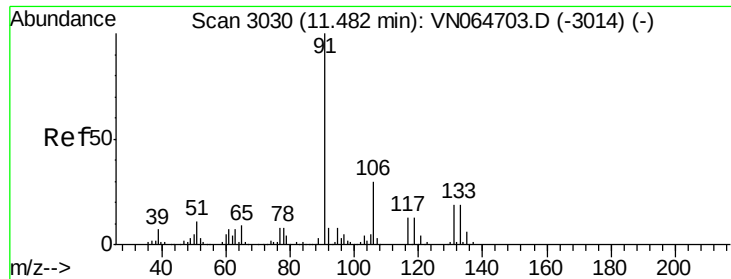
MMDadoda
11/24/2020 3:11:49 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.563 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion:131 Resp: 243790
Ion Ratio Lower Upper
131 100
133 94.8 48.8 146.4
119 66.2 33.5 100.4





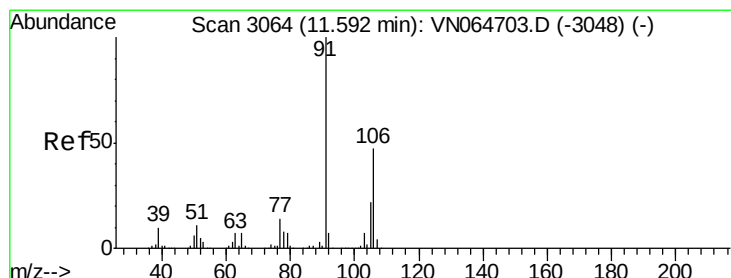
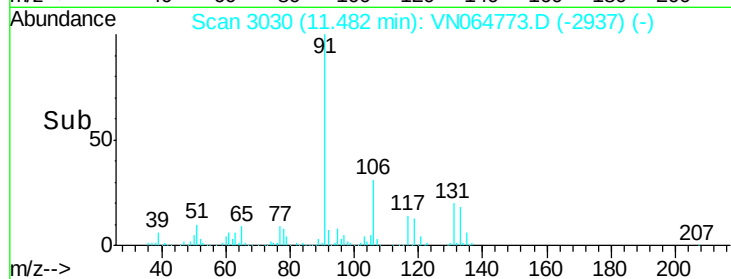
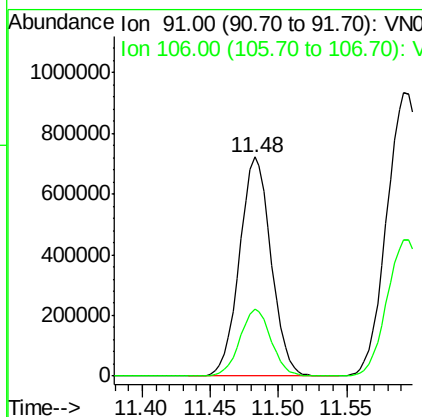
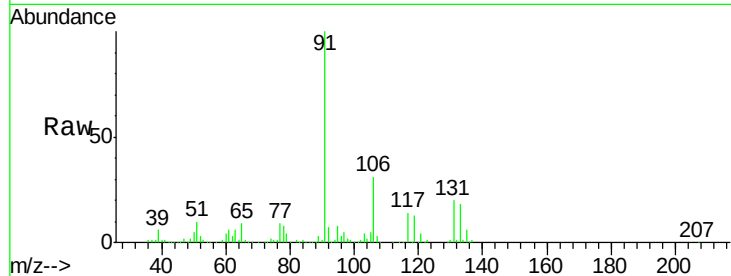
#67
Ethyl Benzene
Concen: 50.021 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1161010
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9

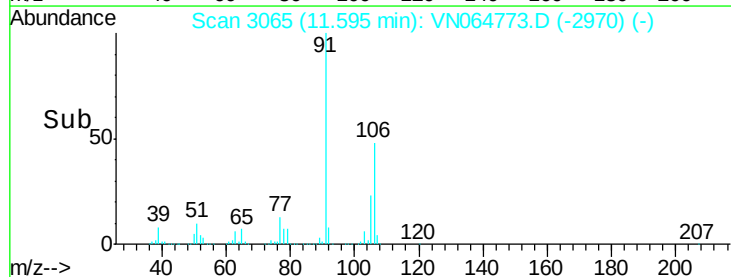
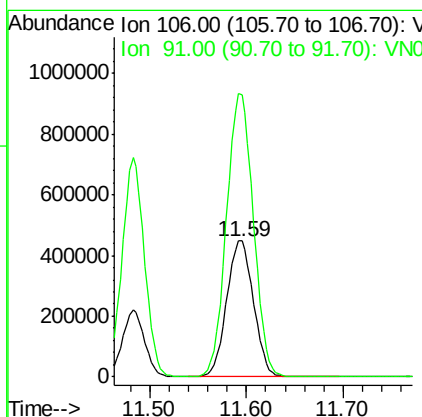
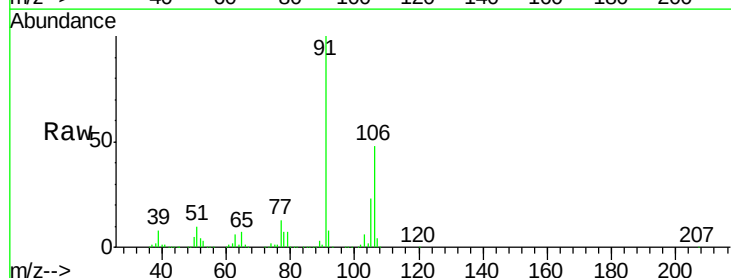
Manual Integrations
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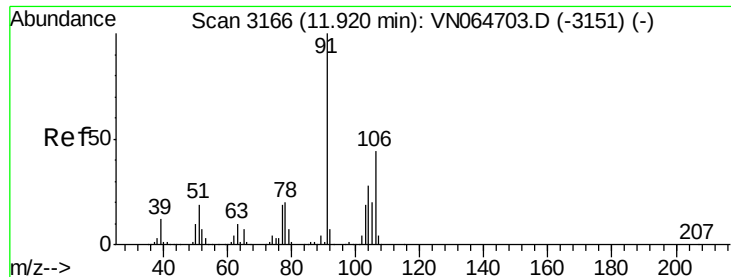
MMDadoda
11/24/2020 3:11:49 PM



#68
m/p-Xylenes
Concen: 91.725 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 106 Resp: 861209
Ion Ratio Lower Upper
106 100
91 208.3 171.9 257.9





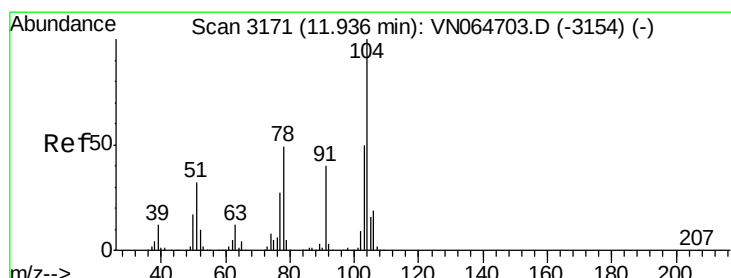
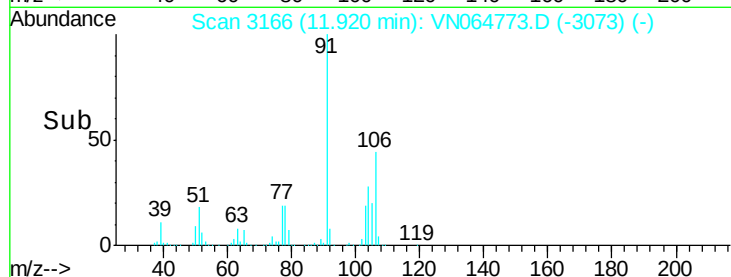
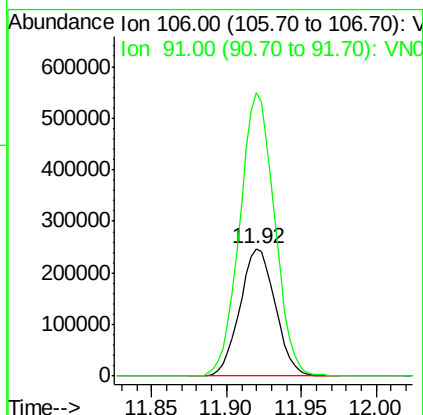
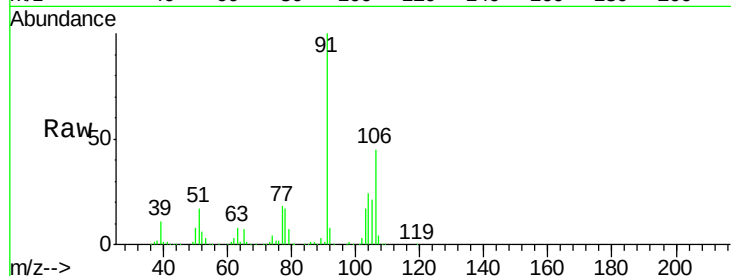
#69
o-Xylene
Concen: 50.175 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		406295		
91	219.7	112.1	336.3		

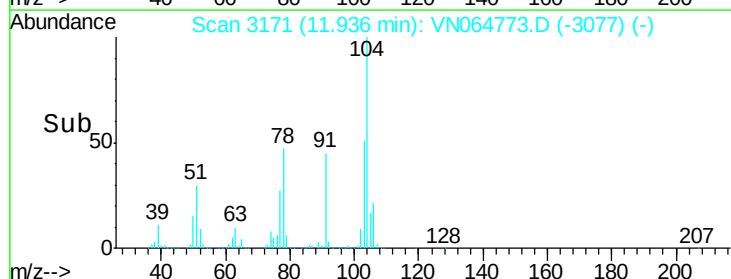
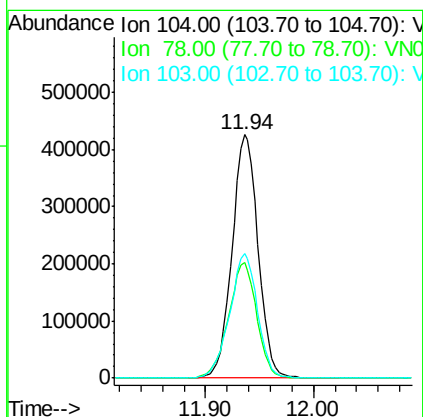
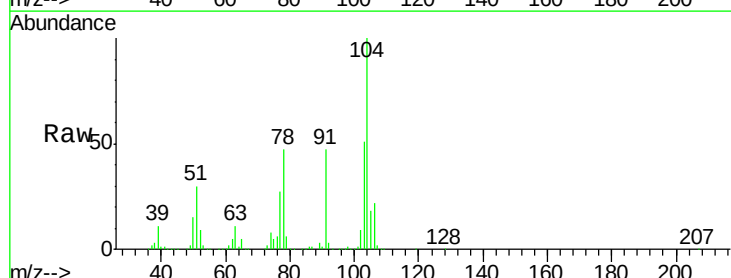
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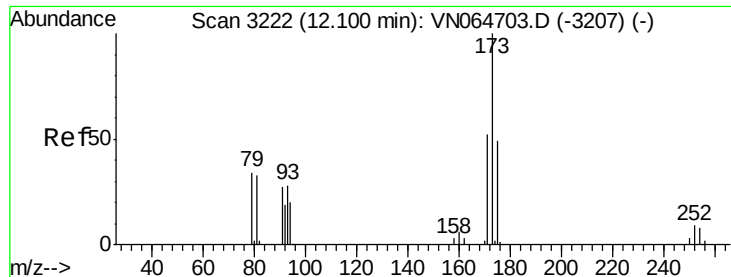
MMDadoda
11/24/2020 3:11:49 PM



#70
Styrene
Concen: 45.636 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		717038		
78	51.6	44.1	66.1		
103	54.8	43.7	65.5		





#71

Bromoform

Concen: 44.769 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 170150

Ion Ratio Lower Upper

173 100

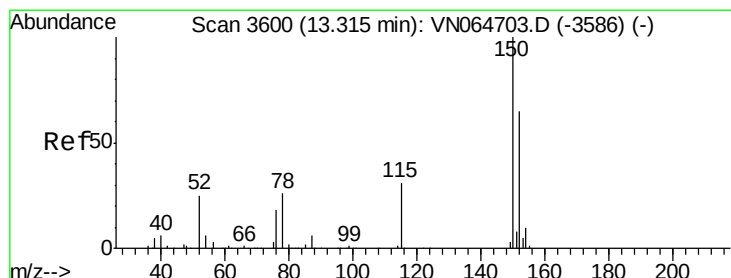
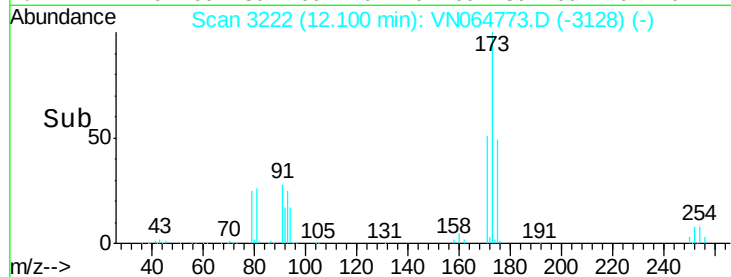
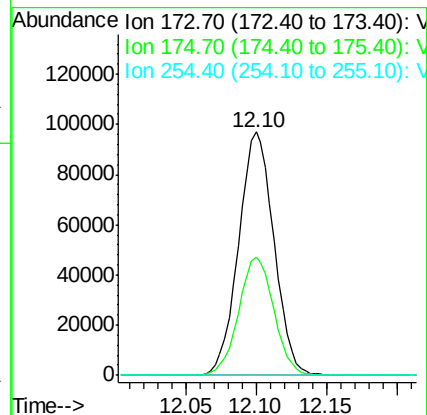
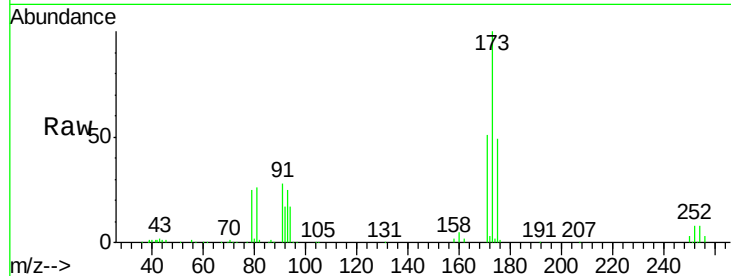
175 48.5 24.3 72.9

254 0.0 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

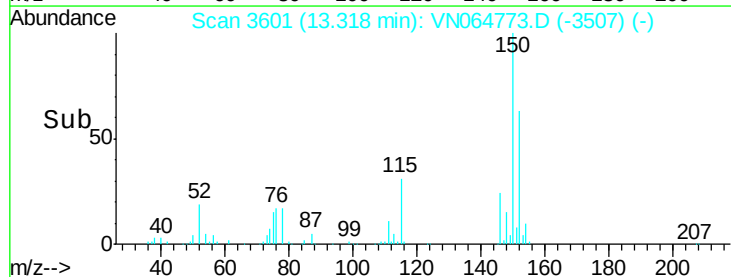
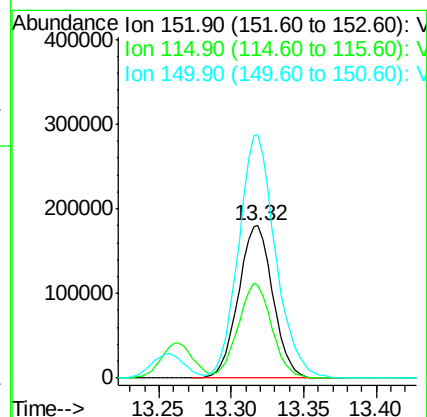
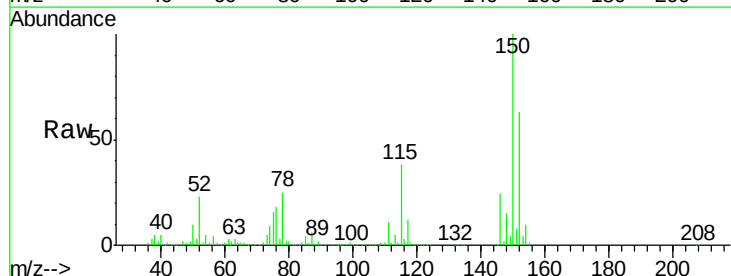
Tgt Ion:152 Resp: 297289

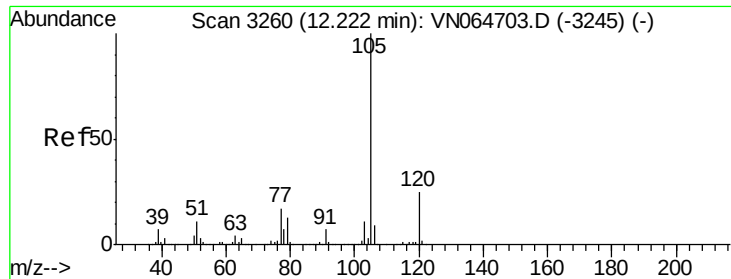
Ion Ratio Lower Upper

152 100

115 60.7 32.1 96.3

150 170.4 0.0 344.8





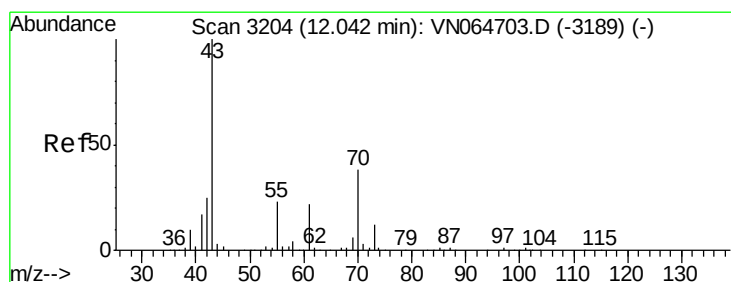
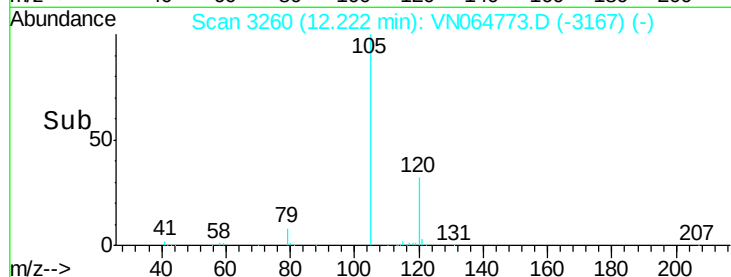
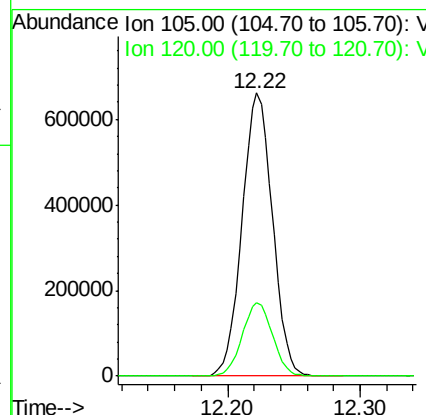
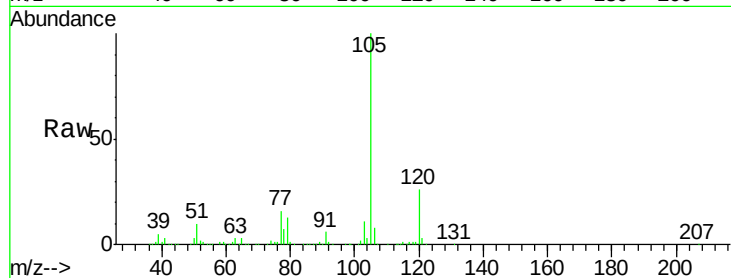
#73
Isopropylbenzene
Concen: 49.896 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1053168
Ion Ratio Lower Upper
105 100
120 26.0 12.8 38.3

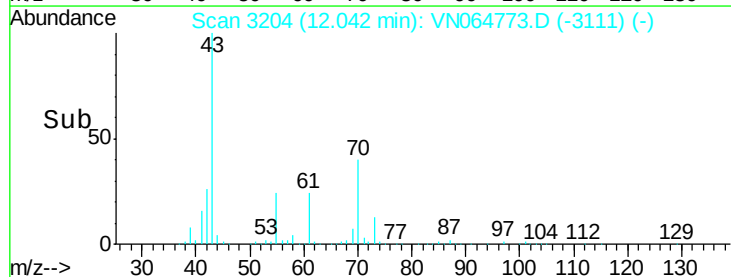
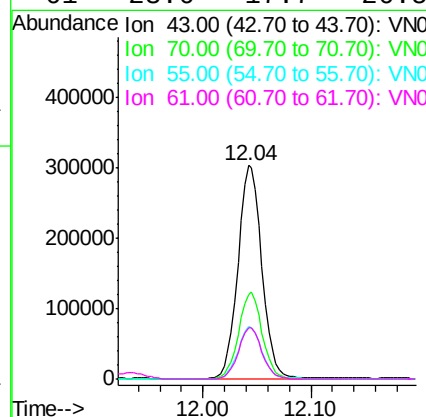
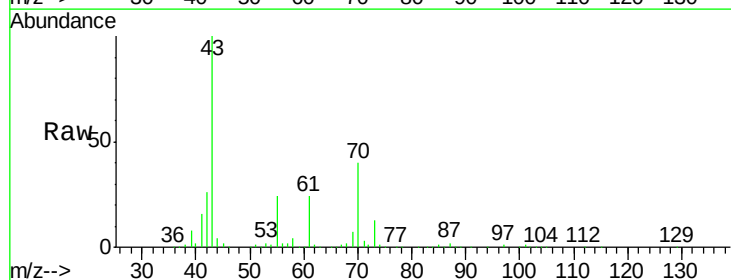
Manual Integrations
APPROVED

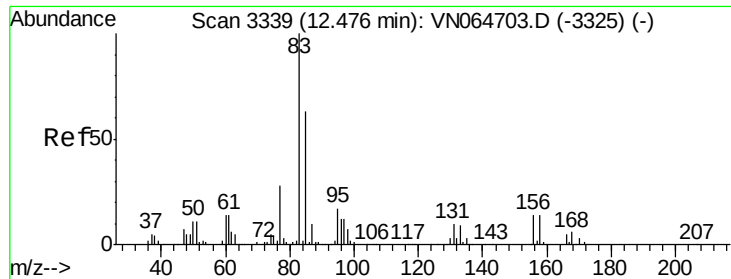
MMDadoda
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#74
N-ethyl acetate
Concen: 47.707 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion: 43 Resp: 470269
Ion Ratio Lower Upper
43 100
70 40.2 30.3 45.5
55 24.8 18.9 28.3
61 23.6 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.225 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

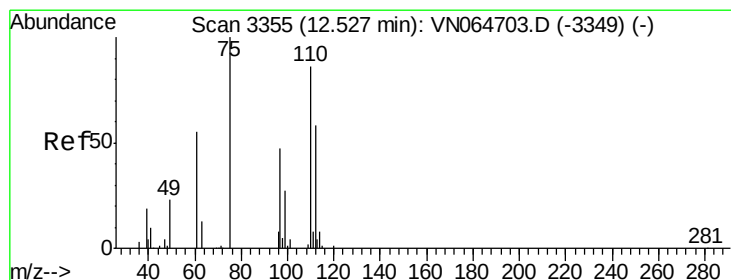
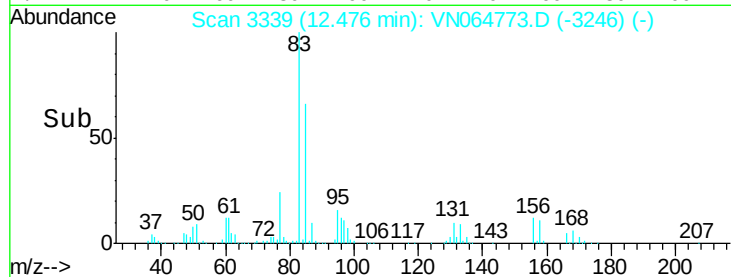
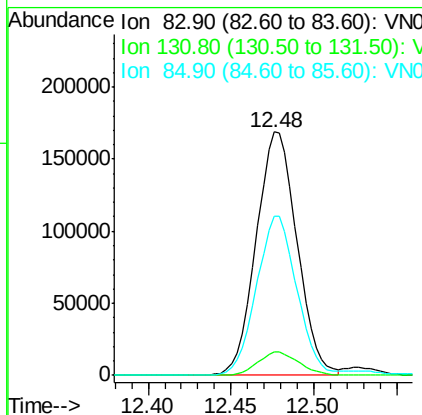
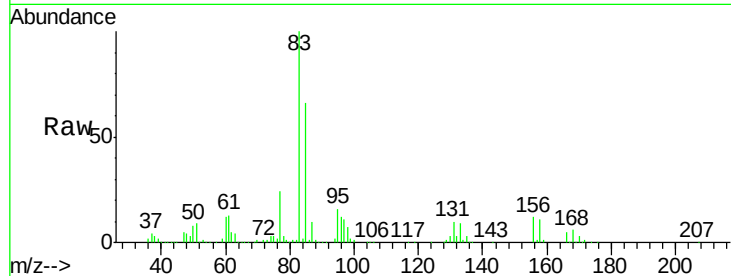
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	290493
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	15.0
85	64.6	31.8	95.4

Manual Integrations
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11/24/2020 3:11:49 PM



#76

1,2,3-Trichloropropane

Concen: 46.156 ug/l m

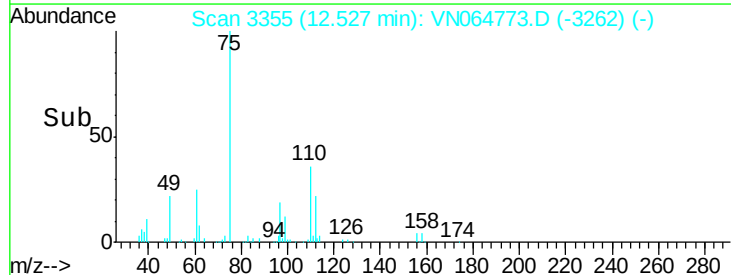
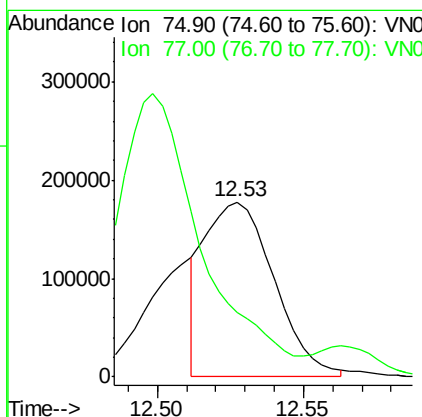
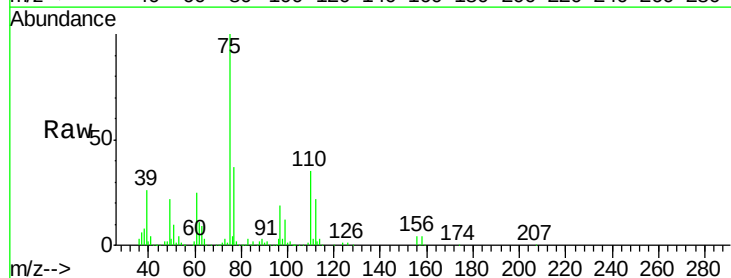
RT: 12.53 min Scan# 3355

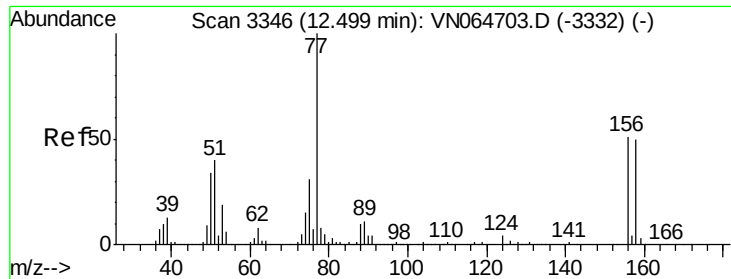
Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion:	75	Resp:	295656
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.516 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

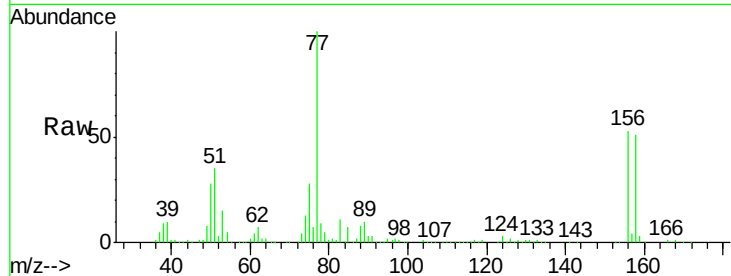
ClientSampleId :

VSTDCCC050EC

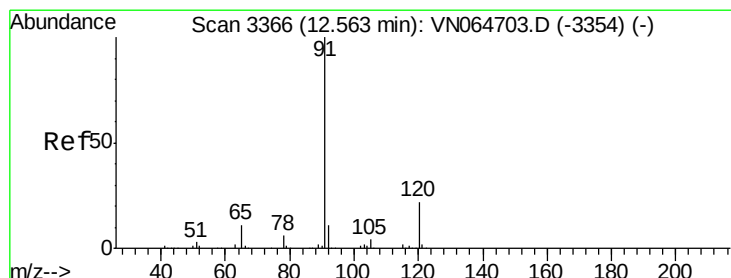
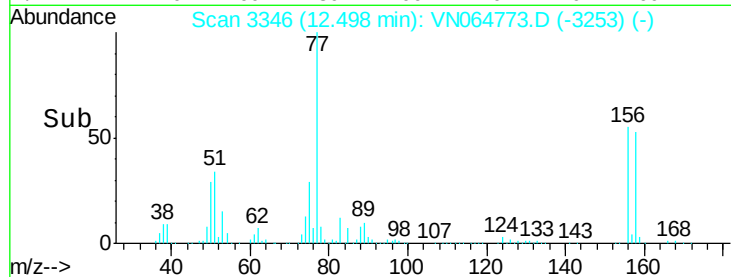
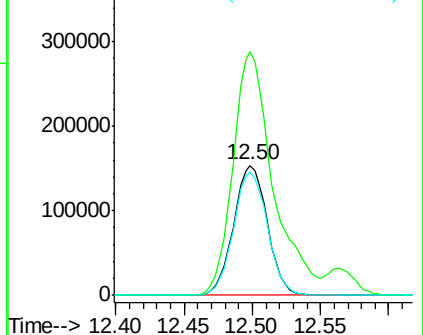
Tot Ion:	156	Resp:	263607
Ion Ratio	Lower	Upper	
156	100		
77	223.5	117.3	351.9
158	95.4	49.0	147.2

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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: 49.758 ug/l

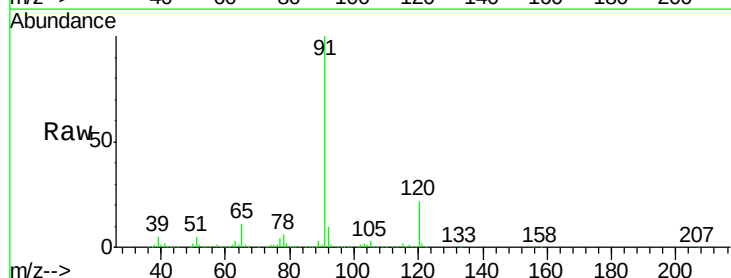
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

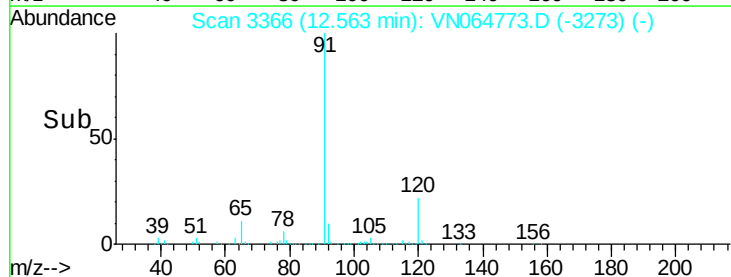
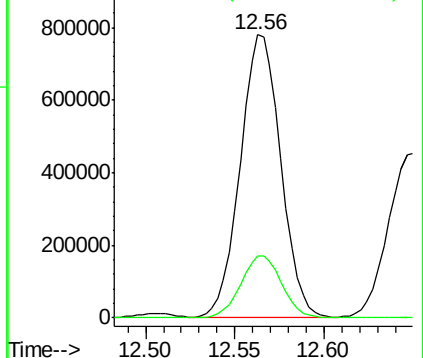
Lab File: VN064773.D

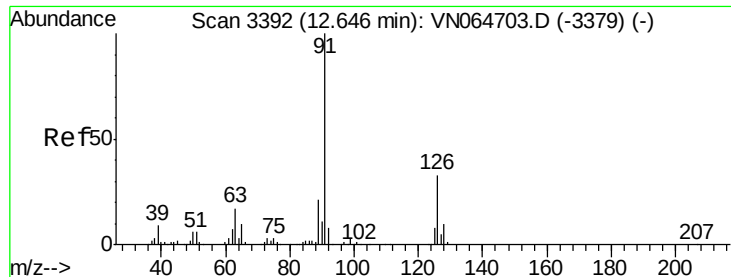
Acq: 20 Nov 2020 10:19

Tgt Ion:	91	Resp:	1223125
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.9	32.9



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





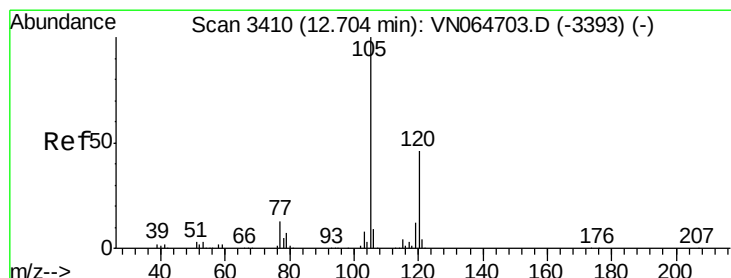
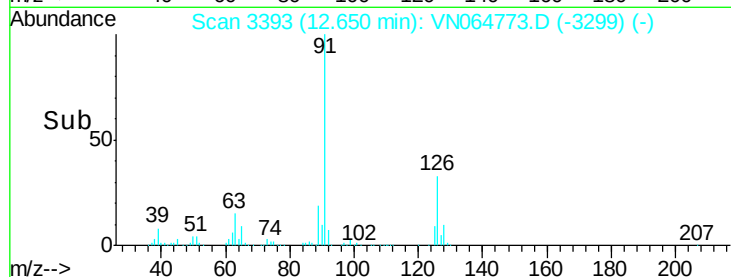
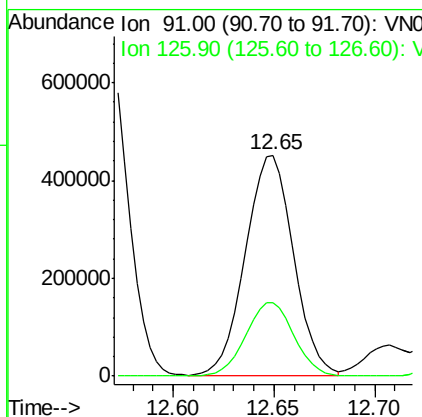
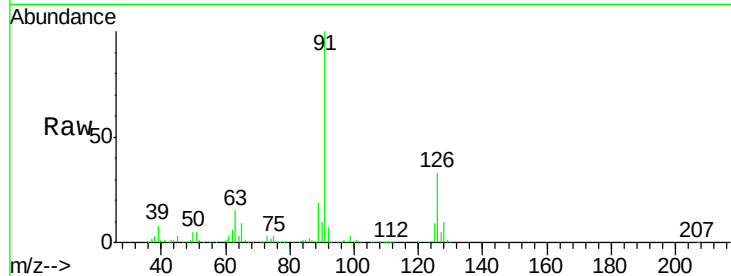
#79
 2-Chlorotoluene
 Concen: 47.800 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 752021
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.0 48.0

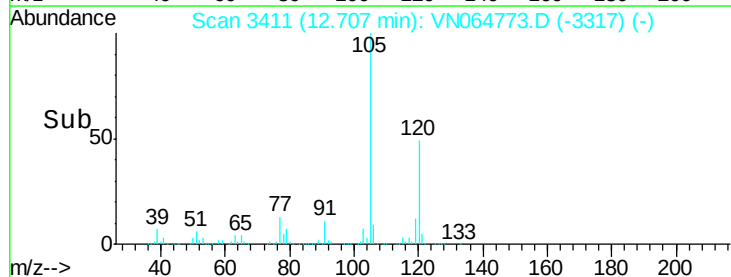
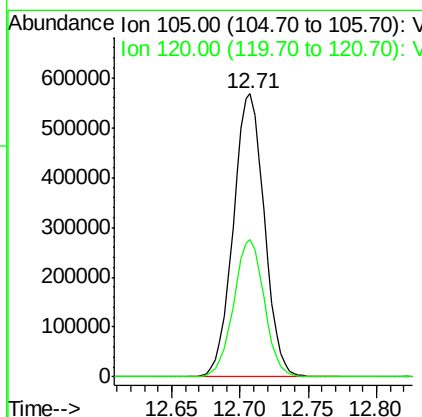
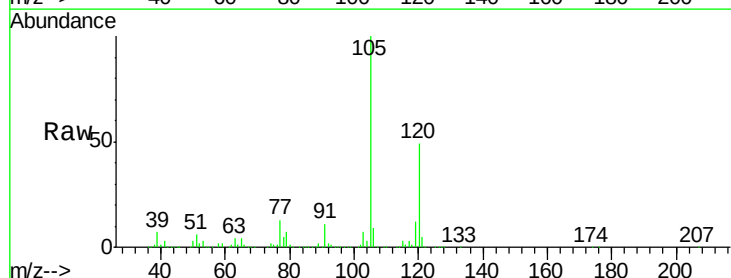
Manual Integrations
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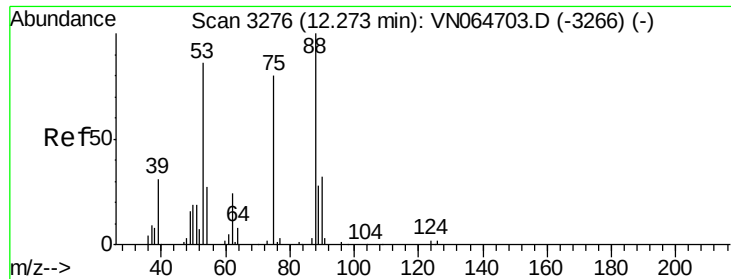
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.935 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion: 105 Resp: 893094
 Ion Ratio Lower Upper
 105 100
 120 47.9 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 43.751 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

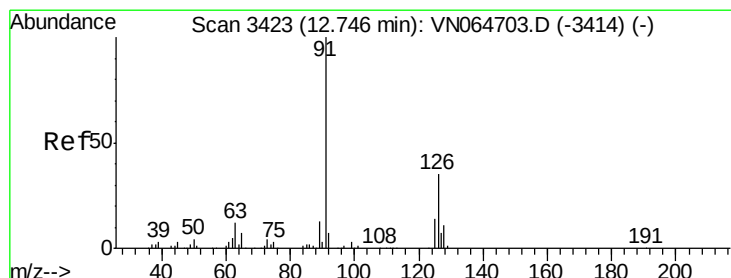
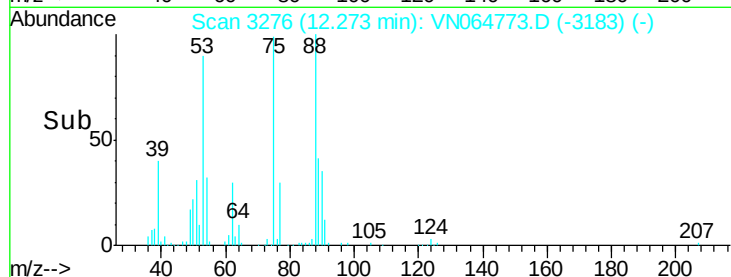
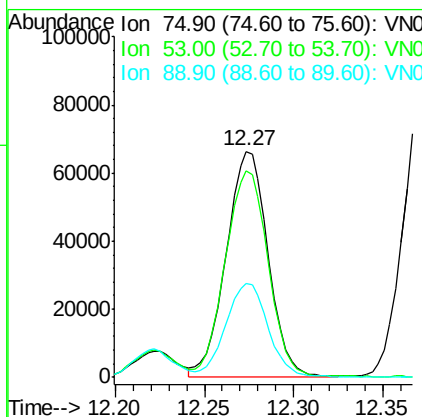
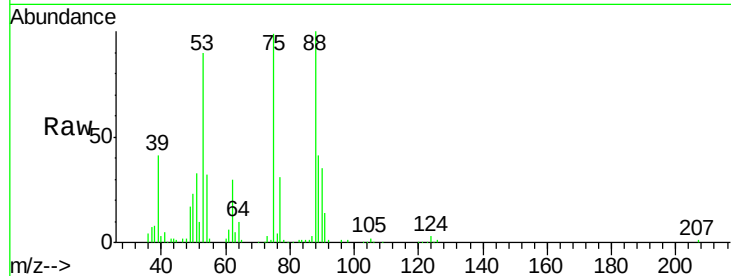
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	108259
Ion Ratio	Lower	Upper	
75	100		
53	93.9	88.8	133.2
89	42.2	43.1	64.7#

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#82

4-Chlorotoluene

Concen: 47.663 ug/l

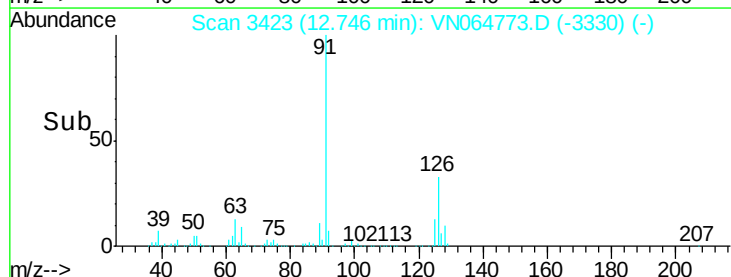
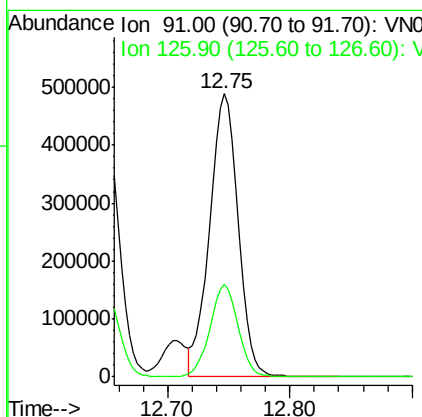
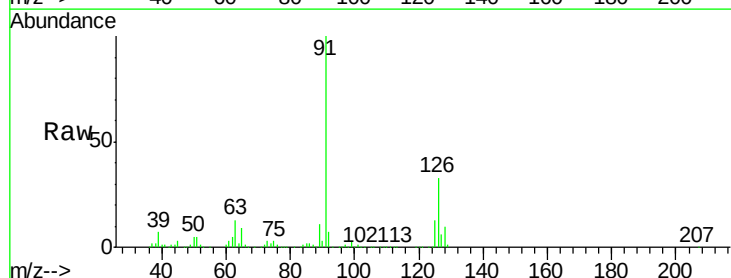
RT: 12.75 min Scan# 3423

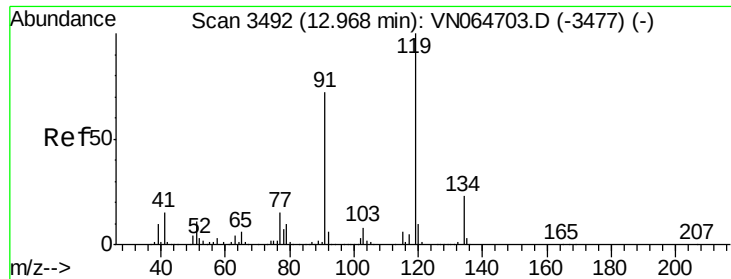
Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion:	91	Resp:	799581
Ion Ratio	Lower	Upper	
91	100		
126	32.0	15.9	47.7





#83

tert-Butylbenzene

Concen: 52.205 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

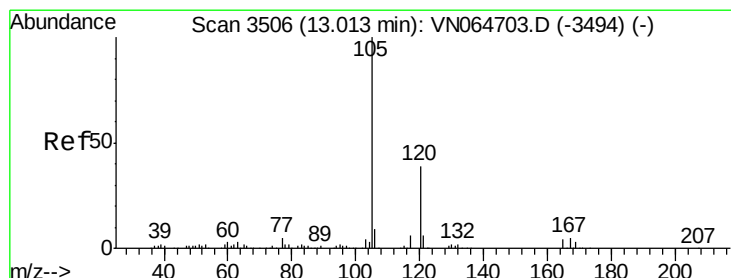
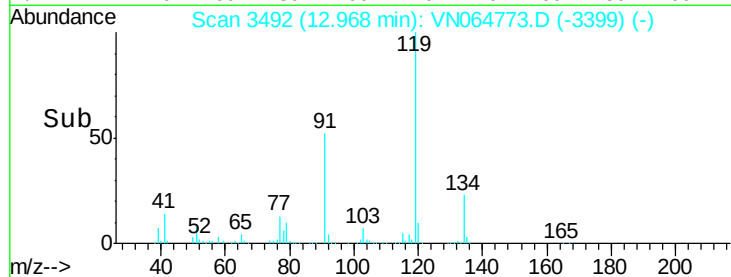
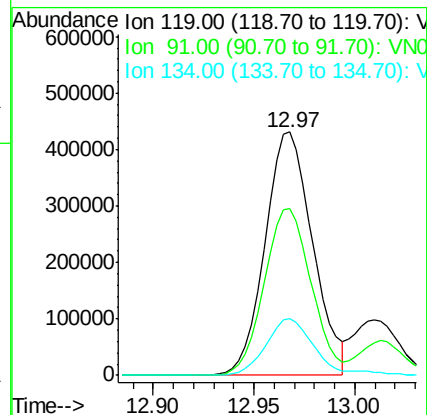
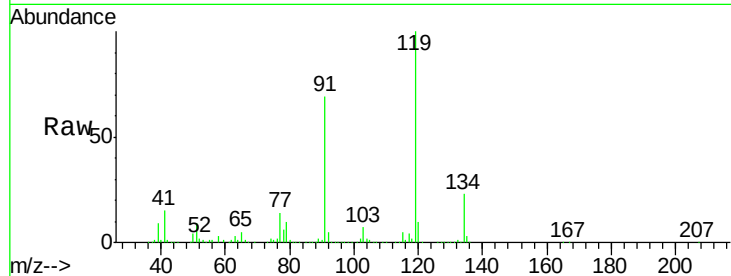
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	708129
Ion Ratio	Lower	Upper	
119	100		
91	67.5	35.8	107.4
134	24.0	12.0	36.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.613 ug/l

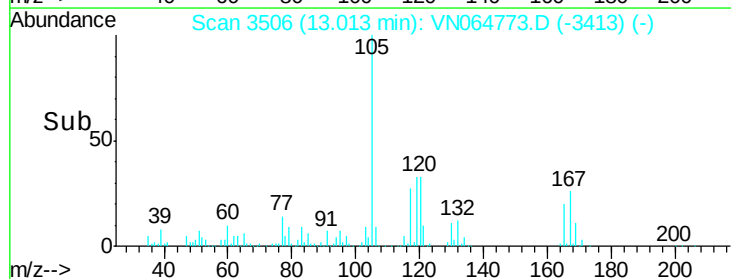
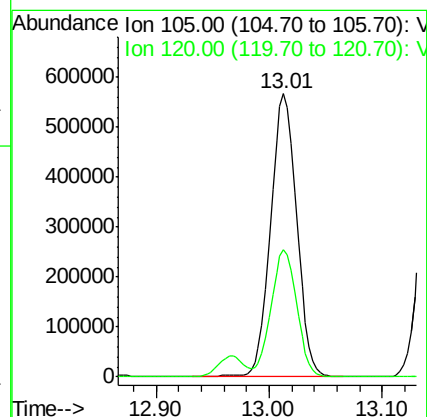
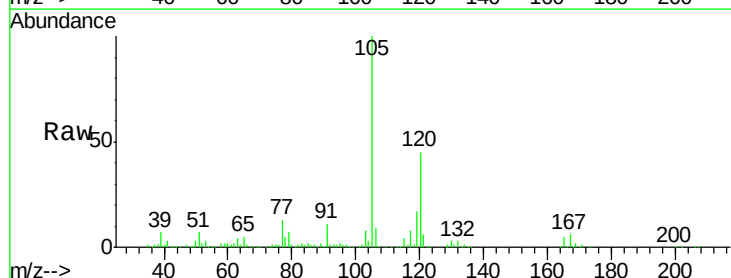
RT: 13.01 min Scan# 3506

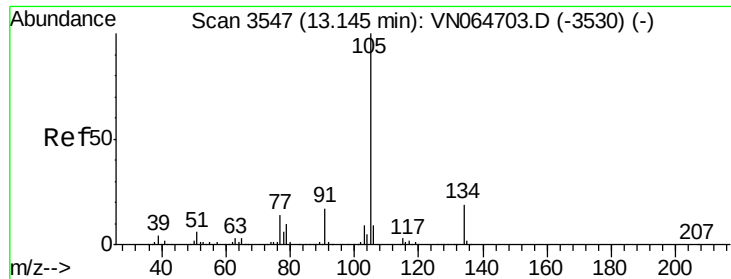
Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion:	105	Resp:	905726
Ion Ratio	Lower	Upper	
105	100		
120	44.4	22.0	66.0





#85

sec-Butylbenzene

Concen: 51.632 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 933505

Ion Ratio Lower Upper

105 100

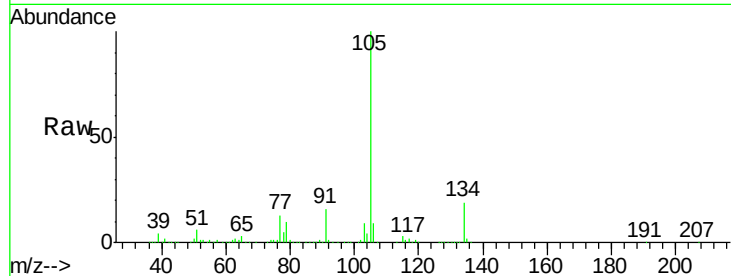
134 19.4 9.5 28.5

Manual Integrations

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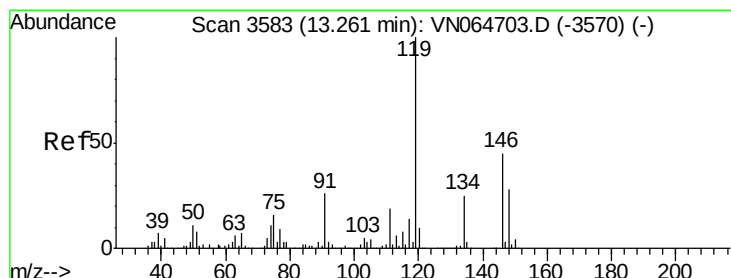
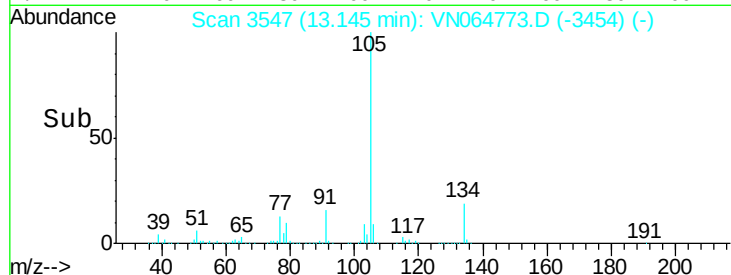
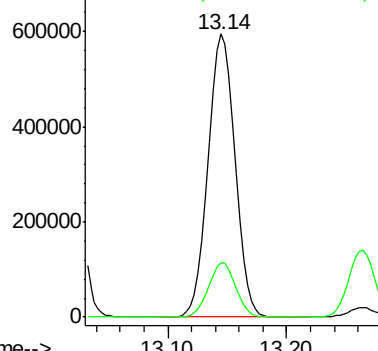
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.873 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

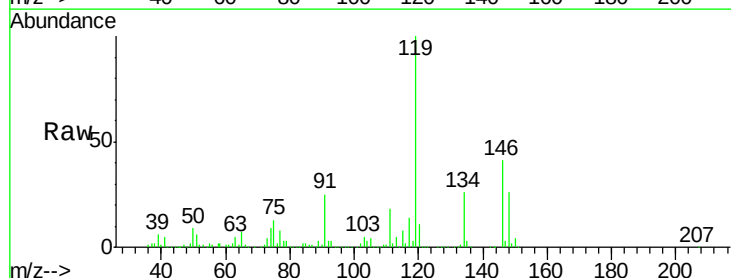
Tgt Ion:119 Resp: 845911

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

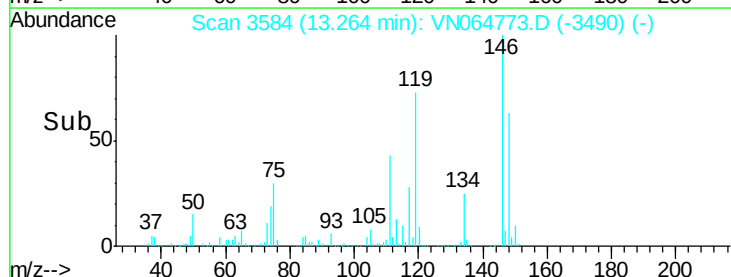
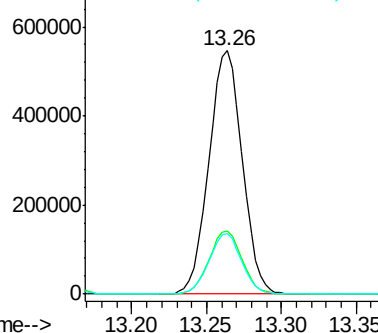
91 24.4 13.3 39.8

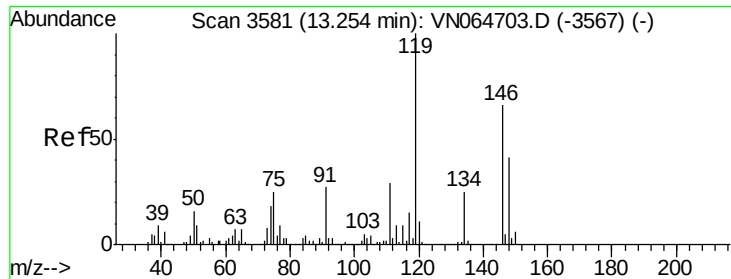


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





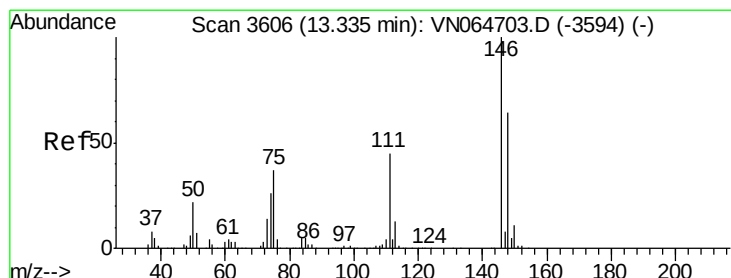
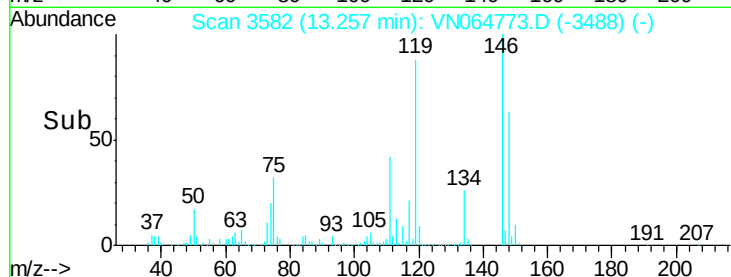
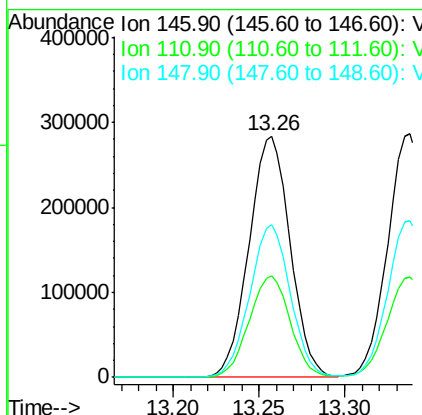
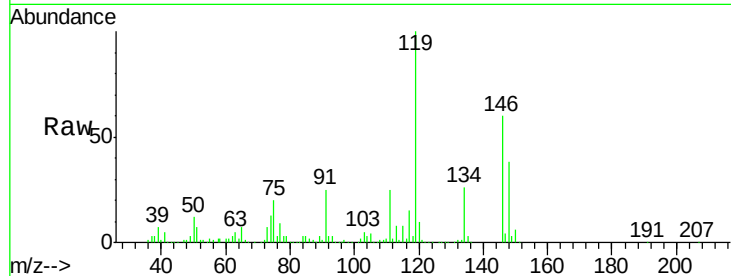
#87
 1,3-Dichlorobenzene
 Concen: 48.490 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.8	65.4
148	62.6	31.5	94.5

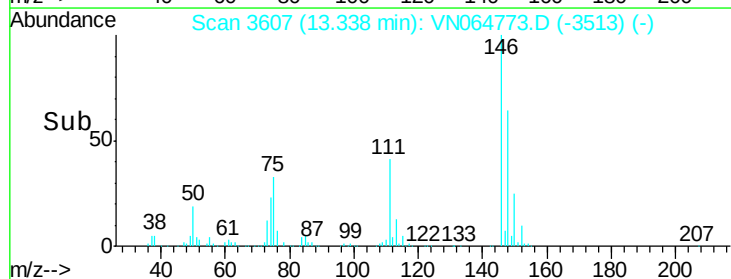
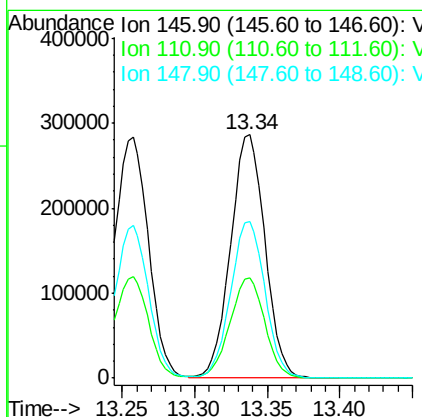
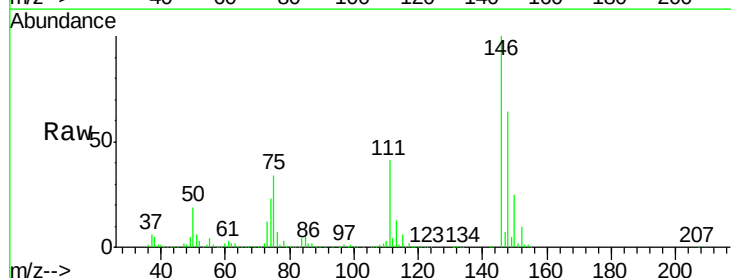
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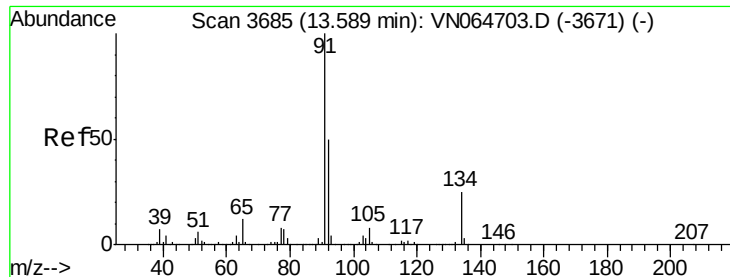
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 47.176 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	22.3	66.8
148	64.4	31.6	94.7





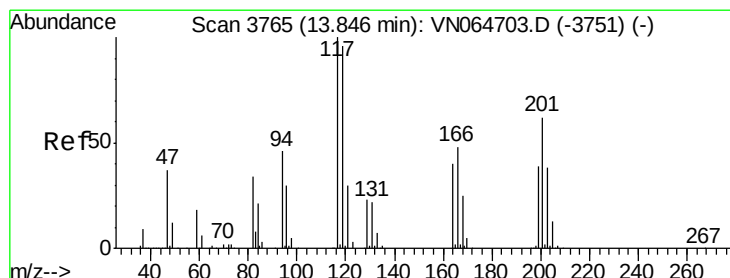
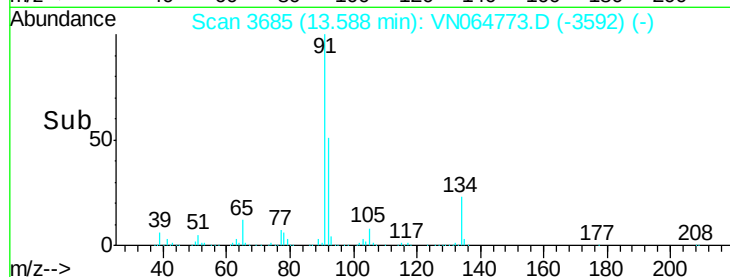
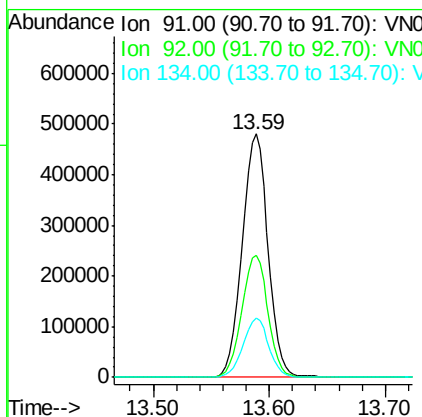
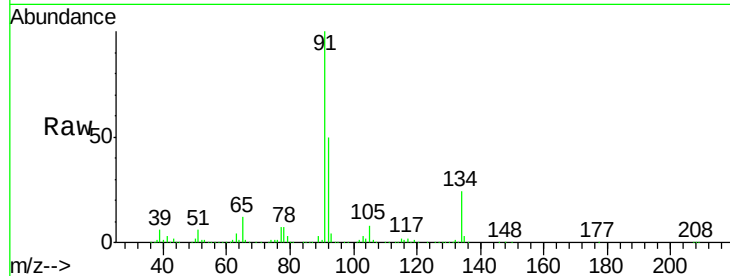
#89
n-Butylbenzene
Concen: 47.645 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	24.9	74.8
134	24.3	12.0	36.0

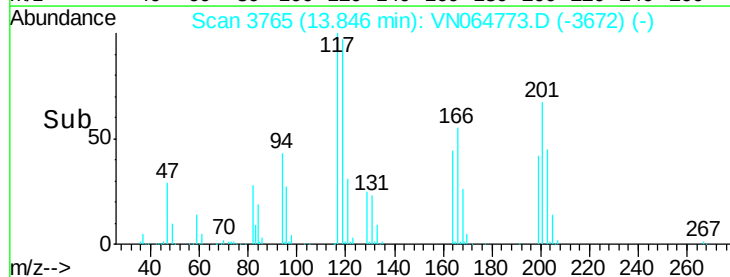
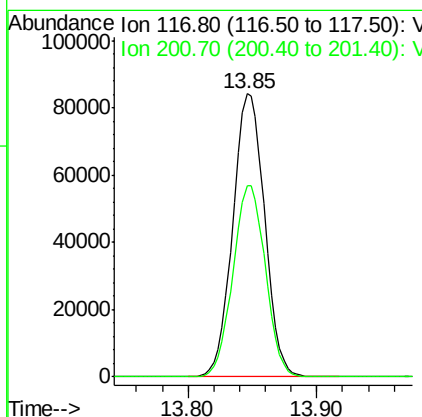
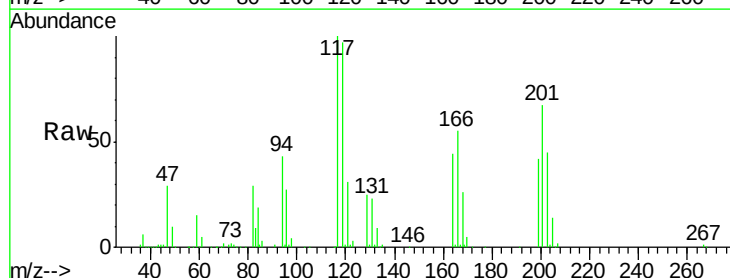
Manual Integrations
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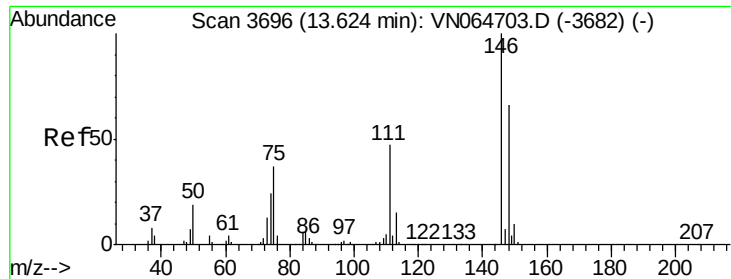
MMDadoda
11/24/2020 3:11:49 PM



#90
Hexachloroethane
Concen: 52.522 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.6	31.9	95.5





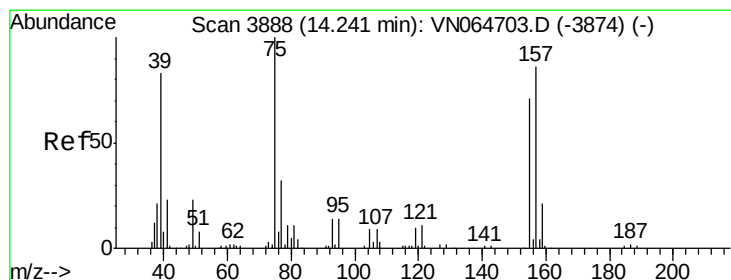
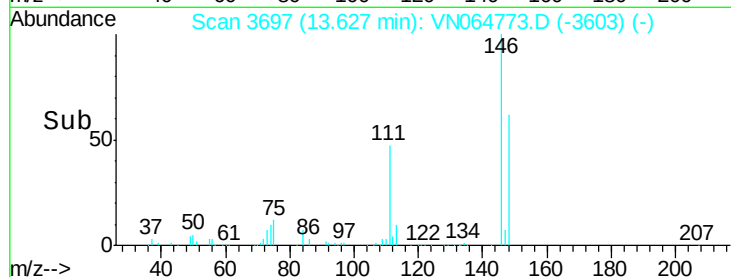
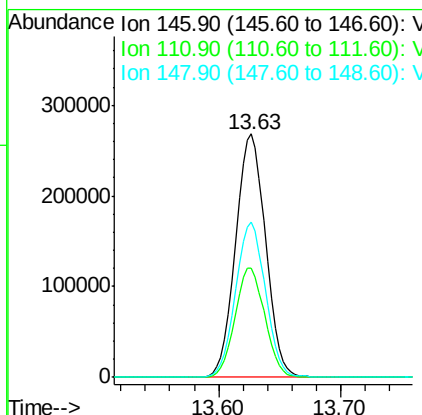
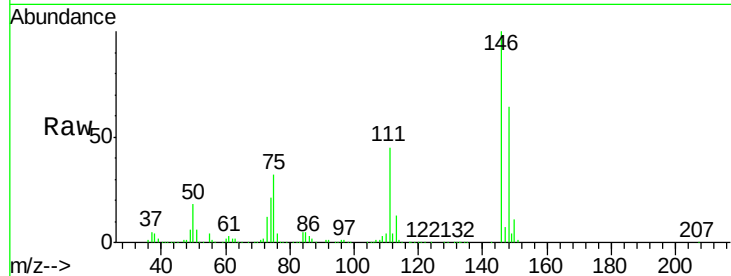
#91
 1,2-Dichlorobenzene
 Concen: 48.152 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	23.1	69.3
148	63.4	32.2	96.6

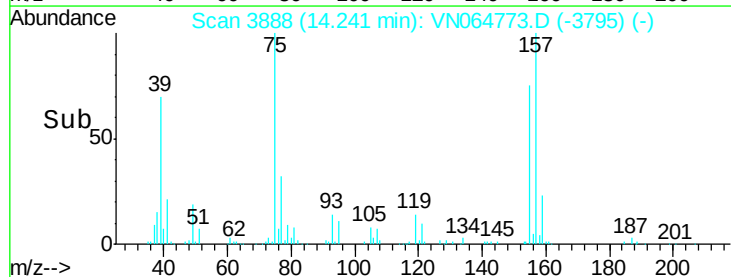
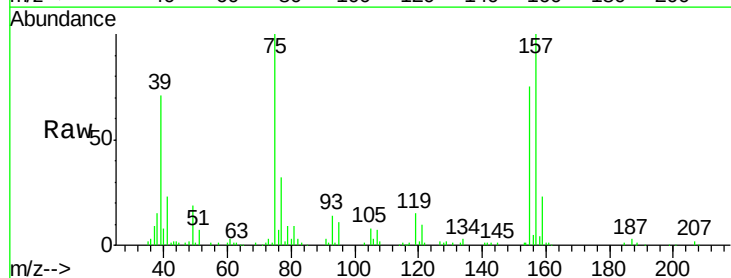
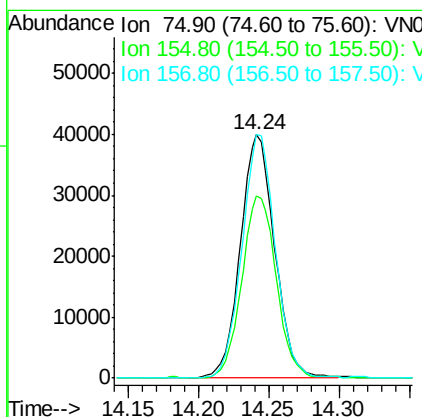
Manual Integrations
 APPROVED

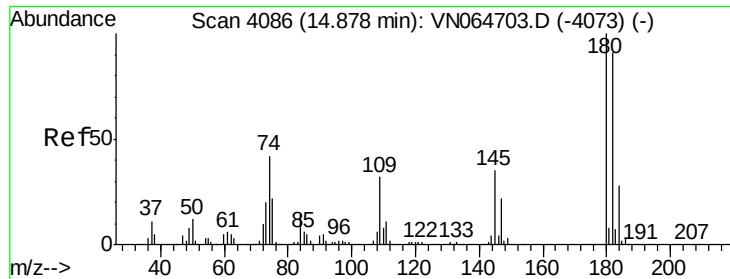
MMDadoda
 11/24/2020 3:11:49 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.129 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064773.D
 Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.7	33.6	100.6
157	97.3	42.4	127.2





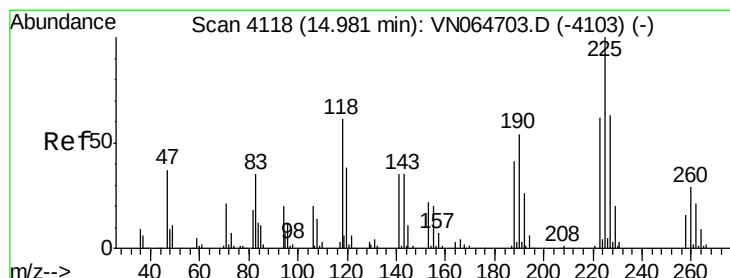
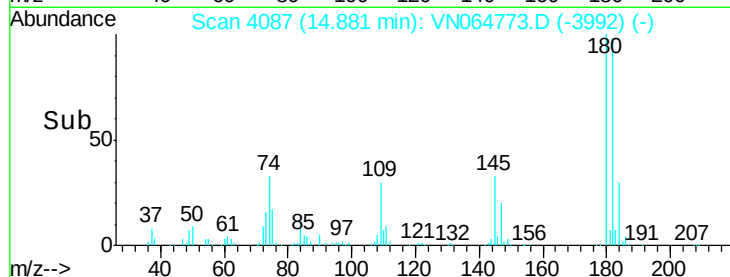
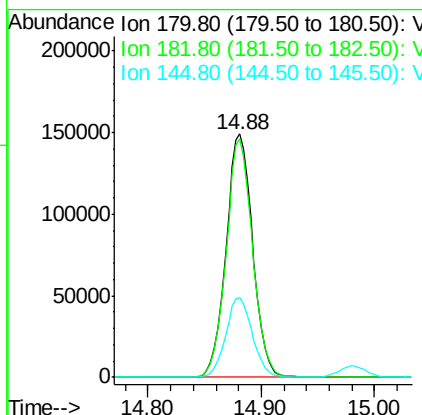
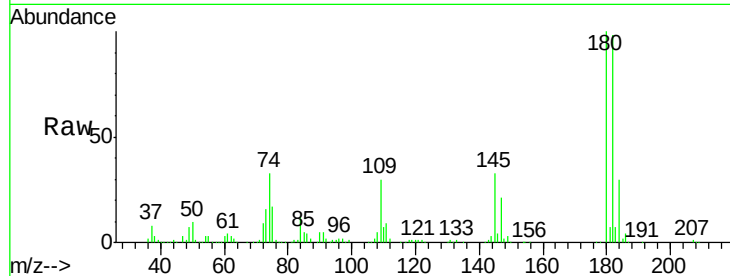
#93
1,2,4-Trichlorobenzene
Concen: 47.365 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.3	141.8
145	32.9	17.5	52.5

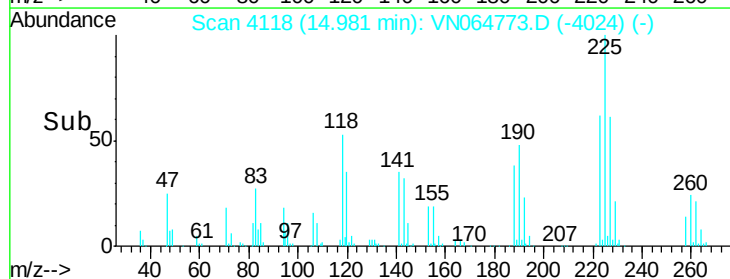
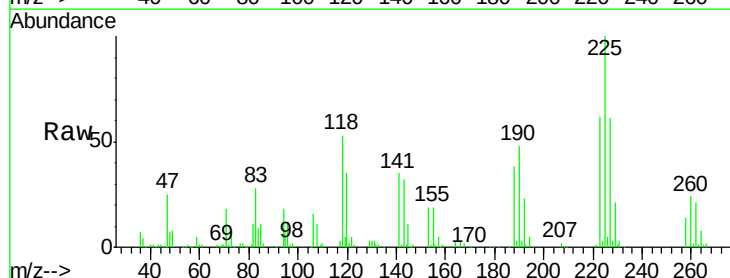
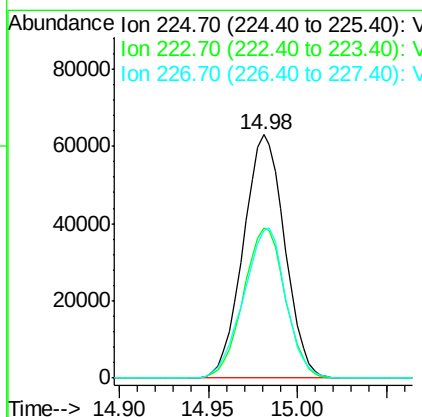
Manual Integrations
APPROVED

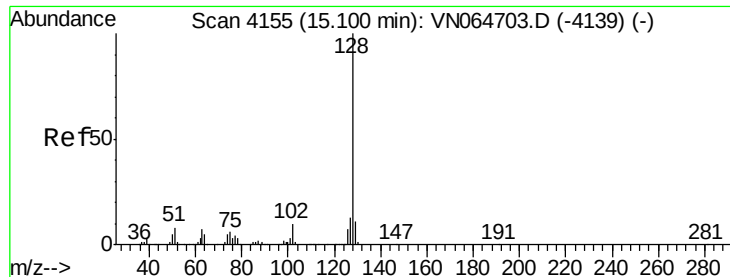
MMDadoda
11/24/2020 3:11:49 PM



#94
Hexachlorobutadiene
Concen: 48.357 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN064773.D
Acq: 20 Nov 2020 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.2	93.6
227	62.5	32.1	96.3





#95

Naphthalene

Concen: 50.041 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Instrument :

MSVOA_N

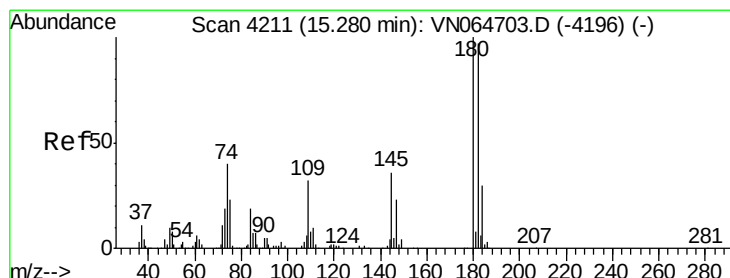
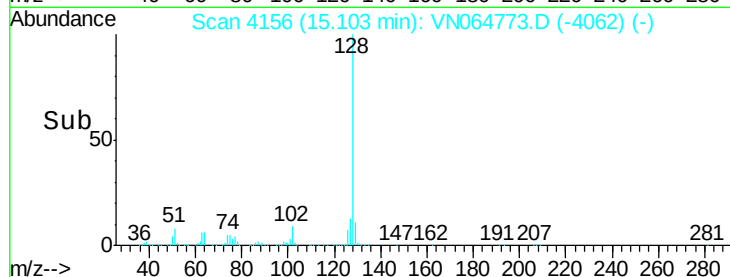
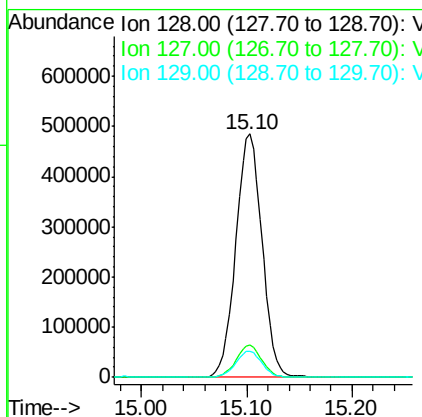
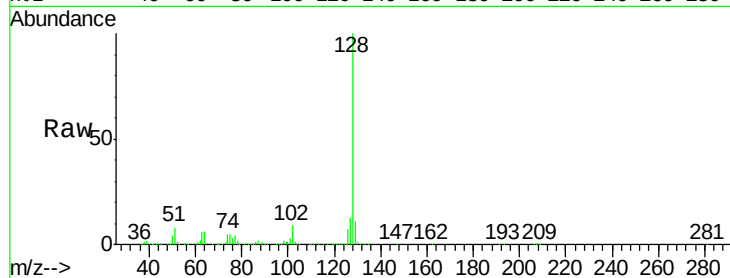
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	836144
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.8	16.2
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:11:49 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.766 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064773.D

Acq: 20 Nov 2020 10:19

Tgt Ion:	180	Resp:	241114
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.5	142.5
145	34.4	18.1	54.1

