

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064726.D
 Acq On : 19 Nov 2020 12:19
 Operator : JC/MD
 Sample : VN1119WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:11:15 PM

Quant Time: Nov 20 04:20:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	256457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	445539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	417208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192909	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	223171	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.55	113	126145	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.06	98	568038	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.37	95	204442	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57446	17.927	ug/l	98
3) Chloromethane	2.04	50	63994	18.060	ug/l	97
4) Vinyl Chloride	2.17	62	80149	21.678	ug/l	99
5) Bromomethane	2.54	94	55790	20.577	ug/l	99
6) Chloroethane	2.68	64	57418	23.017	ug/l	100
7) Trichlorofluoromethane	2.99	101	133481	20.157	ug/l	99
8) Diethyl Ether	3.37	74	46599	21.809	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	53164	18.577	ug/l	98
10) Methyl Iodide	3.91	142	59923	17.517	ug/l	97
11) Tert butyl alcohol	4.74	59	45266	103.421	ug/l	98
12) 1,1-Dichloroethene	3.69	96	51894	18.821	ug/l	99
13) Acrolein	3.57	56	13685	133.547	ug/l	98
14) Allyl chloride	4.28	41	88276	18.646	ug/l	97
15) Acrylonitrile	4.94	53	124711	97.036	ug/l	98
16) Acetone	3.78	43	105251	99.534	ug/l	94
17) Carbon Disulfide	4.01	76	147408	18.467	ug/l	100
18) Methyl Acetate	4.28	43	61826	19.511	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	169440	18.366	ug/l	100
20) Methylene Chloride	4.50	84	62824	18.805	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	55940	18.183	ug/l	98
22) Diisopropyl ether	5.90	45	188616	18.866	ug/l	94
23) Vinyl Acetate	5.85	43	764941	94.804	ug/l	99
24) 1,1-Dichloroethane	5.80	63	109792	18.743	ug/l	99
25) 2-Butanone	6.79	43	169218	98.106	ug/l	98
26) 2,2-Dichloropropane	6.78	77	101385	18.215	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	62952	18.560	ug/l	99
28) Bromochloromethane	7.15	49	51357	17.389	ug/l	100
29) Tetrahydrofuran	7.17	42	113915	97.746	ug/l	99
30) Chloroform	7.33	83	121703	19.119	ug/l	93
31) Cyclohexane	7.62	56	87196	17.877	ug/l	# 93
32) 1,1,1-Trichloroethane	7.53	97	109590	18.835	ug/l	99
36) 1,1-Dichloropropene	7.75	75	83995	18.325	ug/l	99
37) Ethyl Acetate	6.88	43	79099	20.609	ug/l	99
38) Carbon Tetrachloride	7.73	117	93646	19.224	ug/l	98

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MMDadoda
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 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)
39) Methylcyclohexane	9.05	83	69481	17.107	ug/l	93
40) Benzene	8.00	78	247347	19.367	ug/l	95
41) Methacrylonitrile	7.13	41	34165m	19.421	ug/l	
42) 1,2-Dichloroethane	8.08	62	106367	19.357	ug/l	99
43) Isopropyl Acetate	8.13	43	135481	18.211	ug/l	99
44) Trichloroethene	8.80	130	69507	18.963	ug/l	94
45) 1,2-Dichloropropane	9.08	63	67143	19.723	ug/l	99
46) Dibromomethane	9.17	93	46702	19.353	ug/l	96
47) Bromodichloromethane	9.37	83	98859	19.487	ug/l	98
48) Methyl methacrylate	9.17	41	66431	18.925	ug/l	99
49) 1,4-Dioxane	9.16	88	17610	402.113	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	408803	94.928	ug/l	100
52) Toluene	10.12	92	155526	19.772	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	98538	18.149	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	103524	18.517	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60073	19.041	ug/l	96
56) Ethyl methacrylate	10.40	69	83579	17.950	ug/l	99
57) 1,3-Dichloropropane	10.68	76	105409	19.287	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	234107	91.556	ug/l	100
59) 2-Hexanone	10.72	43	292060	93.980	ug/l	99
60) Dibromochloromethane	10.87	129	66441	18.227	ug/l	95
61) 1,2-Dibromoethane	10.97	107	62344	18.526	ug/l	95
64) Tetrachloroethene	10.60	164	71578	19.352	ug/l	99
65) Chlorobenzene	11.41	112	161469	18.194	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	62583	18.873	ug/l	99
67) Ethyl Benzene	11.48	91	282615	18.061	ug/l	97
68) m/p-Xylenes	11.59	106	212497	36.147	ug/l	97
69) o-Xylene	11.92	106	95828	17.554	ug/l	93
70) Styrene	11.94	104	169657	17.663	ug/l	98
71) Bromoform	12.10	173	42664	18.188	ug/l #	99
73) Isopropylbenzene	12.22	105	253829	18.532	ug/l	100
74) N-amyl acetate	12.04	43	119277	18.647	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	74268	19.395	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	83717m	20.141	ug/l	
77) Bromobenzene	12.50	156	64331	18.623	ug/l	96
78) n-propylbenzene	12.56	91	309603	19.410	ug/l	98
79) 2-Chlorotoluene	12.65	91	193175	18.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	218024	19.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26980	17.745	ug/l #	84
82) 4-Chlorotoluene	12.75	91	206220	18.944	ug/l	98
83) tert-Butylbenzene	12.97	119	169176	19.220	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	221085	19.039	ug/l	99
85) sec-Butylbenzene	13.14	105	223166	19.022	ug/l	99
86) p-Isopropyltoluene	13.26	119	196491	18.211	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	114704	18.224	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	118144	18.283	ug/l	100
89) n-Butylbenzene	13.59	91	173447	17.219	ug/l	99
90) Hexachloroethane	13.85	117	34089	19.111	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	113229	18.406	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18881	18.789	ug/l	95

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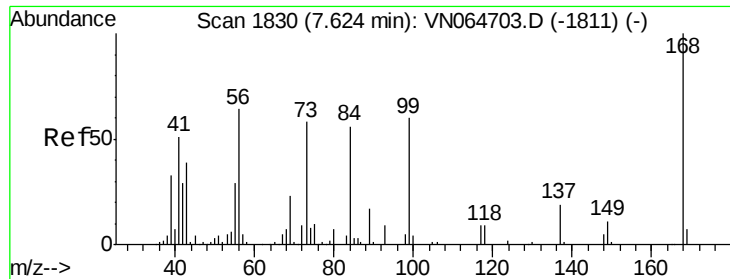
Manual Integrations
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MMDadoda
11/24/2020 3:11:15 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54594	17.207	ug/l	98
94) Hexachlorobutadiene	14.98	225	25096	17.992	ug/l	98
95) Naphthalene	15.10	128	177071	16.331	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	53866	17.287	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion:168 Resp: 256457

Ion Ratio Lower Upper

168 100

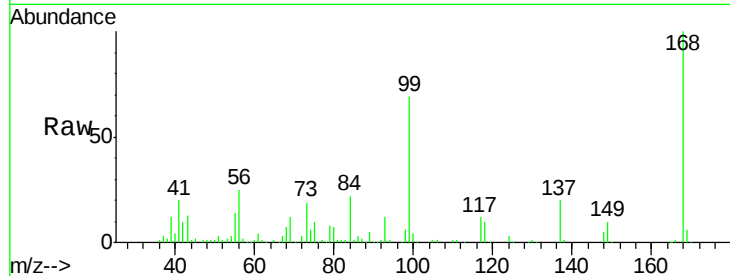
99 68.8 55.7 83.5

Manual Integrations

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11/24/2020 3:11:15 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

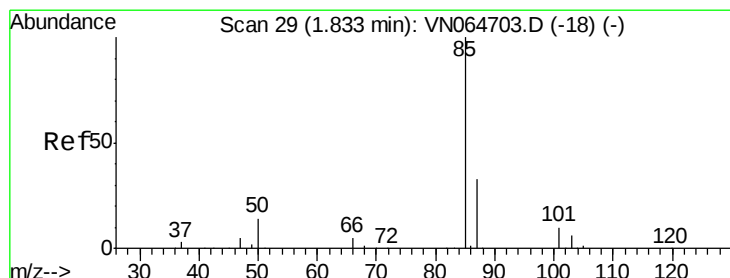
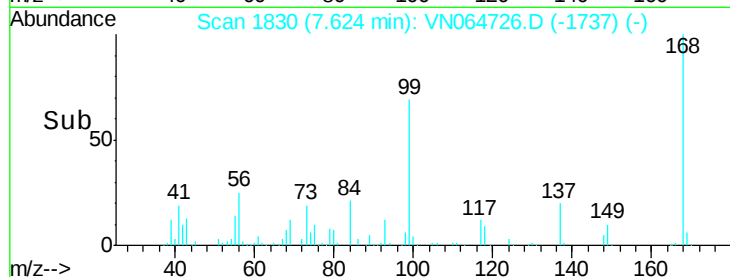
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.927 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064726.D

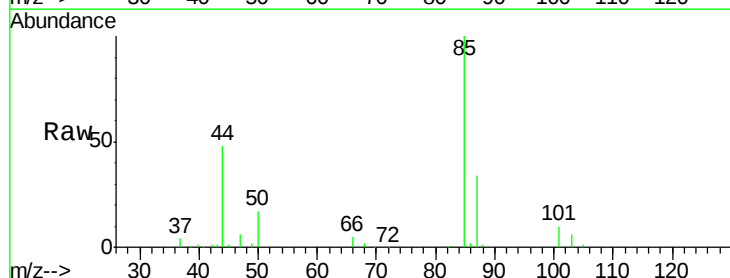
Acq: 19 Nov 2020 12:19

Tgt Ion: 85 Resp: 57446

Ion Ratio Lower Upper

85 100

87 33.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

50000

40000

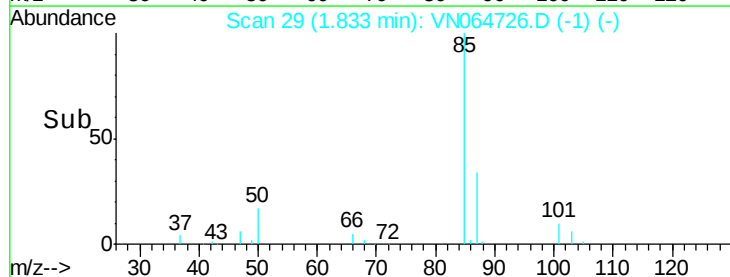
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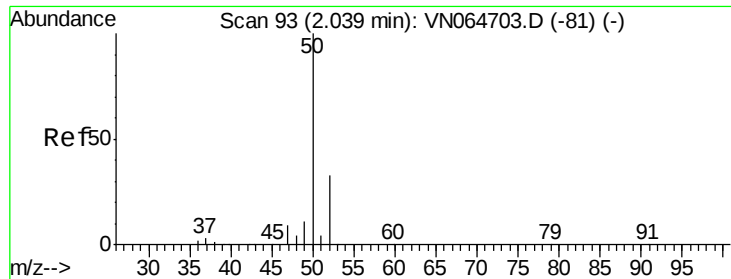
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.060 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 50 Resp: 63994

Ion Ratio Lower Upper

50 100

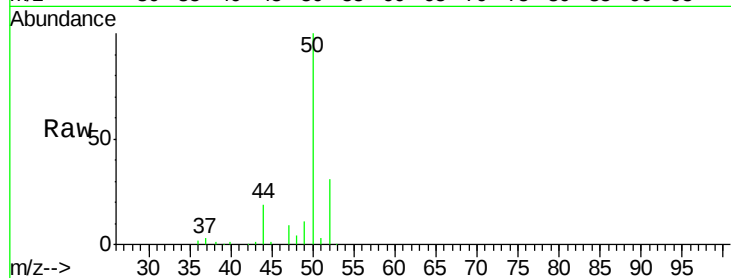
52 31.4 26.4 39.6

Manual Integrations

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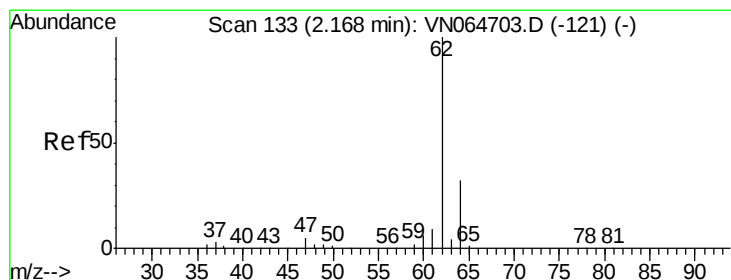
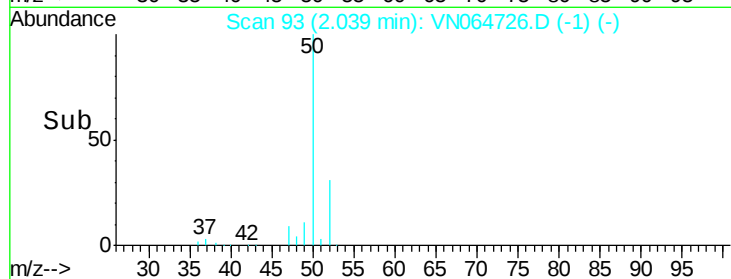
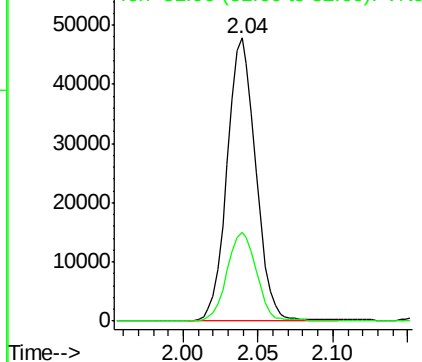
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 21.678 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064726.D

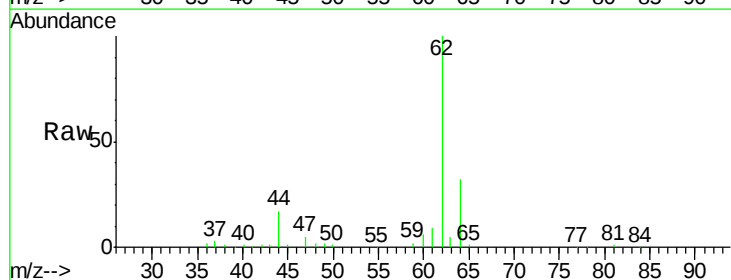
Acq: 19 Nov 2020 12:19

Tgt Ion: 62 Resp: 80149

Ion Ratio Lower Upper

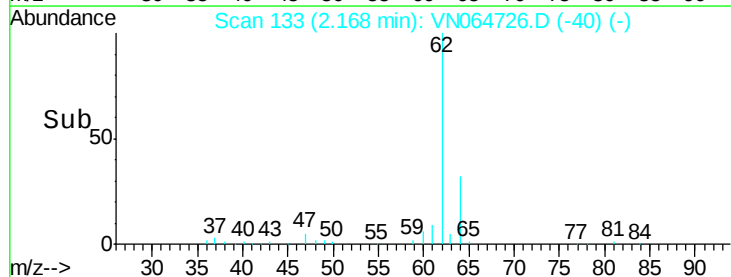
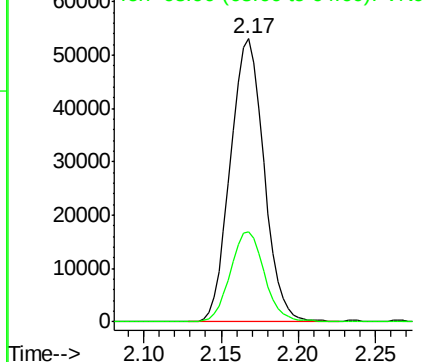
62 100

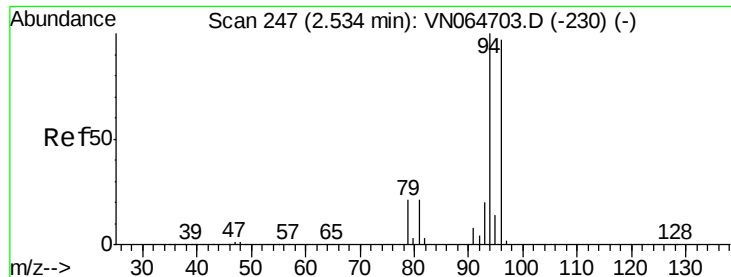
64 31.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 20.577 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 94 Resp: 55790

Ion Ratio Lower Upper

94 100

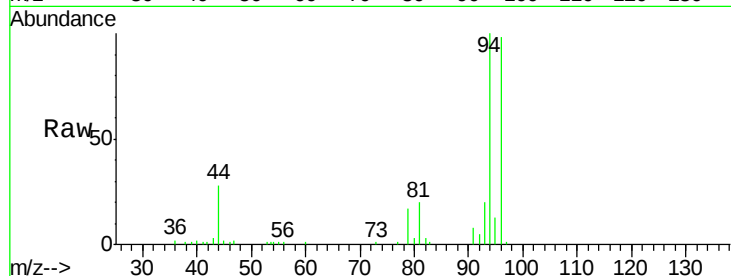
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Manual Integrations

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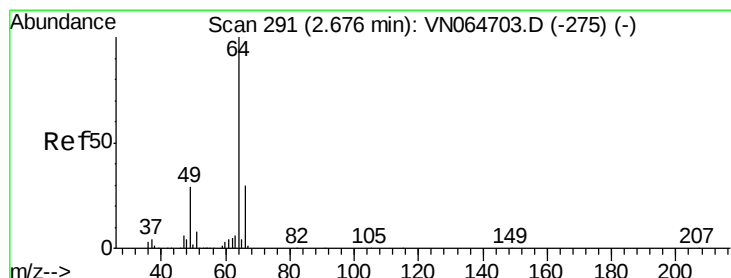
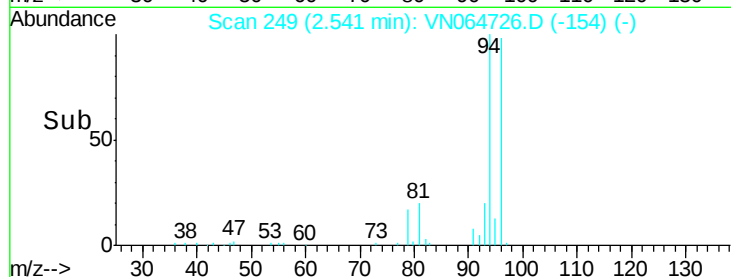
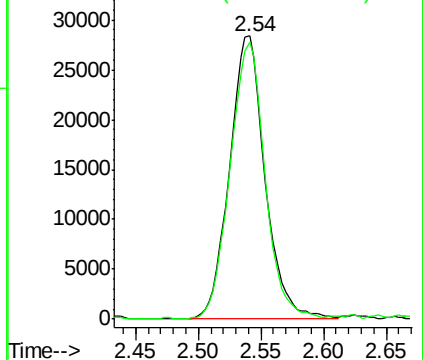
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 23.017 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064726.D

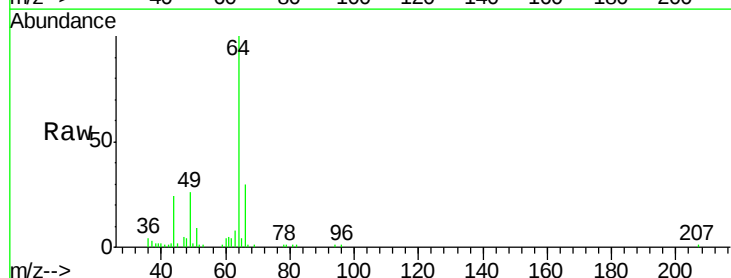
Acq: 19 Nov 2020 12:19

Tgt Ion: 64 Resp: 57418

Ion Ratio Lower Upper

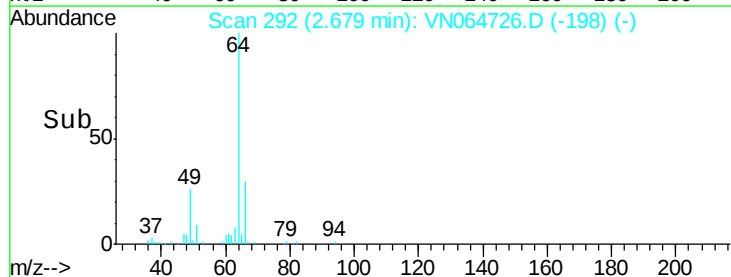
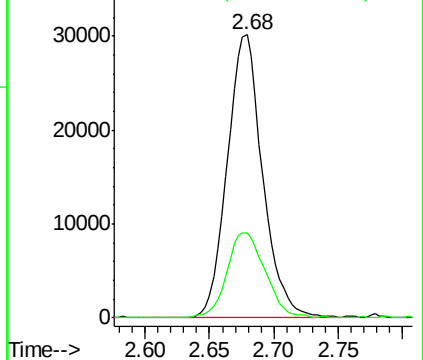
64 100

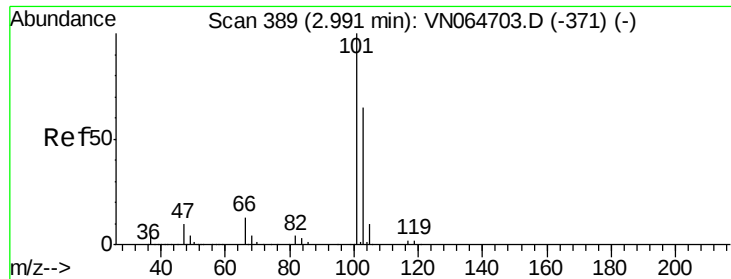
66 30.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

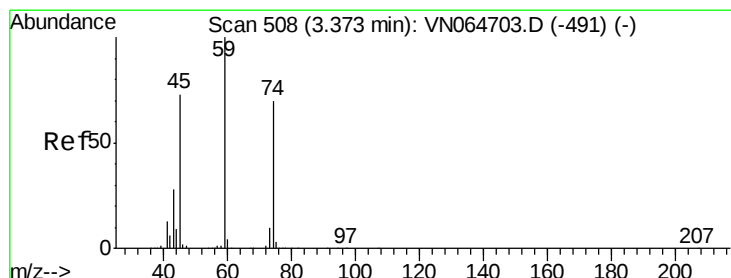
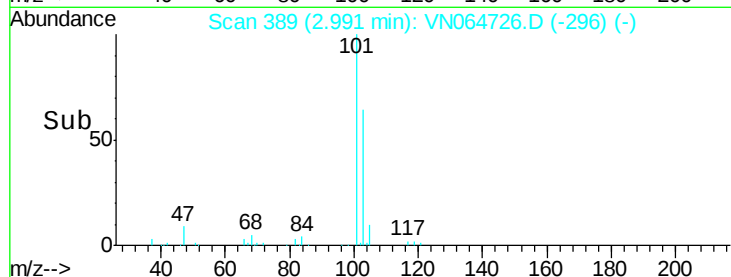
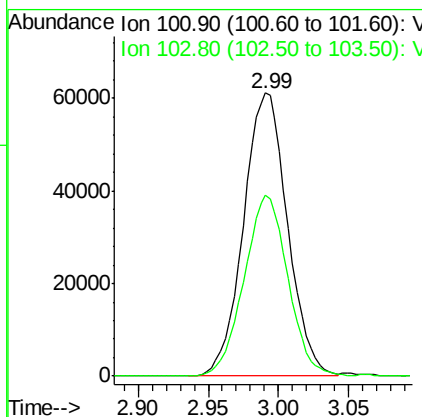
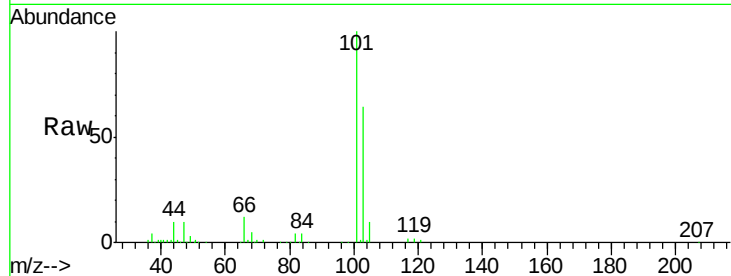
Trichlorofluoromethane
Concen: 20.157 ug/l
RT: 2.99 min Scan# 389
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.8	77.6

Manual Integrations
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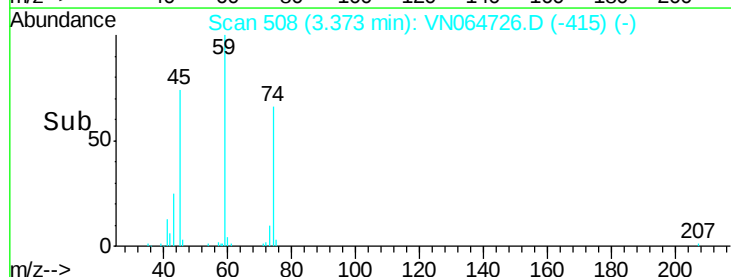
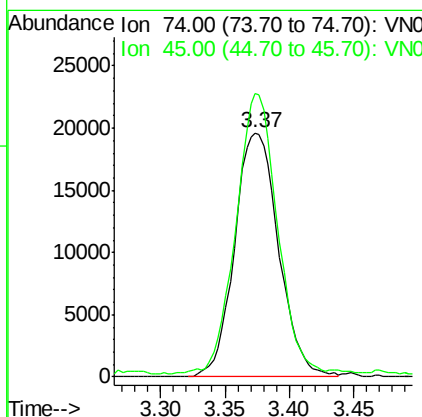
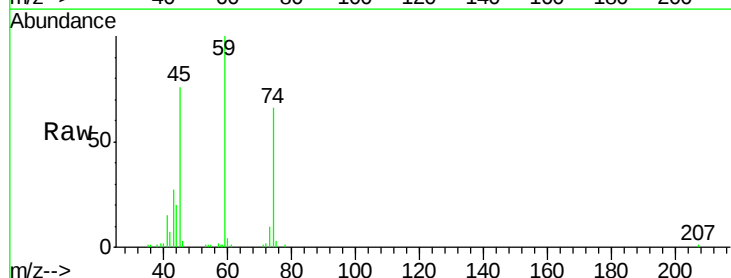
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11/24/2020 3:11:15 PM

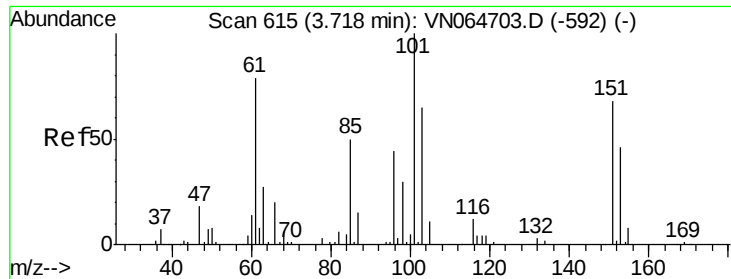


#8

Diethyl Ether
Concen: 21.809 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.4	52.8	158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.577 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064726.D

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MSVOA_N

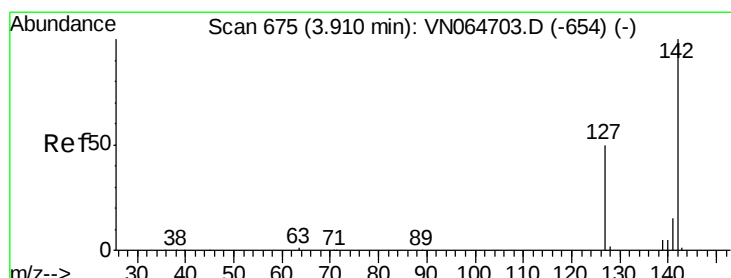
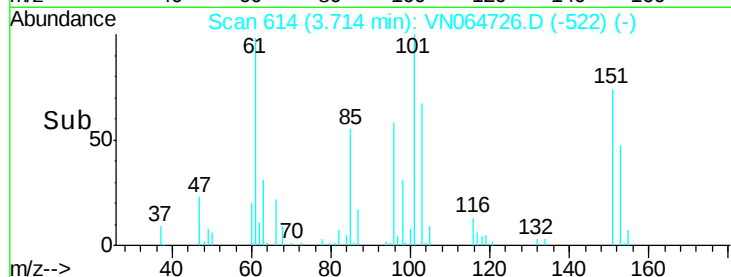
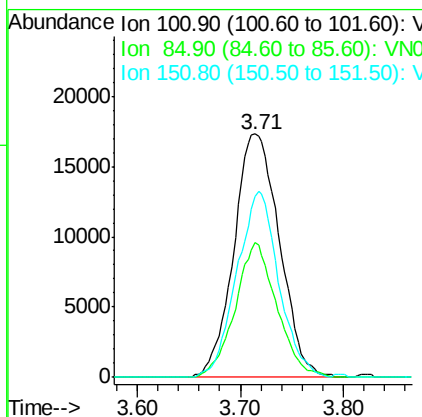
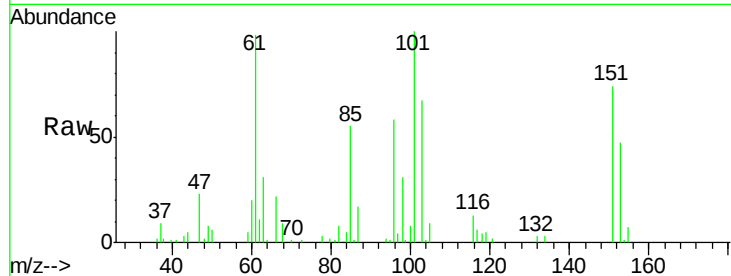
ClientSampleId :

VN1119WBS01

Tot Ion:	101	Resp:	53164
Ion Ratio	Lower	Upper	
101	100		
85	50.7	39.0	58.4
151	70.5	57.2	85.8

Manual Integrations
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MMDadoda
11/24/2020 3:11:15 PM



#10

Methyl Iodide

Concen: 17.517 ug/l

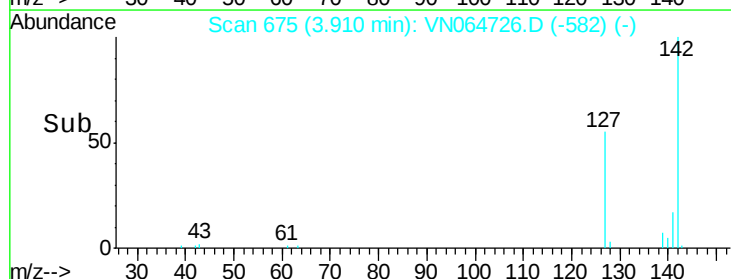
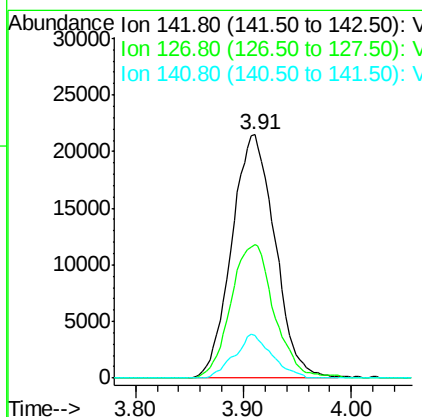
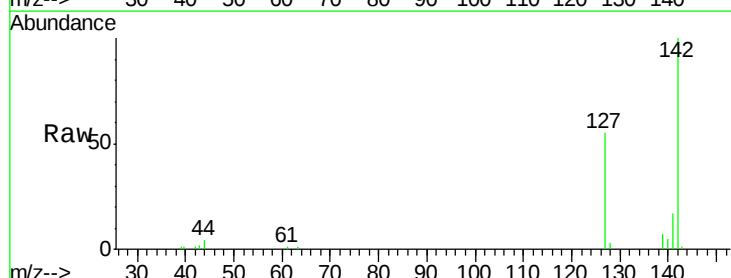
RT: 3.91 min Scan# 675

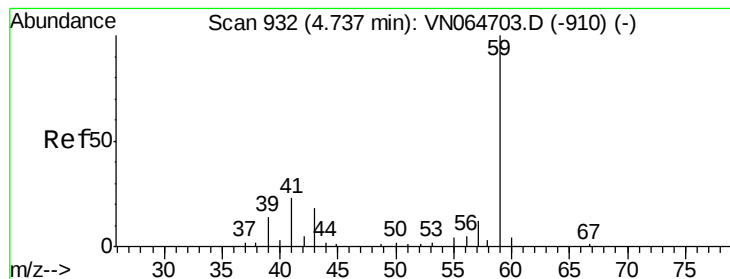
Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion:	142	Resp:	59923
Ion Ratio	Lower	Upper	
142	100		
127	55.0	42.0	63.0
141	15.6	12.1	18.1





#11

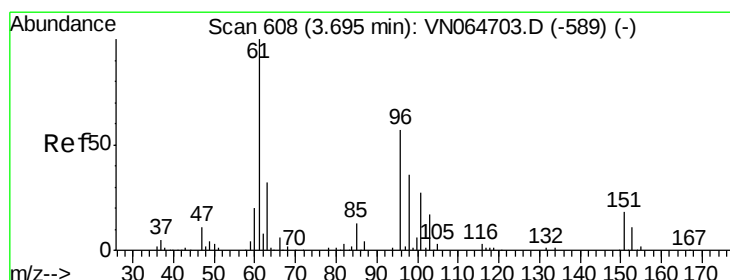
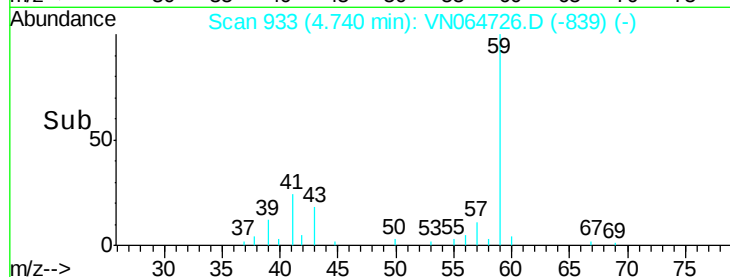
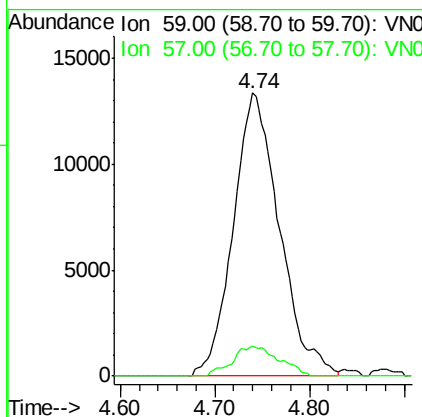
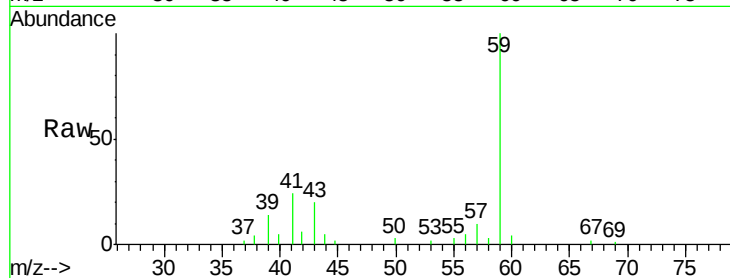
Tert butyl alcohol
Concen: 103.421 ug/l
RT: 4.74 min Scan# 933
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.1	13.7

Manual Integrations
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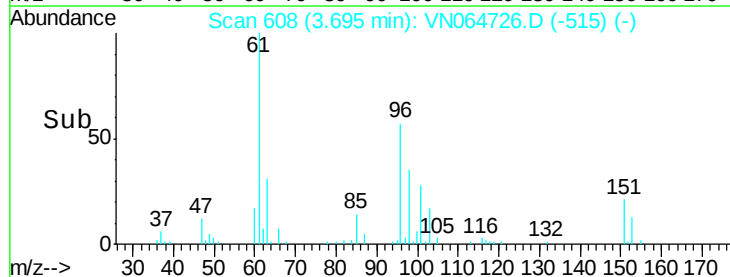
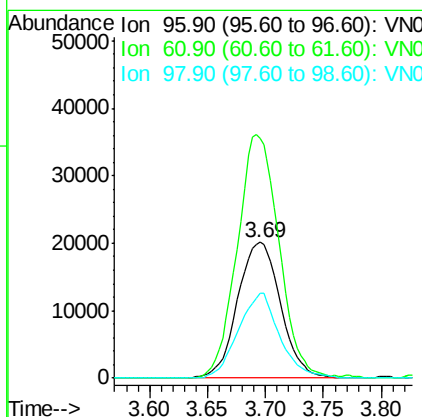
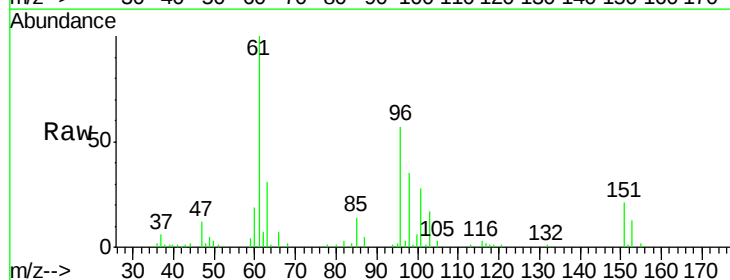
MMDadoda
11/24/2020 3:11:15 PM

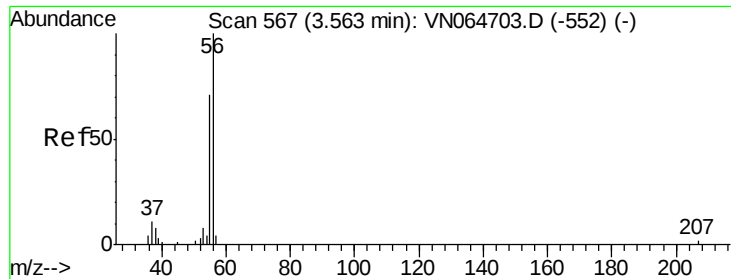


#12

1,1-Dichloroethene
Concen: 18.821 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.6	139.1	208.7
98	62.6	50.2	75.2





#13

Acrolein

Concen: 133.547 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 56 Resp: 13685

Ion Ratio Lower Upper

56 100

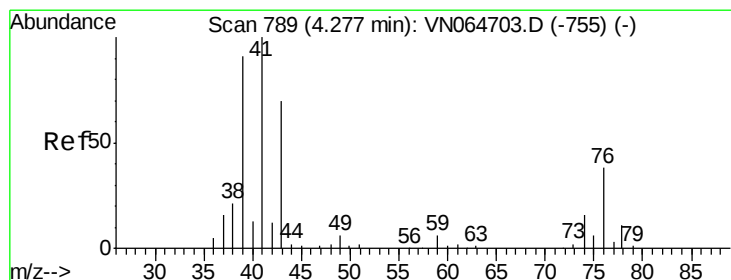
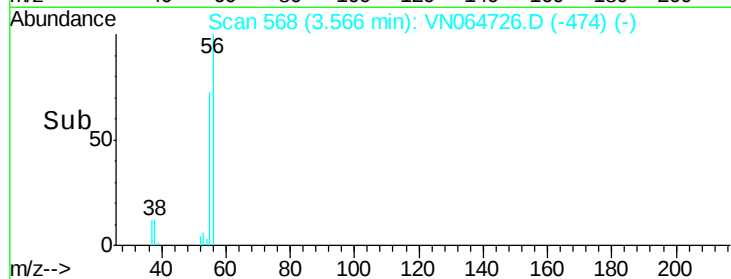
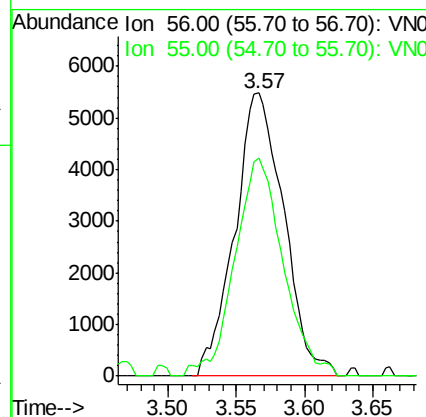
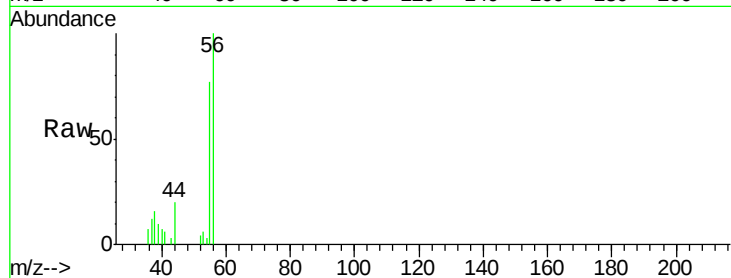
55 75.7 61.8 92.6

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 18.646 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

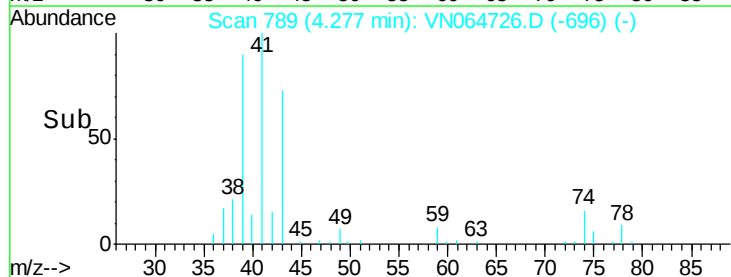
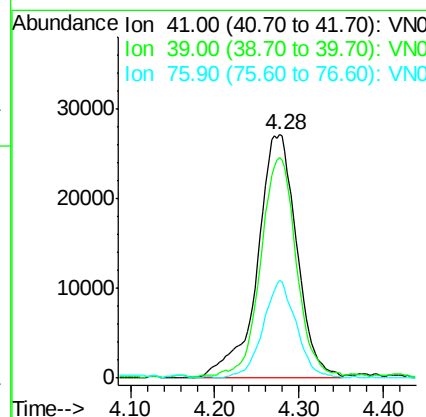
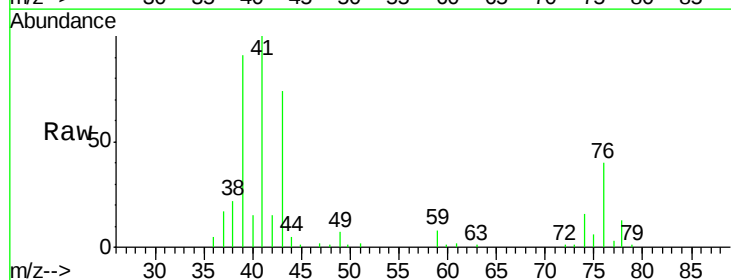
Tgt Ion: 41 Resp: 88276

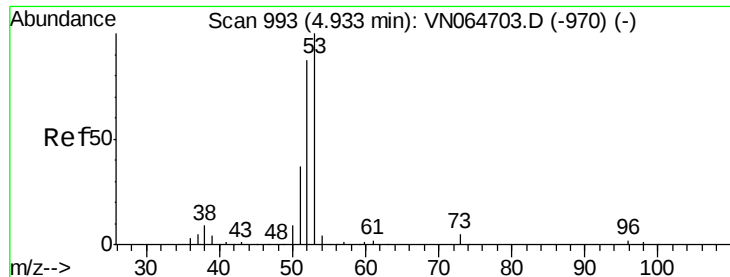
Ion Ratio Lower Upper

41 100

39 79.4 66.1 99.1

76 34.0 26.6 40.0





#15

Acrylonitrile

Concen: 97.036 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

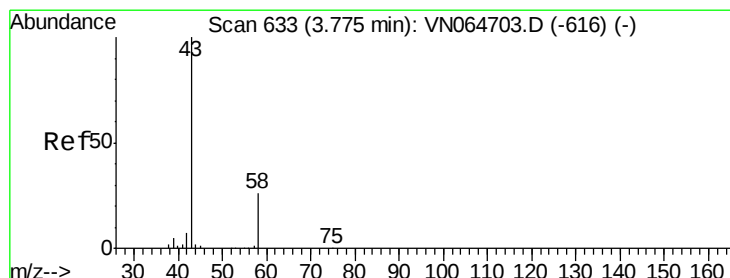
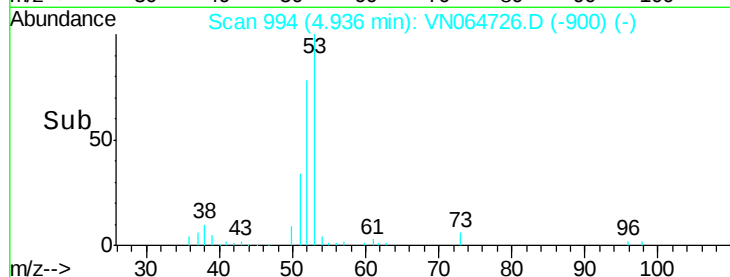
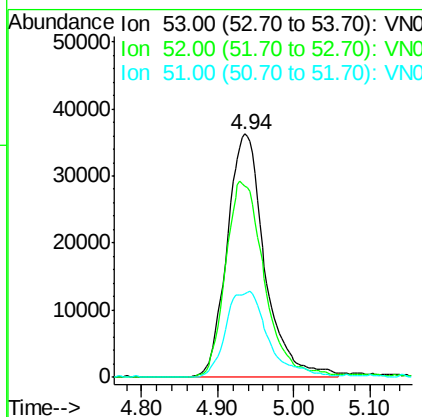
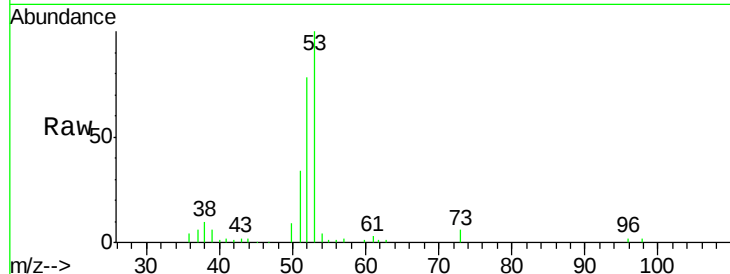
ClientSampleId :

VN1119WBS01

Tot Ion:	53	Resp:	124711
Ion Ratio	Lower	Upper	
53	100		
52	82.0	67.2	100.8
51	39.9	31.0	46.6

Manual Integrations
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#16

Acetone

Concen: 99.534 ug/l

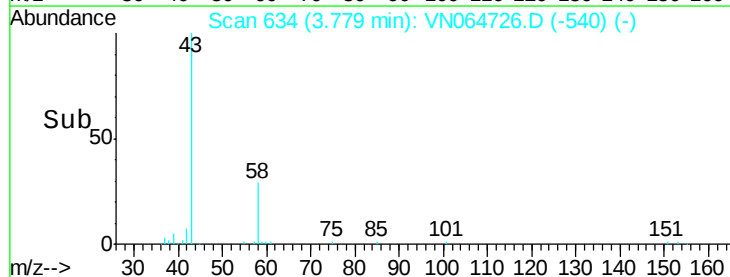
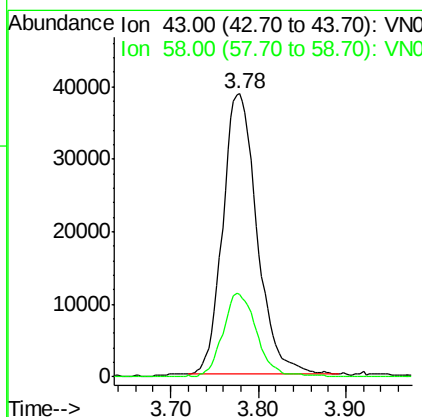
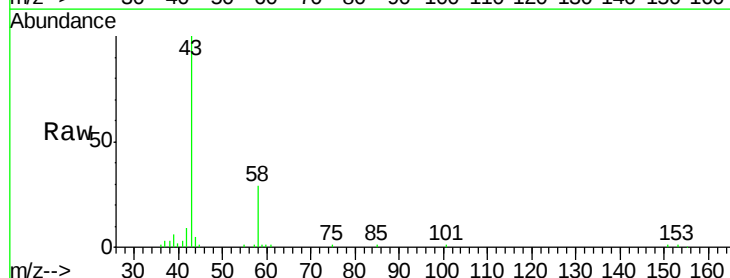
RT: 3.78 min Scan# 634

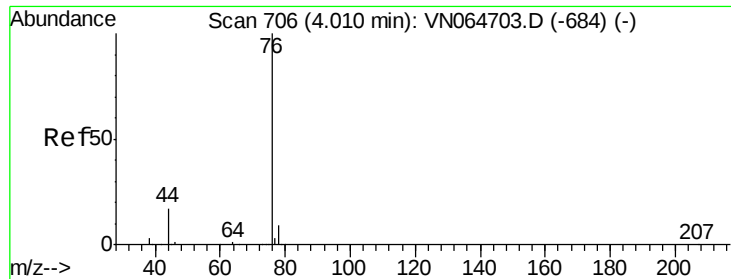
Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion:	43	Resp:	105251
Ion Ratio	Lower	Upper	
43	100		
58	29.4	21.2	31.8





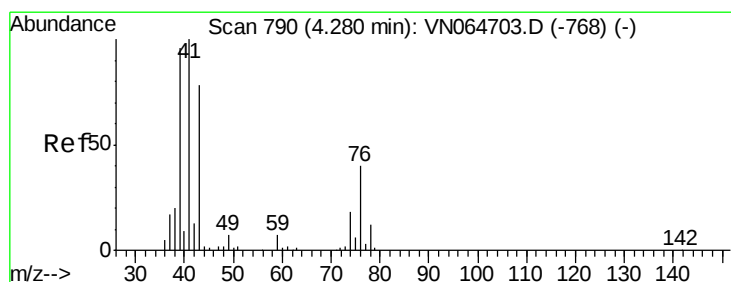
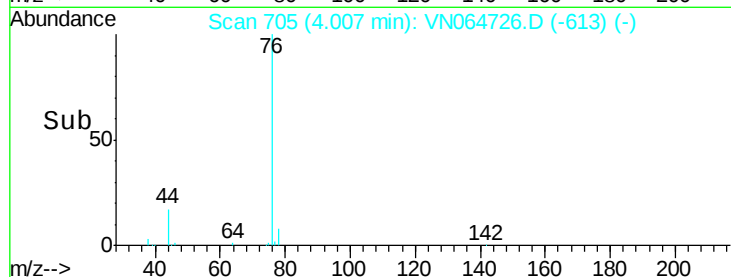
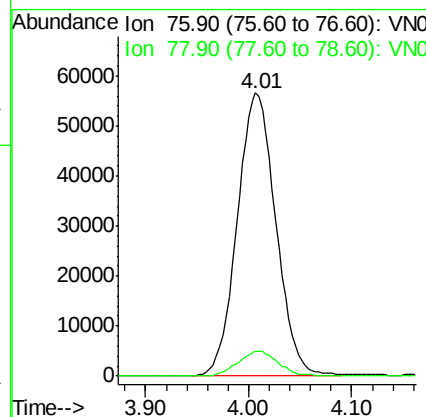
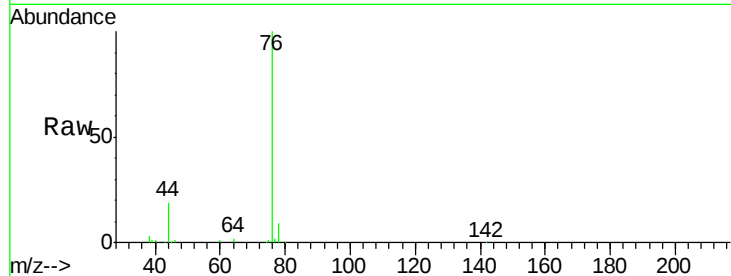
#17
Carbon Disulfide
Concen: 18.467 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 76 Resp: 147408
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

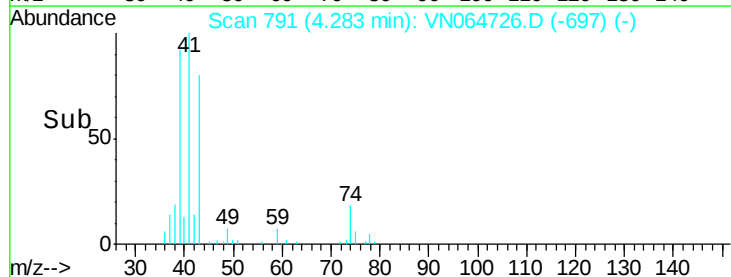
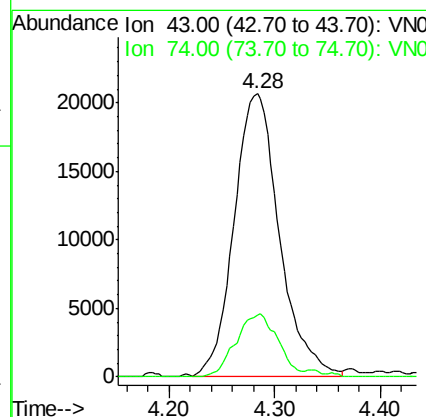
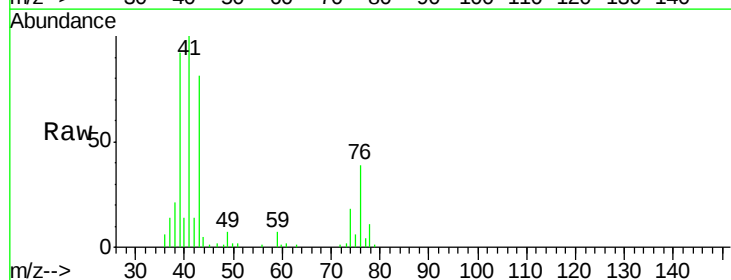
Manual Integrations
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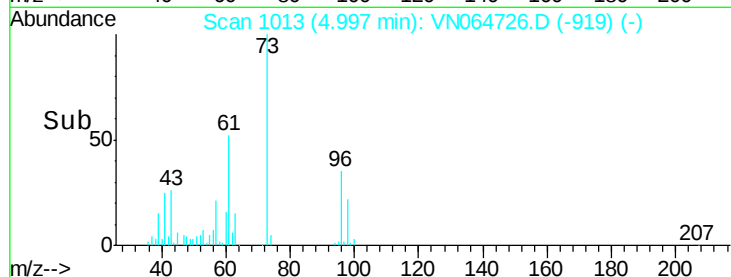
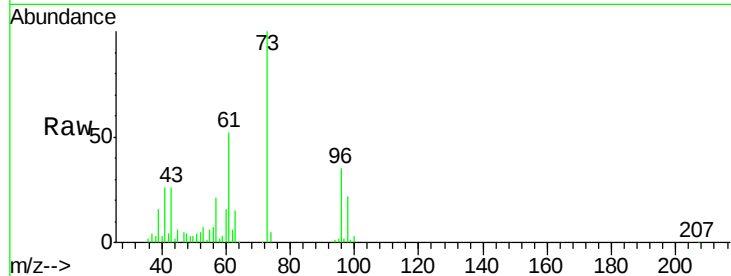
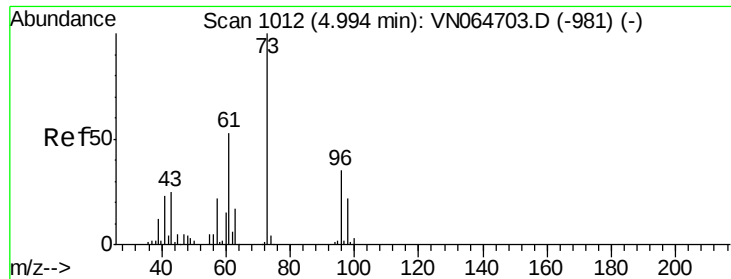
MMDadoda
11/24/2020 3:11:15 PM



#18
Methyl Acetate
Concen: 19.511 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 43 Resp: 61826
Ion Ratio Lower Upper
43 100
74 20.6 17.6 26.4





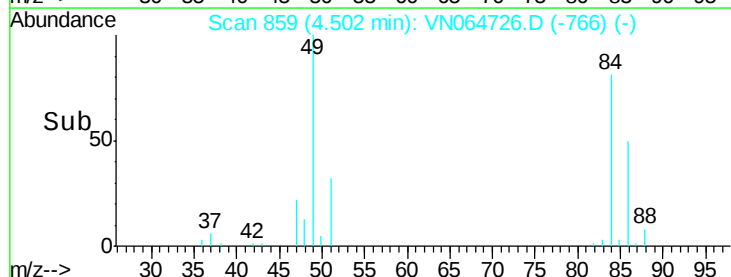
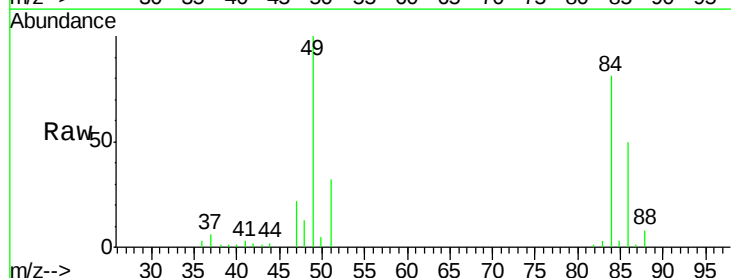
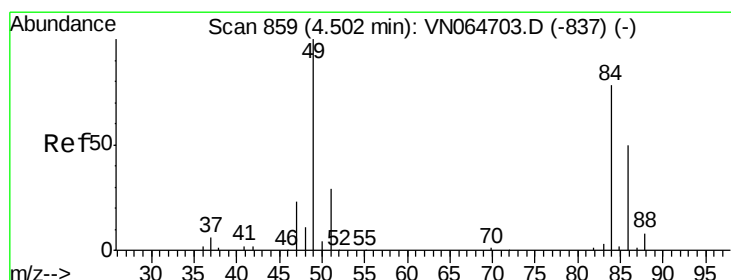
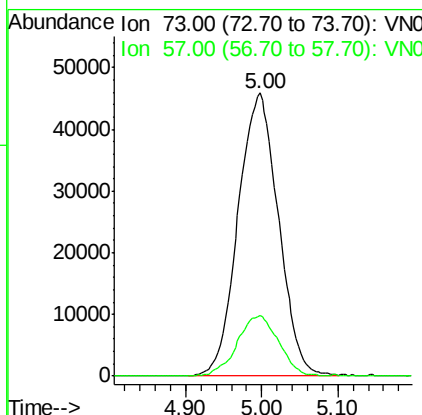
#19
Methvl tert-butvl Ether
Concen: 18.366 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tot Ion: 73 Resp: 169440
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

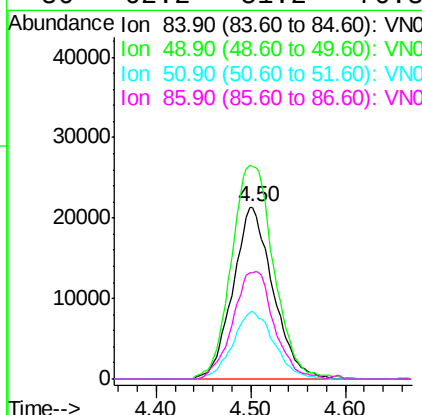
Manual Integrations
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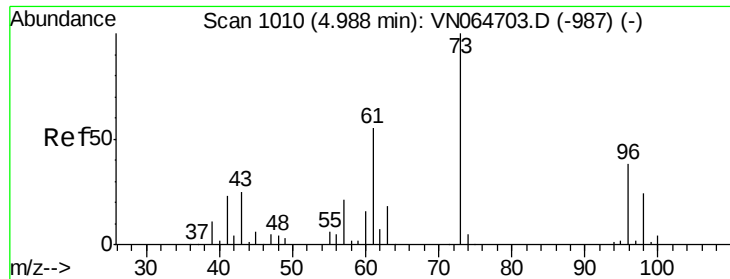
MMDadoda
11/24/2020 3:11:15 PM



#20
Methylene Chloride
Concen: 18.805 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 84 Resp: 62824
Ion Ratio Lower Upper
84 100
49 124.0 102.4 153.6
51 39.5 29.4 44.2
86 62.2 51.2 76.8





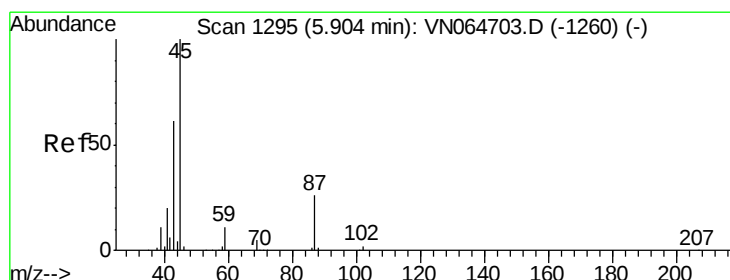
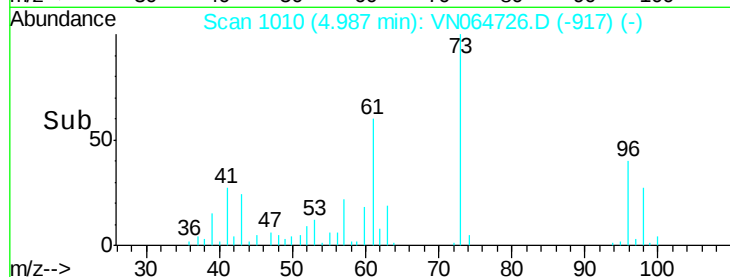
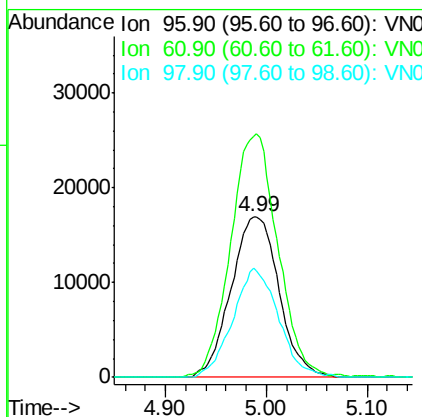
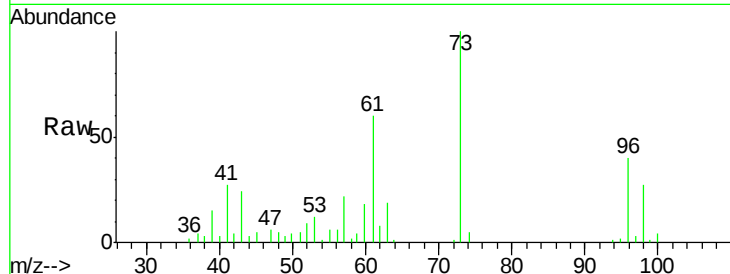
#21
trans-1,2-Dichloroethene
Concen: 18.183 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.3	117.9	176.9
98	67.7	51.1	76.7

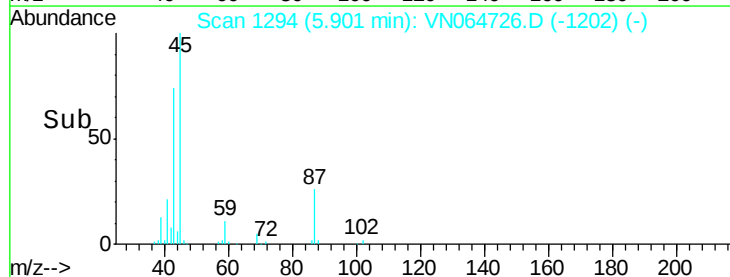
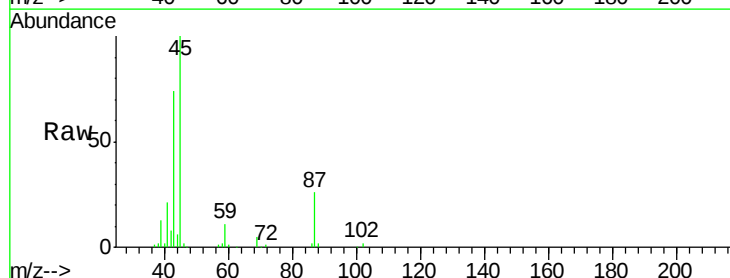
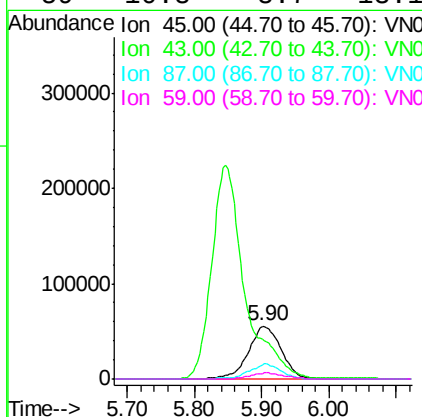
Manual Integrations
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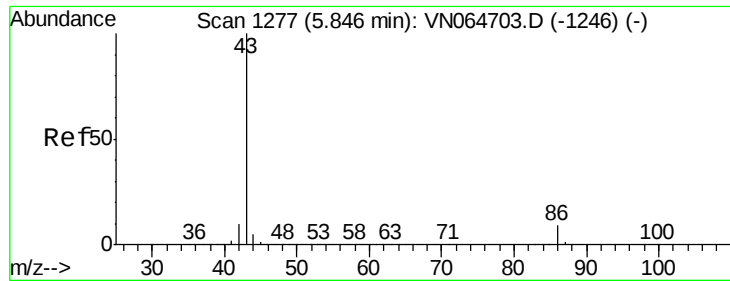
MMDadoda
11/24/2020 3:11:15 PM



#22
Diisopropyl ether
Concen: 18.866 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.6	52.3	78.5
87	26.2	21.6	32.4
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 94.804 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 43 Resp: 764941

Ion Ratio Lower Upper

43 100

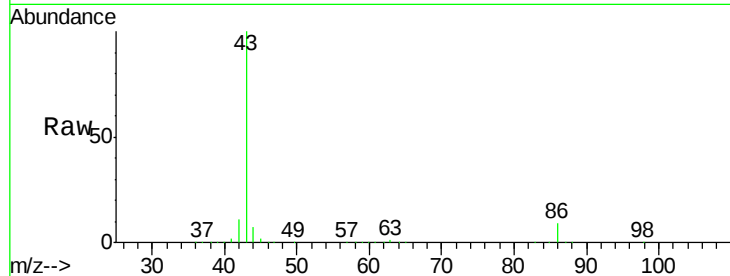
86 8.7 7.4 11.0

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

250000

200000

150000

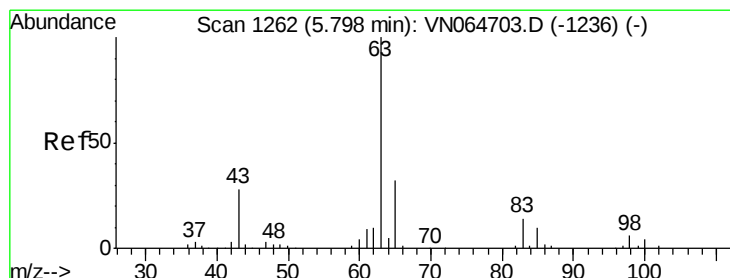
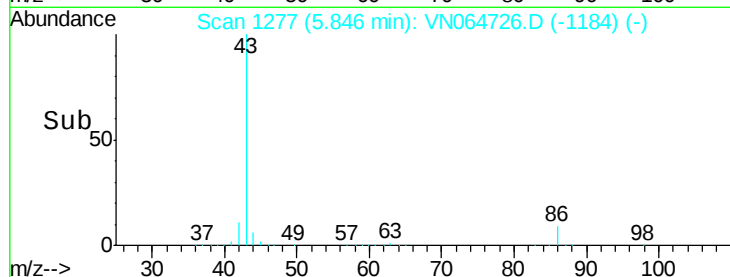
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.743 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

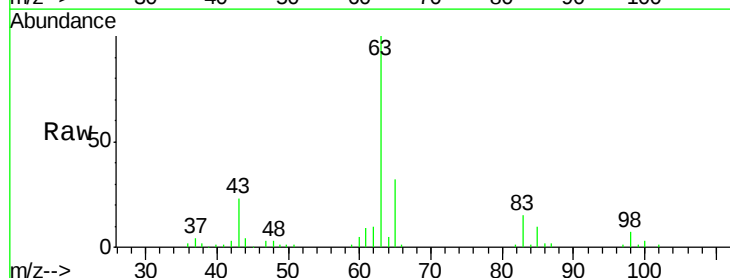
Tgt Ion: 63 Resp: 109792

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 3.5 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

40000

30000

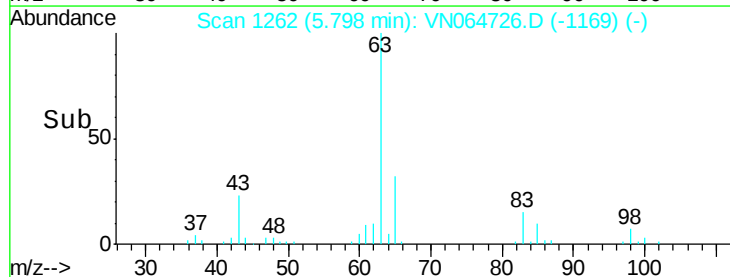
20000

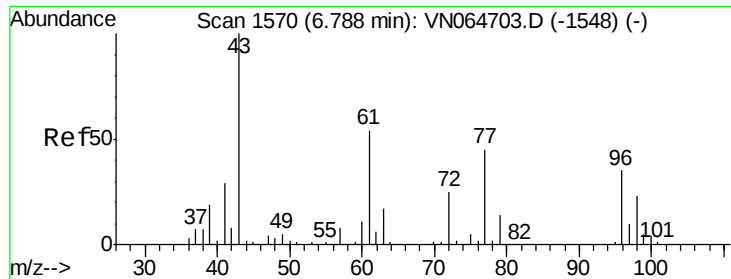
10000

0

5.70 5.80 5.90

Time-->





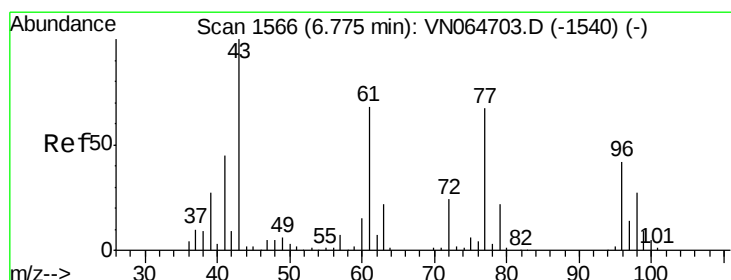
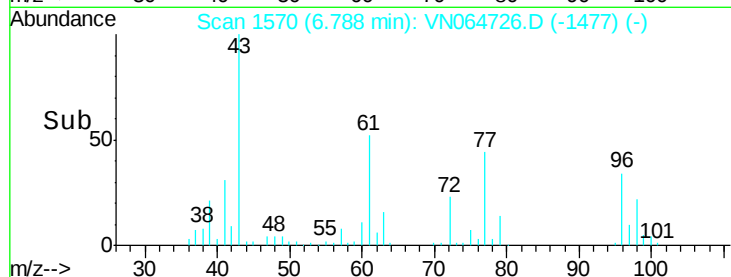
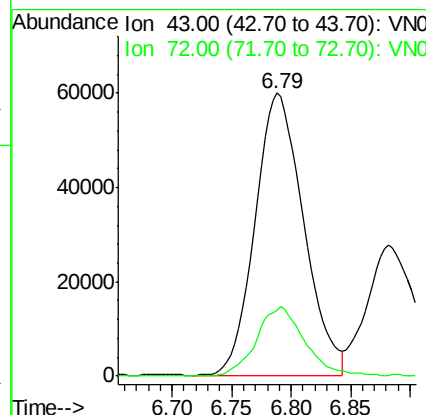
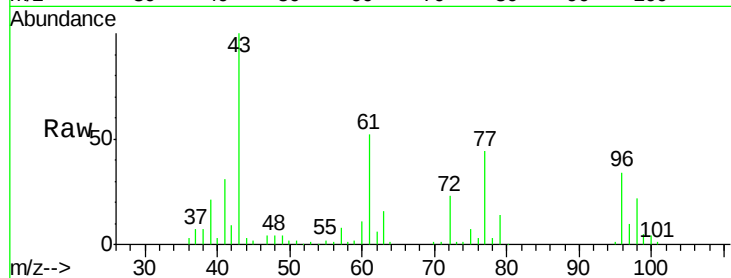
#25
2-Butanone
Concen: 98.106 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 43 Resp: 169218
Ion Ratio Lower Upper
43 100
72 23.4 19.7 29.5

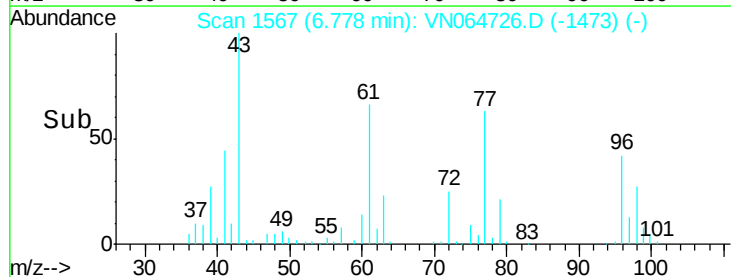
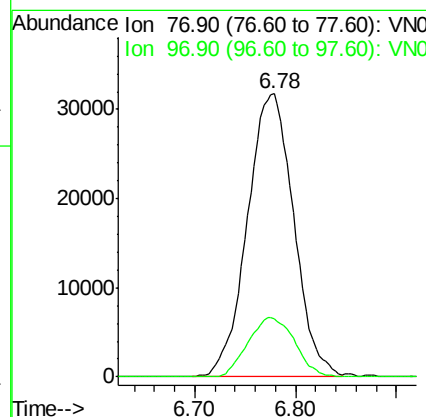
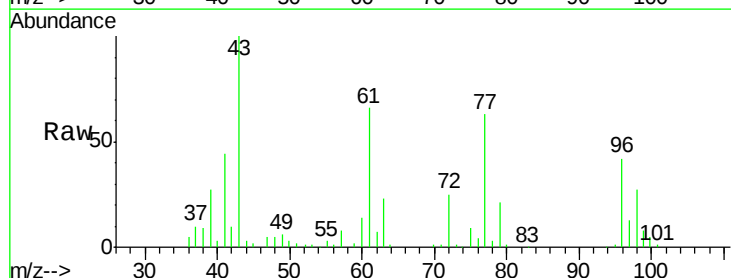
Manual Integrations
APPROVED

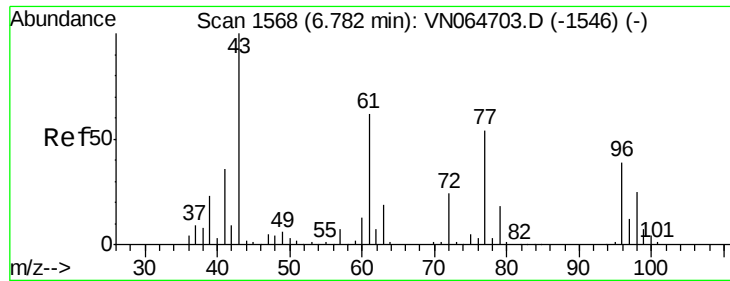
MMDadoda
11/24/2020 3:11:15 PM



#26
2,2-Dichloropropane
Concen: 18.215 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 77 Resp: 101385
Ion Ratio Lower Upper
77 100
97 20.9 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 18.560 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

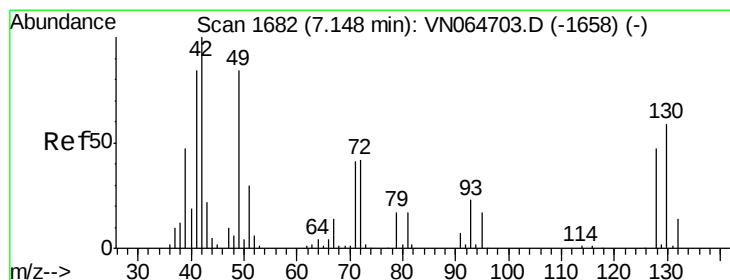
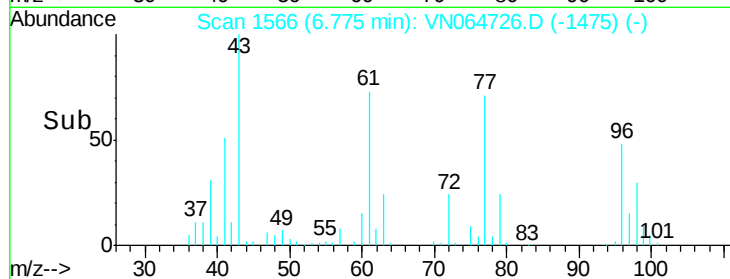
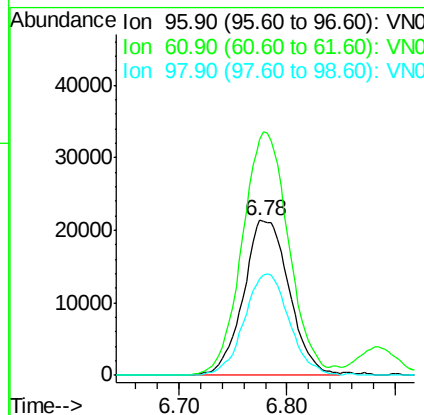
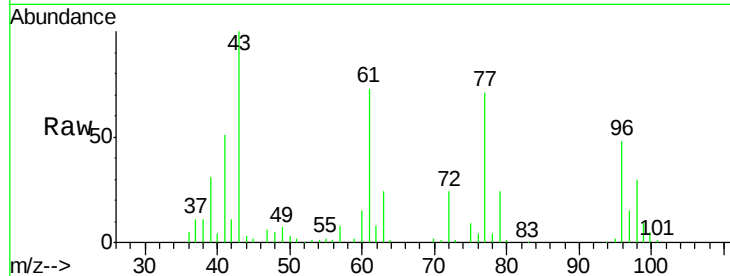
ClientSampleId :

VN1119WBS01

Tot Ion:	96	Resp:	62952
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	322.6
98	64.1	0.0	128.6

Manual Integrations
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11/24/2020 3:11:15 PM



#28

Bromochloromethane

Concen: 17.389 ug/l

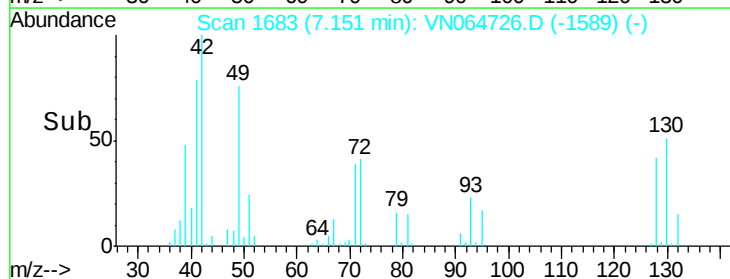
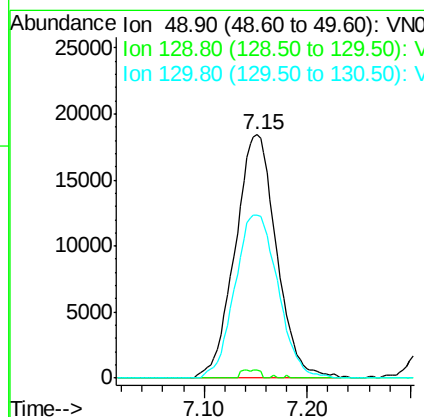
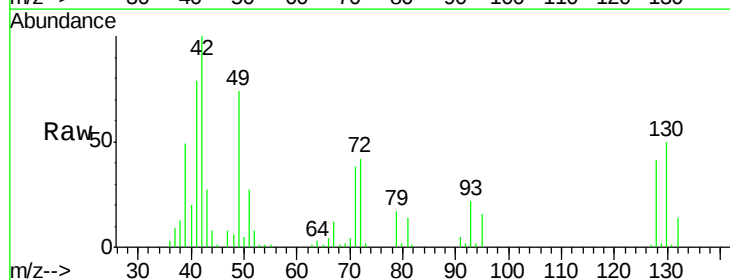
RT: 7.15 min Scan# 1683

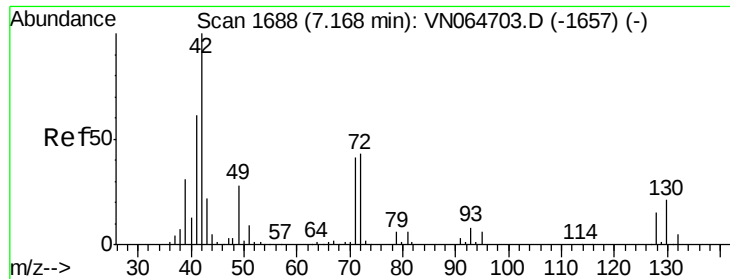
Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion:	49	Resp:	51357
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	3.8
130	70.0	56.2	84.4





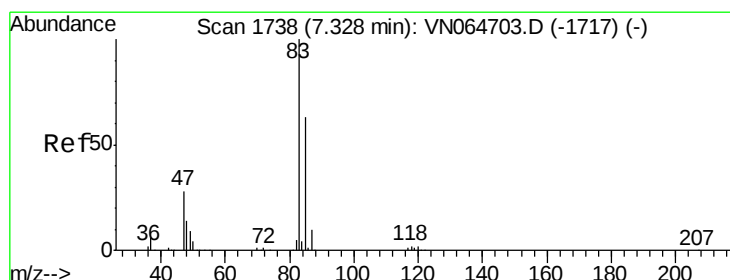
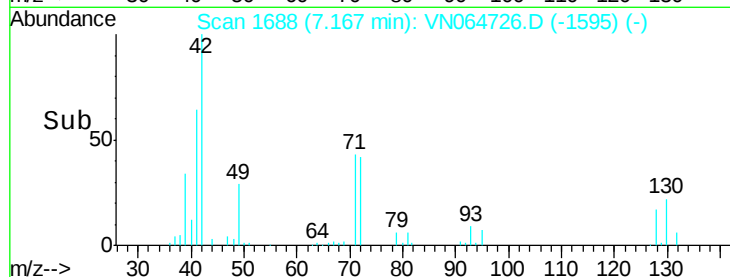
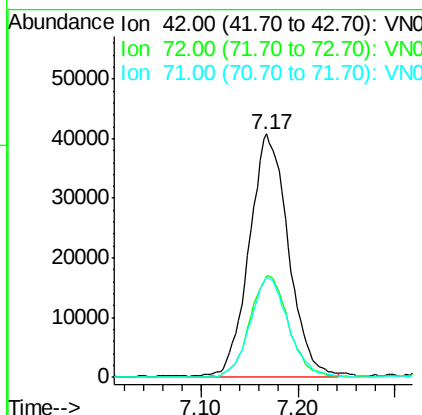
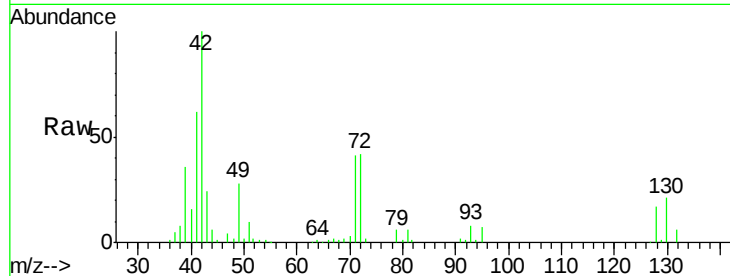
#29
Tetrahydrofuran
Concen: 97.746 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.0	49.4
71	40.6	31.8	47.6

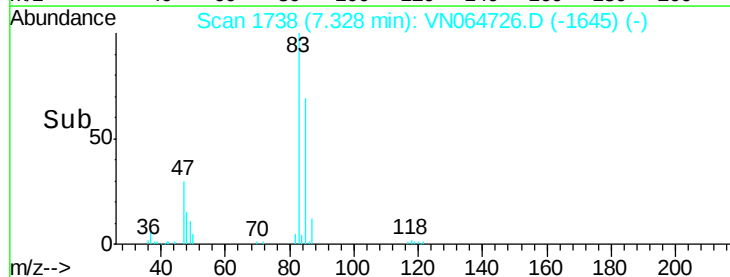
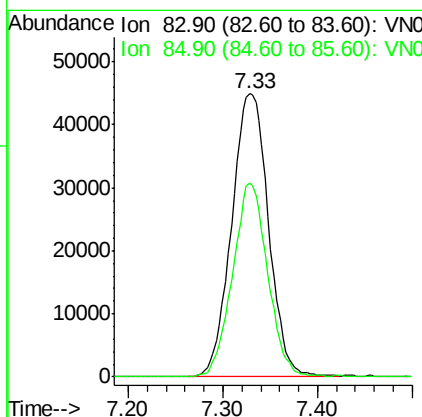
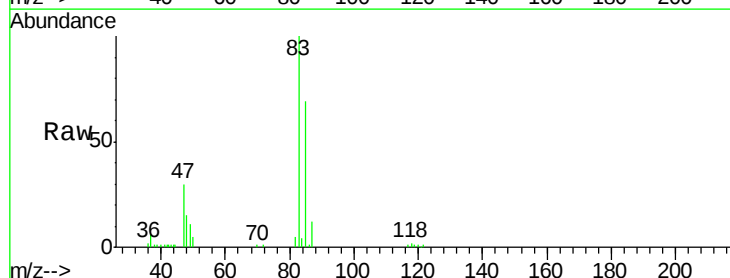
Manual Integrations
APPROVED

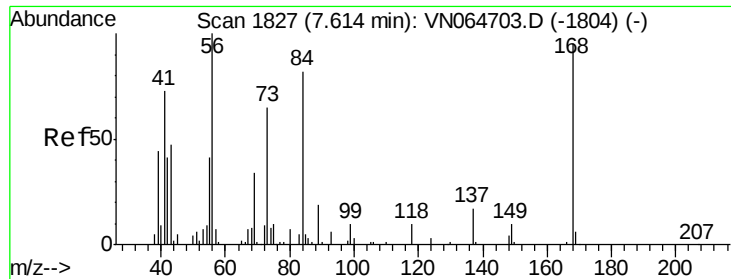
MMDadoda
11/24/2020 3:11:15 PM



#30
Chloroform
Concen: 19.119 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.6	50.6	75.8





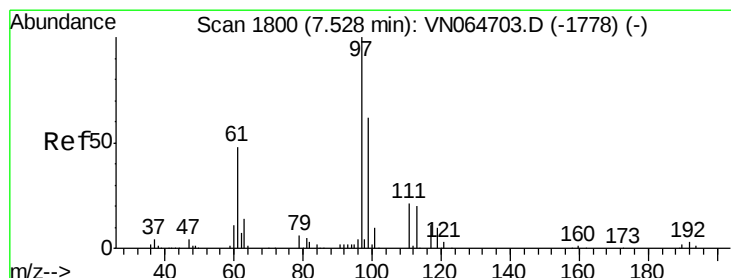
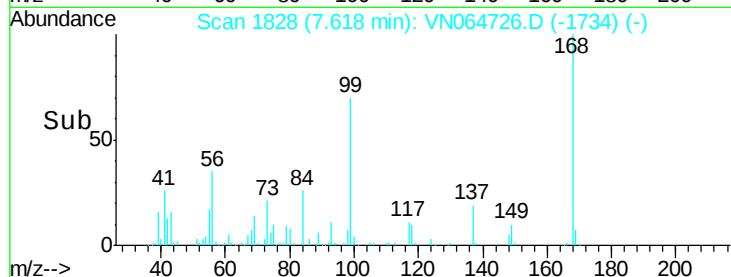
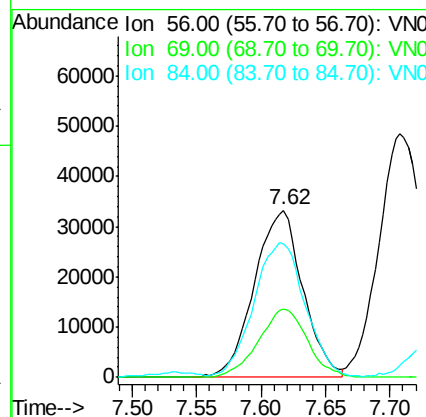
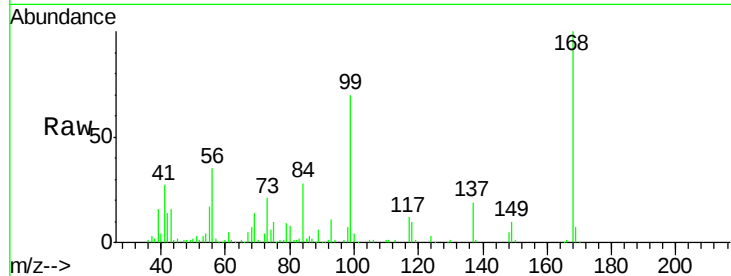
#31
Cyclohexane
Concen: 17.877 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.1	27.2	40.8#
84	77.5	65.9	98.9

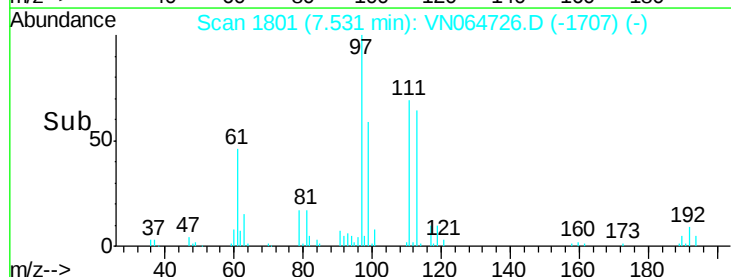
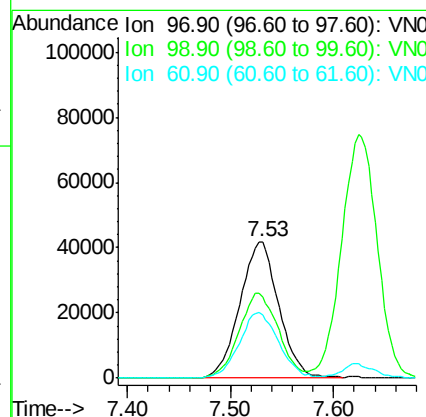
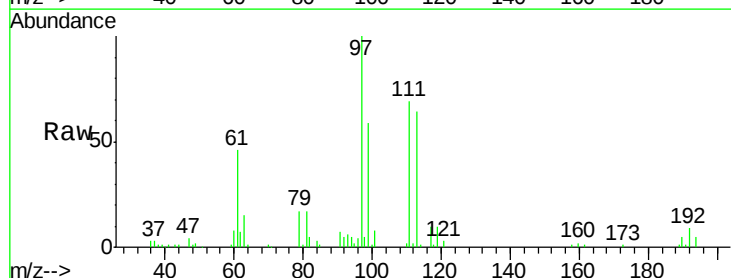
Manual Integrations
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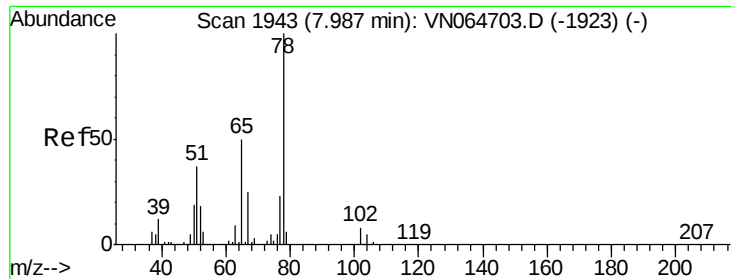
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.835 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.6	76.0
61	48.7	38.3	57.5





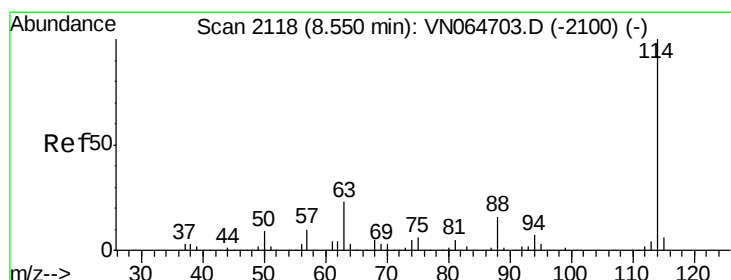
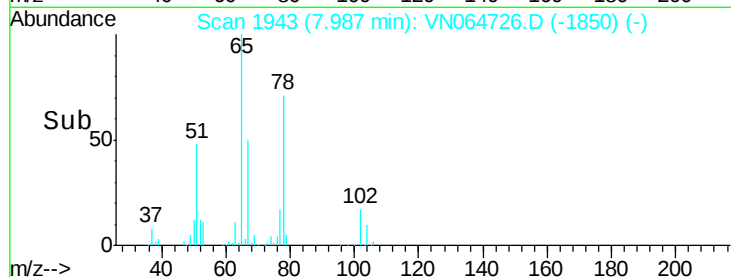
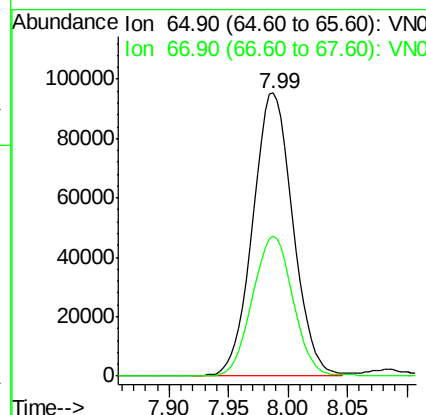
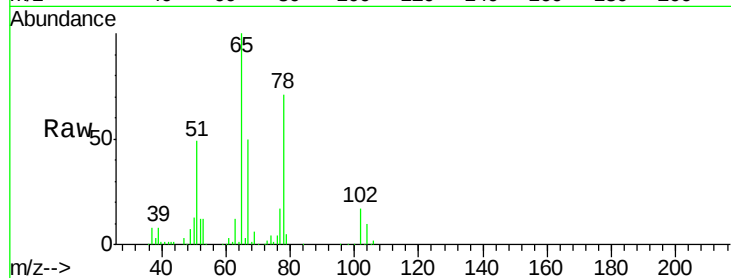
#33
 1,2-Dichloroethane-d4
 Concen: 49.467 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	223171		
67	50.0	0.0	99.8	

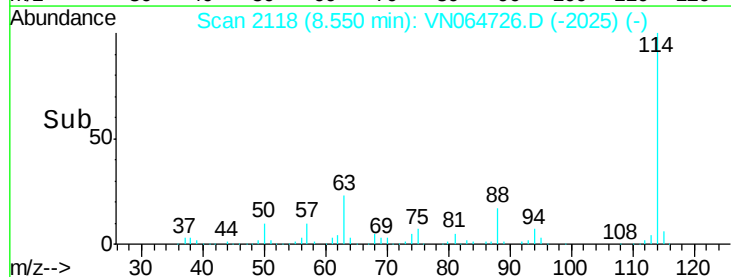
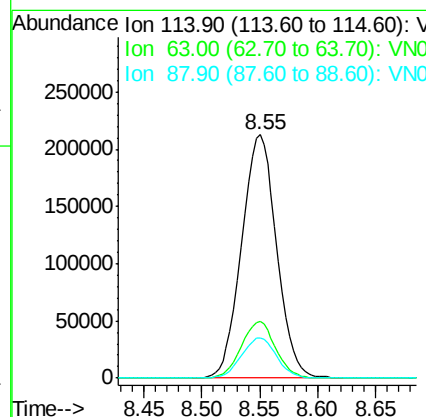
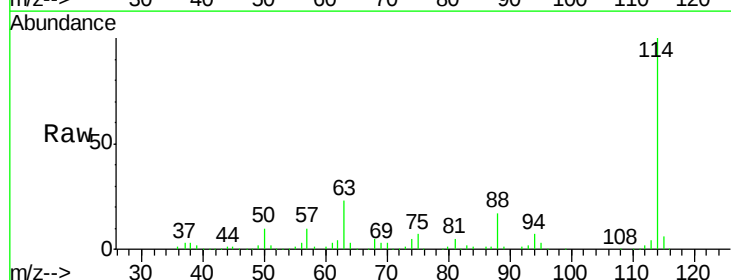
Manual Integrations
 APPROVED

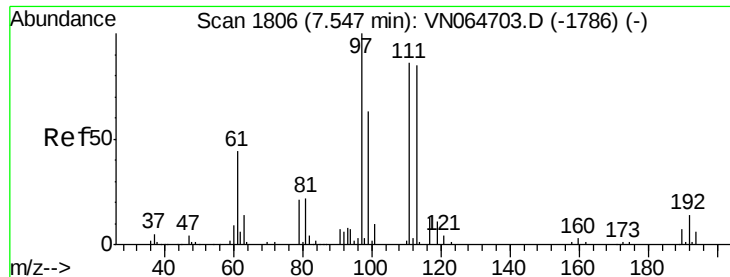
MMDadoda
 11/24/2020 3:11:15 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	445539		
63	23.4	0.0	46.0	
88	16.6	0.0	31.2	





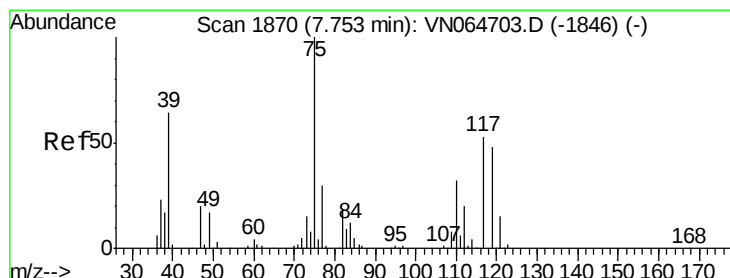
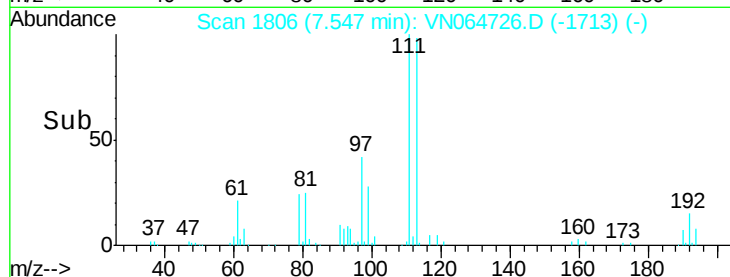
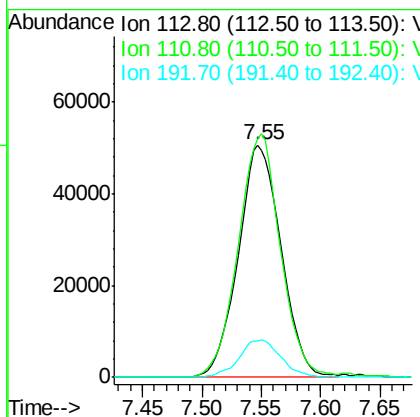
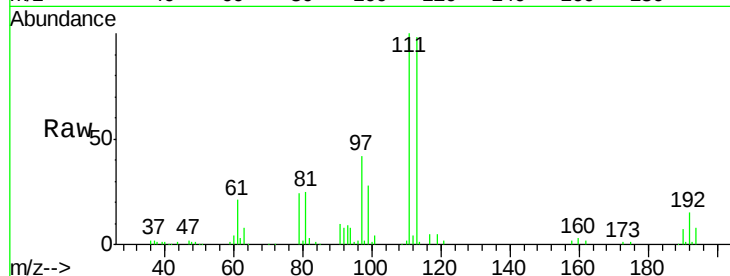
#35
 Dibromofluoromethane
 Concen: 49.744 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	126145		
111	103.3	82.2	123.4	
192	15.7	12.7	19.1	

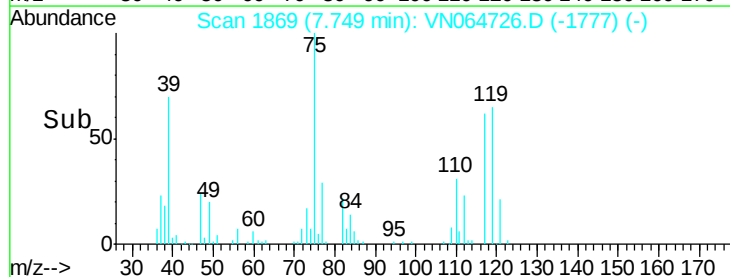
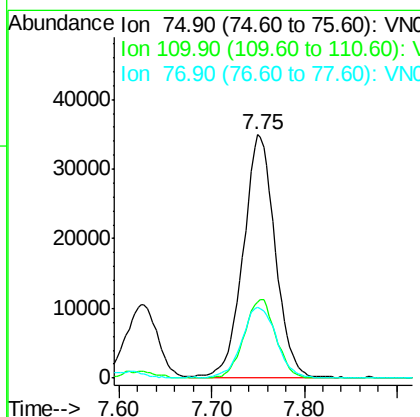
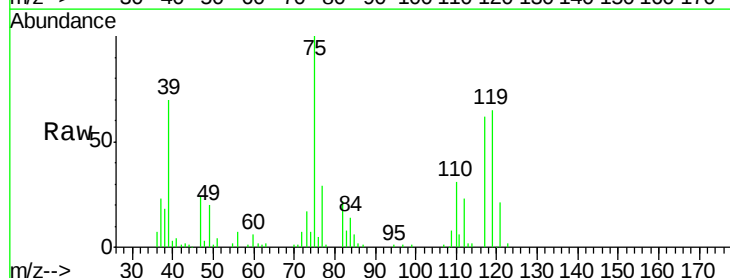
Manual Integrations
 APPROVED

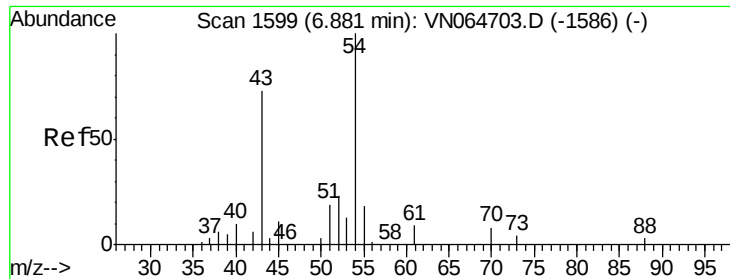
MMDadoda
 11/24/2020 3:11:15 PM



#36
 1,1-Dichloropropene
 Concen: 18.325 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83995		
110	31.5	16.2	48.6	
77	31.2	24.4	36.6	





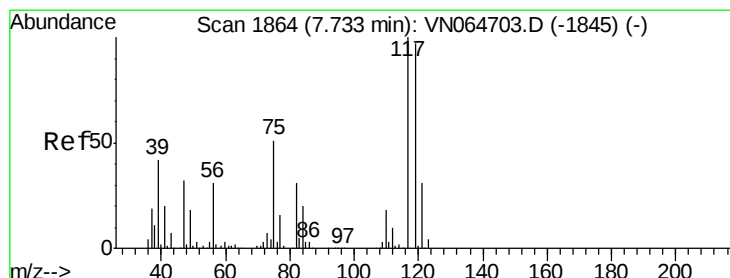
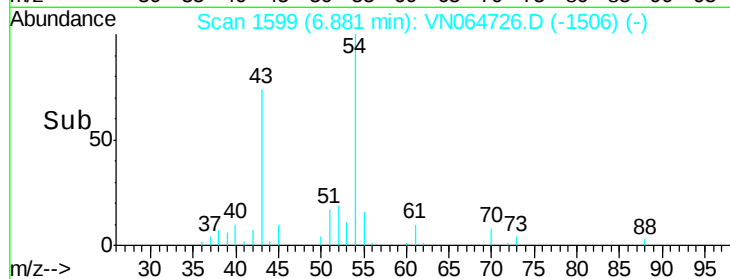
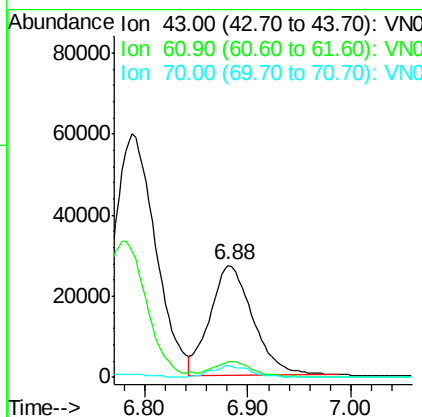
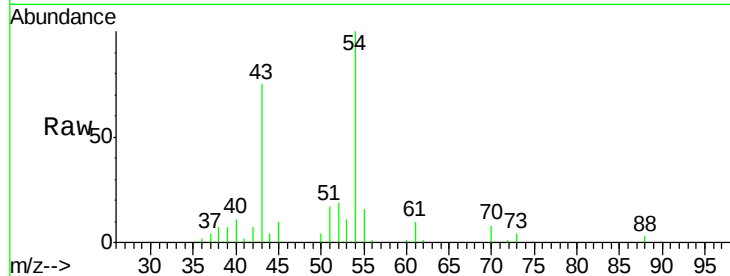
#37
Ethyl Acetate
Concen: 20.609 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.4	15.6
70	9.4	7.6	11.4

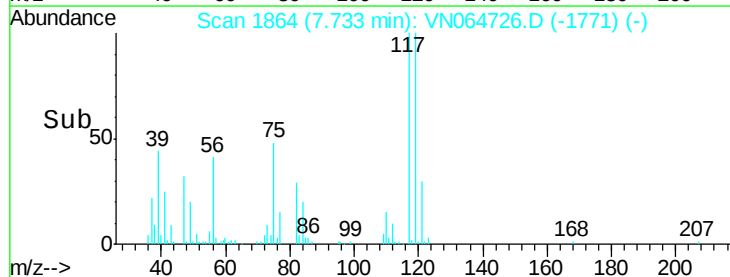
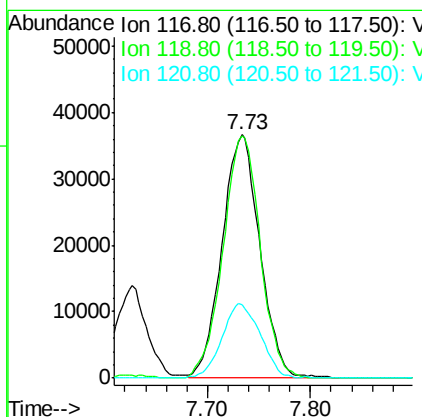
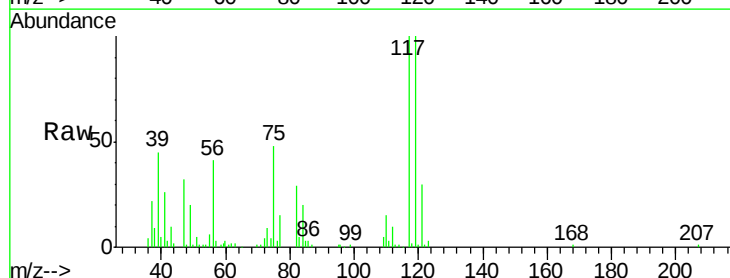
Manual Integrations
APPROVED

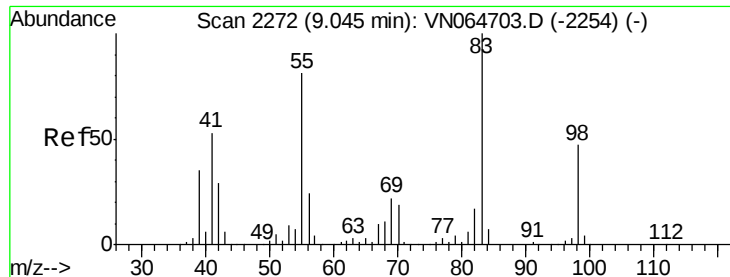
MMDadoda
11/24/2020 3:11:15 PM



#38
Carbon Tetrachloride
Concen: 19.224 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	77.8	116.6
121	30.2	24.9	37.3





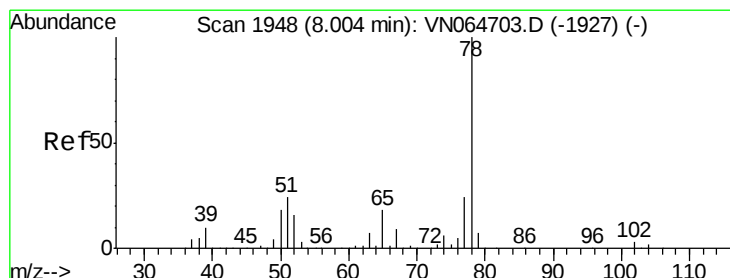
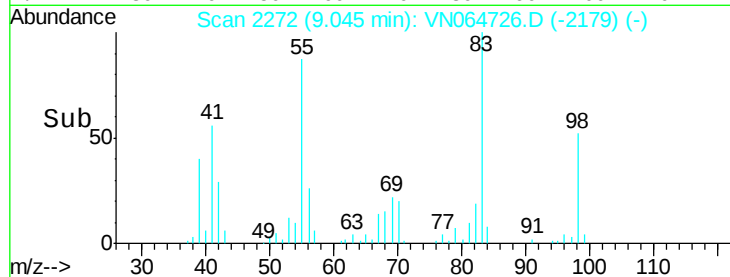
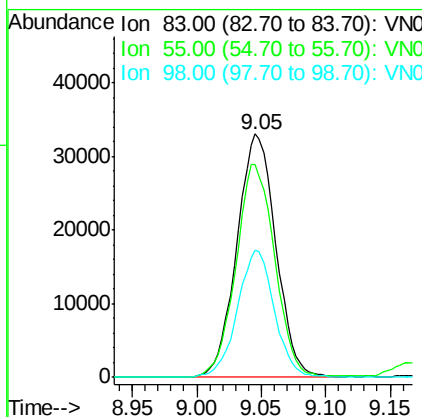
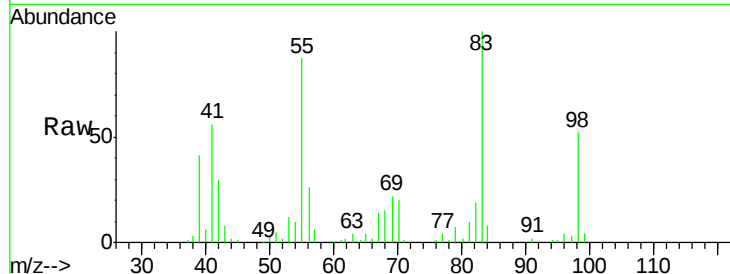
#39
Methylvlcyclohexane
Concen: 17.107 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.2	64.6	97.0
98	52.4	37.7	56.5

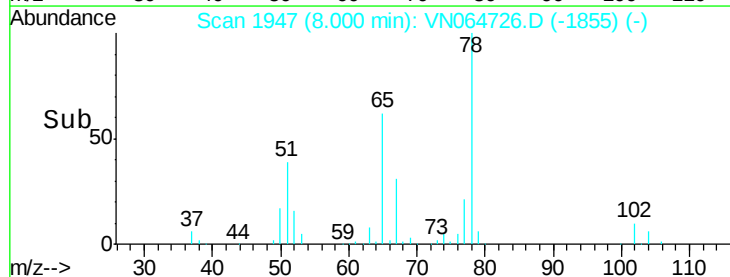
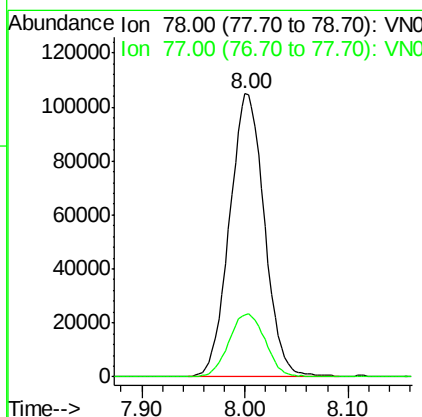
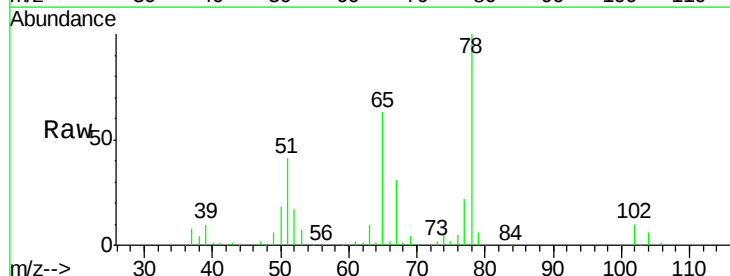
Manual Integrations
APPROVED

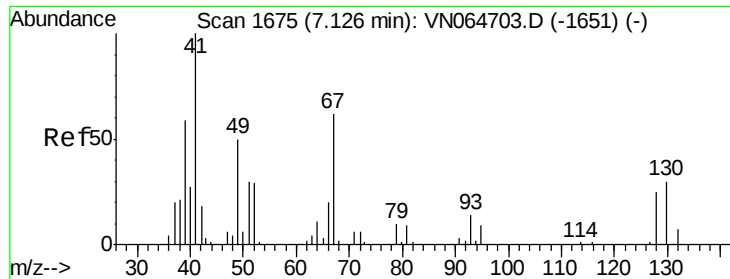
MMDadoda
11/24/2020 3:11:15 PM



#40
Benzene
Concen: 19.367 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.6	19.2	28.8





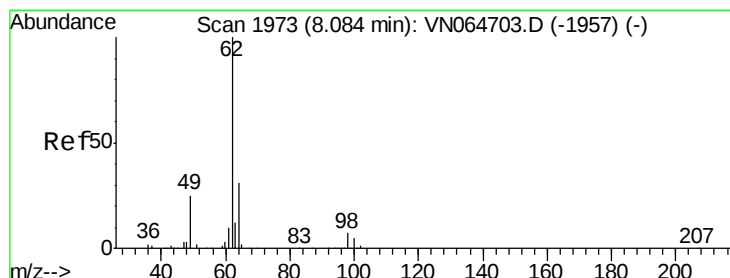
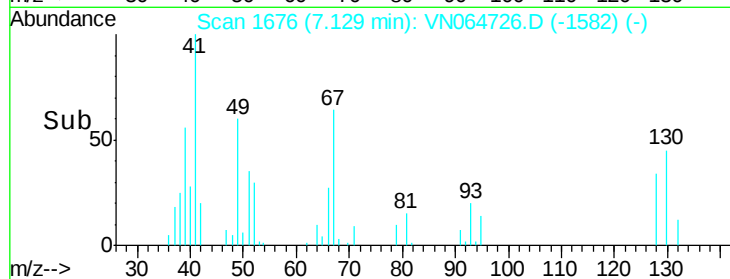
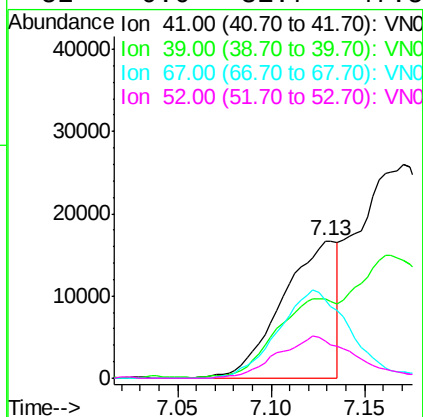
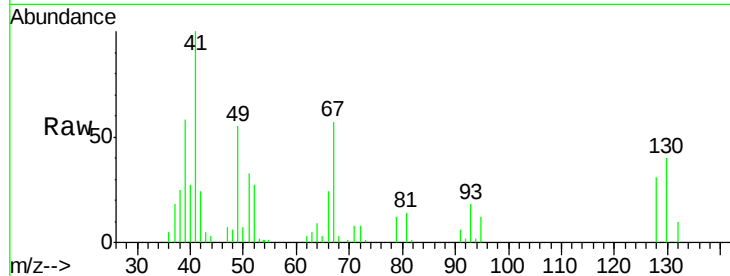
#41
Methacrylonitrile
Concen: 19.421 ug/l m
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.0	69.0#
67	0.0	67.0	100.4#
52	0.0	31.7	47.5#

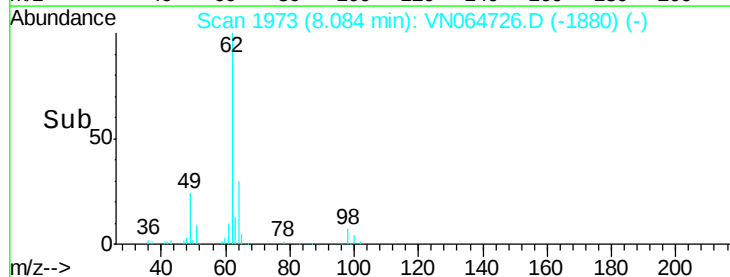
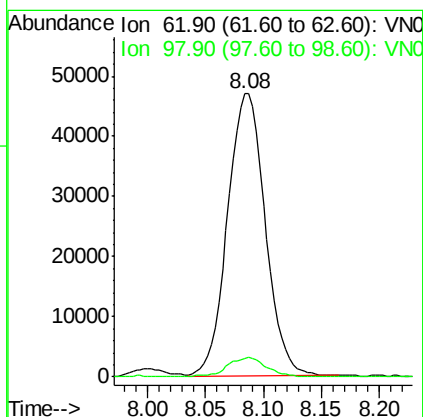
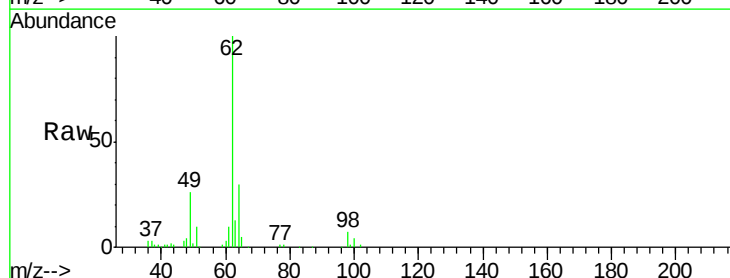
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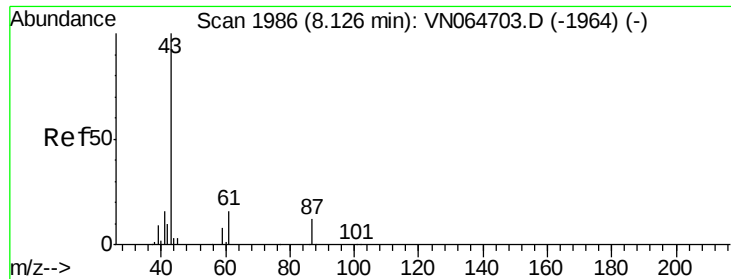
MMDadoda
11/24/2020 3:11:15 PM



#42
1,2-Dichloroethane
Concen: 19.357 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	13.6





#43

Isopropyl Acetate

Concen: 18.211 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

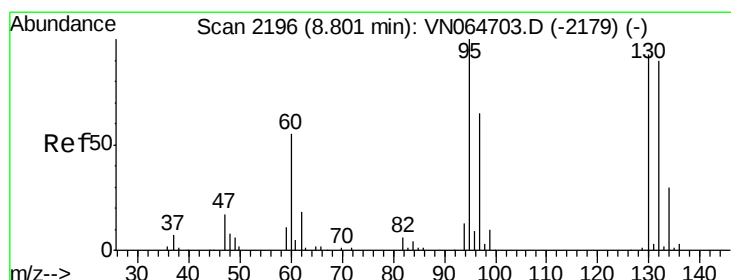
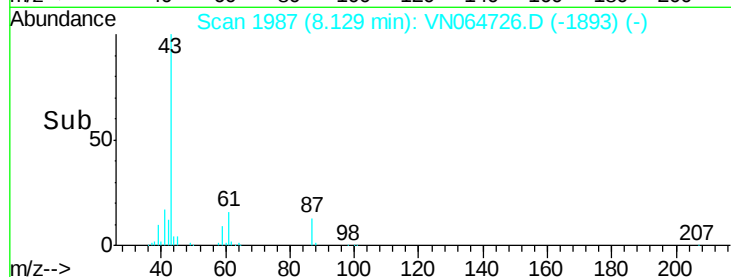
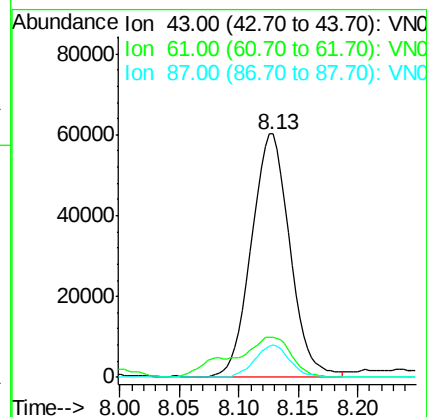
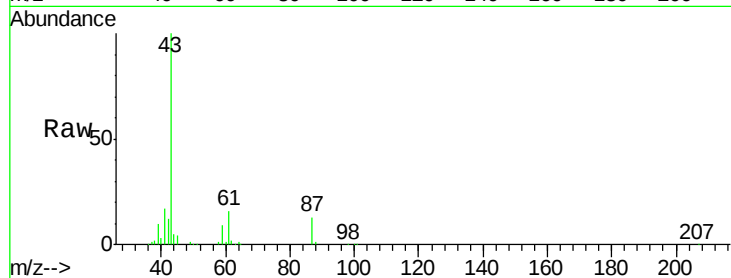
ClientSampleId :

VN1119WBS01

Tot Ion:	43	Resp:	135481
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.1	21.1
87	12.0	9.1	13.7

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#44

Trichloroethene

Concen: 18.963 ug/l

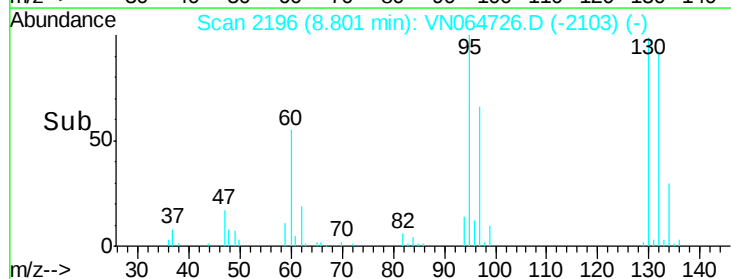
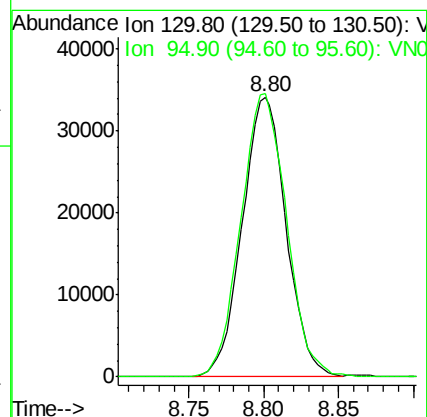
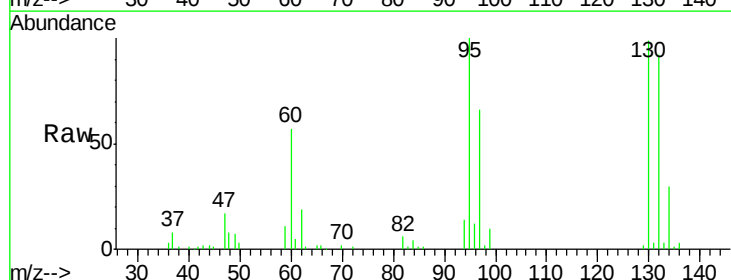
RT: 8.80 min Scan# 2196

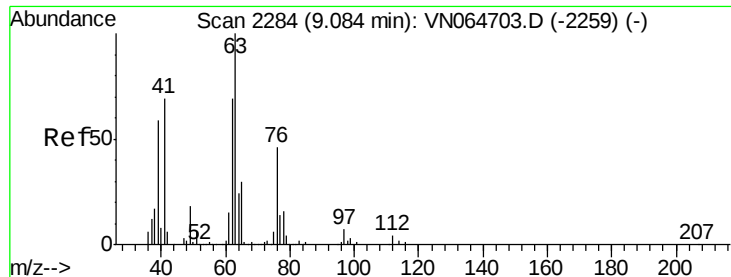
Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion:	130	Resp:	69507
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	214.2





#45

1,2-Dichloropropane

Concen: 19.723 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 63 Resp: 67143

Ion Ratio Lower Upper

63 100

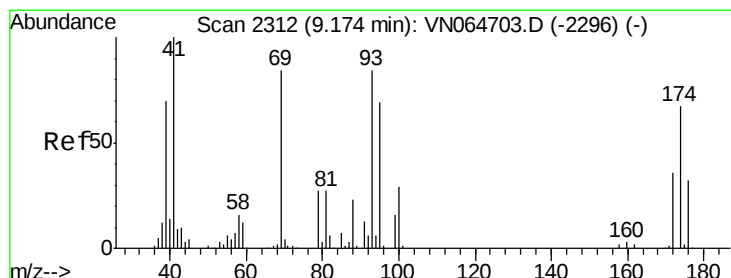
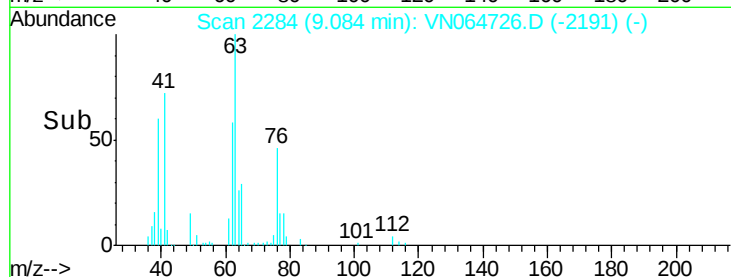
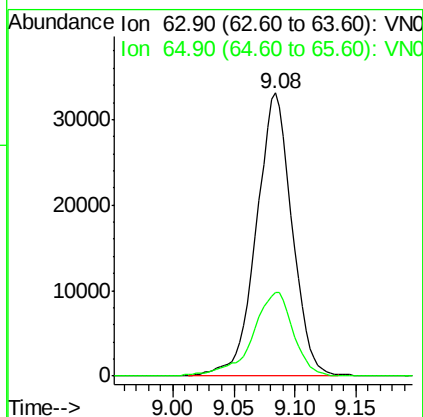
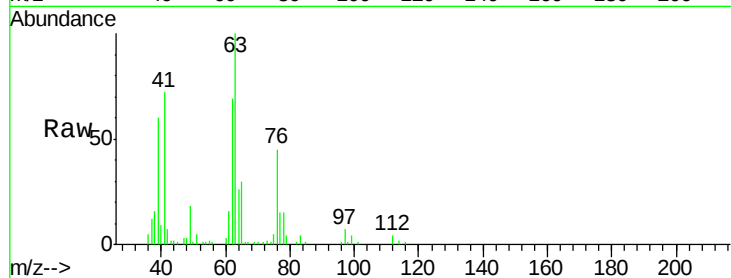
65 29.6 24.0 36.0

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#46

Dibromomethane

Concen: 19.353 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

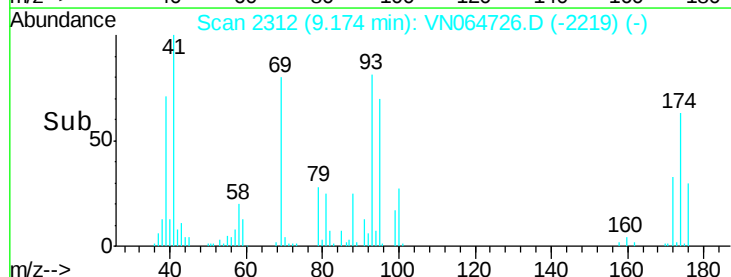
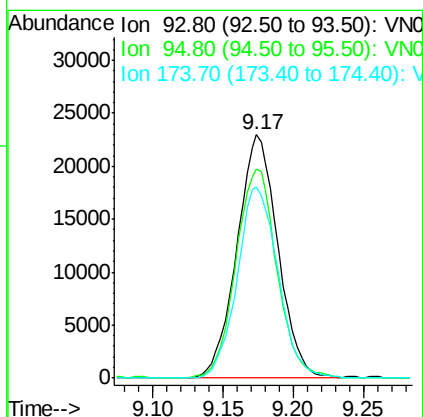
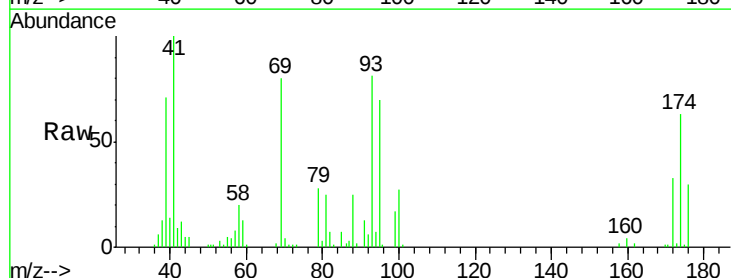
Tgt Ion: 93 Resp: 46702

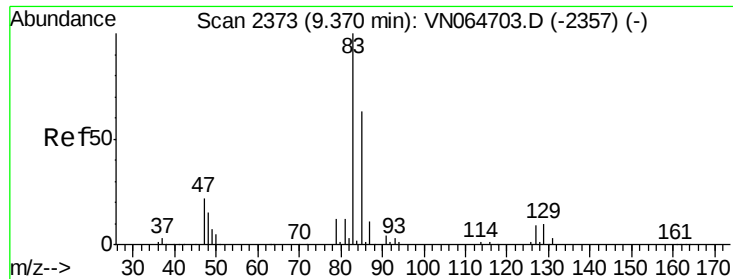
Ion Ratio Lower Upper

93 100

95 86.0 64.6 97.0

174 78.2 64.3 96.5





#47

Bromodichloromethane

Concen: 19.487 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

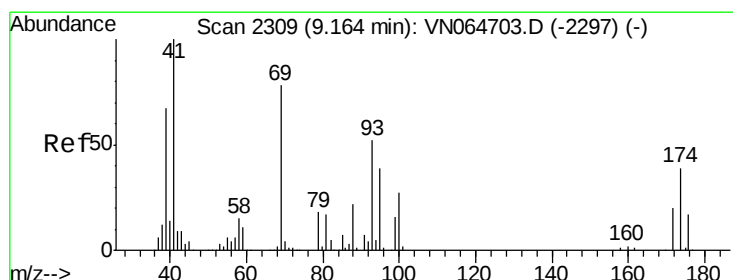
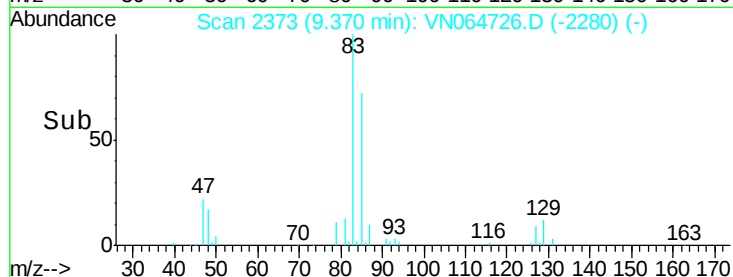
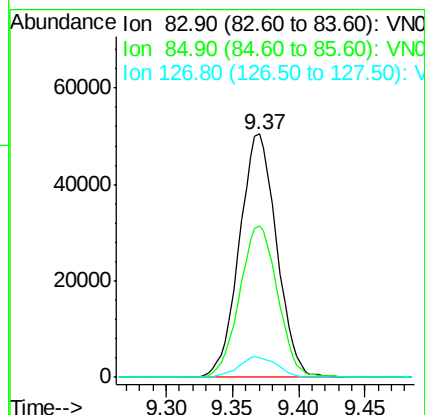
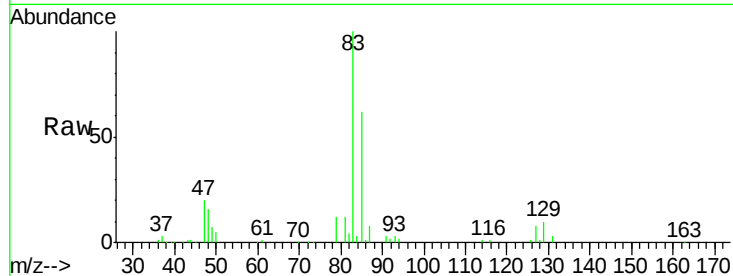
ClientSampleId :

VN1119WBS01

Tot Ion:	83	Resp:	98859
Ion Ratio	Lower	Upper	
83	100		
85	62.2	50.8	76.2
127	8.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.925 ug/l

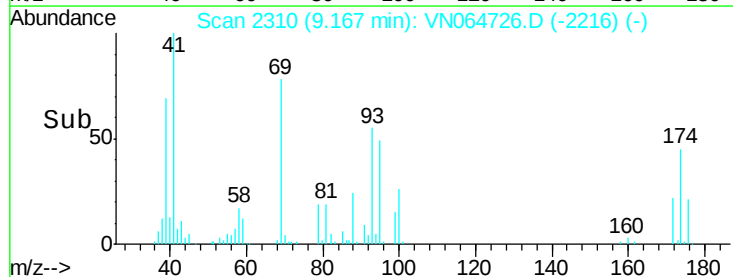
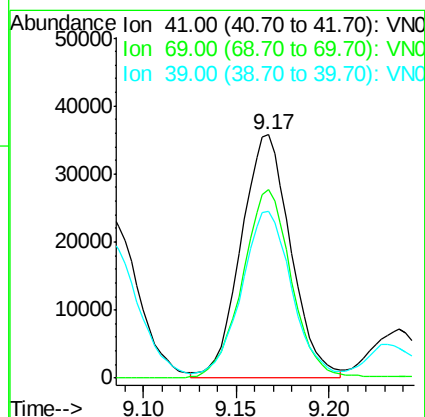
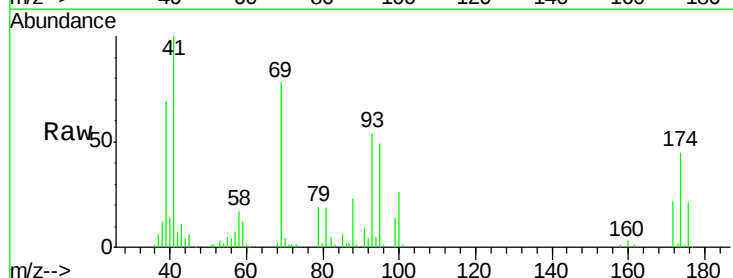
RT: 9.17 min Scan# 2310

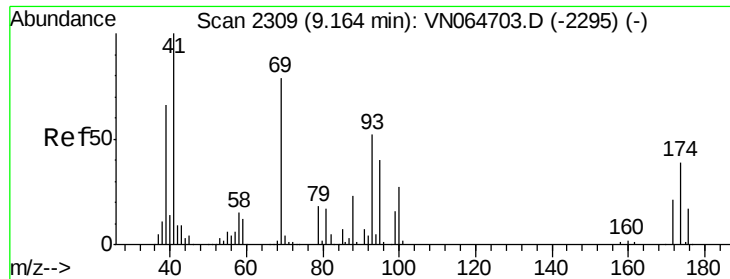
Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion:	41	Resp:	66431
Ion Ratio	Lower	Upper	
41	100		
69	77.2	62.3	93.5
39	68.5	55.1	82.7





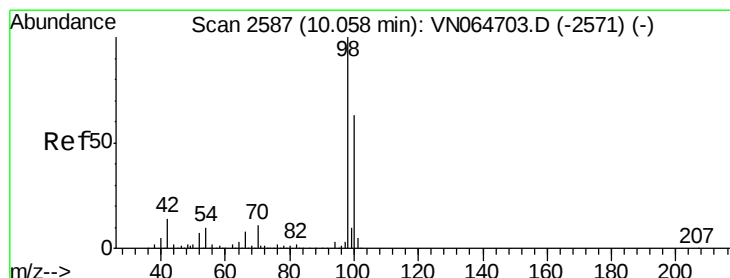
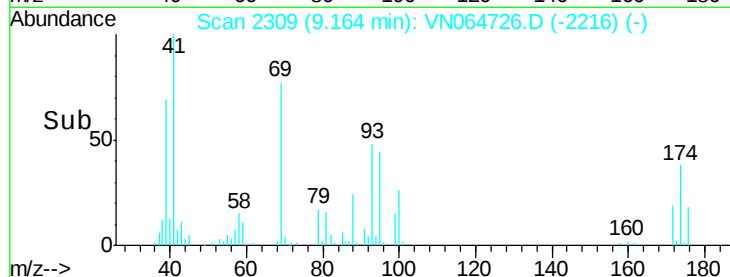
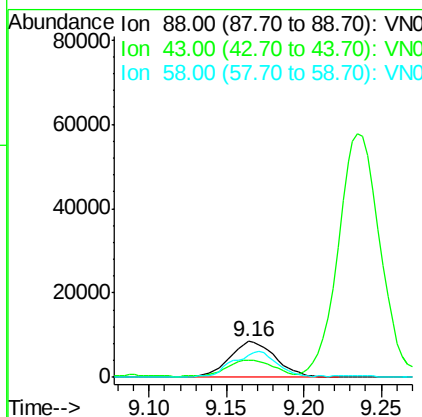
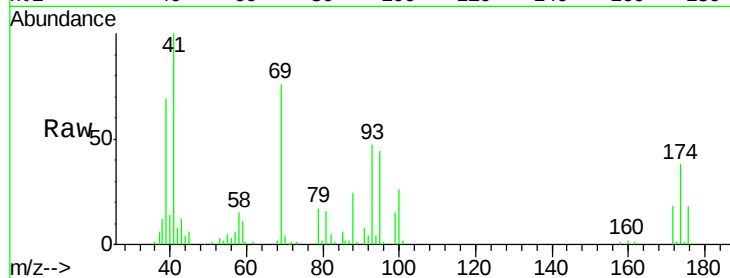
#49
1,4-Dioxane
Concen: 402.113 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.4	31.3	46.9
58	69.6	55.7	83.5

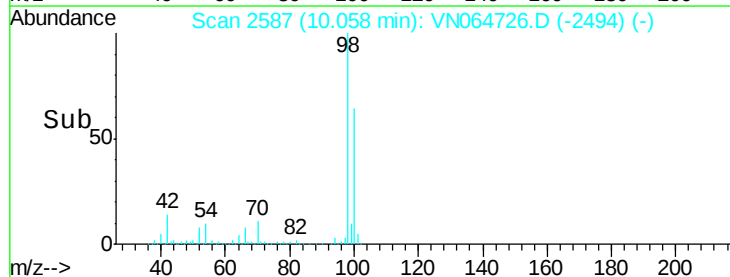
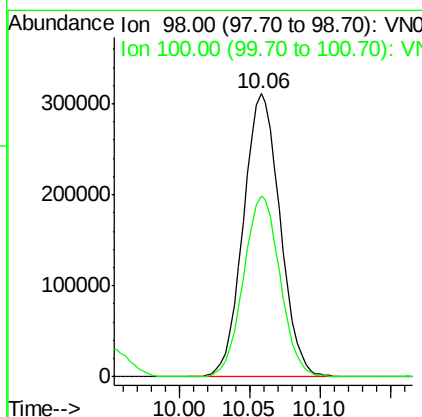
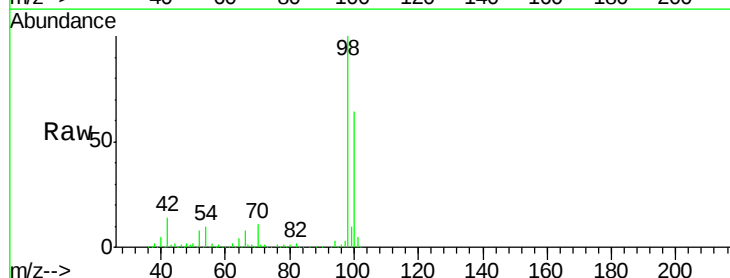
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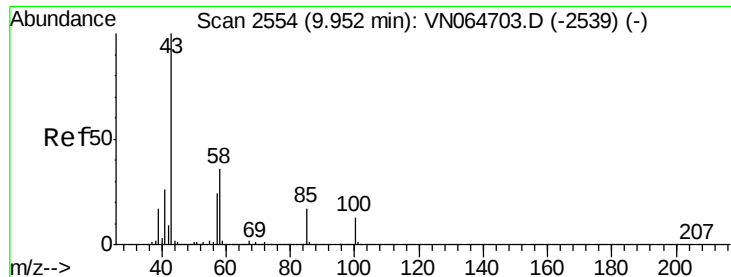
MMDadoda
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#50
Toluene-d8
Concen: 49.286 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.4	75.6





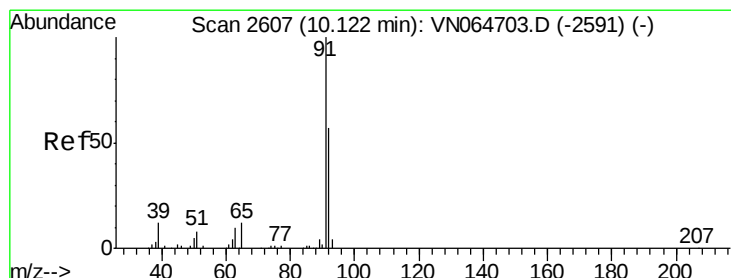
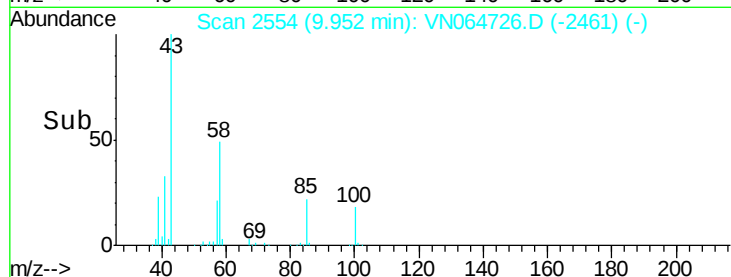
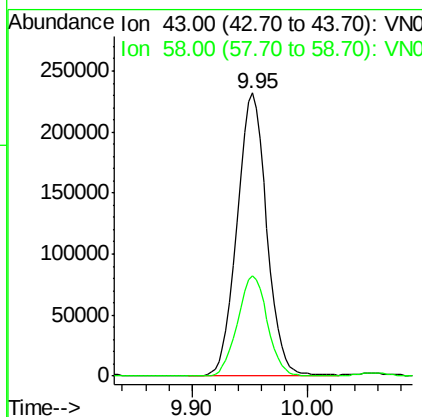
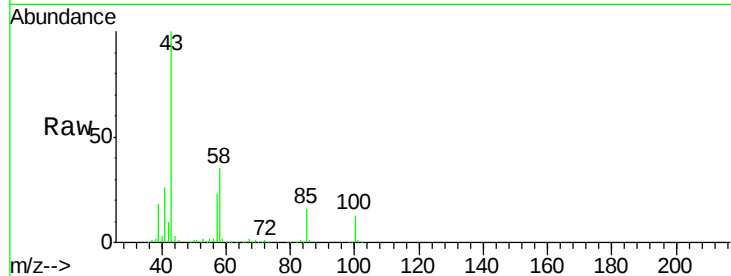
#51
 4-Methyl-2-Pentanone
 Concen: 94.928 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion: 43 Resp: 408803
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.5 42.7

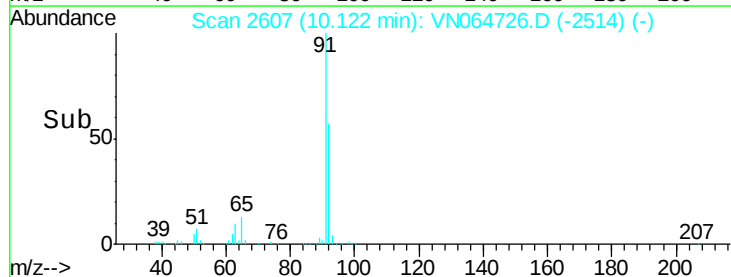
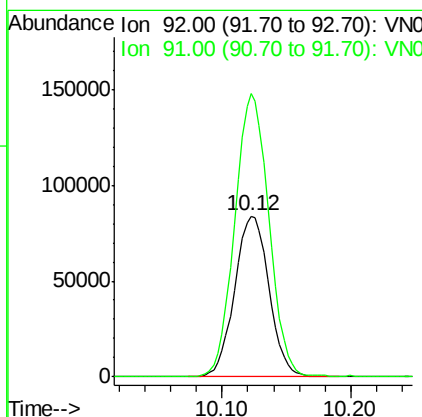
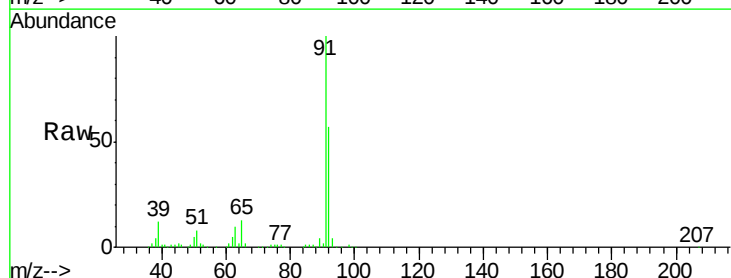
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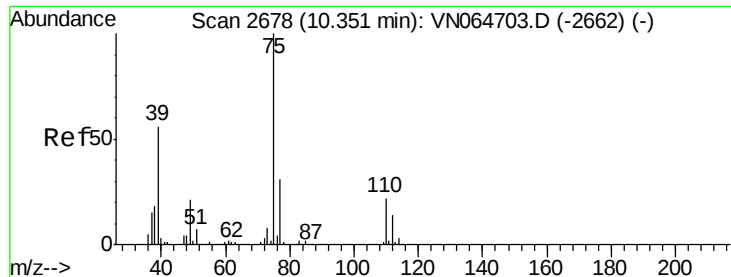
MMDadoda
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#52
 Toluene
 Concen: 19.772 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 92 Resp: 155526
 Ion Ratio Lower Upper
 92 100
 91 174.8 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 18.149 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 75 Resp: 98538

Ion Ratio Lower Upper

75 100

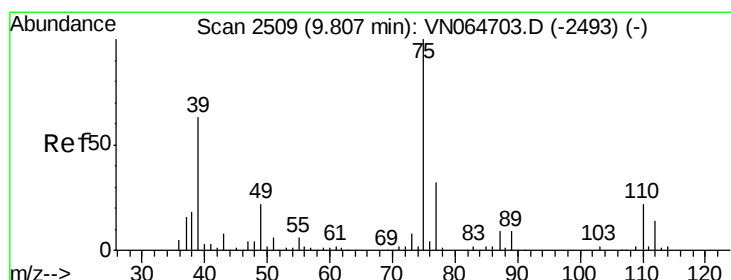
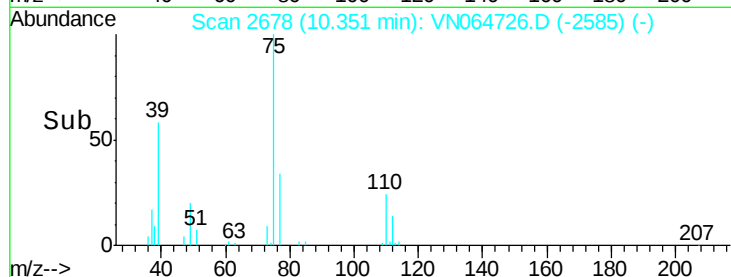
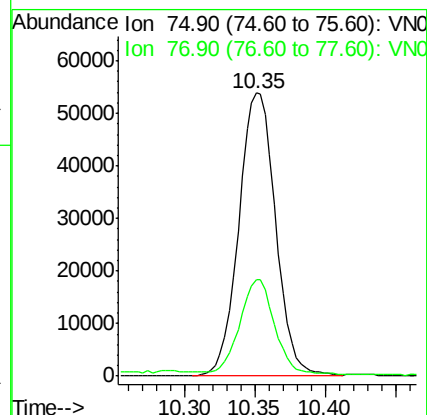
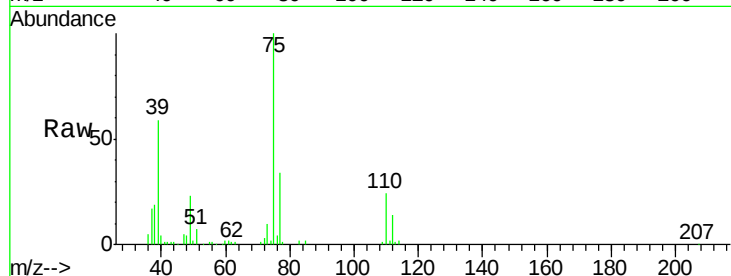
77 33.8 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 18.517 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

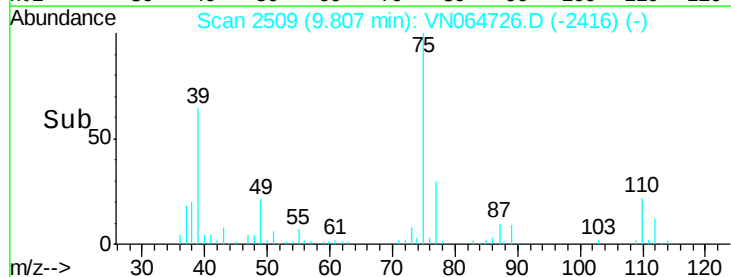
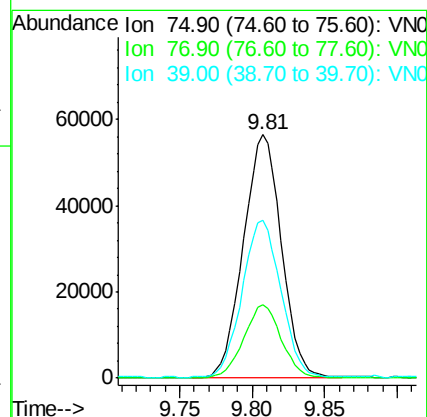
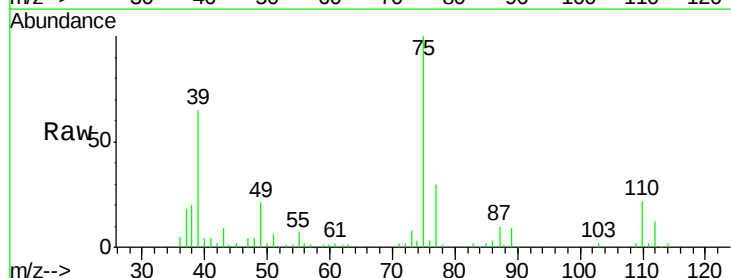
Tgt Ion: 75 Resp: 103524

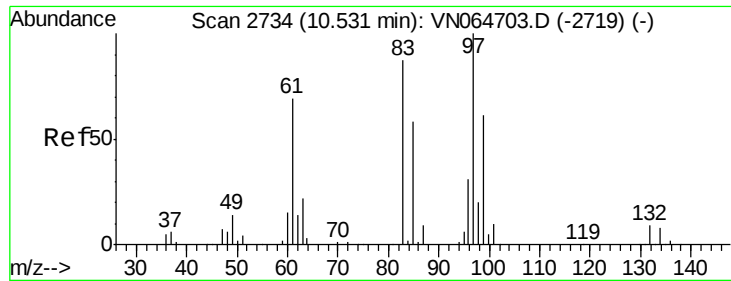
Ion Ratio Lower Upper

75 100

77 29.9 25.8 38.8

39 64.5 50.5 75.7





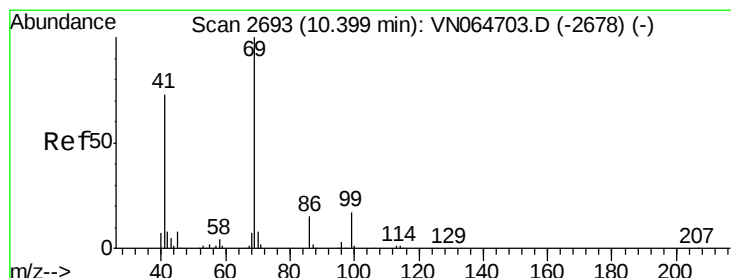
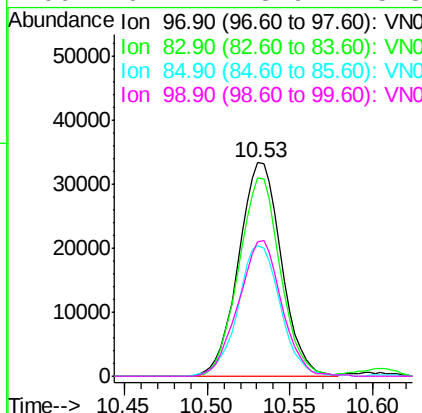
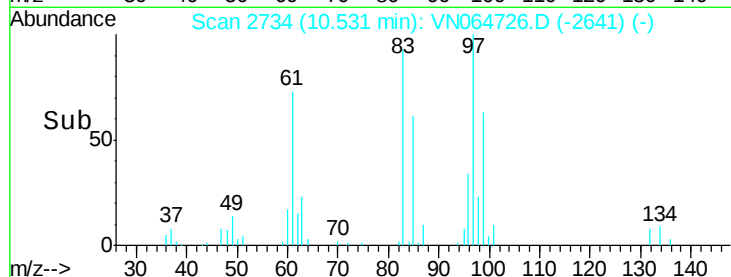
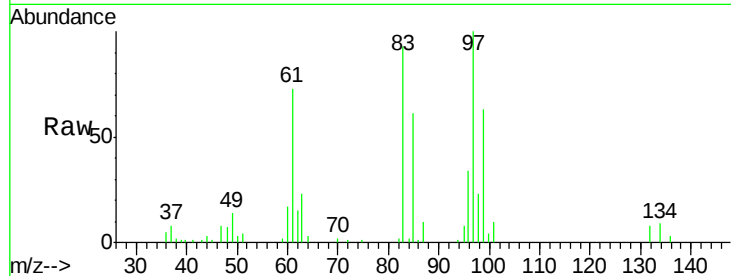
#55
 1,1,2-Trichloroethane
 Concen: 19.041 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion:	97	Resp:	60073
Ion	Ratio	Lower	Upper
97	100		
83	92.6	69.6	104.4
85	61.4	46.6	70.0
99	62.7	48.9	73.3

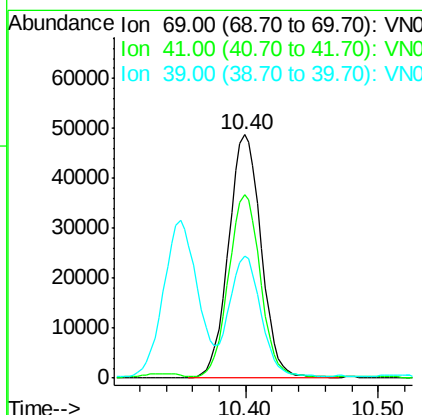
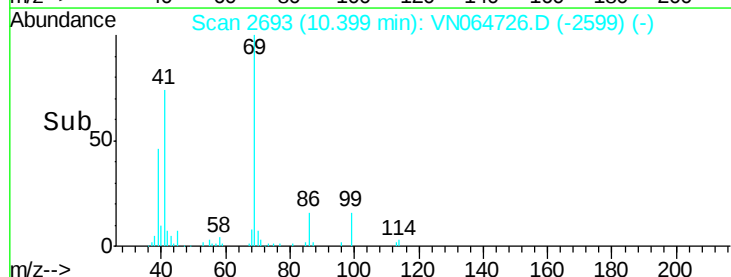
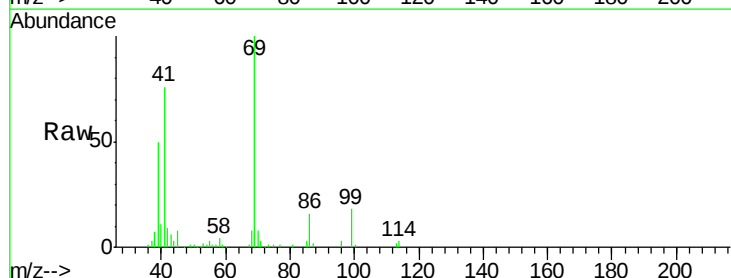
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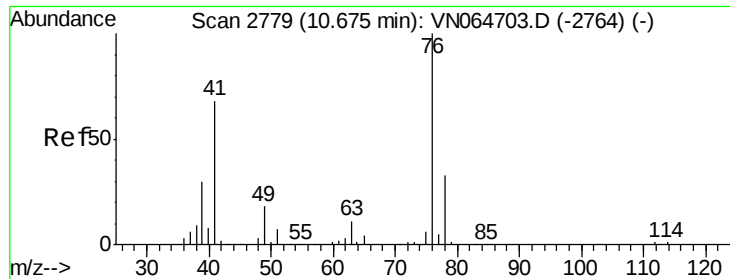
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#56
 Ethyl methacrylate
 Concen: 17.950 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion:	69	Resp:	83579
Ion	Ratio	Lower	Upper
69	100		
41	73.1	59.0	88.4
39	48.2	38.4	57.6





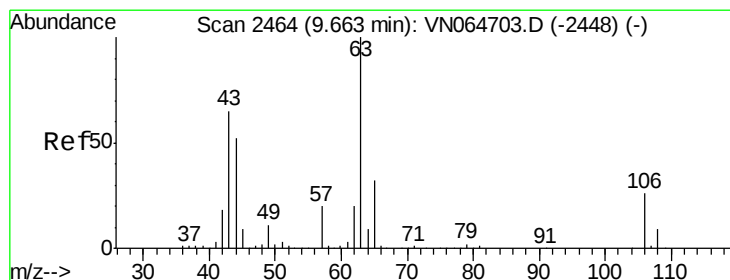
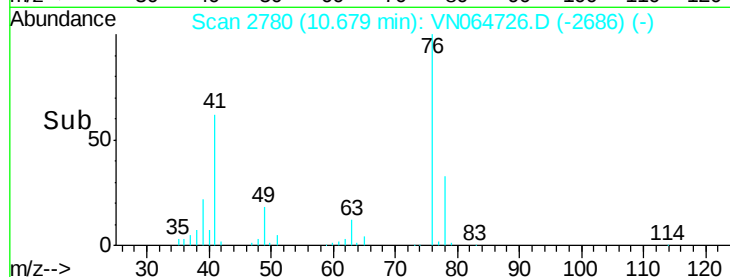
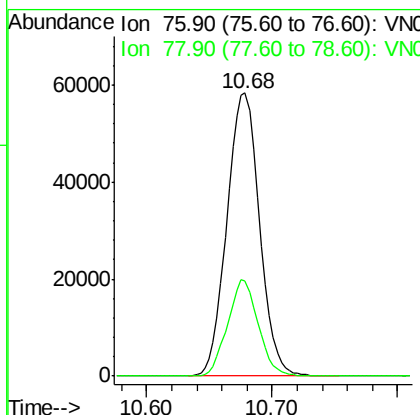
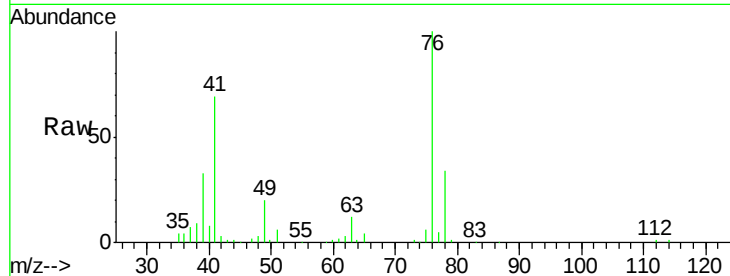
#57
 1,3-Dichloropropane
 Concen: 19.287 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion: 76 Resp: 105409
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.4 39.6

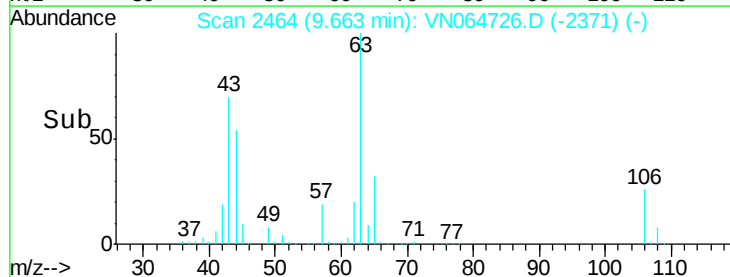
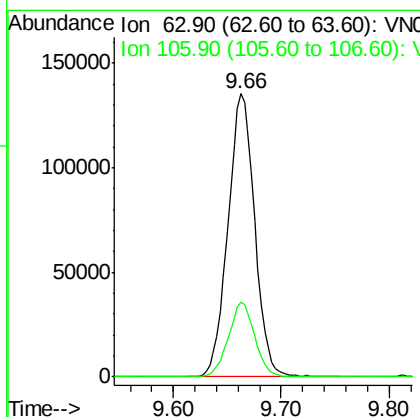
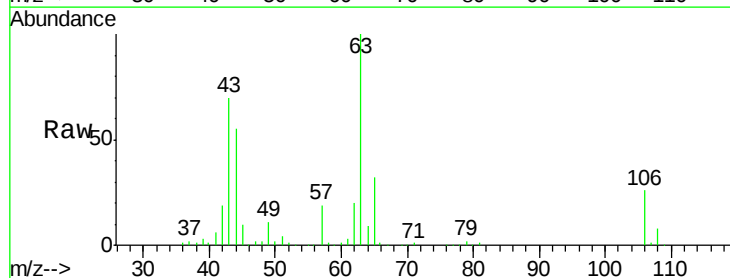
Manual Integrations
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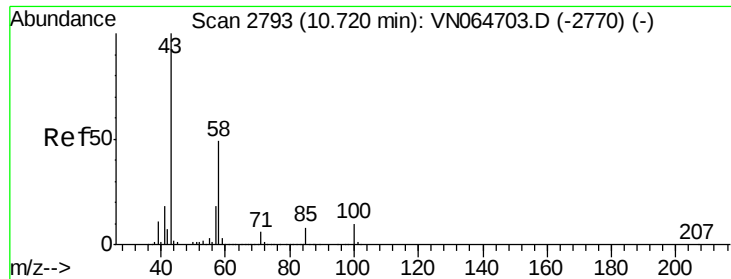
MMDadoda
 11/24/2020 3:11:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.556 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion: 63 Resp: 234107
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.9 31.3





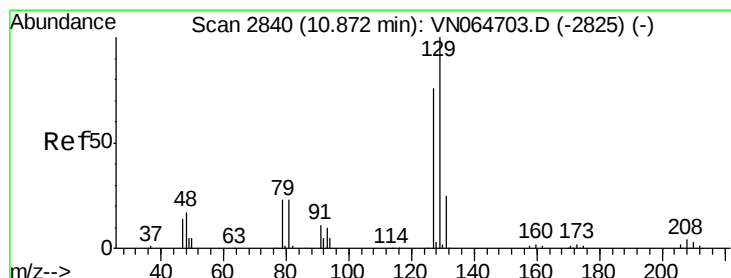
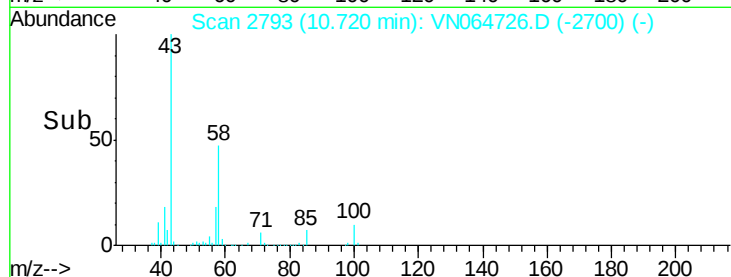
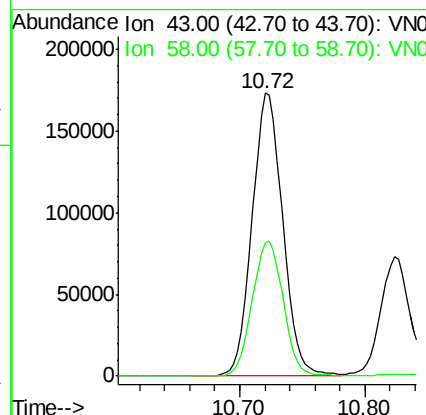
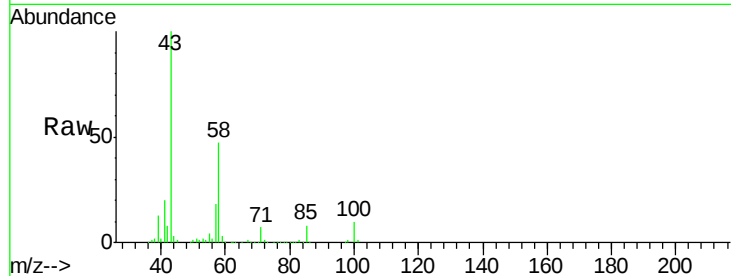
#59
2-Hexanone
Concen: 93.980 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.4	24.4	73.4

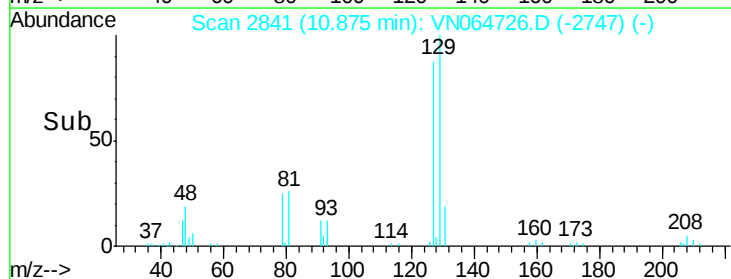
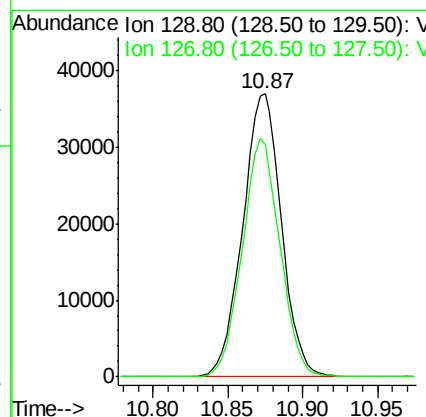
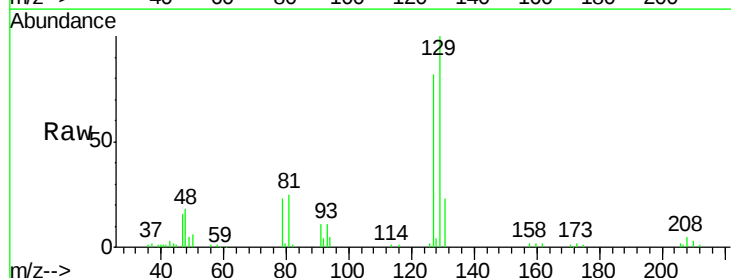
Manual Integrations
APPROVED

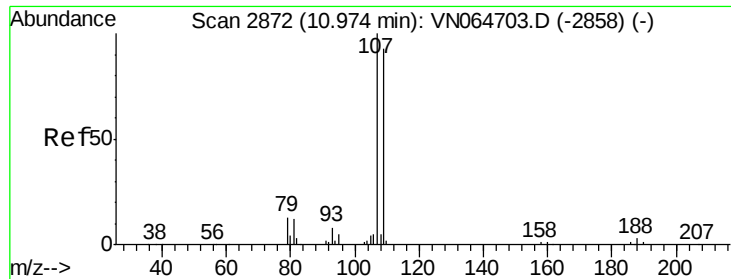
MMDadoda
11/24/2020 3:11:15 PM



#60
Dibromochloromethane
Concen: 18.227 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
129	100		
127	82.0	38.8	116.4





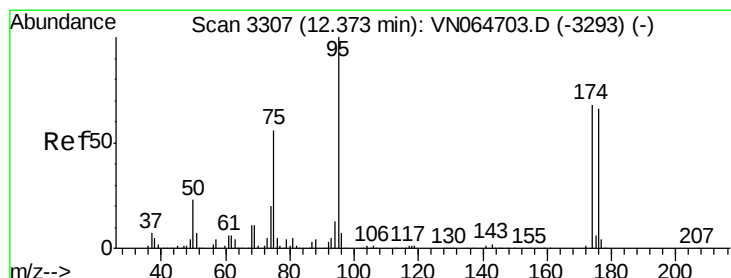
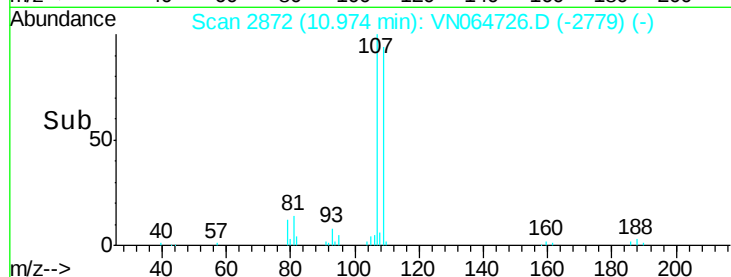
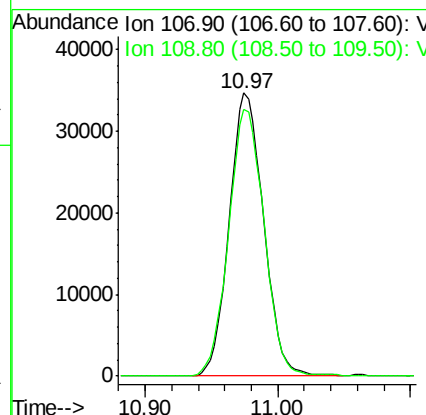
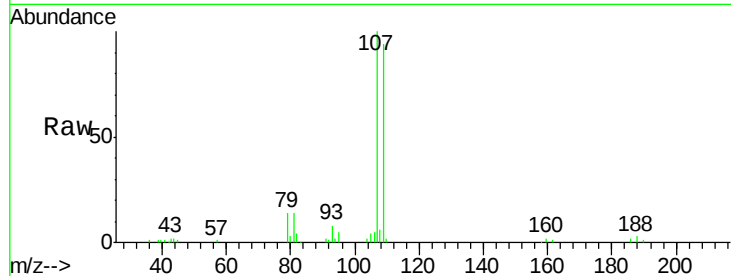
#61
 1,2-Dibromoethane
 Concen: 18.526 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.1	74.2	111.4

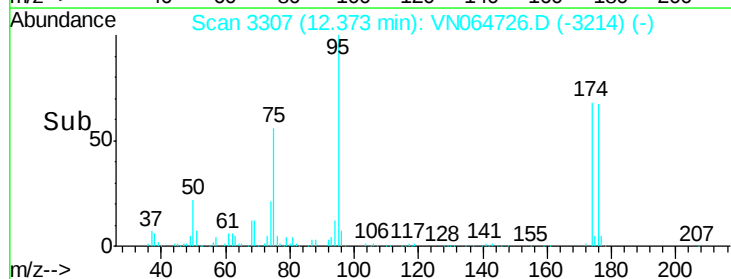
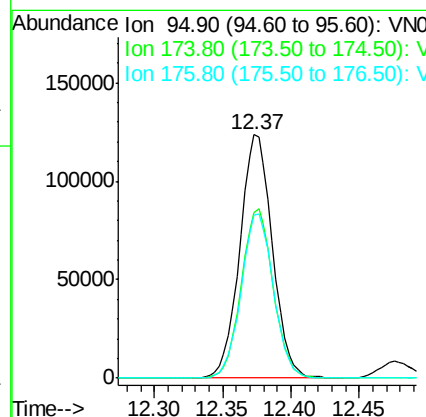
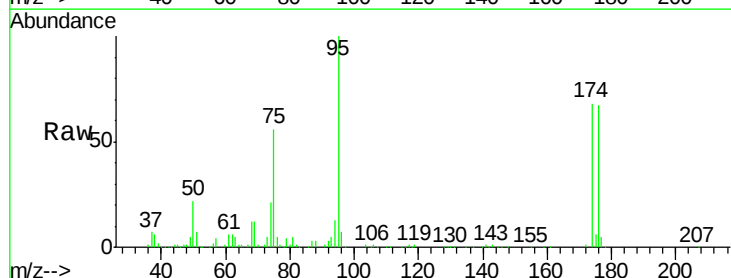
Manual Integrations
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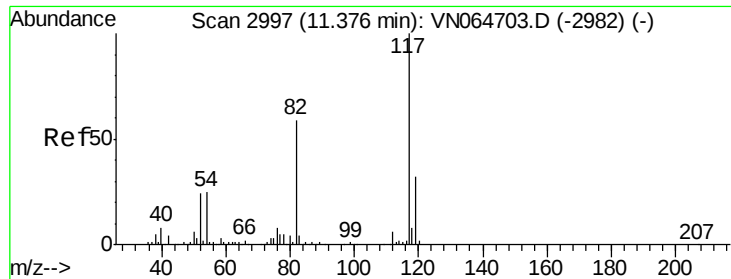
MMDadoda
 11/24/2020 3:11:15 PM



#62
 4-Bromofluorobenzene
 Concen: 47.458 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	136.8
176	66.9	0.0	134.2





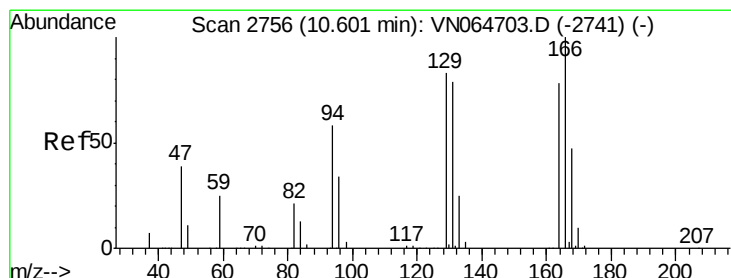
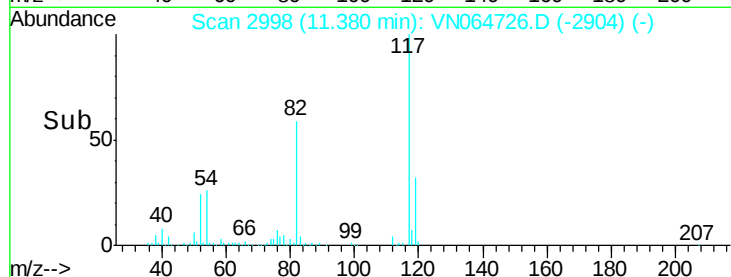
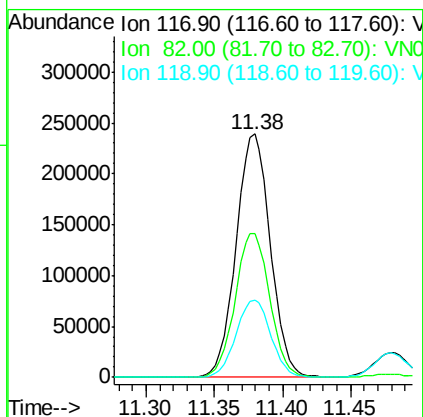
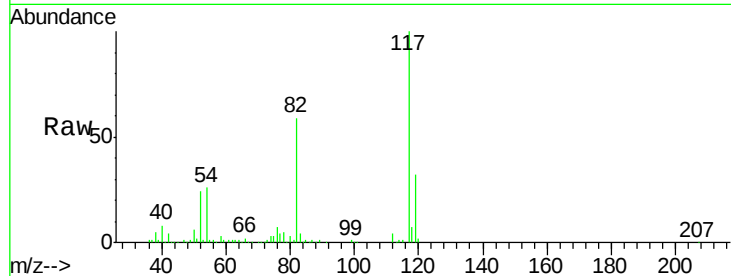
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.0	70.6
119	31.9	25.4	38.2

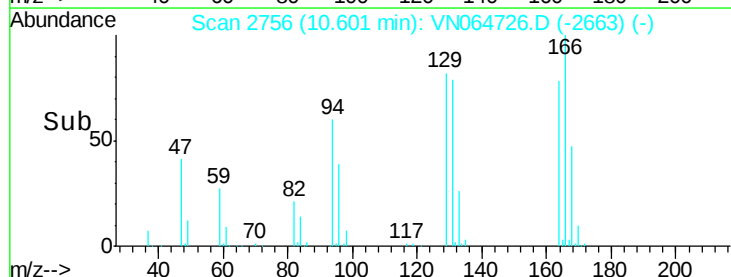
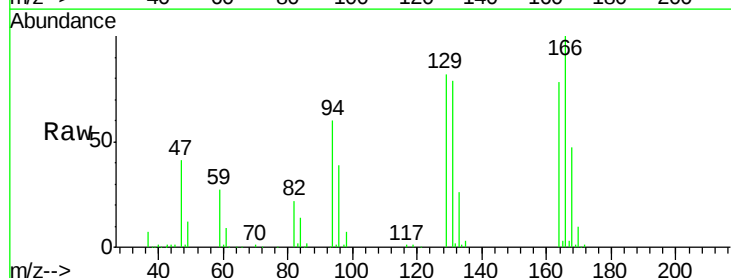
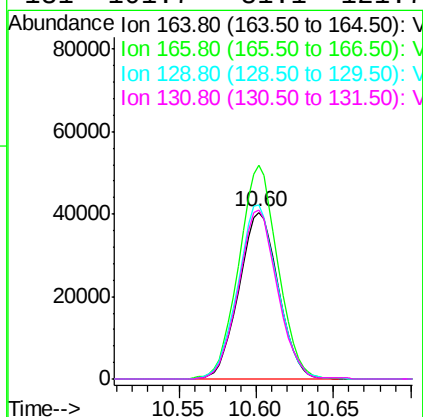
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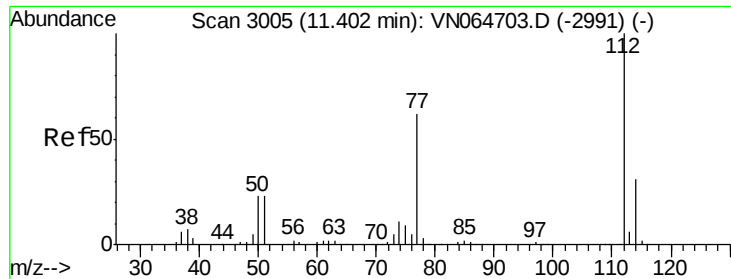
MMDadoda
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#64
Tetrachloroethene
Concen: 19.352 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	102.2	153.4
129	104.4	84.7	127.1
131	101.7	81.1	121.7





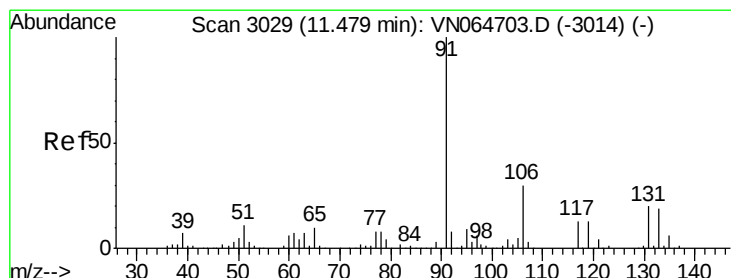
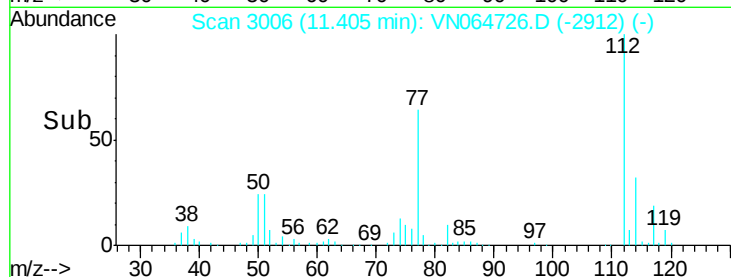
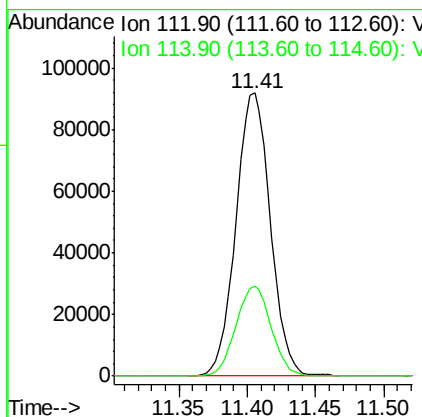
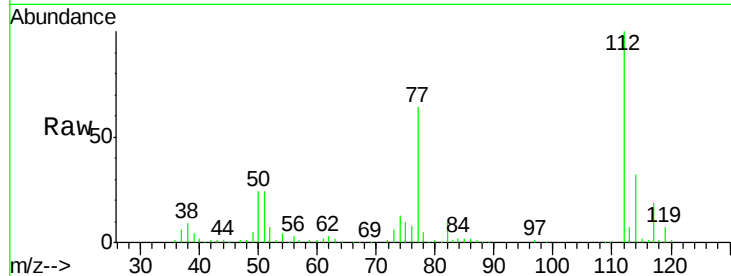
#65
Chlorobenzene
Concen: 18.194 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion:112 Resp: 161469
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1

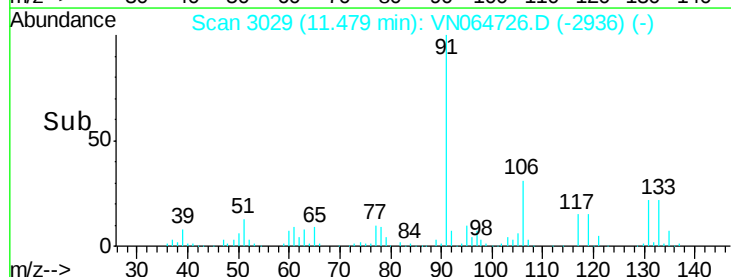
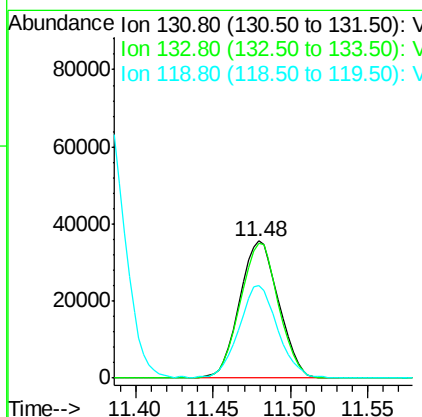
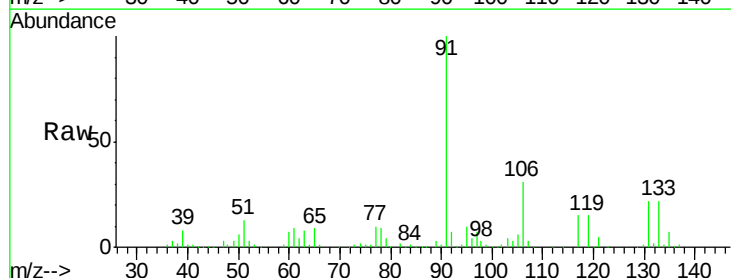
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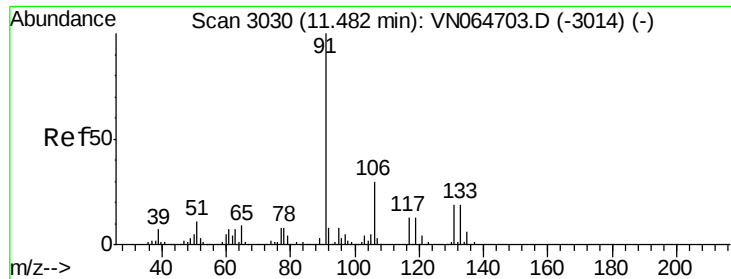
MMDadoda
11/24/2020 3:11:15 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.873 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion:131 Resp: 62583
Ion Ratio Lower Upper
131 100
133 96.5 48.8 146.4
119 67.2 33.5 100.4





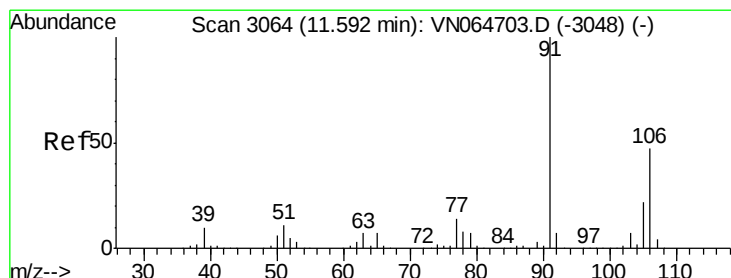
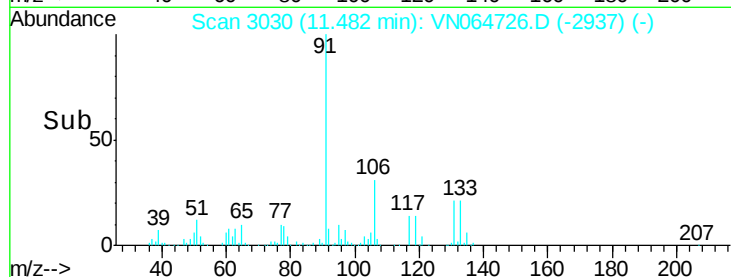
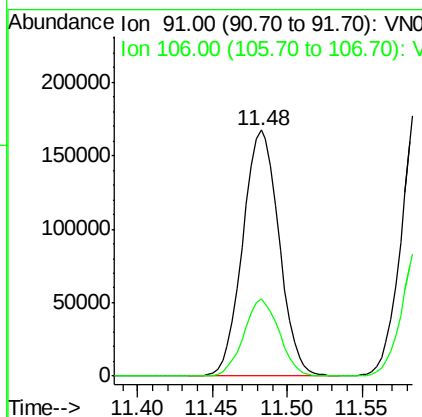
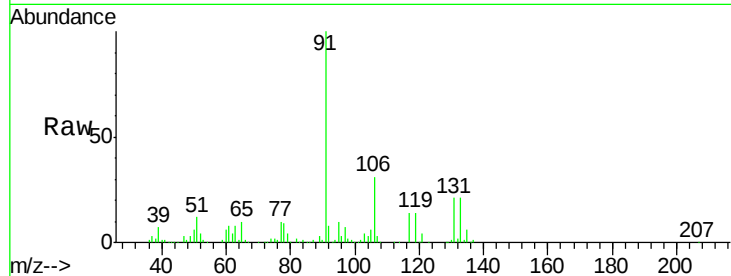
#67
Ethyl Benzene
Concen: 18.061 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 91 Resp: 282615
Ion Ratio Lower Upper
91 100
106 31.3 23.9 35.9

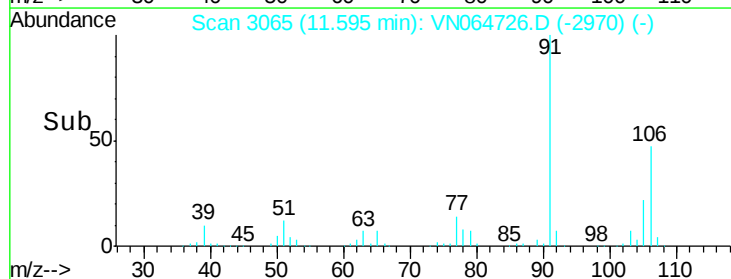
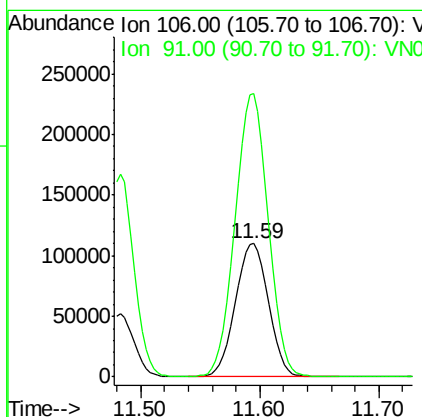
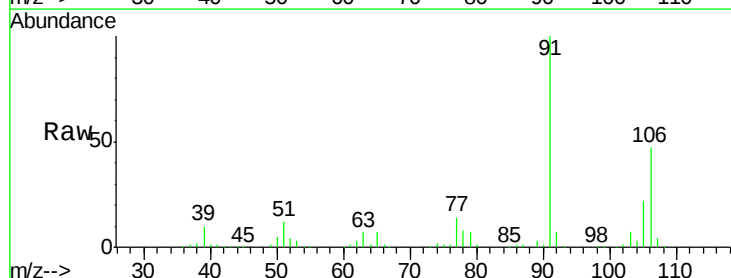
Manual Integrations
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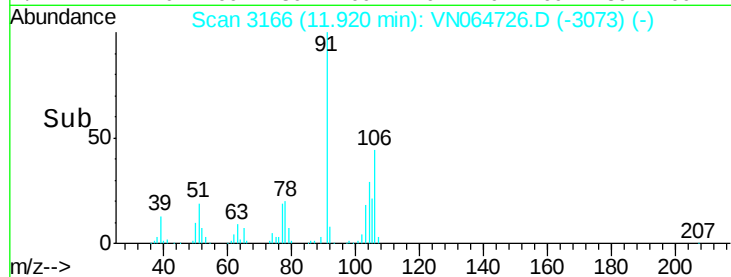
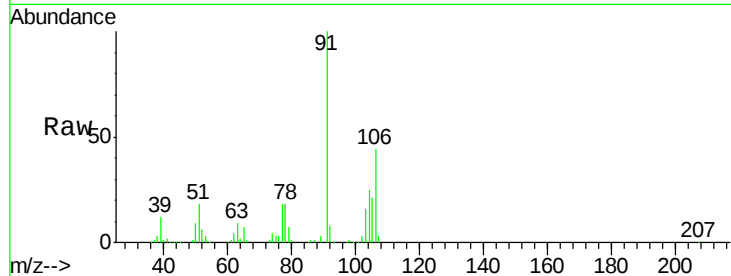
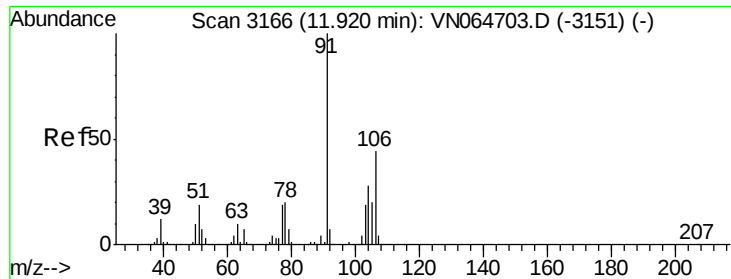
MMDadoda
11/24/2020 3:11:15 PM



#68
m/p-Xylenes
Concen: 36.147 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion: 106 Resp: 212497
Ion Ratio Lower Upper
106 100
91 210.9 171.9 257.9





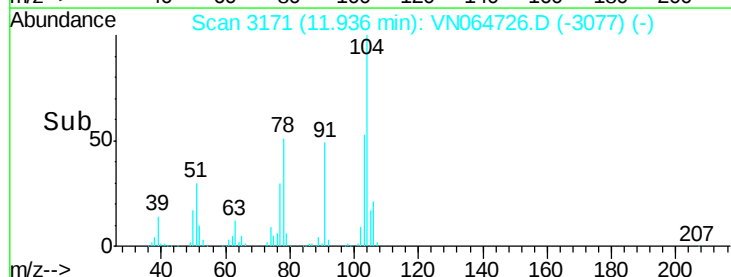
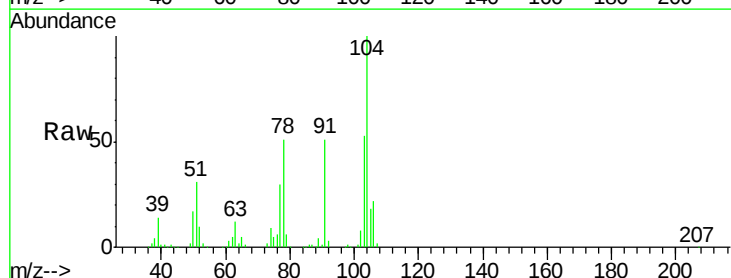
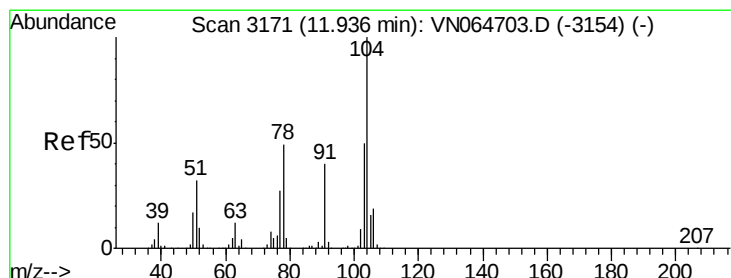
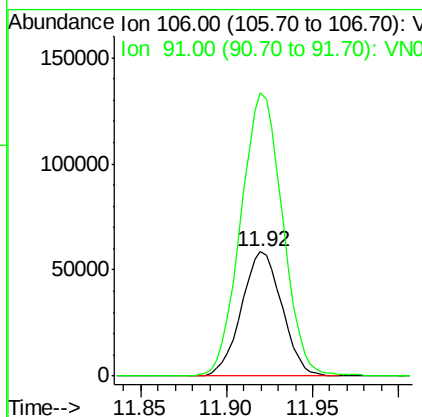
#69
o-Xylene
Concen: 17.554 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tot Ion:106 Resp: 95828
Ion Ratio Lower Upper
106 100
91 235.6 112.1 336.3

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

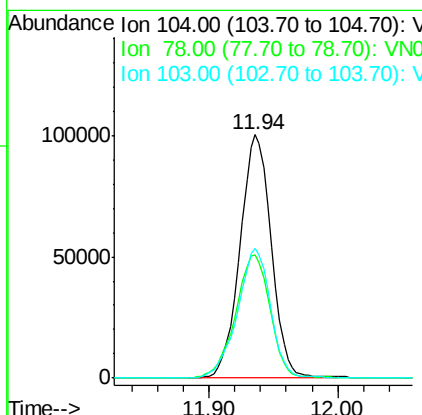
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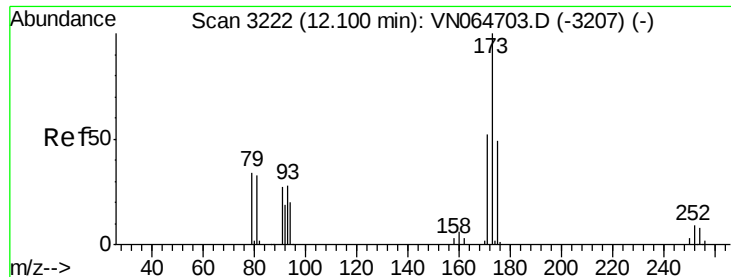
MMDadoda
11/24/2020 3:11:15 PM



#70
Styrene
Concen: 17.663 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion:104 Resp: 169657
Ion Ratio Lower Upper
104 100
78 55.9 44.1 66.1
103 56.2 43.7 65.5





#71

Bromoform

Concen: 18.188 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

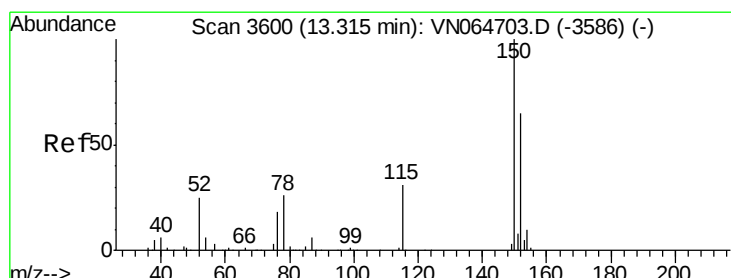
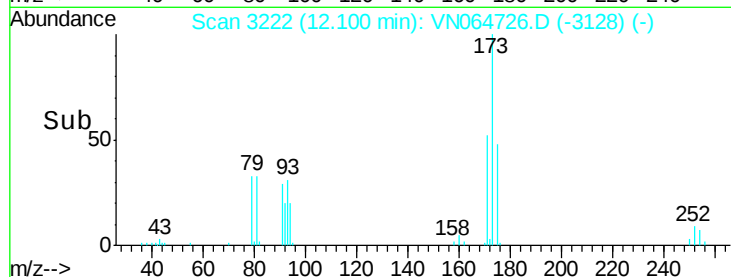
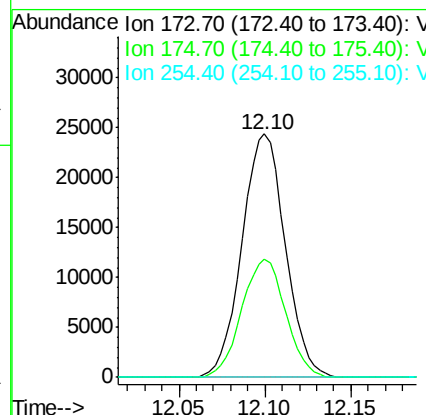
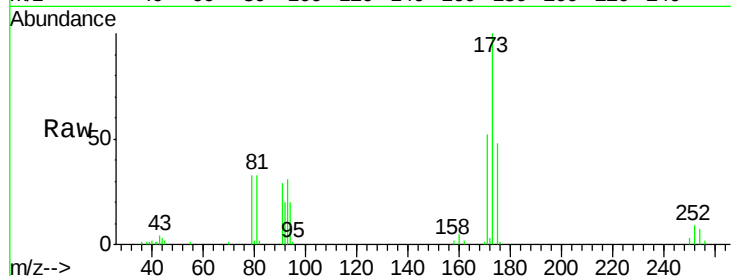
ClientSampleId :

VN1119WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.9
254	0.0	0.1	0.1#

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11/24/2020 3:11:15 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

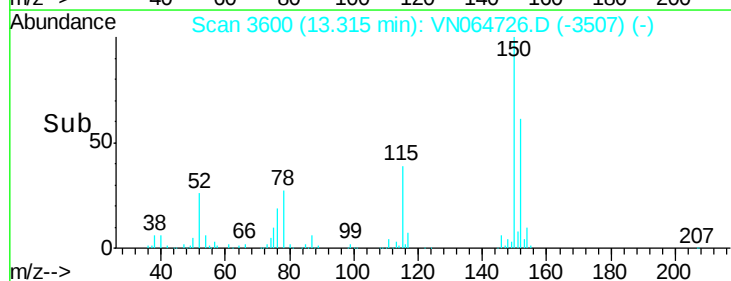
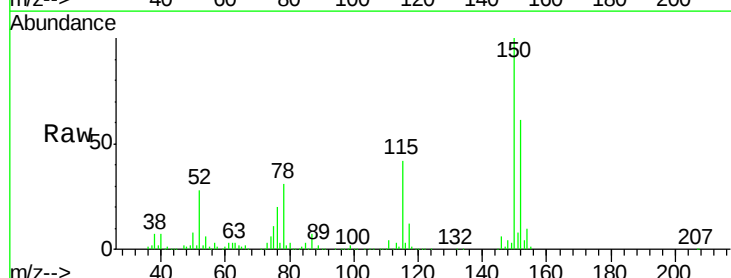
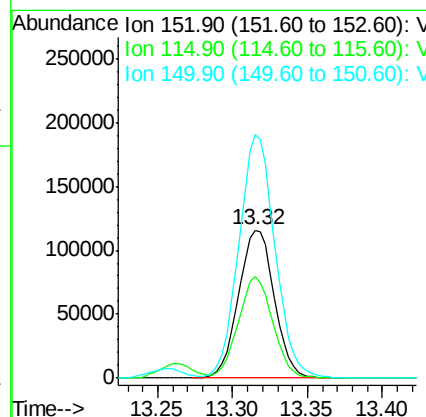
RT: 13.32 min Scan# 3600

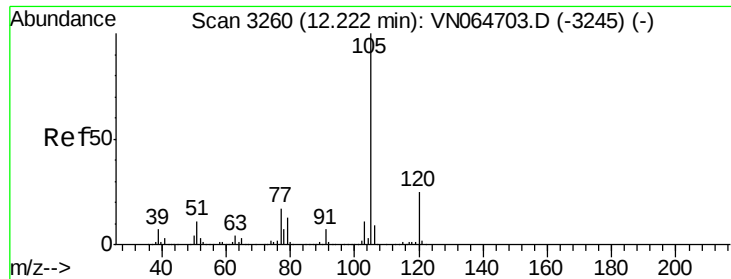
Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	32.1	96.3
150	166.1	0.0	344.8





#73

Isopropylbenzene

Concen: 18.532 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 105 Resp: 253829

Ion Ratio Lower Upper

105 100

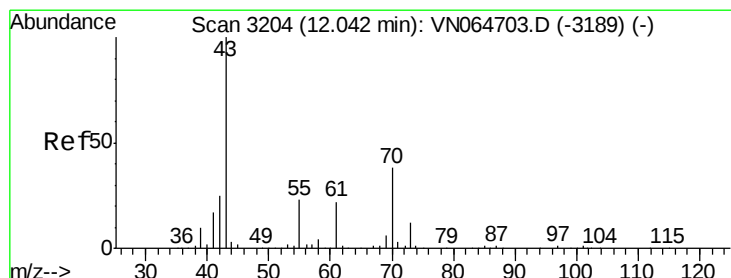
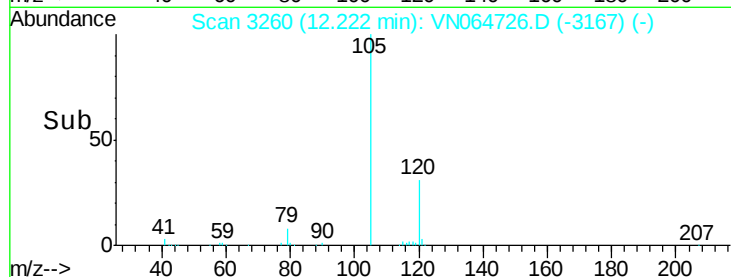
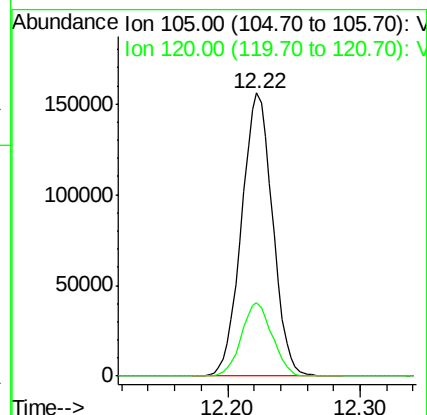
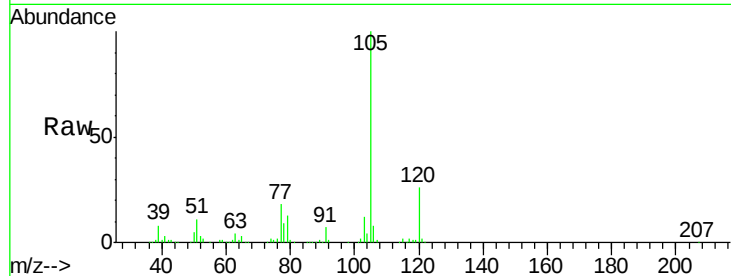
120 25.7 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.647 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion: 43 Resp: 119277

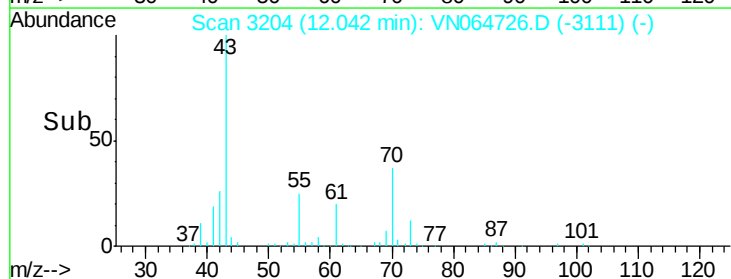
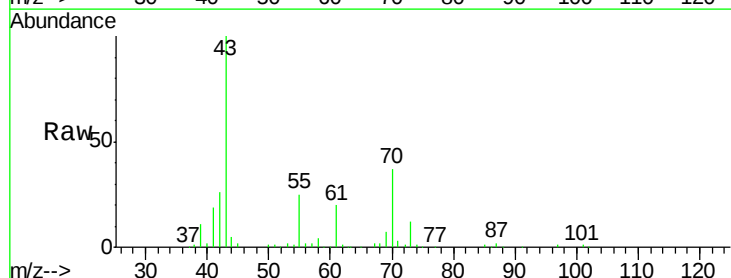
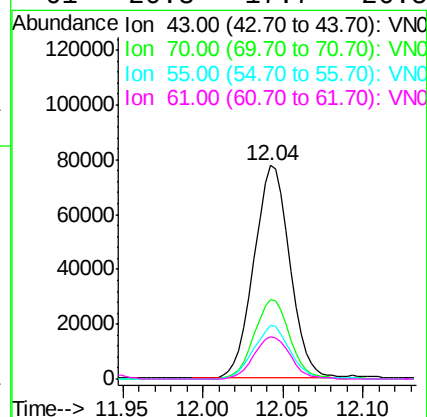
Ion Ratio Lower Upper

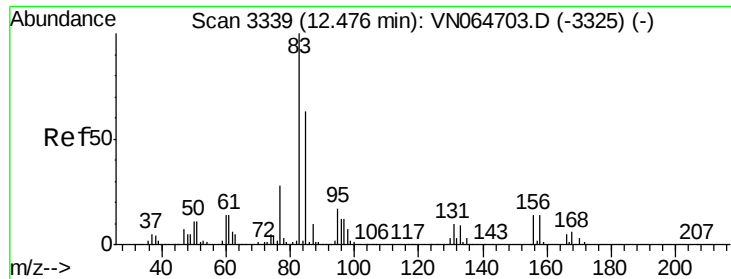
43 100

70 37.3 30.3 45.5

55 25.5 18.9 28.3

61 20.3 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.395 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

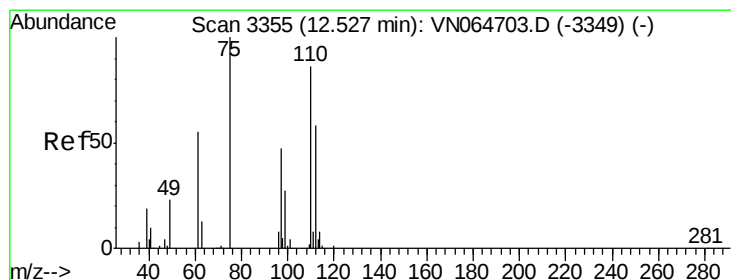
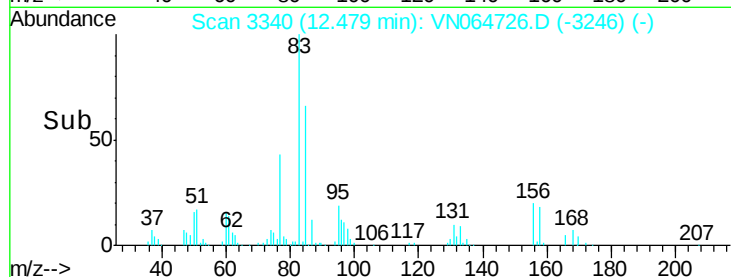
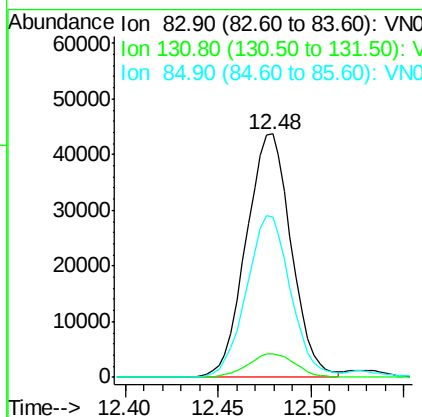
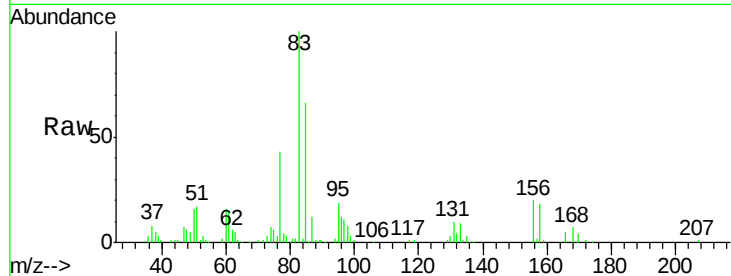
ClientSampleId :

VN1119WBS01

Tot Ion:	83	Resp:	74268
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	65.4	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 20.141 ug/l m

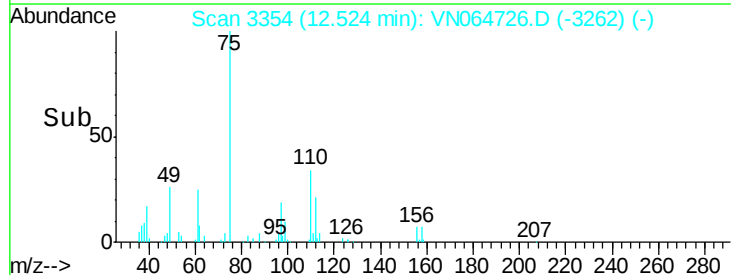
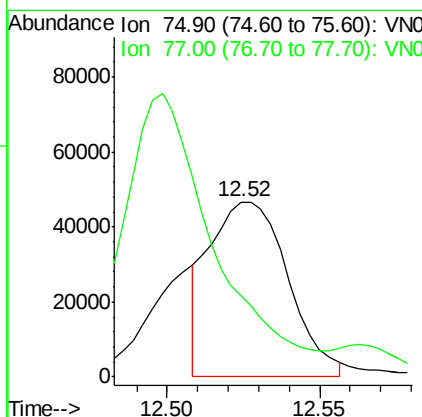
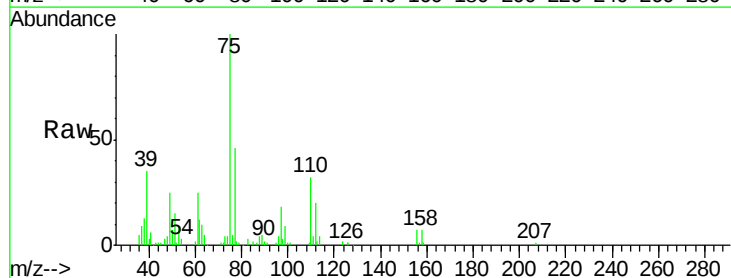
RT: 12.52 min Scan# 3354

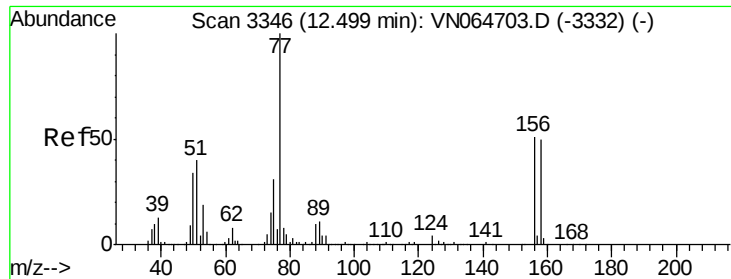
Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion:	75	Resp:	83717
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.623 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

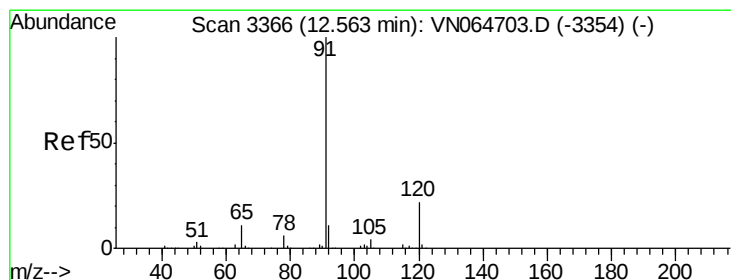
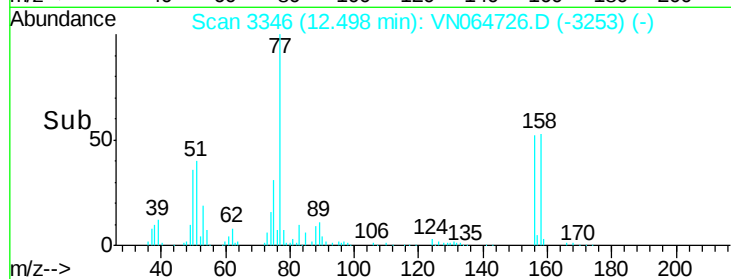
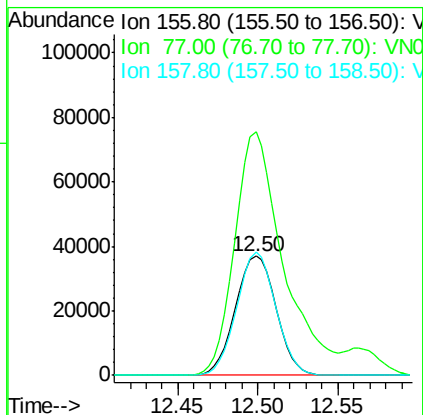
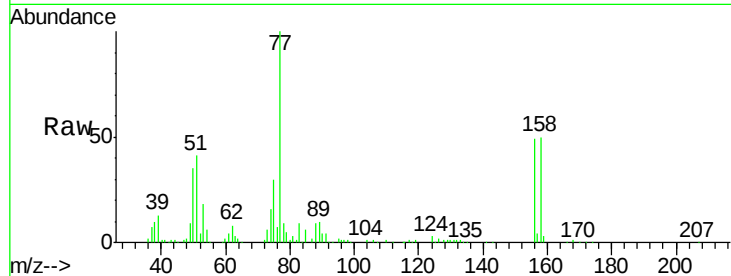
ClientSampleId :

VN1119WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	243.3	117.3	351.9	
158	98.6	49.0	147.2	

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#78

n-propylbenzene

Concen: 19.410 ug/l

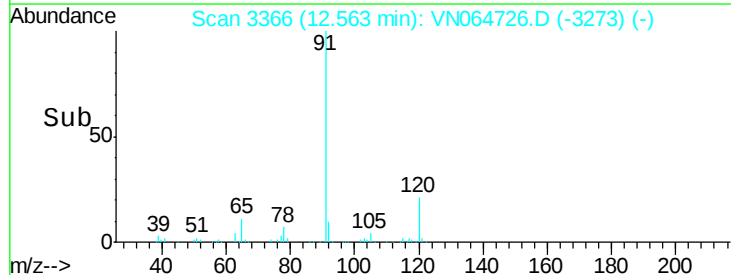
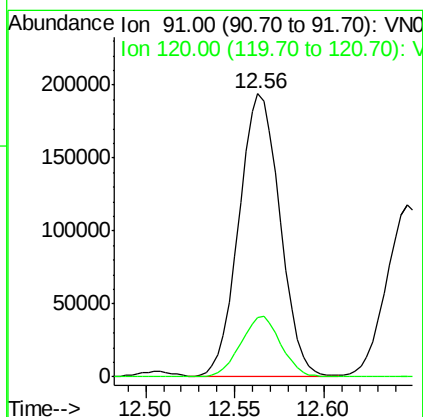
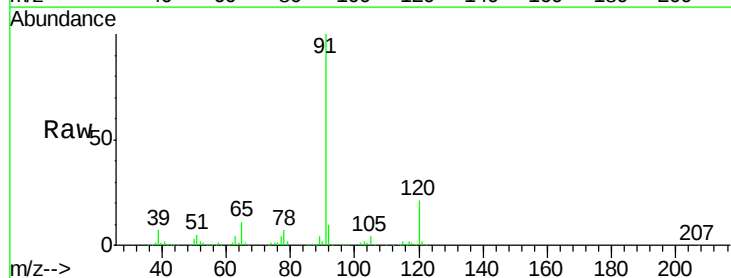
RT: 12.56 min Scan# 3366

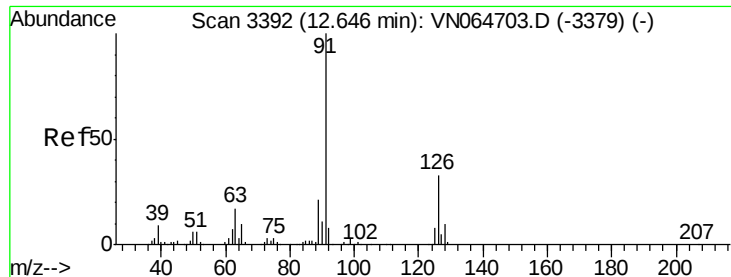
Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	20.9	10.9	32.9	





#79

2-Chlorotoluene

Concen: 18.922 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 91 Resp: 193175

Ion Ratio Lower Upper

91 100

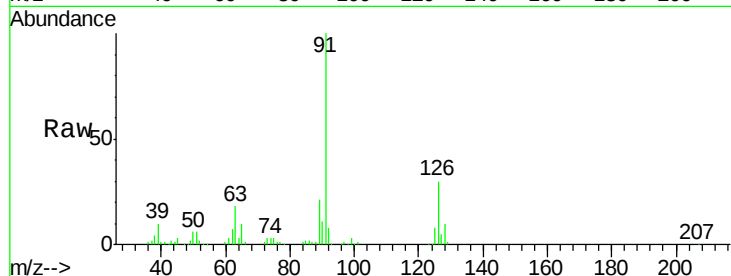
126 31.6 16.0 48.0

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Abundance Ion 91.00 (90.70 to 91.70): VN064726.D (-3299) (-)

Ion 125.90 (125.60 to 126.60): VN064726.D (-3299) (-)

150000

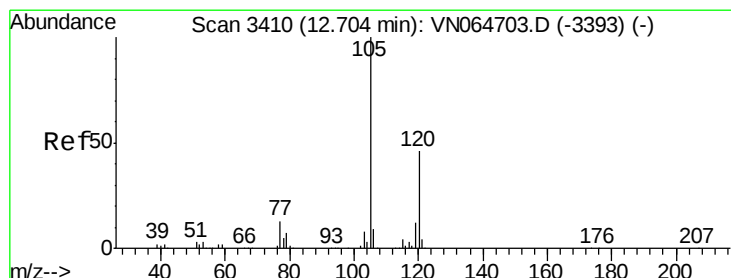
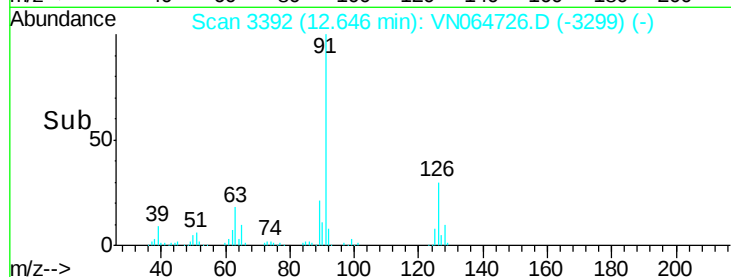
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.162 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064726.D

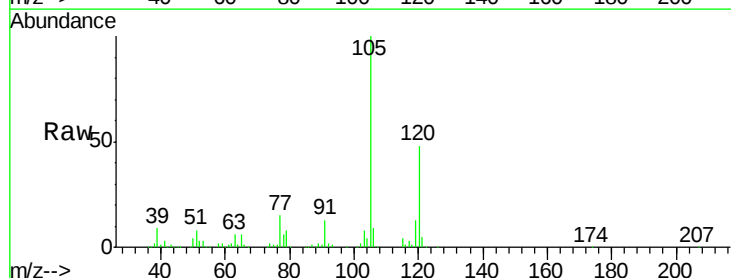
Acq: 19 Nov 2020 12:19

Tgt Ion: 105 Resp: 218024

Ion Ratio Lower Upper

105 100

120 46.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064726.D (-3317) (-)

Ion 120.00 (119.70 to 120.70): VN064726.D (-3317) (-)

150000

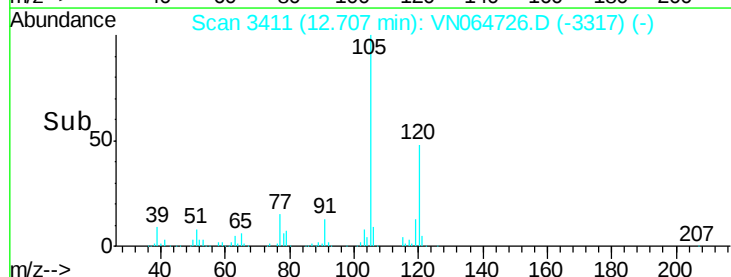
100000

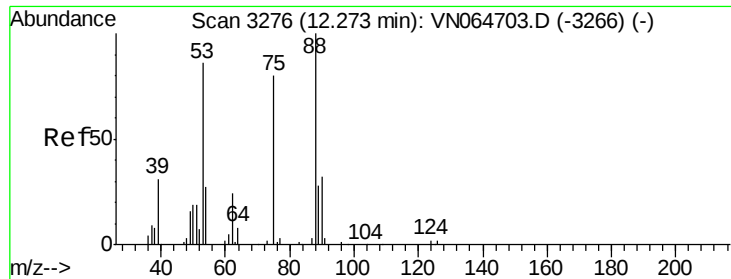
50000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.745 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

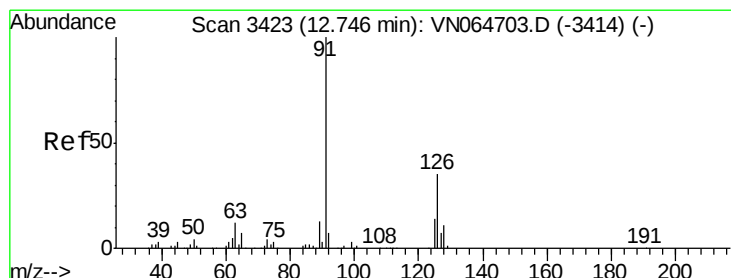
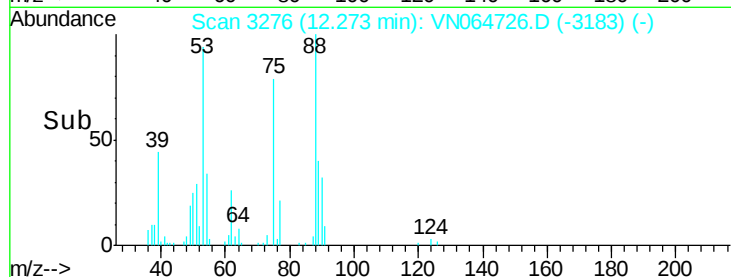
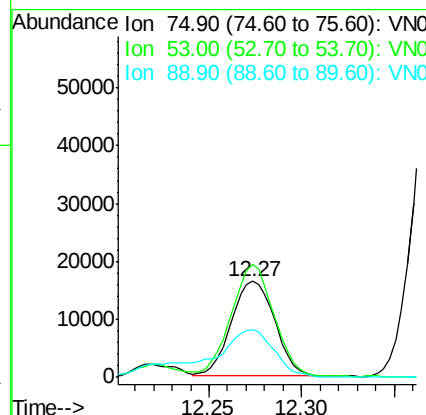
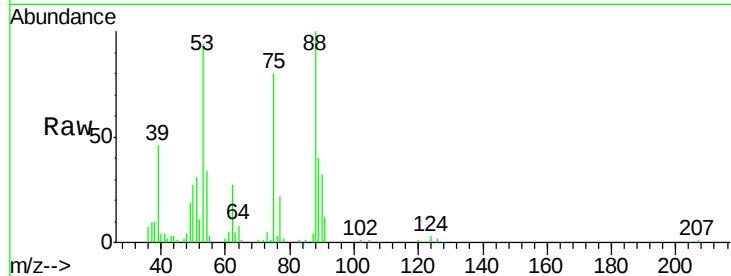
ClientSampleId :

VN1119WBS01

Tot Ion:	75	Resp:	26980
Ion Ratio	Lower	Upper	
75	100		
53	118.9	88.8	133.2
89	78.5	43.1	64.7#

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#82

4-Chlorotoluene

Concen: 18.944 ug/l

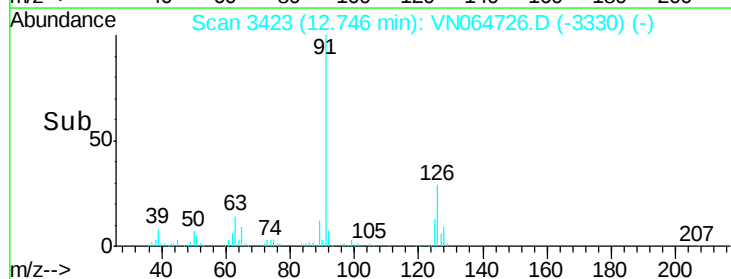
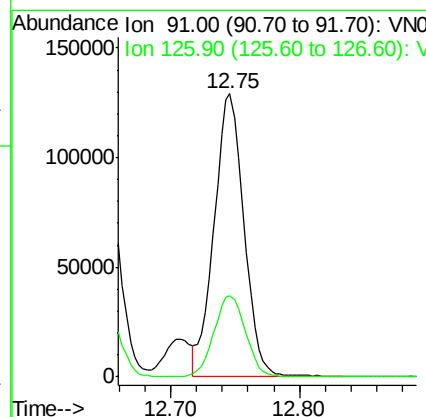
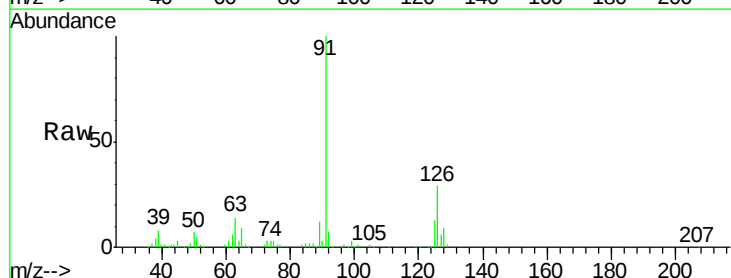
RT: 12.75 min Scan# 3423

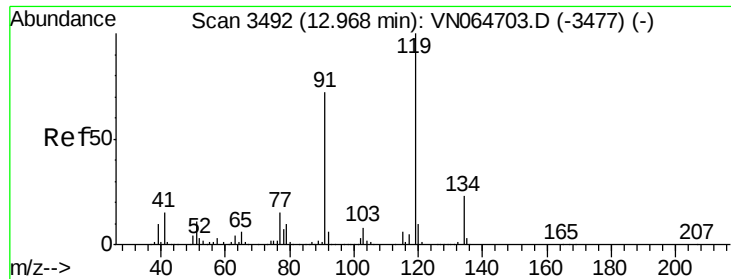
Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion:	91	Resp:	206220
Ion Ratio	Lower	Upper	
91	100		
126	30.7	15.9	47.7





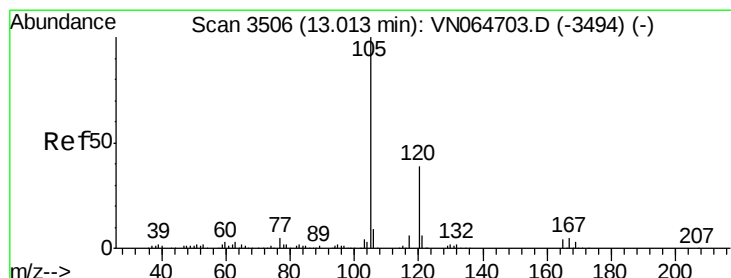
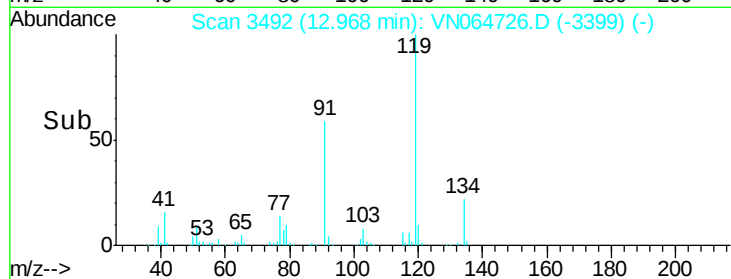
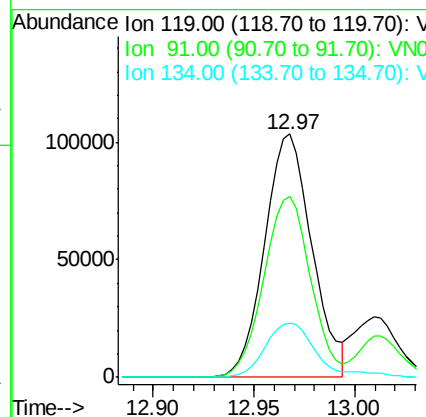
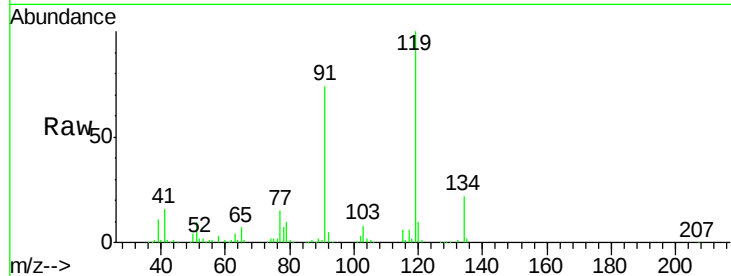
#83
 tert-Butylbenzene
 Concen: 19.220 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	169176		
91	73.5	35.8	107.4	
134	24.3	12.0	36.1	

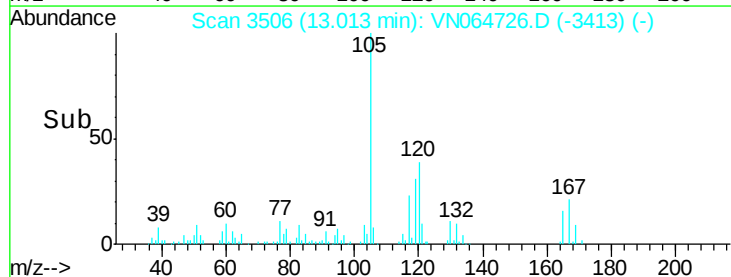
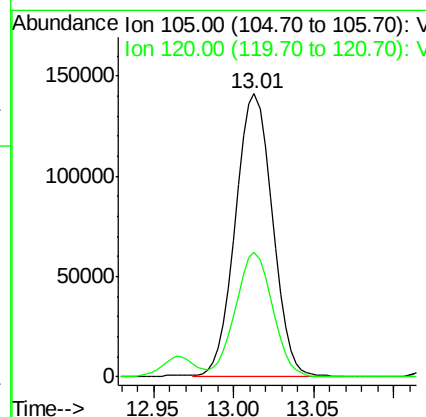
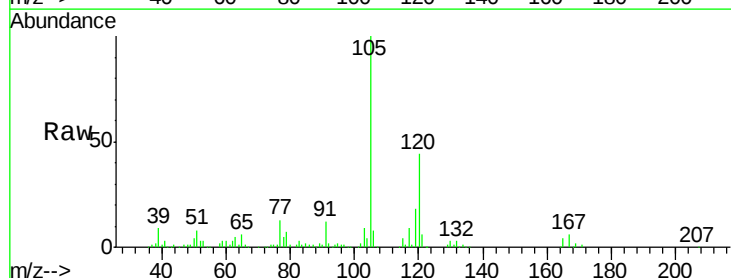
Manual Integrations
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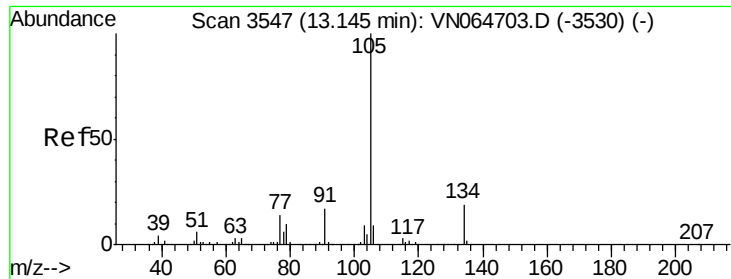
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.039 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	221085		
120	44.5	22.0	66.0	





#85

sec-Butylbenzene

Concen: 19.022 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion:105 Resp: 223166

Ion Ratio Lower Upper

105 100

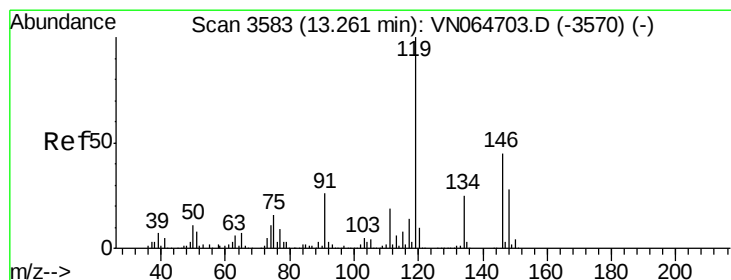
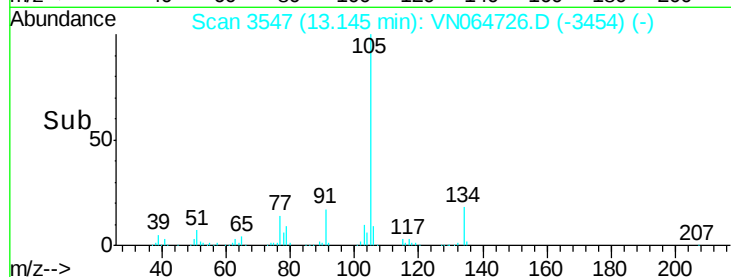
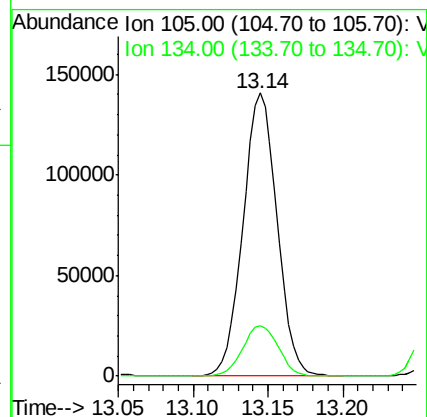
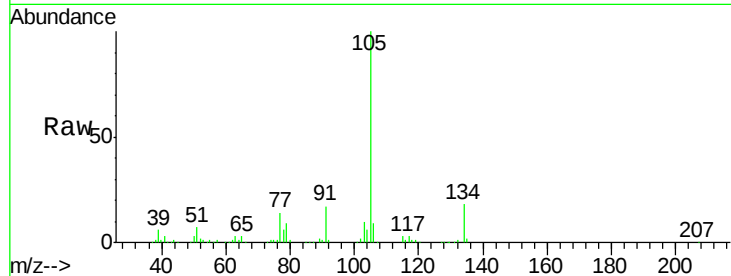
134 18.6 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 18.211 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

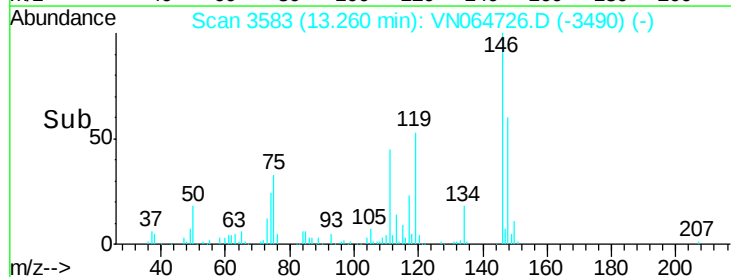
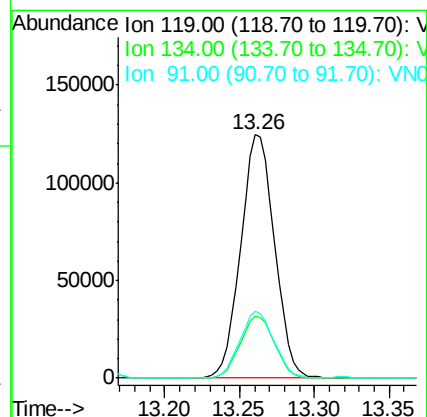
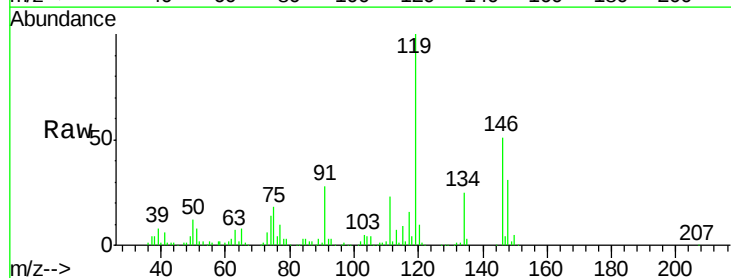
Tgt Ion:119 Resp: 196491

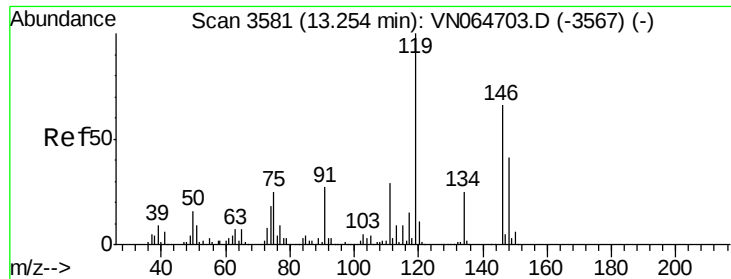
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

91 27.7 13.3 39.8





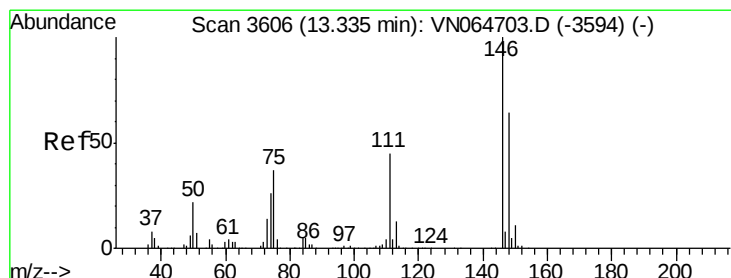
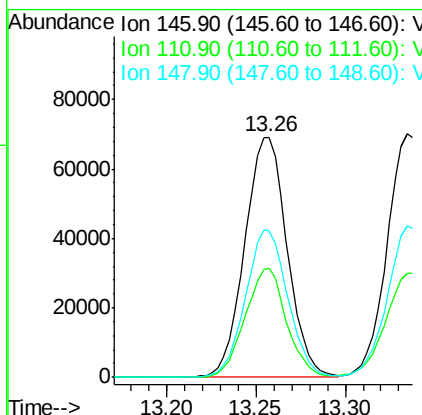
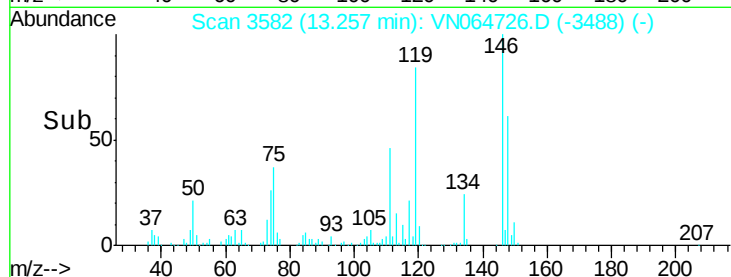
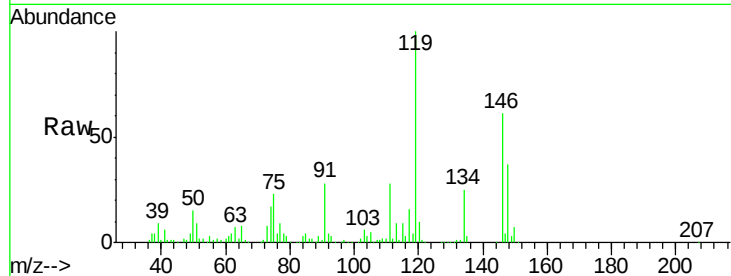
#87
 1,3-Dichlorobenzene
 Concen: 18.224 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.8	65.4
148	61.3	31.5	94.5

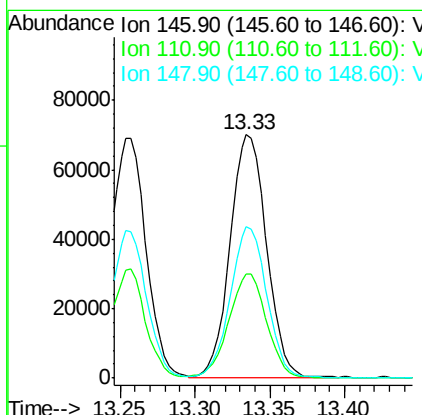
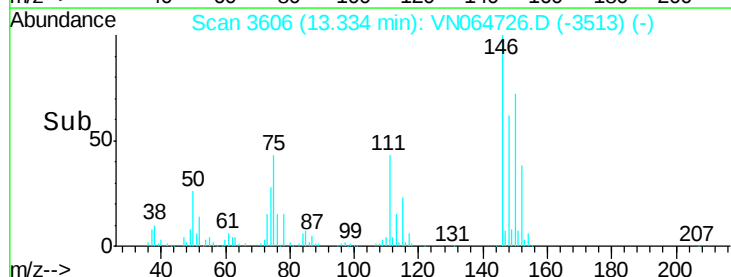
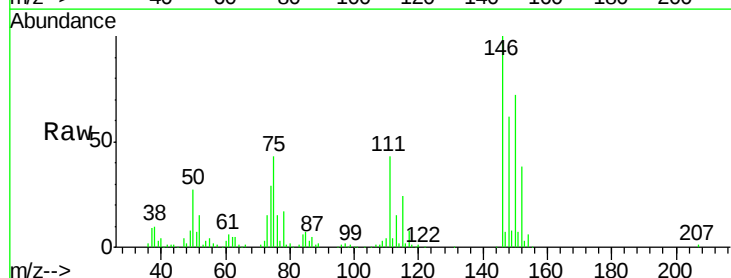
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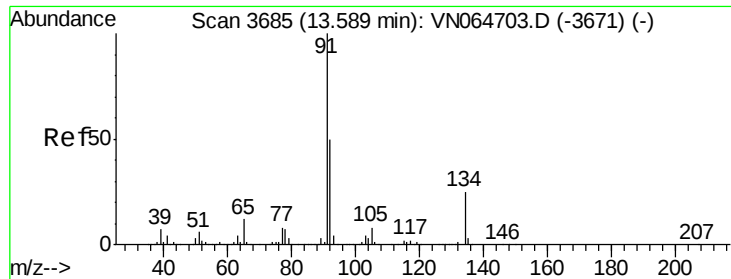
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#88
 1,4-Dichlorobenzene
 Concen: 18.283 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.3	66.8
148	63.3	31.6	94.7





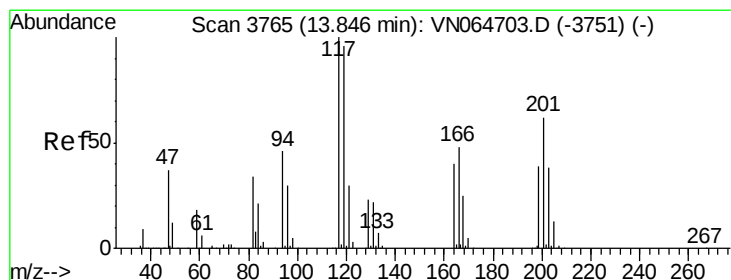
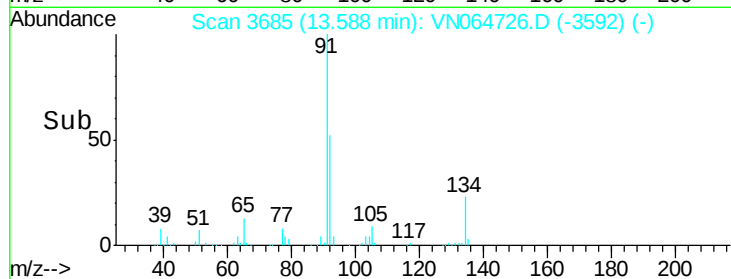
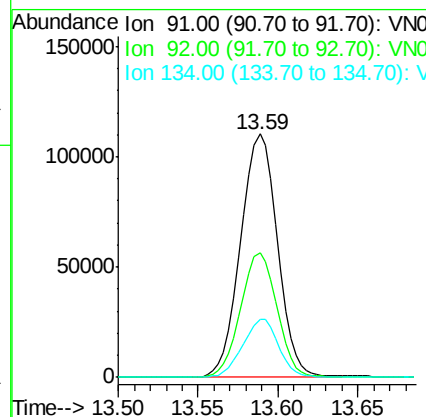
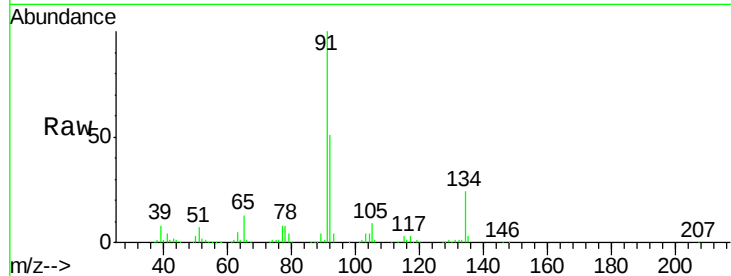
#89
n-Butylbenzene
Concen: 17.219 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	24.9	74.8
134	23.1	12.0	36.0

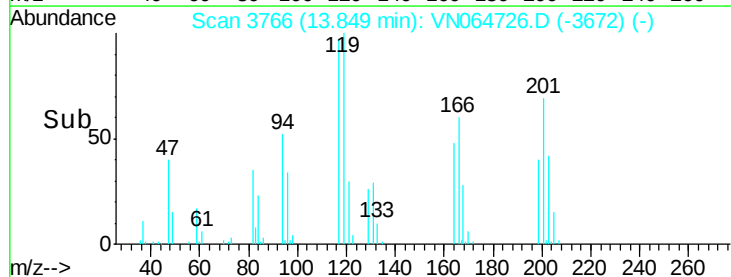
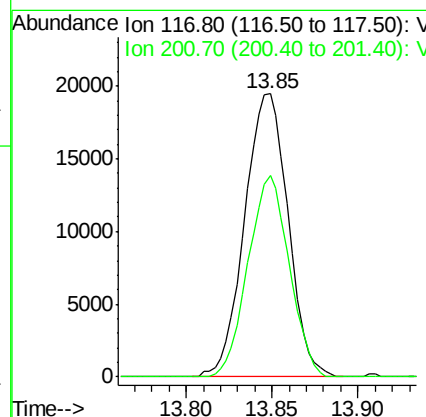
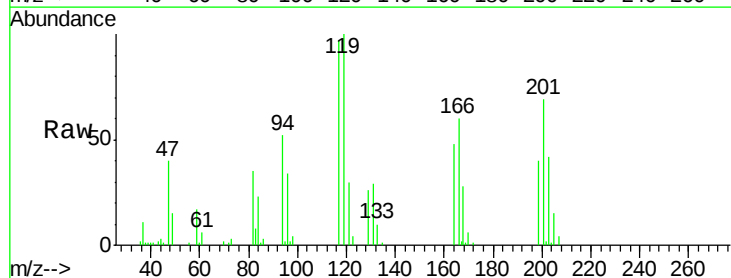
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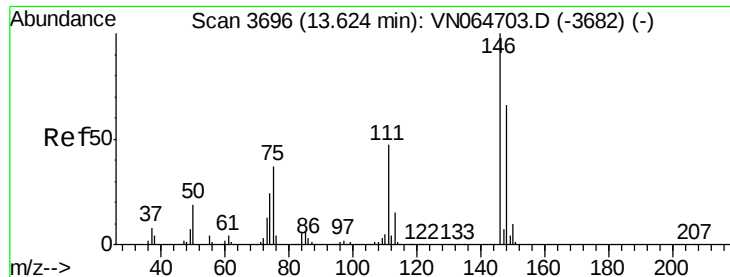
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#90
Hexachloroethane
Concen: 19.111 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.4	31.9	95.5





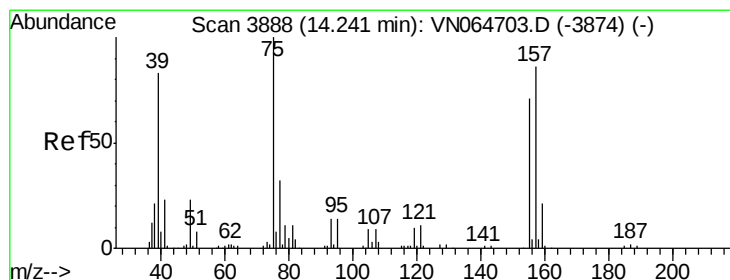
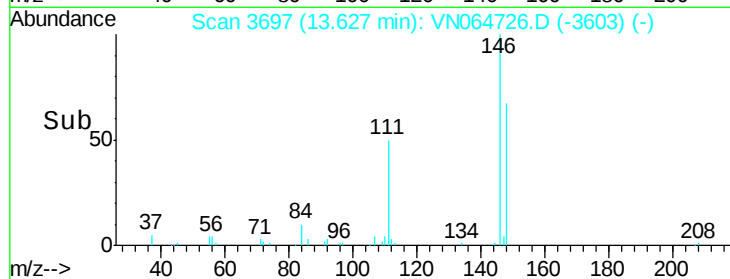
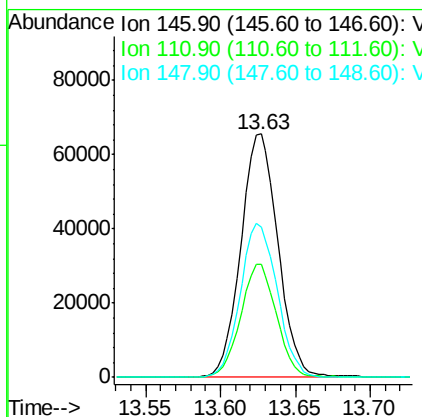
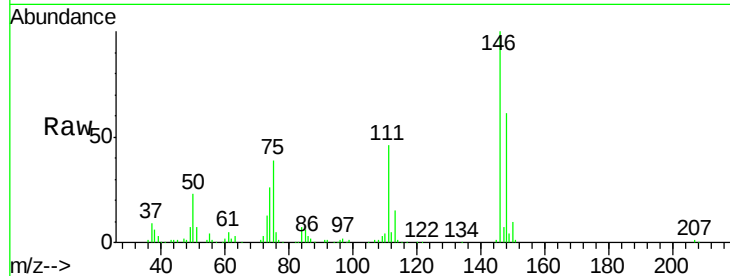
#91
 1,2-Dichlorobenzene
 Concen: 18.406 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	23.1	69.3
148	62.9	32.2	96.6

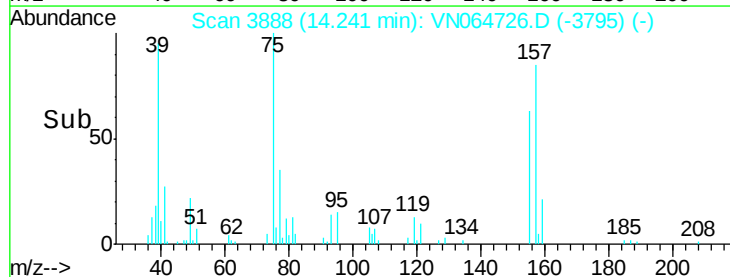
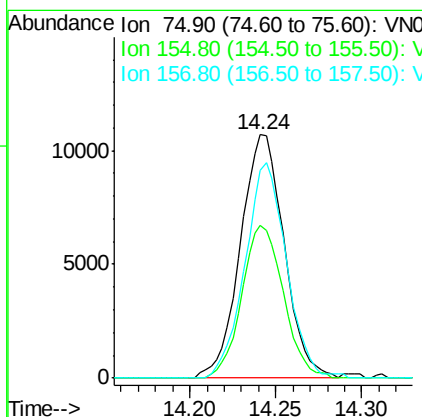
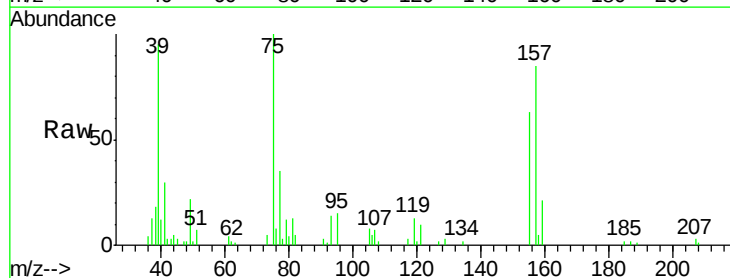
Manual Integrations
 APPROVED

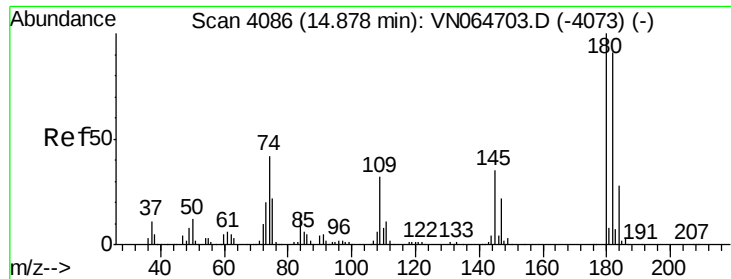
MMDadoda
 11/24/2020 3:11:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.789 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064726.D
 Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	59.6	33.6	100.6
157	83.9	42.4	127.2





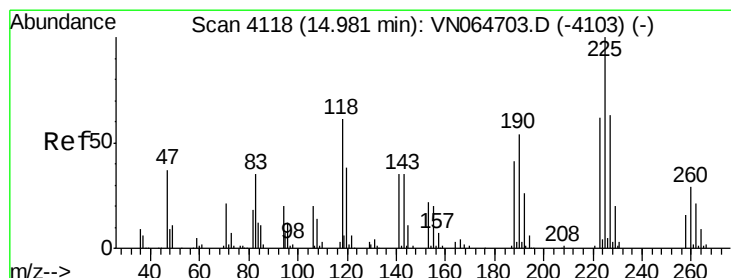
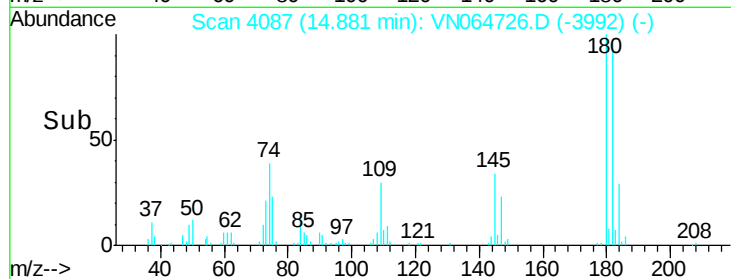
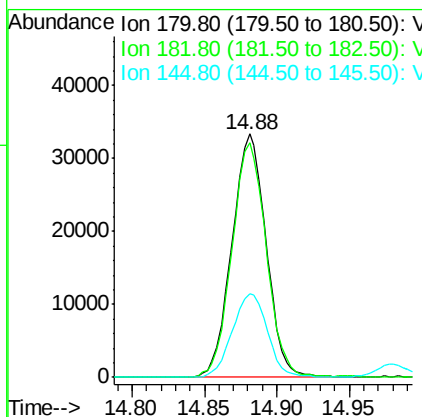
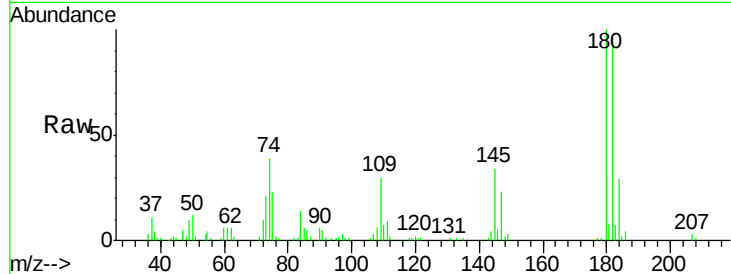
#93
1,2,4-Trichlorobenzene
Concen: 17.207 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	141.8
145	35.2	17.5	52.5

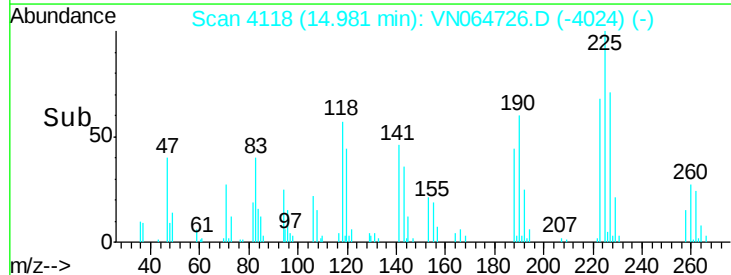
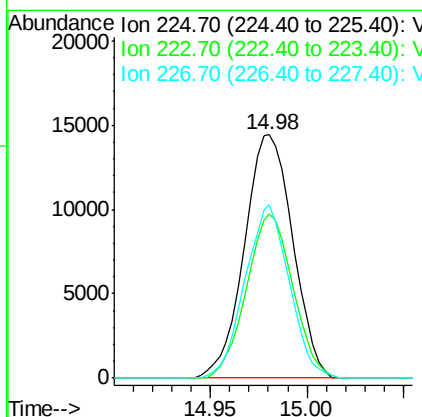
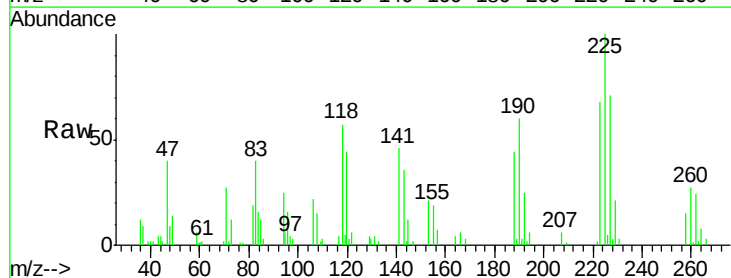
Manual Integrations
APPROVED

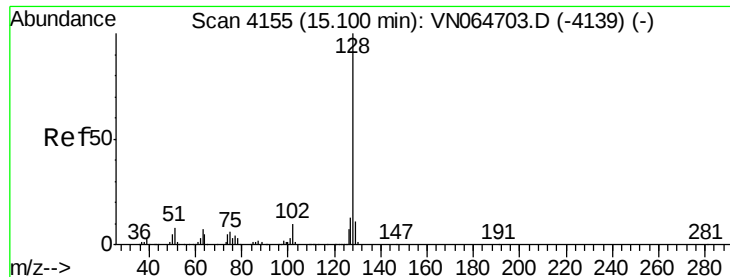
MMDadoda
11/24/2020 3:11:15 PM



#94
Hexachlorobutadiene
Concen: 17.992 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN064726.D
Acq: 19 Nov 2020 12:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.2	93.6
227	65.1	32.1	96.3





#95

Naphthalene

Concen: 16.331 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Instrument :

MSVOA_N

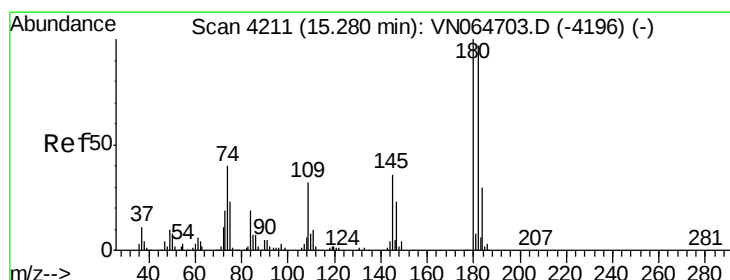
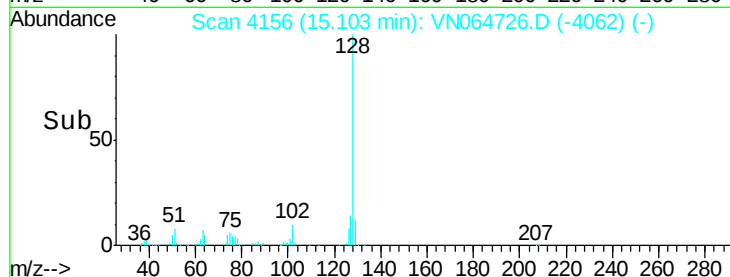
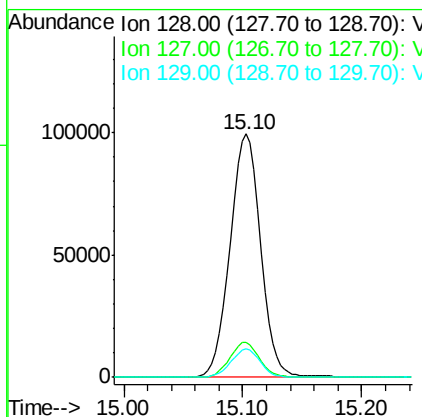
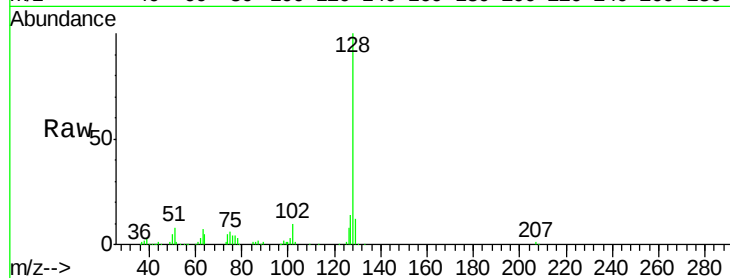
ClientSampleId :

VN1119WBS01

Tot Ion:	128	Resp:	177071
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.8	16.2
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:11:15 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.287 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064726.D

Acq: 19 Nov 2020 12:19

Tgt Ion:	180	Resp:	53866
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.5	142.5
145	33.7	18.1	54.1

