

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064708.D
 Acq On : 18 Nov 2020 15:31
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:10:31 PM

Quant Time: Nov 18 18:02:54 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	296634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	508310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	479305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232391	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	238976	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
35) Dibromofluoromethane	7.55	113	128311	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
50) Toluene-d8	10.05	98	621776	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	12.37	95	237480	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	176890	47.725	ug/l	98
3) Chloromethane	2.04	50	187402	45.724	ug/l	99
4) Vinyl Chloride	2.17	62	203230	47.522	ug/l	100
5) Bromomethane	2.54	94	150877	48.111	ug/l	95
6) Chloroethane	2.68	64	136263	47.224	ug/l	96
7) Trichlorofluoromethane	2.99	101	381873	49.856	ug/l	97
8) Diethyl Ether	3.37	74	117680	47.617	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	168765	50.985	ug/l	98
10) Methyl Iodide	3.91	142	194519	49.162	ug/l	100
11) Tert butyl alcohol	4.73	59	126067	249.018	ug/l	97
12) 1,1-Dichloroethene	3.69	96	157550	49.402	ug/l	100
13) Acrolein	3.56	56	18134	152.995	ug/l	99
14) Allyl chloride	4.27	41	280209	51.171	ug/l	99
15) Acrylonitrile	4.93	53	363190	244.318	ug/l	99
16) Acetone	3.77	43	288285	228.773	ug/l	99
17) Carbon Disulfide	4.00	76	459690	49.566	ug/l	99
18) Methyl Acetate	4.27	43	170404	44.646	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	547903	51.344	ug/l	99
20) Methylene Chloride	4.50	84	183250	47.423	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	173775	48.834	ug/l	97
22) Diisopropyl ether	5.90	45	609657	52.719	ug/l	99
23) Vinyl Acetate	5.84	43	2463860	264.002	ug/l	99
24) 1,1-Dichloroethane	5.79	63	339735	50.143	ug/l	98
25) 2-Butanone	6.78	43	503459	252.353	ug/l	99
26) 2,2-Dichloropropane	6.77	77	330369	51.315	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	199776	50.922	ug/l	99
28) Bromochloromethane	7.15	49	180339	52.790	ug/l	98
29) Tetrahydrofuran	7.16	42	337178	250.133	ug/l	99
30) Chloroform	7.33	83	369846	50.232	ug/l	97
31) Cyclohexane	7.61	56	274903	48.728	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	338501	50.299	ug/l	100
36) 1,1-Dichloropropene	7.75	75	273616	52.321	ug/l	100
37) Ethyl Acetate	6.87	43	231244	52.809	ug/l	99
38) Carbon Tetrachloride	7.73	117	300916	54.144	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	250316	54.021	ug/l	95
40) Benzene	8.00	78	763678	52.410	ug/l	97
41) Methacrylonitrile	7.12	41	107259	53.441	ug/l	94
42) 1,2-Dichloroethane	8.08	62	323245	51.560	ug/l	99
43) Isopropyl Acetate	8.12	43	417313	49.168	ug/l	99
44) Trichloroethene	8.79	130	214729	51.350	ug/l	98
45) 1,2-Dichloropropane	9.08	63	202355	52.100	ug/l	96
46) Dibromomethane	9.17	93	145188	52.735	ug/l	99
47) Bromodichloromethane	9.37	83	306192	52.902	ug/l	99
48) Methyl methacrylate	9.16	41	208158	51.978	ug/l	99
49) 1,4-Dioxane	9.16	88	49291	986.537	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1210747	236.646	ug/l	100
52) Toluene	10.12	92	487882	54.364	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	332886	53.740	ug/l	99
54) cis-1,3-Dichloropropene	9.80	75	345955	54.239	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	189667	52.693	ug/l	97
56) Ethyl methacrylate	10.40	69	278873	47.348	ug/l	100
57) 1,3-Dichloropropane	10.67	76	330090	52.940	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	533874	169.750	ug/l	100
59) 2-Hexanone	10.72	43	879934	234.334	ug/l	99
60) Dibromochloromethane	10.87	129	219925	52.884	ug/l	99
61) 1,2-Dibromoethane	10.97	107	196513	51.185	ug/l	98
64) Tetrachloroethene	10.60	164	224161	52.754	ug/l	98
65) Chlorobenzene	11.40	112	531429	52.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	199496	52.367	ug/l	98
67) Ethyl Benzene	11.48	91	972886	54.120	ug/l	98
68) m/p-Xylenes	11.59	106	717285	98.332	ug/l	100
69) o-Xylene	11.92	106	338286	53.939	ug/l	99
70) Styrene	11.94	104	595142	48.724	ug/l	99
71) Bromoform	12.10	173	140219	47.478	ug/l #	97
73) Isopropylbenzene	12.22	105	889459	53.908	ug/l	99
74) N-amyl acetate	12.04	43	409194	53.104	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	219461	47.574	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	274437m	54.808	ug/l	
77) Bromobenzene	12.50	156	212309	51.018	ug/l	99
78) n-propylbenzene	12.56	91	1067759	55.568	ug/l	99
79) 2-Chlorotoluene	12.65	91	648522	52.733	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	764421	55.771	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	91737	47.299	ug/l	99
82) 4-Chlorotoluene	12.74	91	707190	53.928	ug/l	98
83) tert-Butylbenzene	12.96	119	582942	54.977	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	781594	55.874	ug/l	99
85) sec-Butylbenzene	13.14	105	775163	54.847	ug/l	99
86) p-Isopropyltoluene	13.26	119	728517	56.048	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	386555	50.981	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	396012	50.872	ug/l	99
89) n-Butylbenzene	13.59	91	653105	53.823	ug/l	99
90) Hexachloroethane	13.85	117	117237	54.560	ug/l	96
91) 1,2-Dichlorobenzene	13.62	146	373588	50.412	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58195	48.073	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	199447	49.476	ug/l	99
94) Hexachlorobutadiene	14.98	225	83801	50.744	ug/l	97
95) Naphthalene	15.10	128	659286	50.475	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	189775	49.096	ug/l	99

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

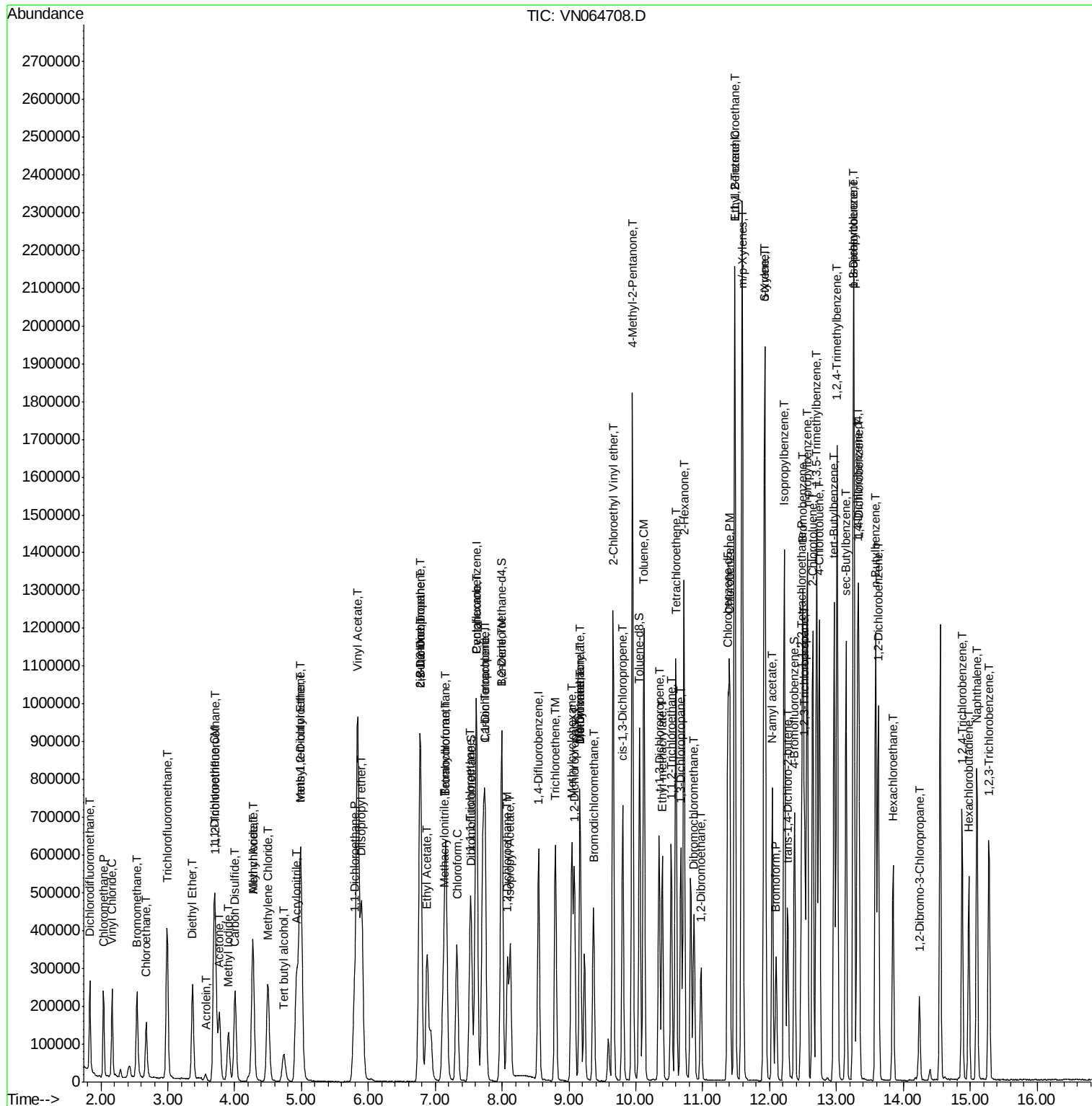
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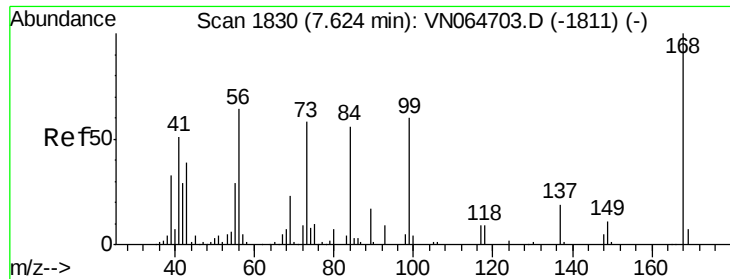
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111820

Tot Ion:168 Resp: 296634

Ion Ratio Lower Upper

168 100

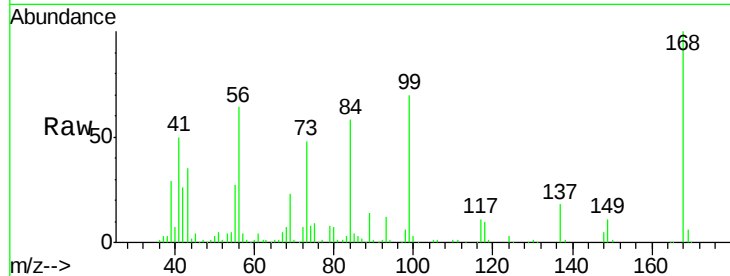
99 70.1 55.7 83.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

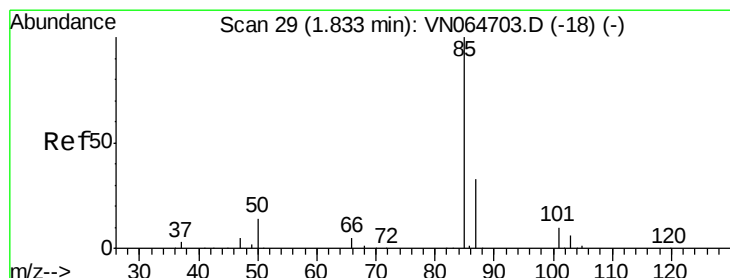
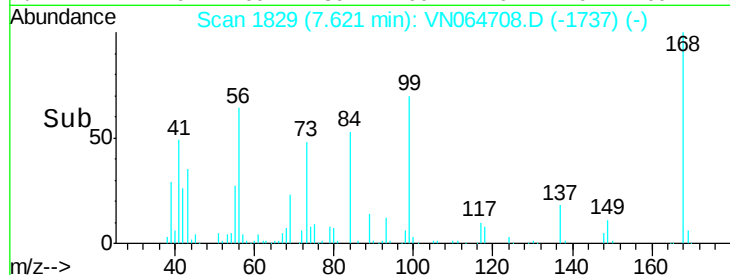
7.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.725 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064708.D

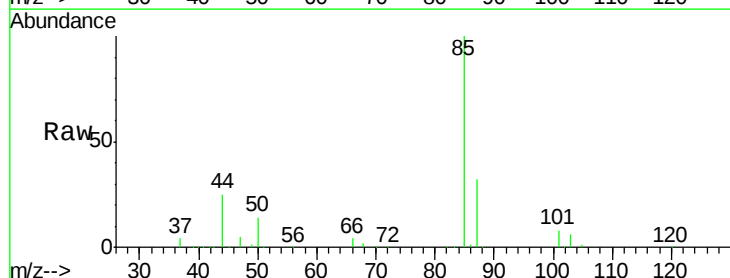
Acq: 18 Nov 2020 15:31

Tgt Ion: 85 Resp: 176890

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

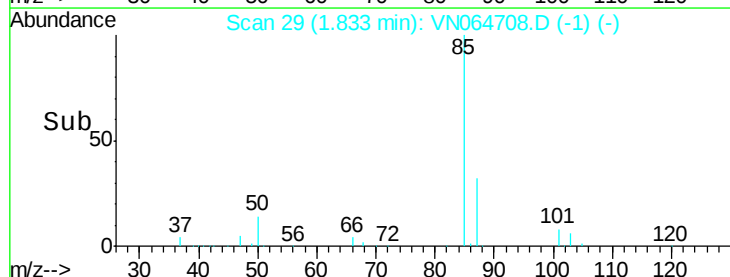
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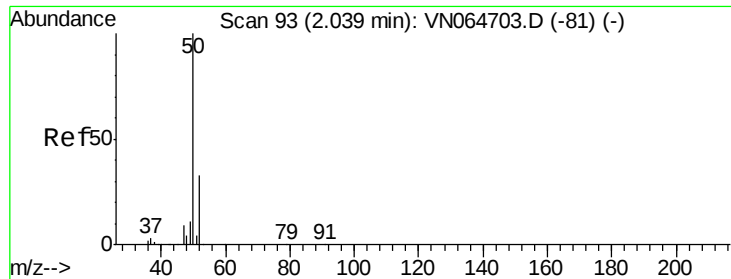
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.724 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111820

Tot Ion: 50 Resp: 187402

Ion Ratio Lower Upper

50 100

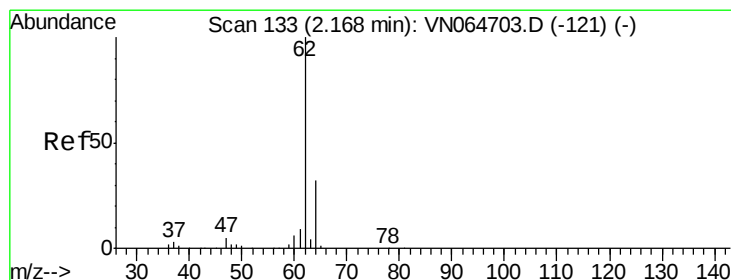
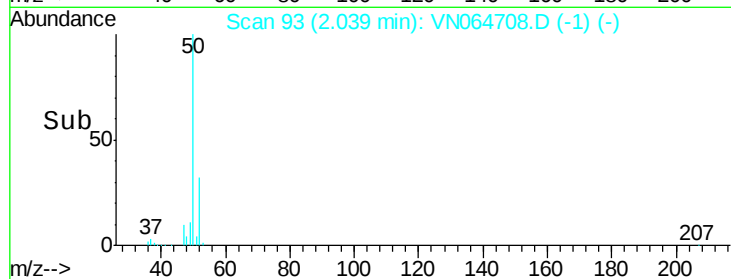
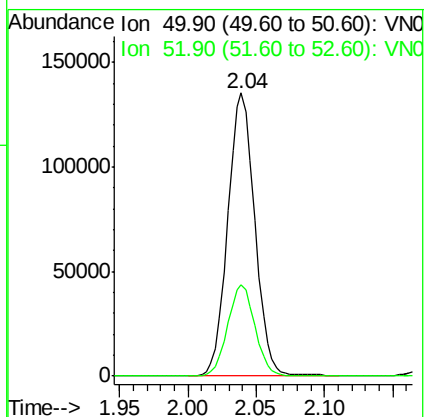
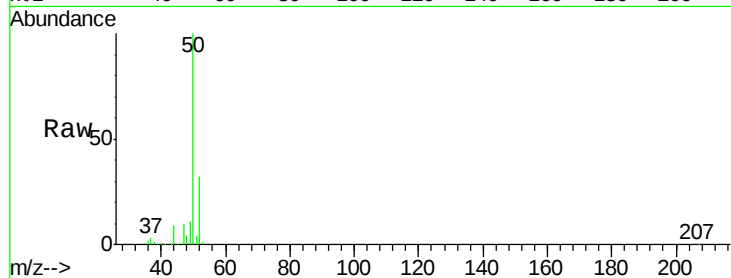
52 32.3 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.522 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064708.D

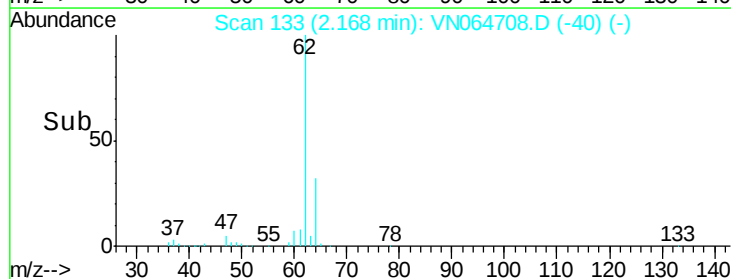
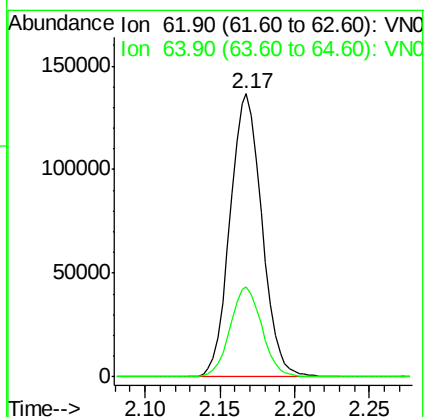
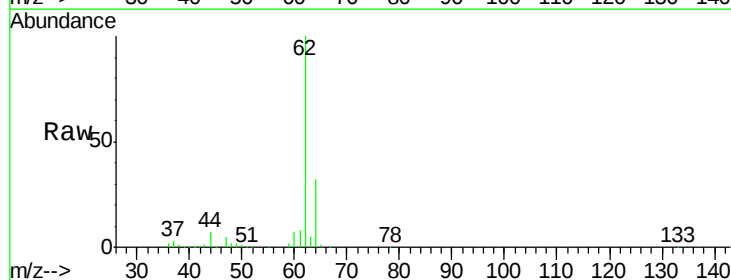
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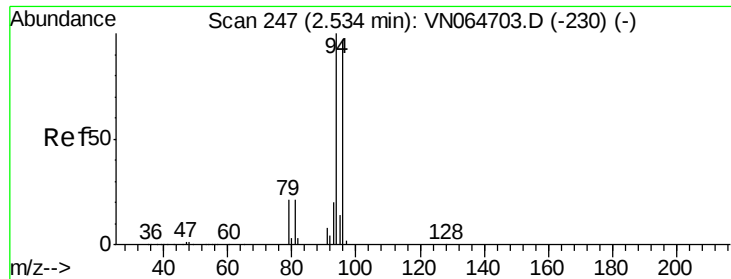
Tgt Ion: 62 Resp: 203230

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 48.111 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

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Tot Ion: 94 Resp: 150877

Ion Ratio Lower Upper

94 100

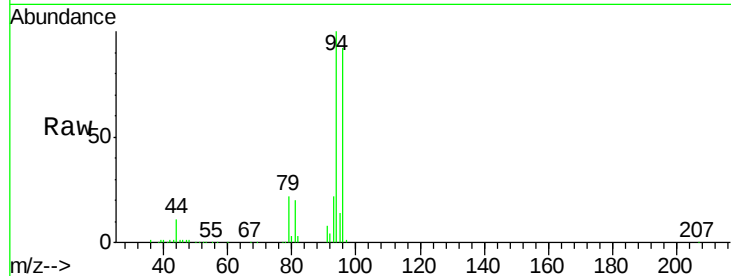
96 92.2 77.8 116.8

Manual Integrations

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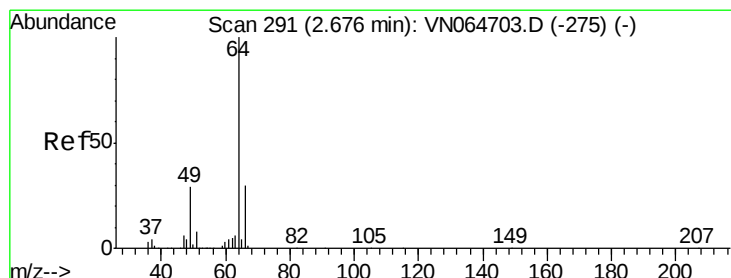
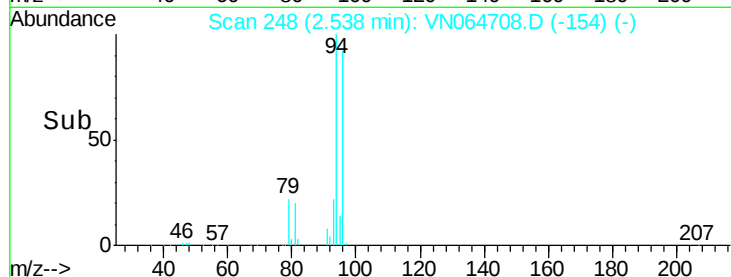
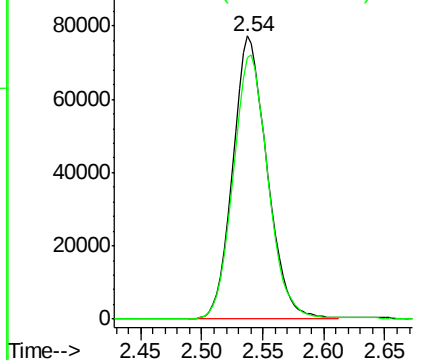
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.224 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064708.D

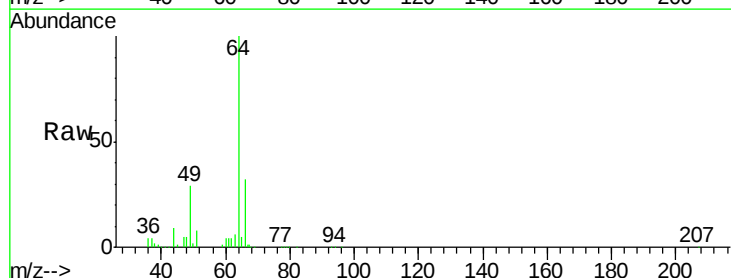
Acq: 18 Nov 2020 15:31

Tgt Ion: 64 Resp: 136263

Ion Ratio Lower Upper

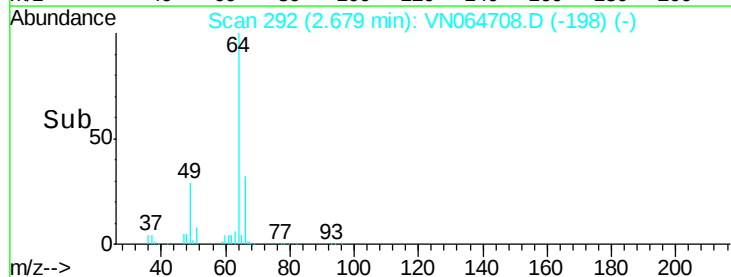
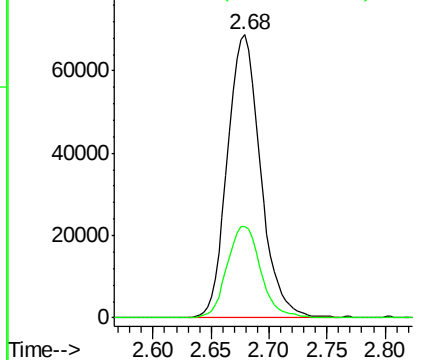
64 100

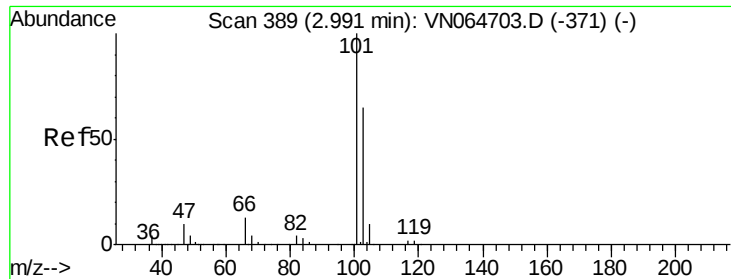
66 32.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

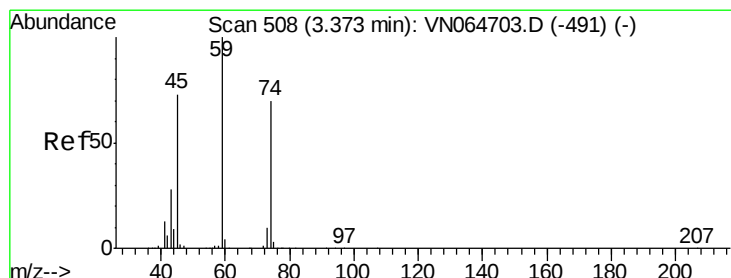
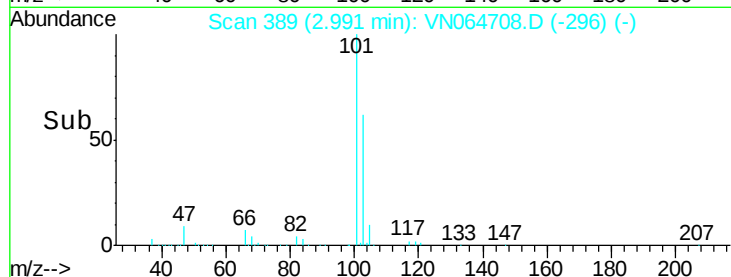
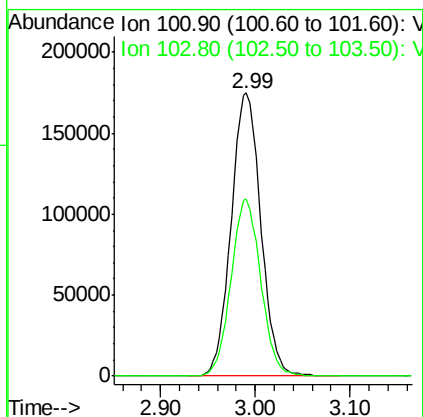
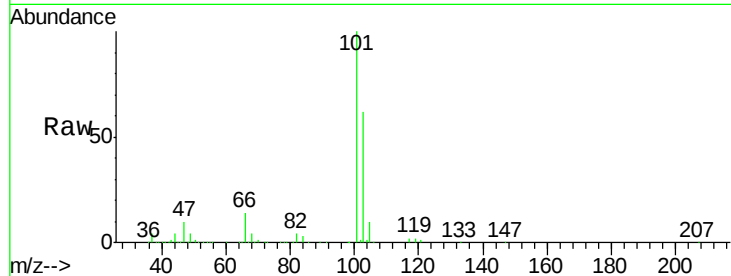
Trichlorofluoromethane
Concen: 49.856 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064708.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	51.8	77.6

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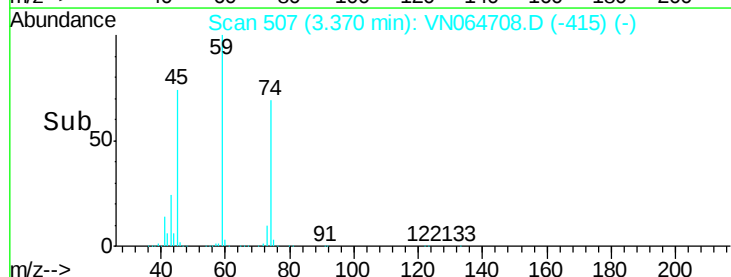
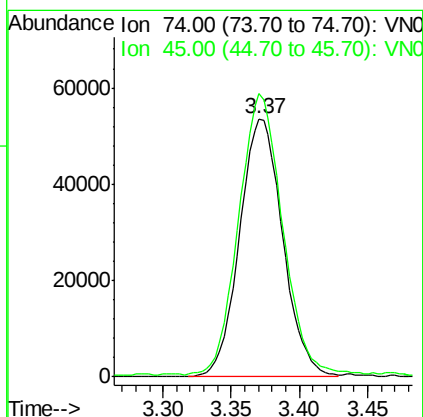
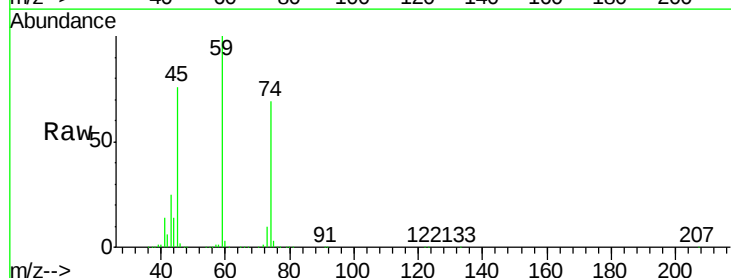
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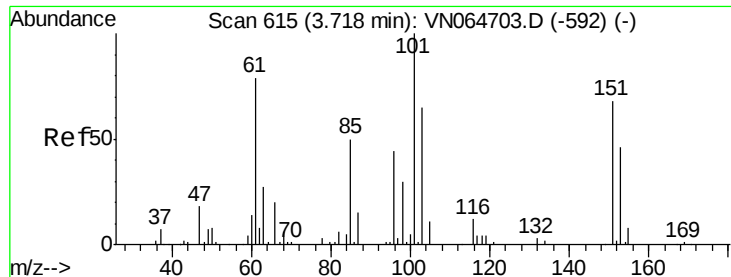


#8

Diethyl Ether
Concen: 47.617 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064708.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.2	52.8	158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.985 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

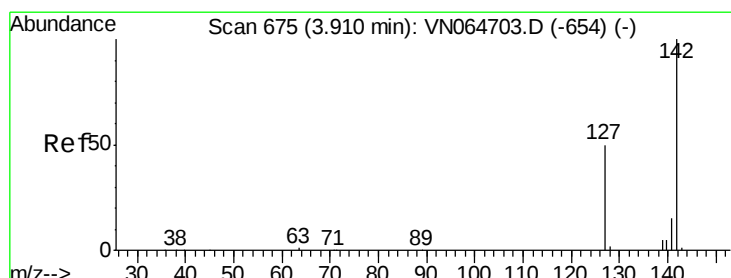
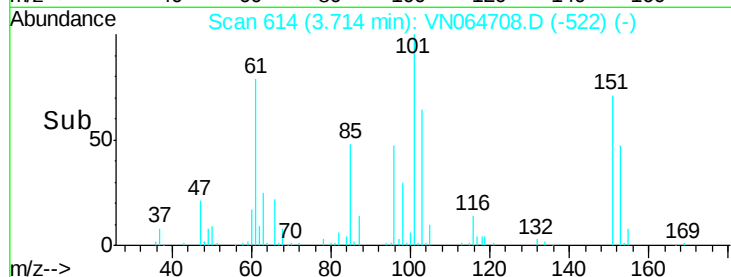
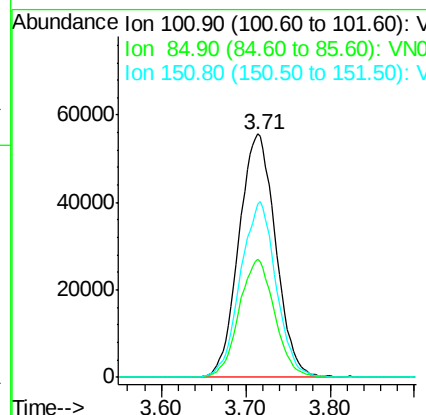
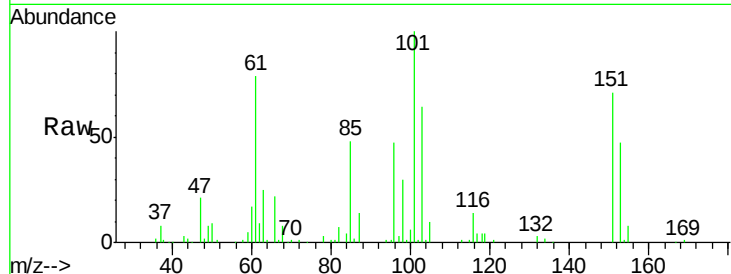
ClientSampleId :

ICVVN111820

Tot Ion:	101	Resp:	168765
Ion Ratio	Lower	Upper	
101	100		
85	46.9	39.0	58.4
151	70.1	57.2	85.8

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#10

Methyl Iodide

Concen: 49.162 ug/l

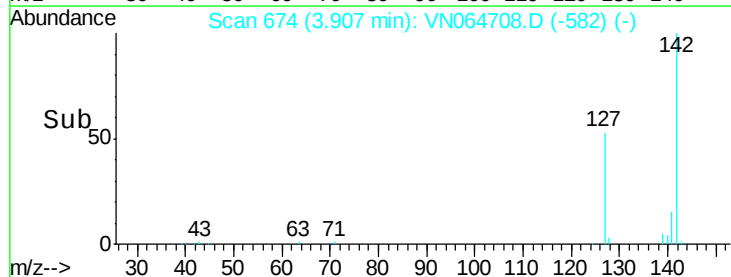
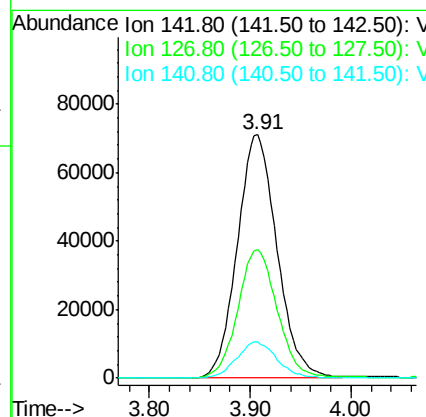
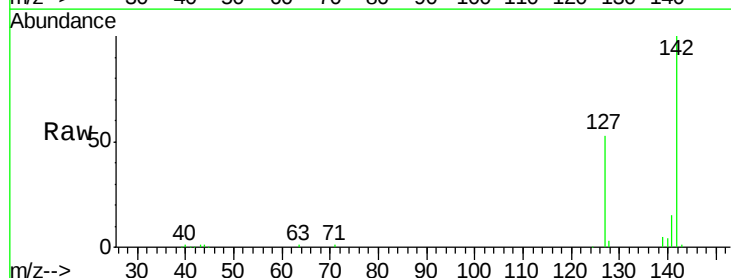
RT: 3.91 min Scan# 674

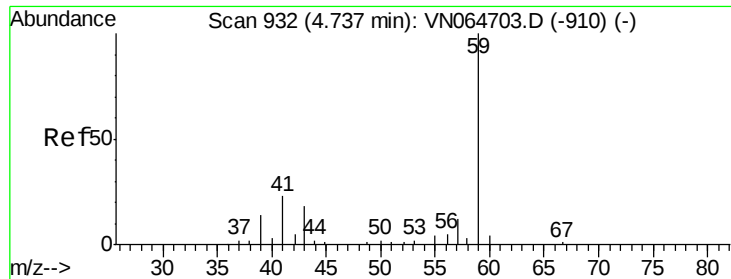
Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Tgt Ion:	142	Resp:	194519
Ion Ratio	Lower	Upper	
142	100		
127	52.4	42.0	63.0
141	15.2	12.1	18.1





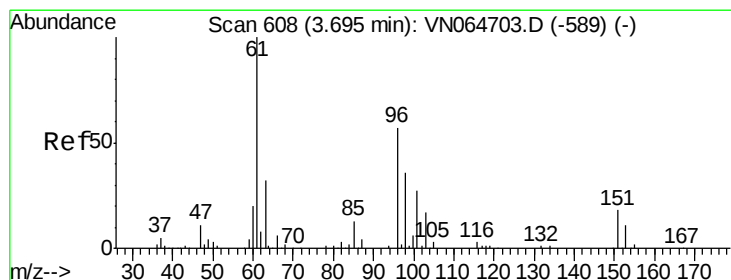
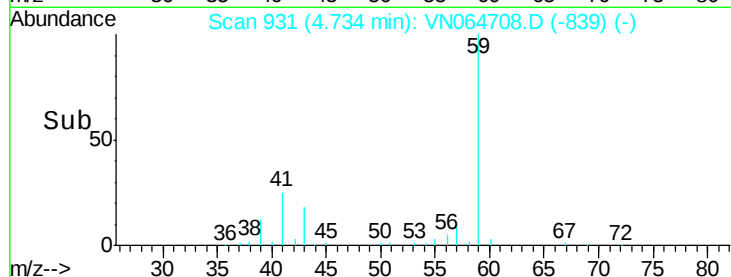
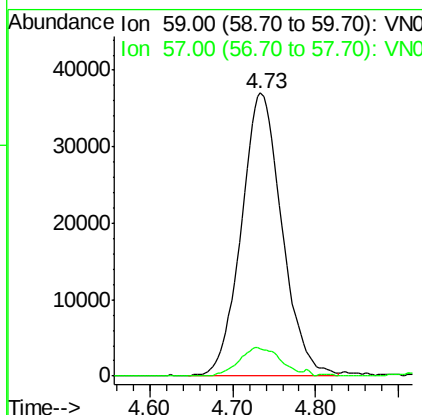
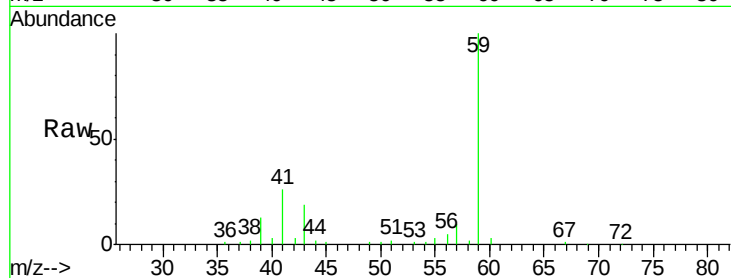
#11
Tert butyl alcohol
Concen: 249.018 ug/l
RT: 4.73 min Scan# 931
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVFN111820

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	9.1	13.7

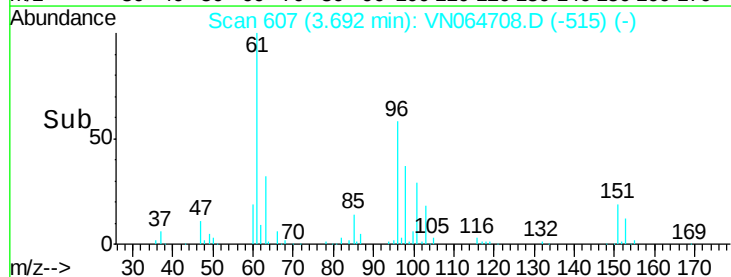
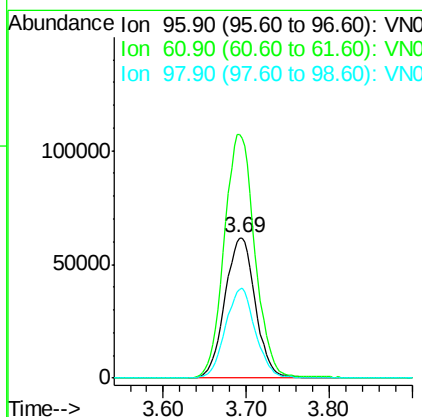
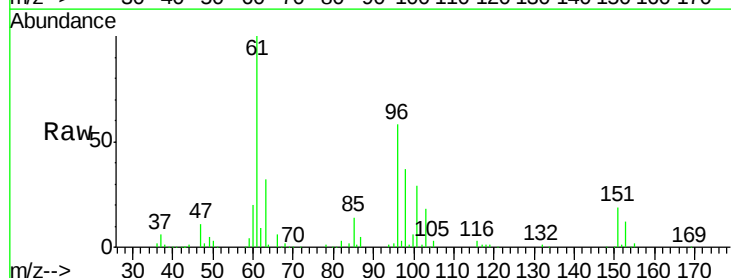
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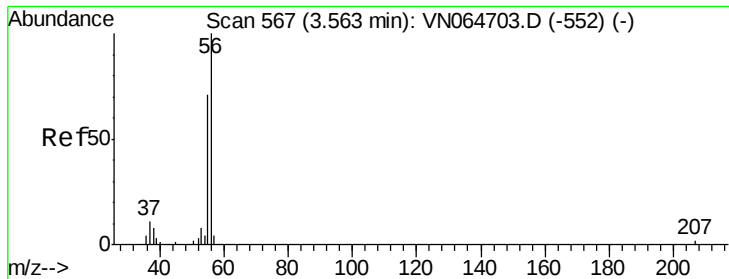
MMDadoda
11/19/2020 2:10:31 PM



#12
1,1-Dichloroethene
Concen: 49.402 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.7	139.1	208.7
98	63.7	50.2	75.2





#13

Acrolein

Concen: 152.995 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111820

Tot Ion: 56 Resp: 18134

Ion Ratio Lower Upper

56 100

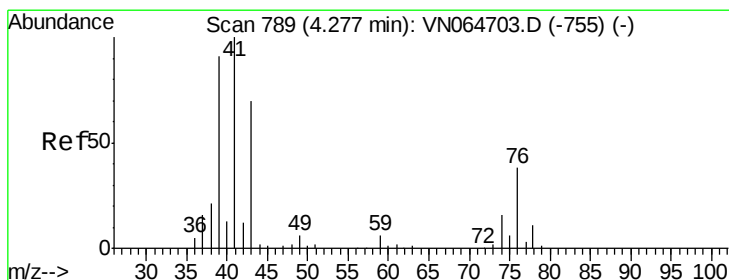
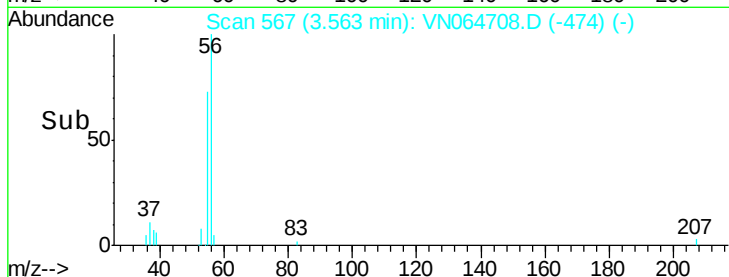
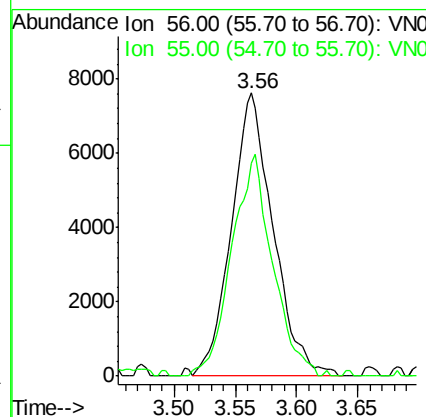
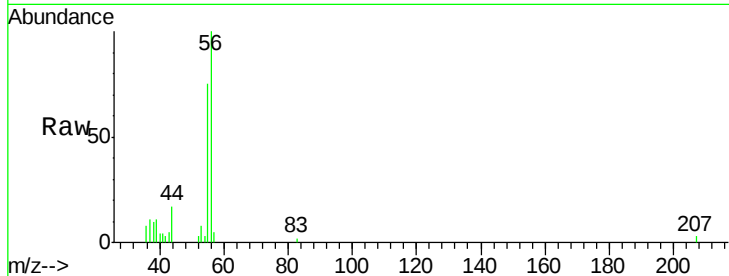
55 76.7 61.8 92.6

Manual Integrations

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#14

Allyl chloride

Concen: 51.171 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

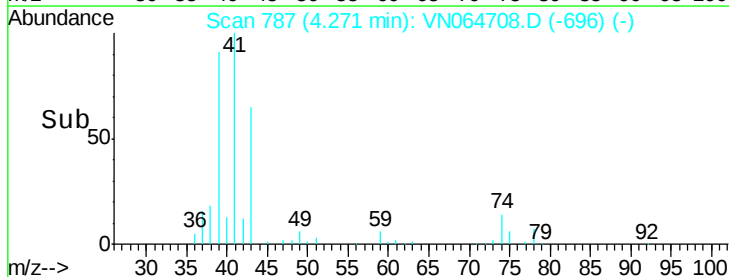
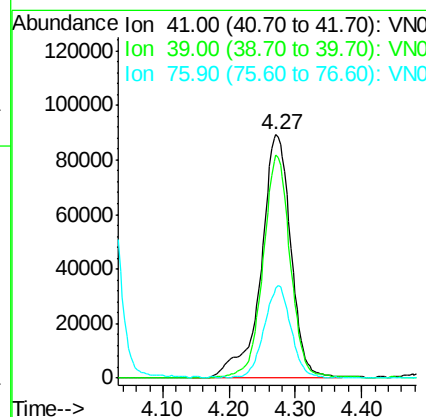
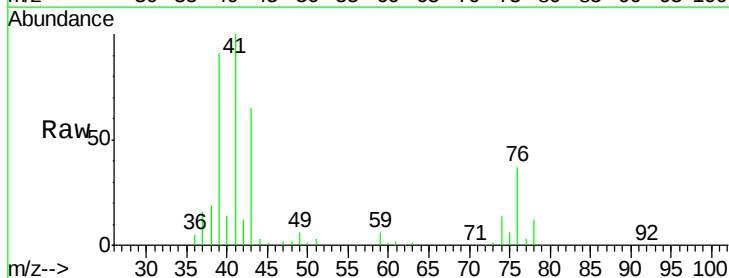
Tgt Ion: 41 Resp: 280209

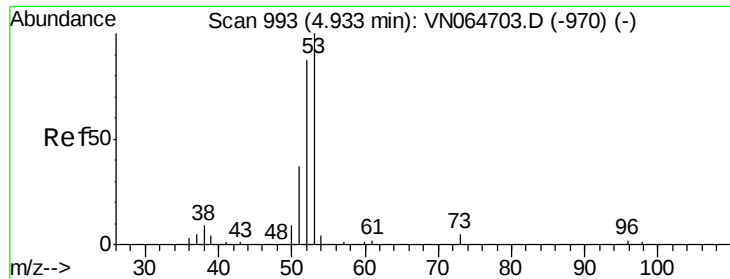
Ion Ratio Lower Upper

41 100

39 83.7 66.1 99.1

76 33.1 26.6 40.0





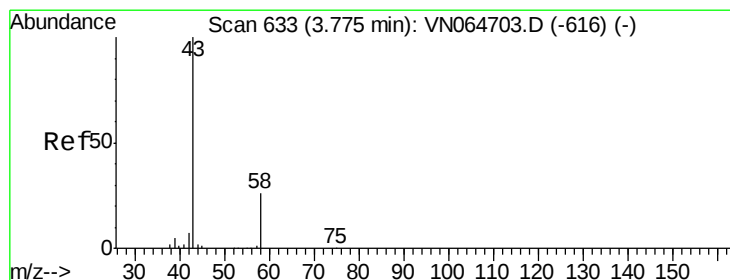
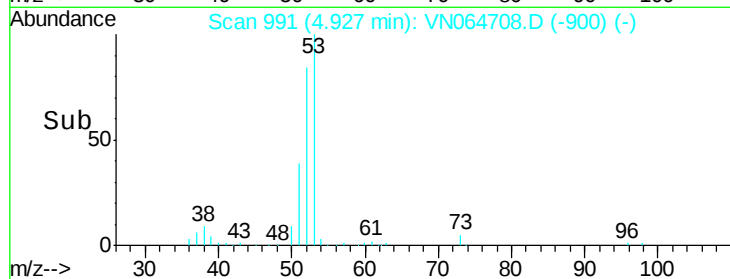
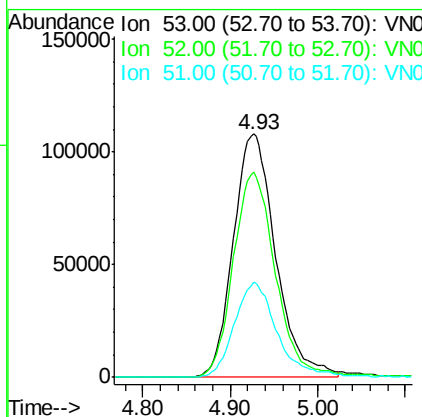
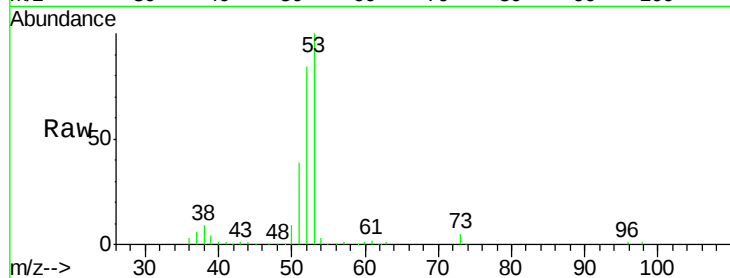
#15
 Acrylonitrile
 Concen: 244.318 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Tot Ion	53	Resp	363190
Ion Ratio	100	Lower	Upper
53	100		
52	83.4	67.2	100.8
51	39.5	31.0	46.6

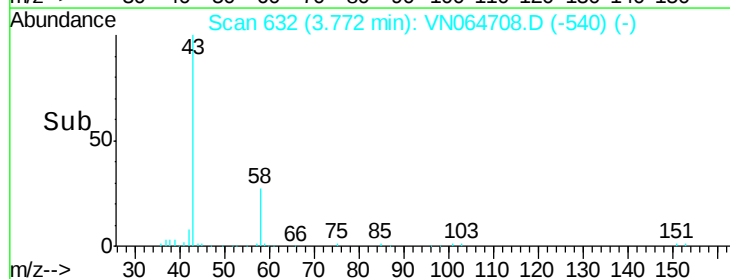
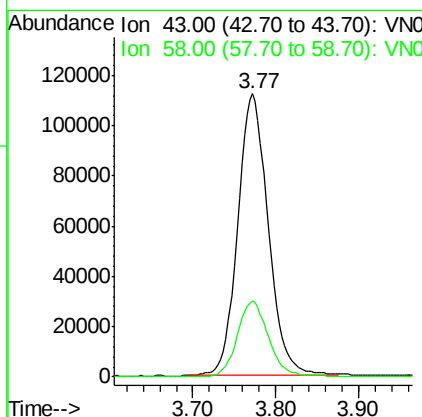
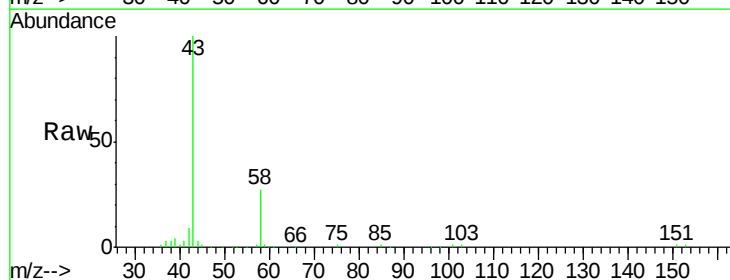
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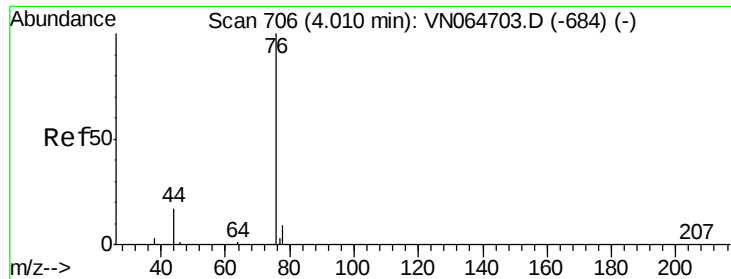
MMDadoda
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#16
 Acetone
 Concen: 228.773 ug/l
 RT: 3.77 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Tgt Ion	43	Resp	288285
Ion Ratio	100	Lower	Upper
43	100		
58	26.8	21.2	31.8





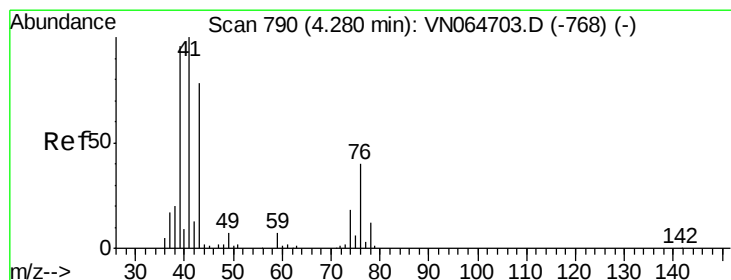
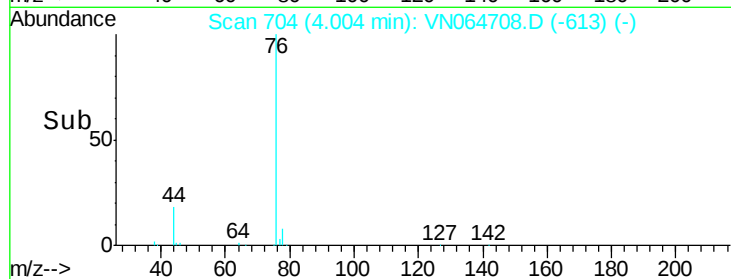
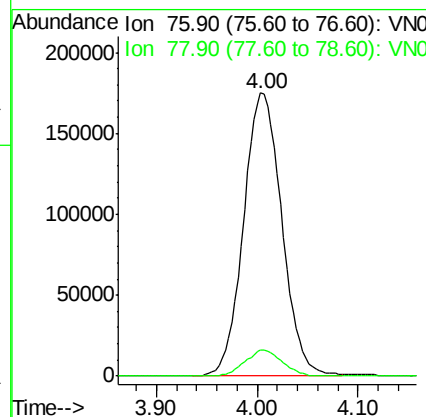
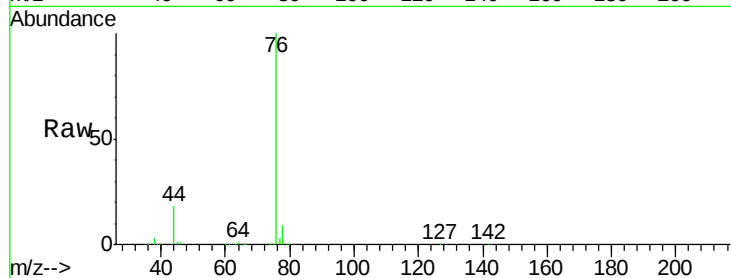
#17
Carbon Disulfide
Concen: 49.566 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion: 76 Resp: 459690
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

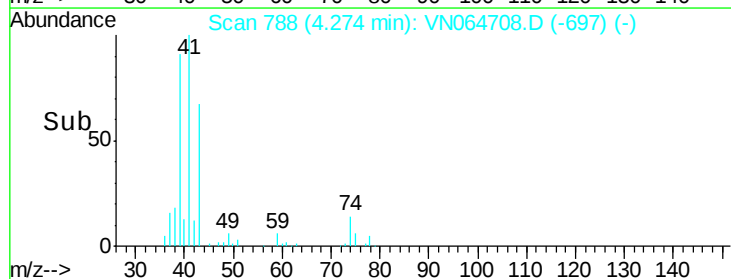
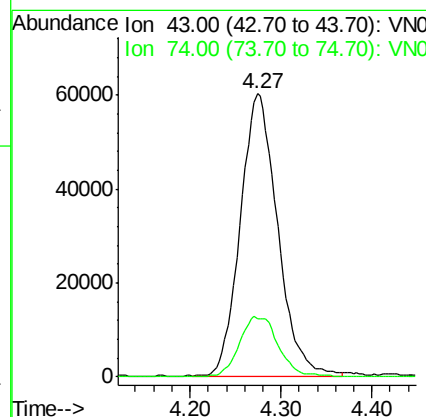
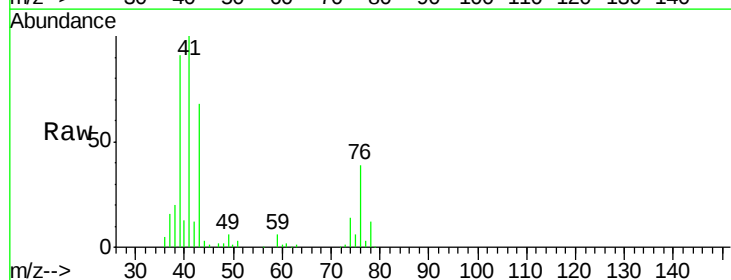
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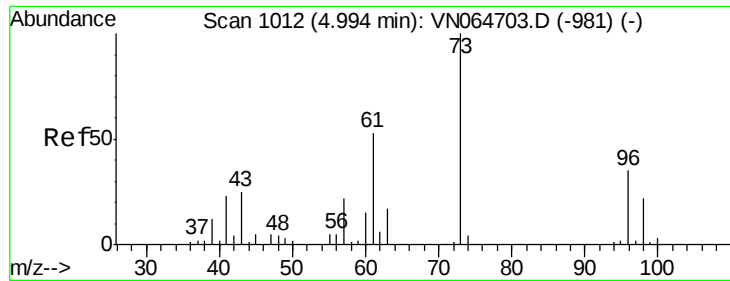
MMDadoda
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#18
Methyl Acetate
Concen: 44.646 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion: 43 Resp: 170404
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4





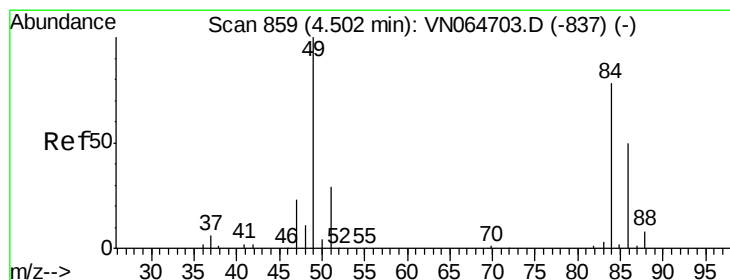
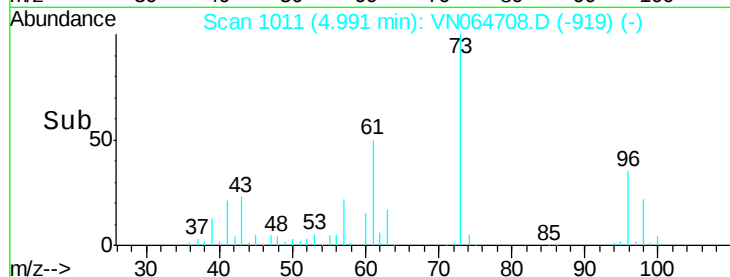
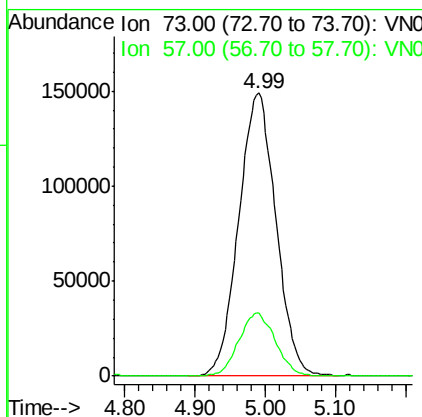
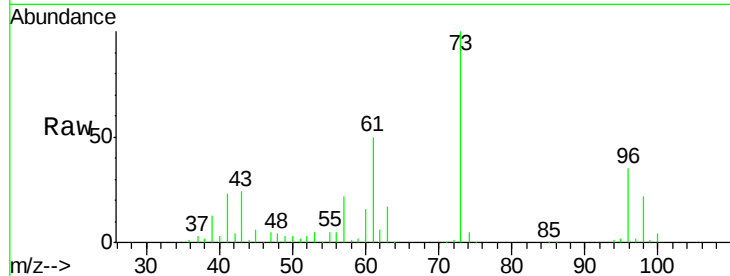
#19
Methvl tert-butvl Ether
Concen: 51.344 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion: 73 Resp: 547903
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

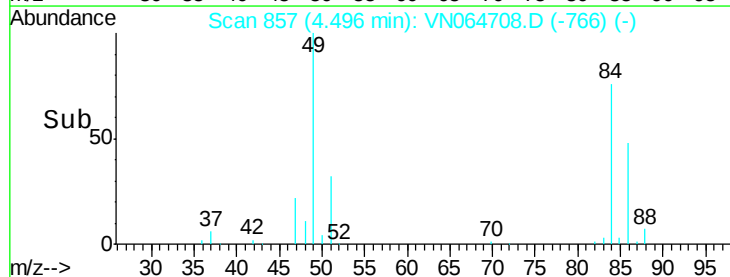
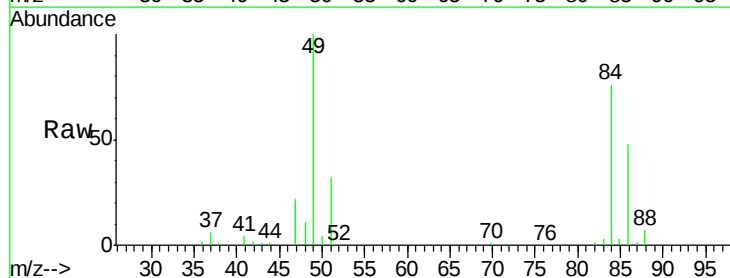
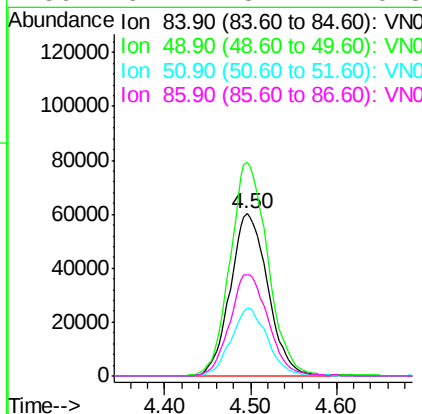
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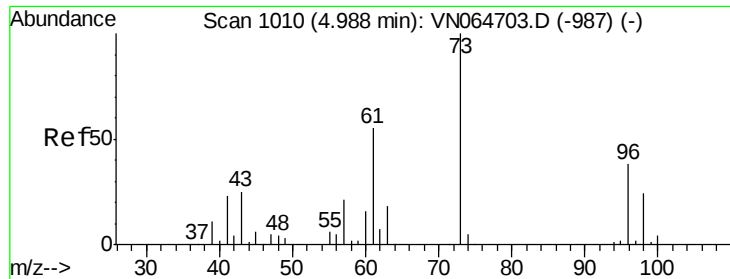
MMDadoda
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#20
Methylene Chloride
Concen: 47.423 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion: 84 Resp: 183250
Ion Ratio Lower Upper
84 100
49 131.3 102.4 153.6
51 41.6 29.4 44.2
86 62.7 51.2 76.8





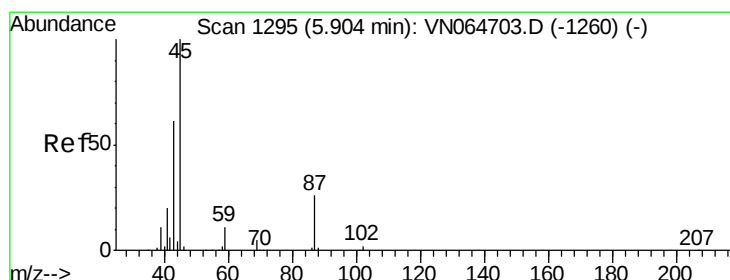
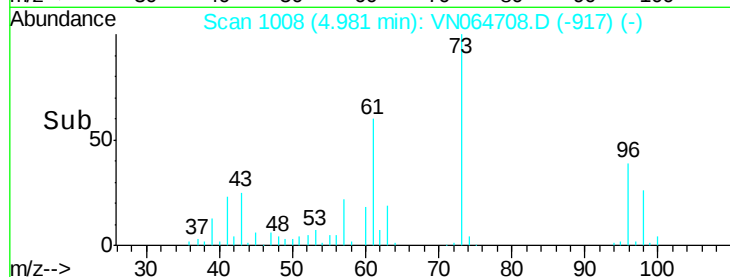
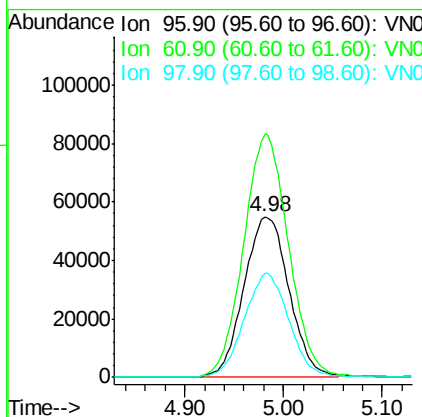
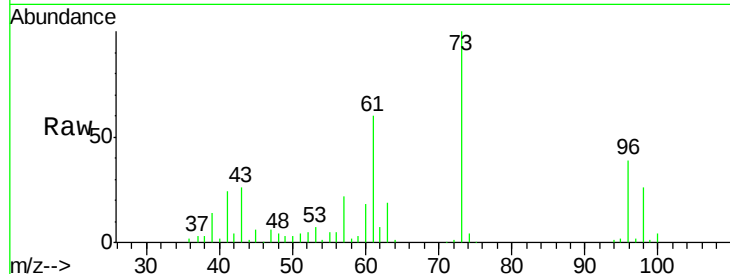
#21
trans-1,2-Dichloroethene
Concen: 48.834 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.6	117.9	176.9
98	64.8	51.1	76.7

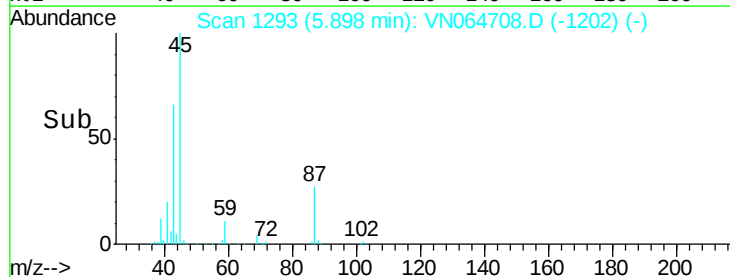
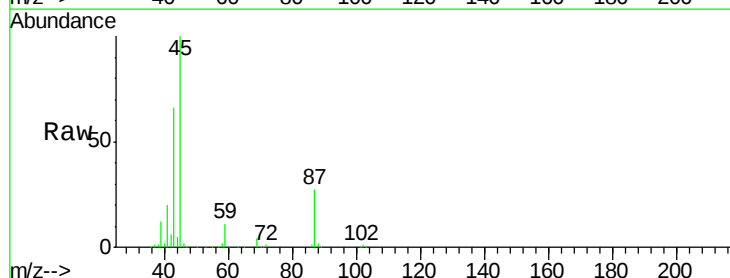
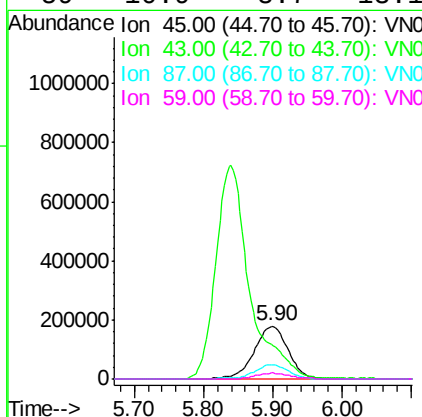
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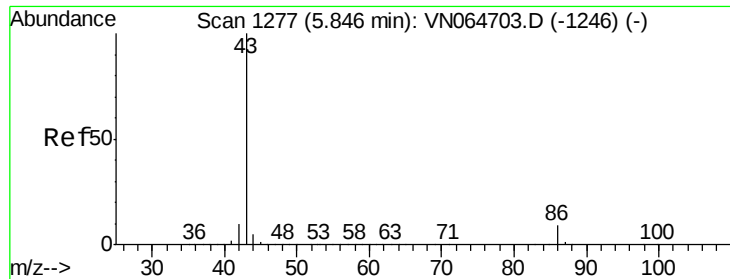
MMDadoda
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#22
Diisopropyl ether
Concen: 52.719 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.1	52.3	78.5
87	27.1	21.6	32.4
59	10.9	8.7	13.1





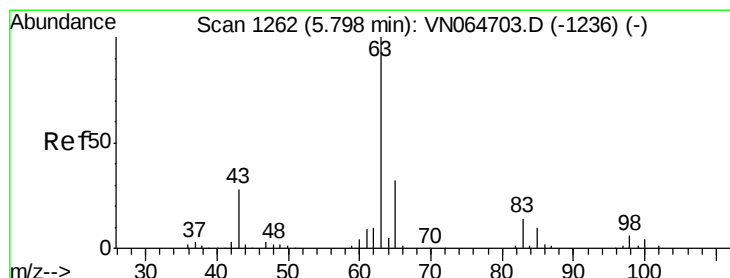
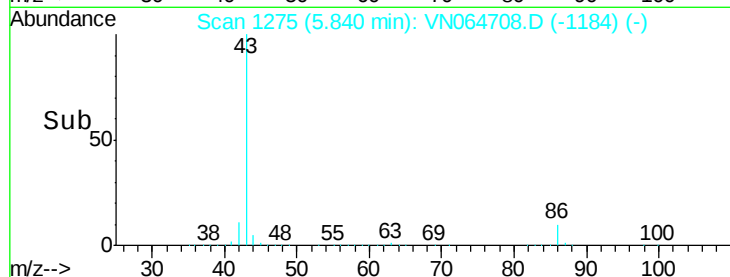
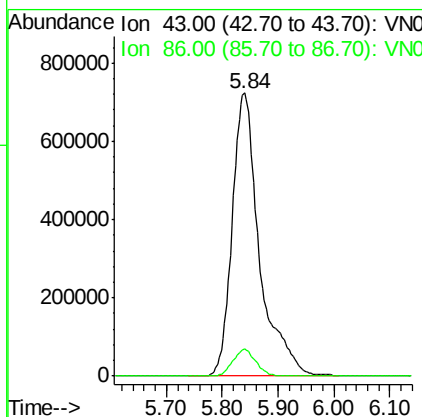
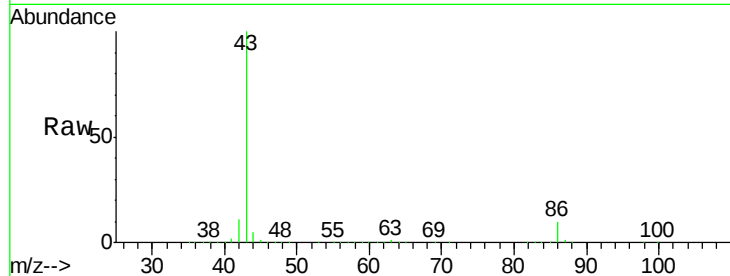
#23
 Vinyl Acetate
 Concen: 264.002 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Tot Ion: 43 Resp: 2463860
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.0

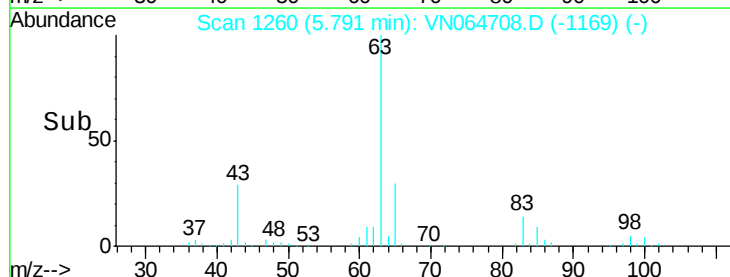
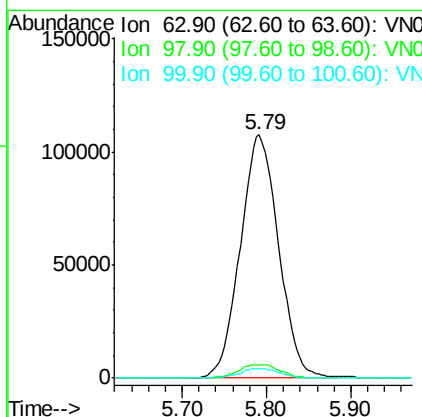
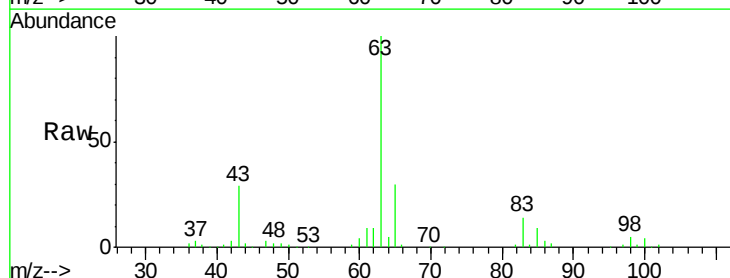
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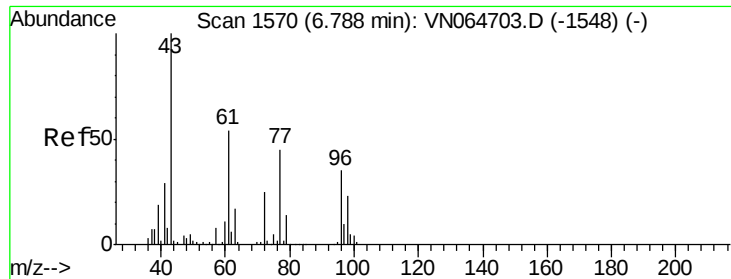
MMDadoda
 11/19/2020 2:10:31 PM



#24
 1,1-Dichloroethane
 Concen: 50.143 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Tgt Ion: 63 Resp: 339735
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.2 9.6
 100 3.7 1.9 5.7





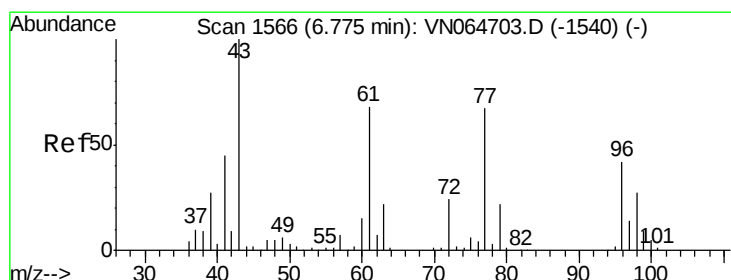
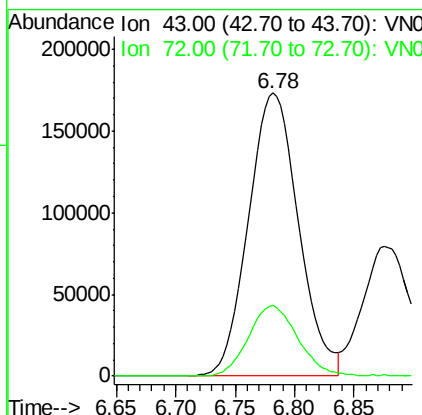
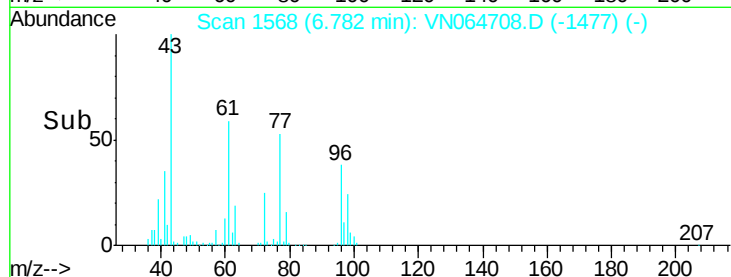
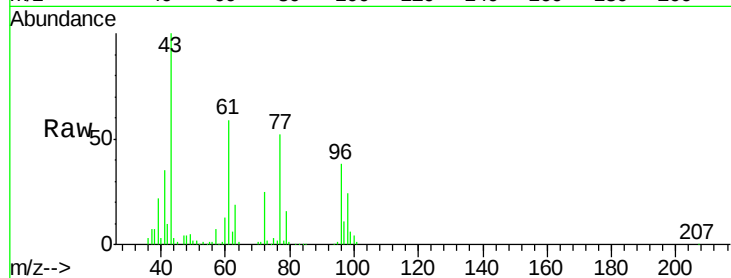
#25
2-Butanone
Concen: 252.353 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion: 43 Resp: 503459
Ion Ratio Lower Upper
43 100
72 25.0 19.7 29.5

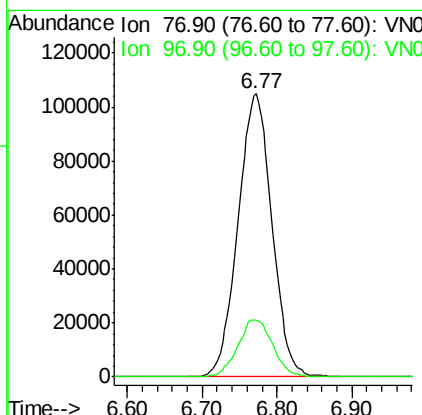
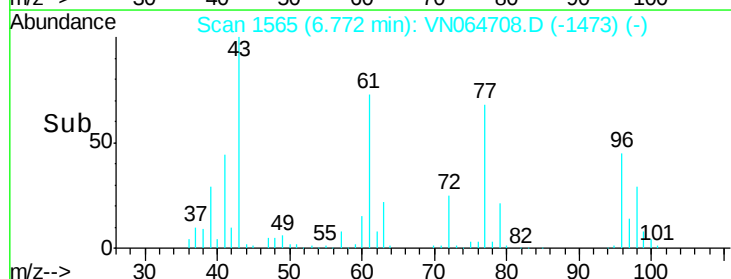
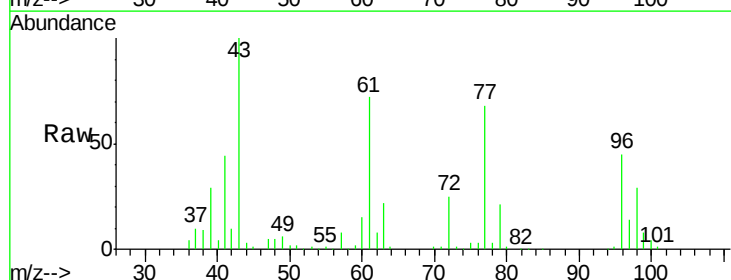
Manual Integrations
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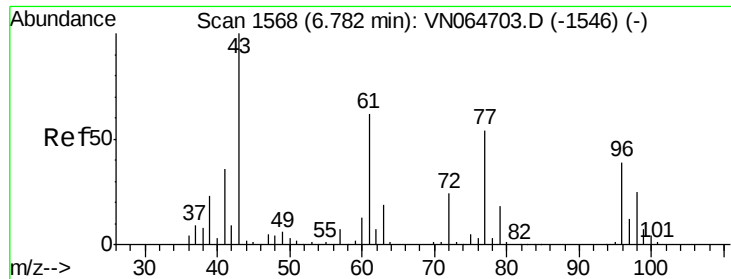
MMDadoda
11/19/2020 2:10:31 PM



#26
2,2-Dichloropropane
Concen: 51.315 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion: 77 Resp: 330369
Ion Ratio Lower Upper
77 100
97 20.8 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 50.922 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

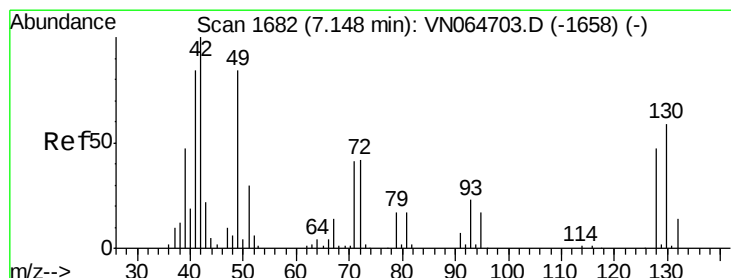
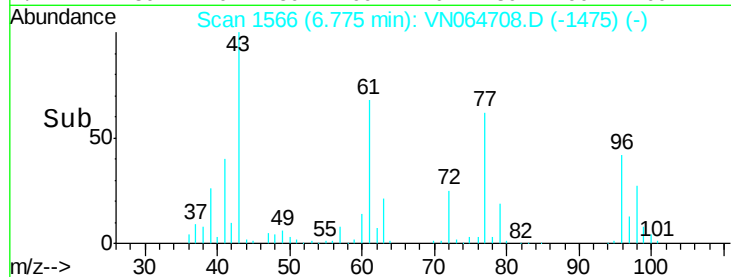
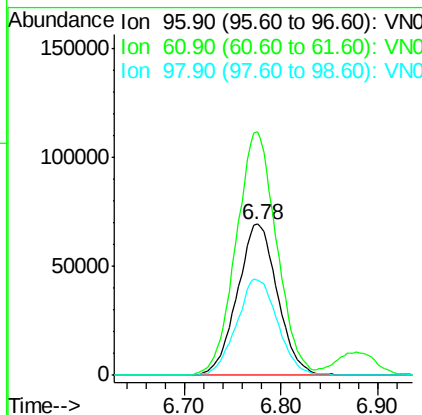
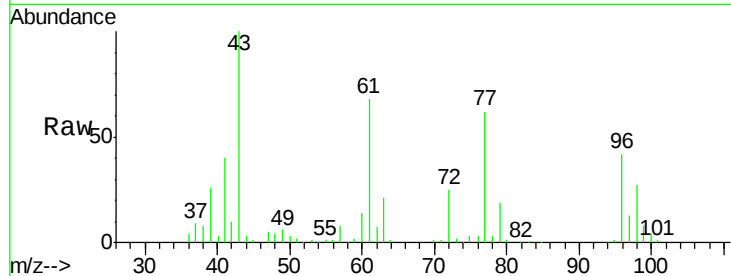
ClientSampleId :

ICVVN111820

Tot Ion:	96	Resp:	199776
Ion Ratio	Lower	Upper	
96	100		
61	162.4	0.0	322.6
98	64.7	0.0	128.6

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#28

Bromochloromethane

Concen: 52.790 ug/l

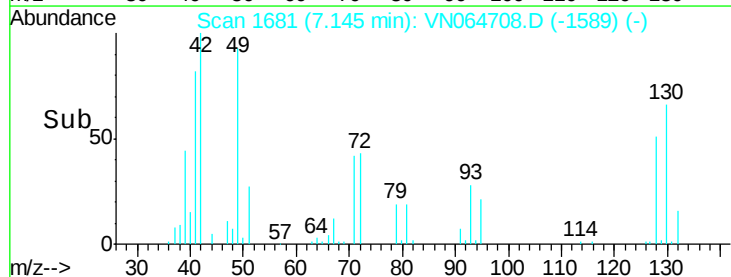
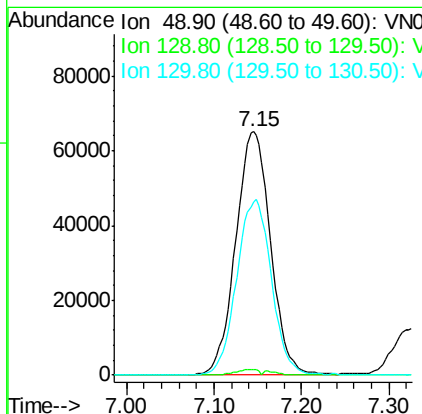
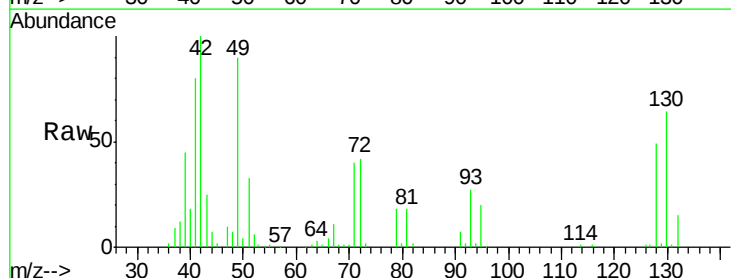
RT: 7.15 min Scan# 1681

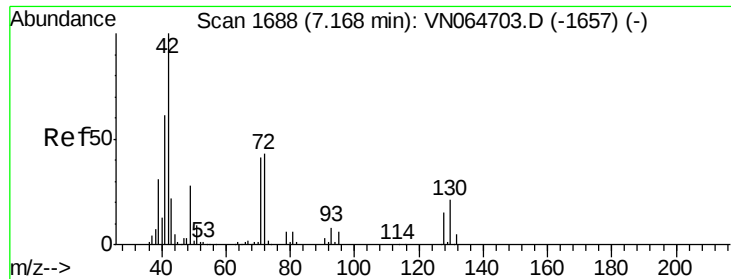
Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Tgt Ion:	49	Resp:	180339
Ion Ratio	Lower	Upper	
49	100		
129	1.4	0.0	3.8
130	71.8	56.2	84.4





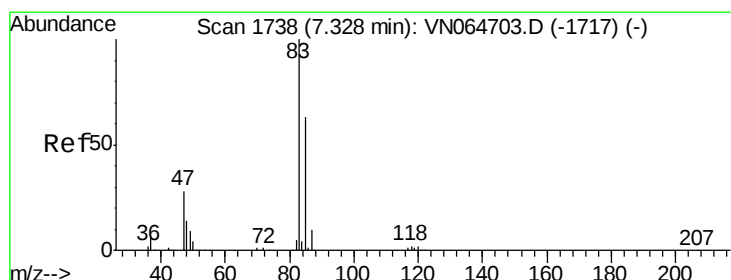
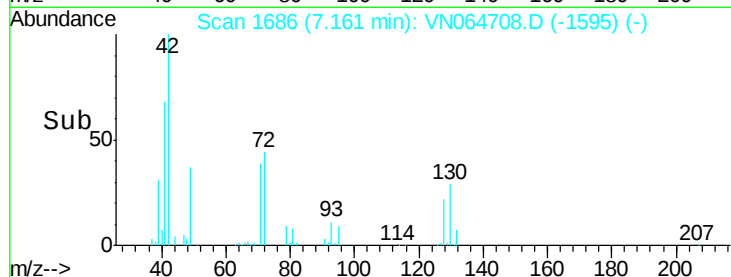
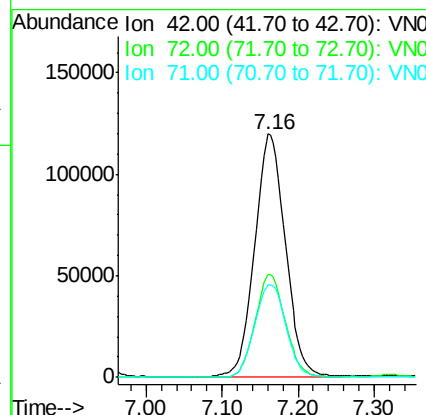
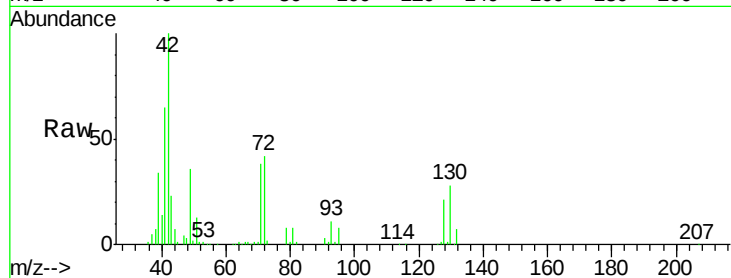
#29
Tetrahydrofuran
Concen: 250.133 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVFN111820

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.0	49.4
71	38.8	31.8	47.6

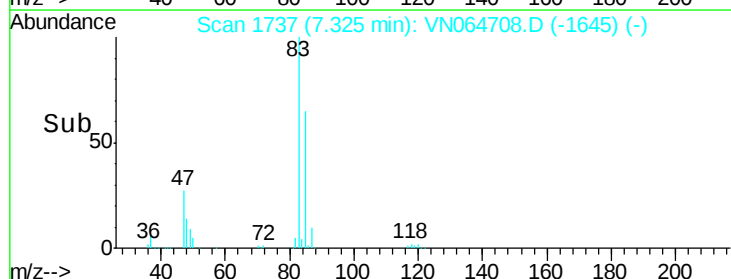
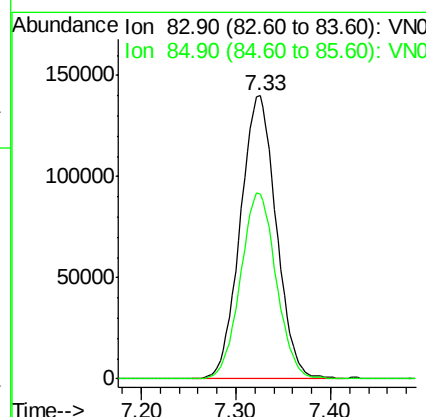
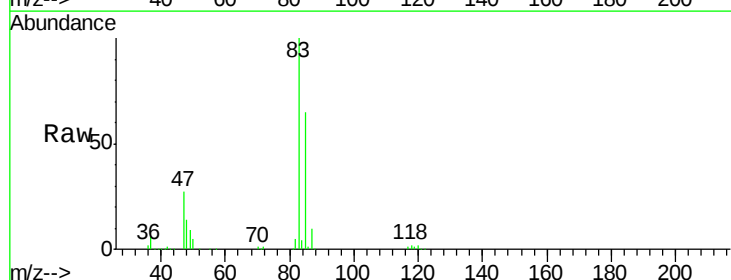
Manual Integrations
APPROVED

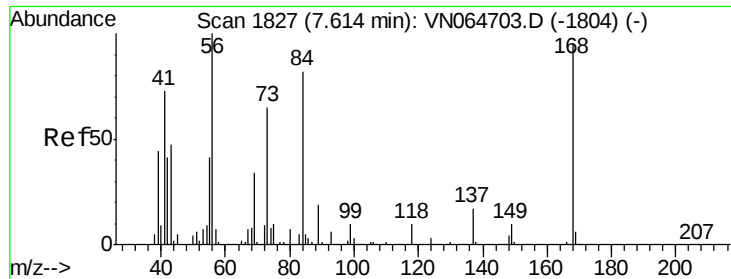
MMDadoda
11/19/2020 2:10:31 PM



#30
Chloroform
Concen: 50.232 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.6	75.8





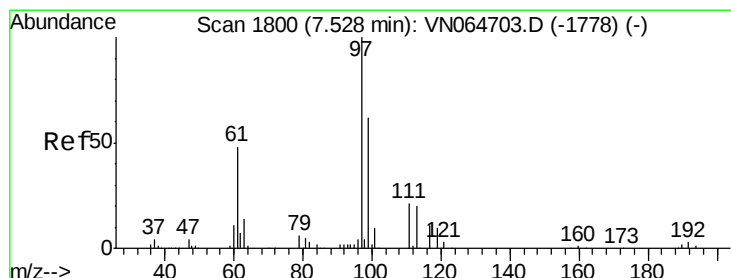
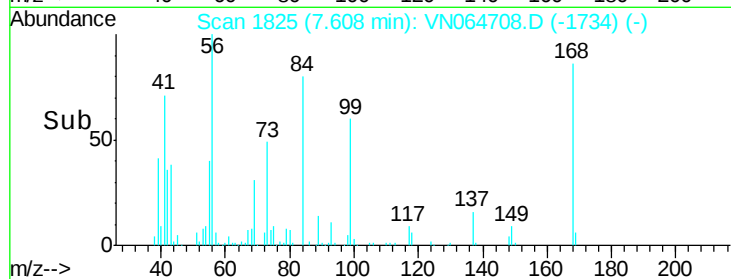
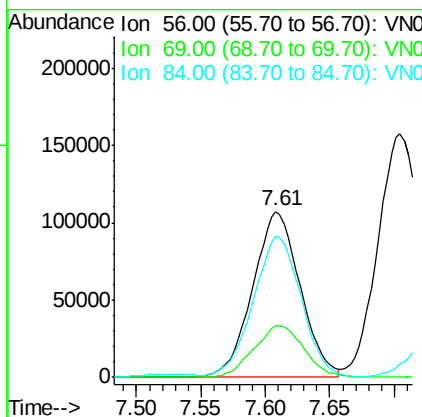
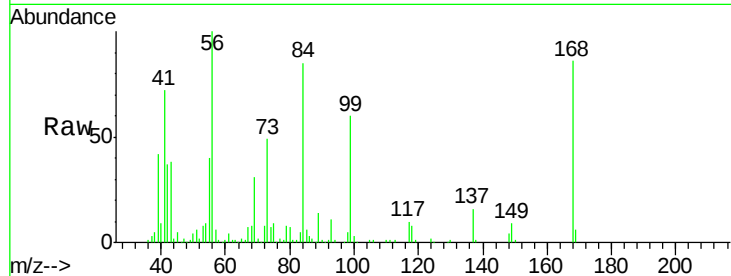
#31
Cyclohexane
Concen: 48.728 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	27.2	40.8
84	83.3	65.9	98.9

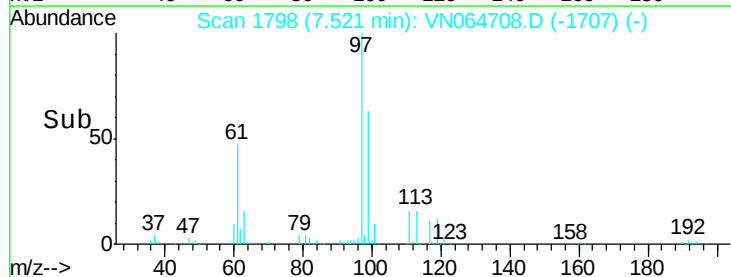
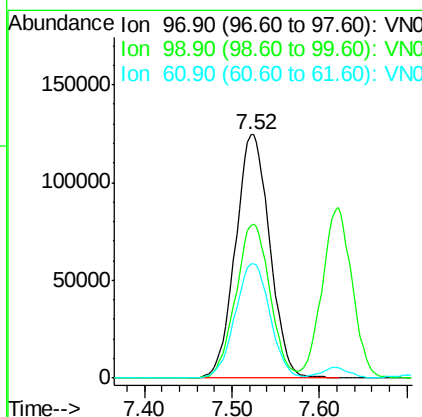
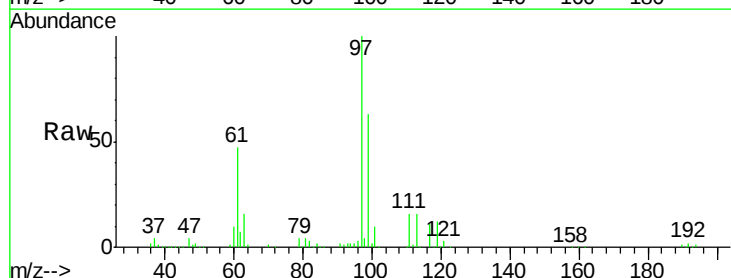
Manual Integrations
APPROVED

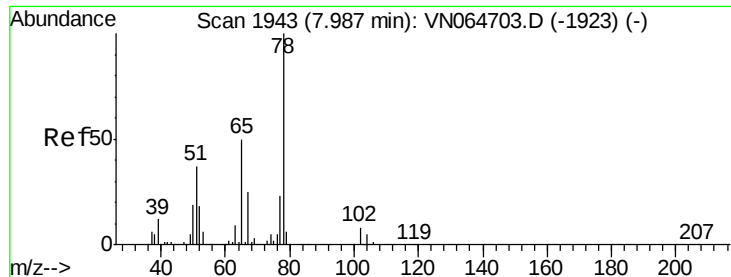
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#32
1,1,1-Trichloroethane
Concen: 50.299 ug/l
RT: 7.52 min Scan# 1798
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.6	76.0
61	47.8	38.3	57.5





#33

1,2-Dichloroethane-d4

Concen: 45.796 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111820

Tot Ion: 65 Resp: 238976

Ion Ratio Lower Upper

65 100

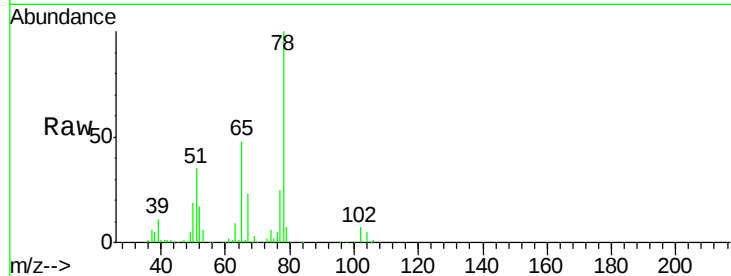
67 49.0 0.0 99.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VN064708.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064708.D (-1850) (-)

7.98

100000

80000

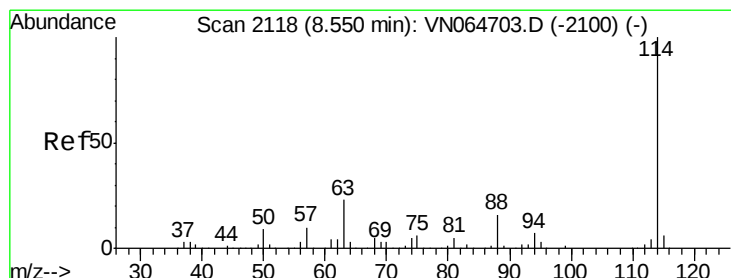
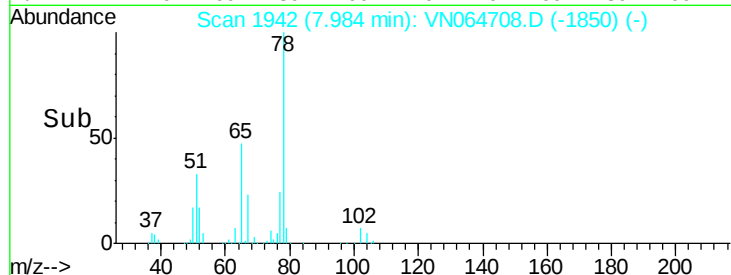
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.54 min Scan# 2116

Delta R.T. -0.01 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

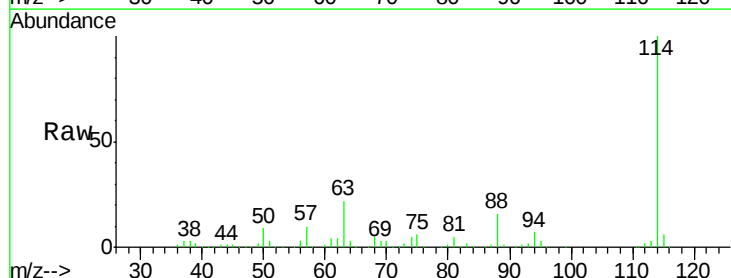
Tgt Ion: 114 Resp: 508310

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.0

88 16.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN064708.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064708.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064708.D (-2025) (-)

8.54

300000

250000

200000

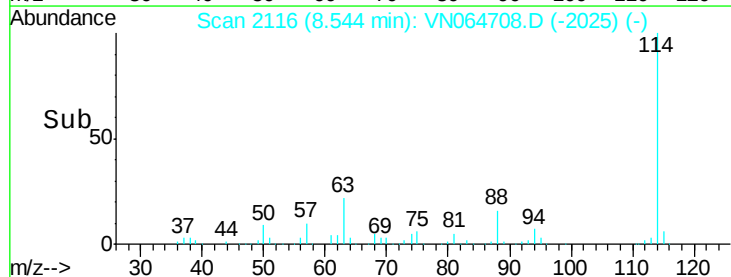
150000

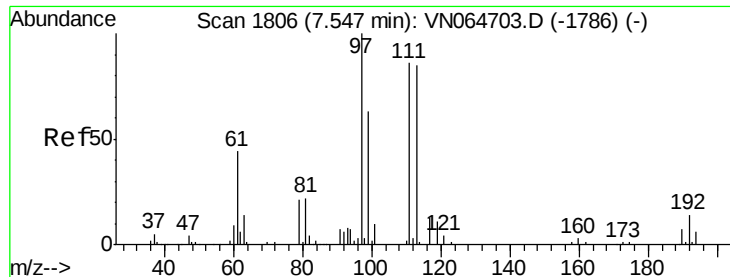
100000

50000

0

Time-->





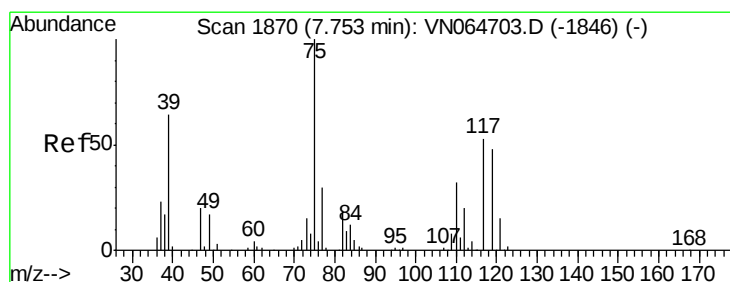
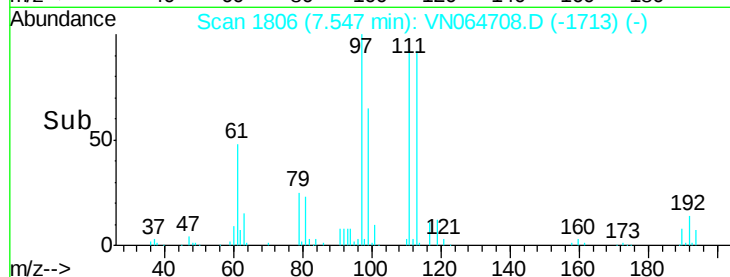
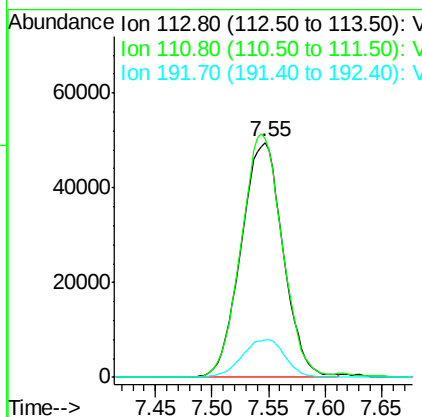
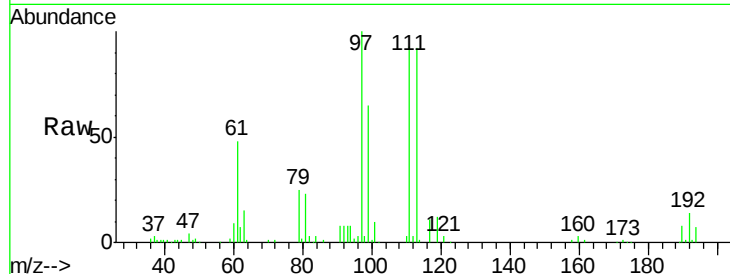
#35
 Dibromofluoromethane
 Concen: 44.350 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128311		
111	101.4	82.2	123.4	
192	16.4	12.7	19.1	

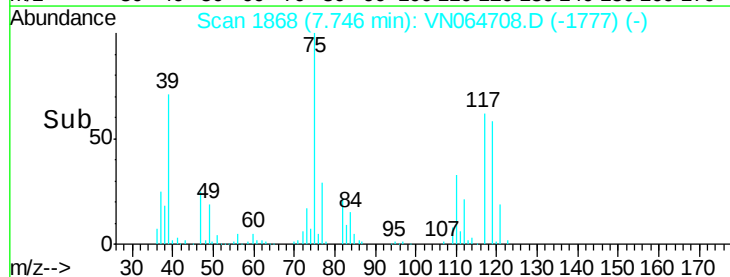
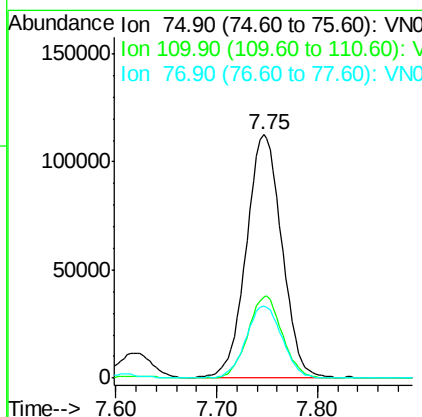
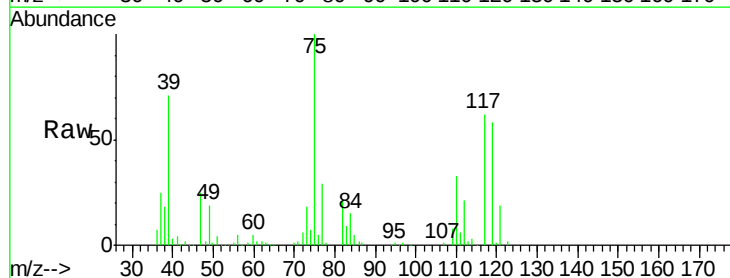
Manual Integrations
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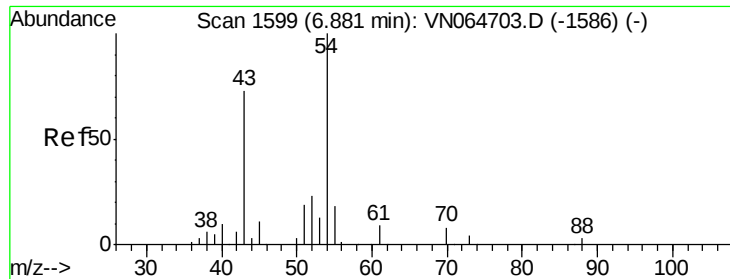
MMDadoda
 11/19/2020 2:10:31 PM



#36
 1,1-Dichloropropene
 Concen: 52.321 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	273616		
110	32.6	16.2	48.6	
77	30.3	24.4	36.6	





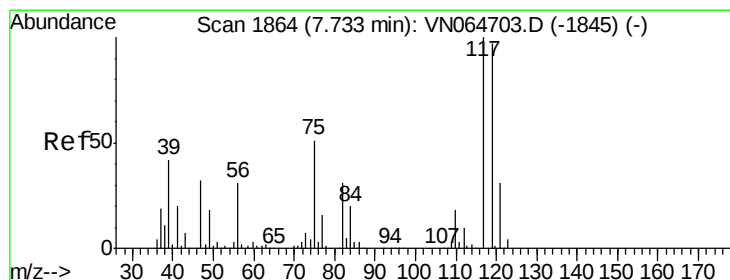
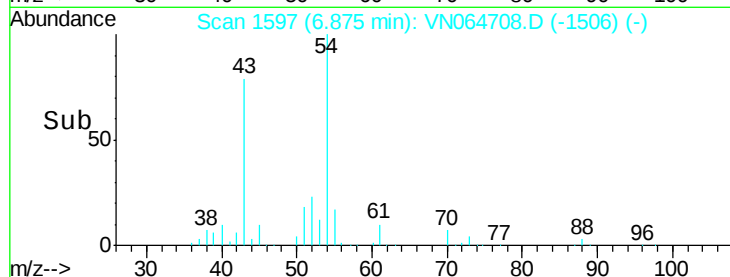
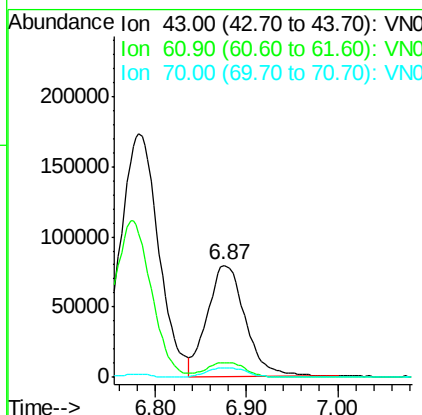
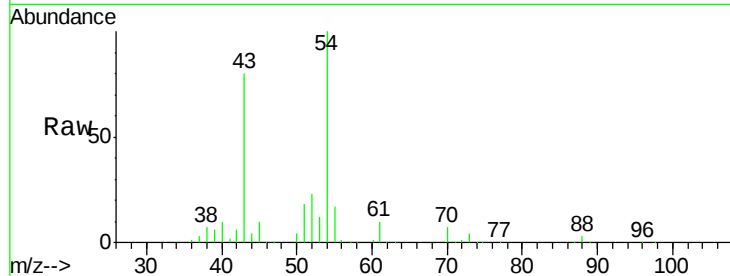
#37
Ethyl Acetate
Concen: 52.809 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	9.0	7.6	11.4

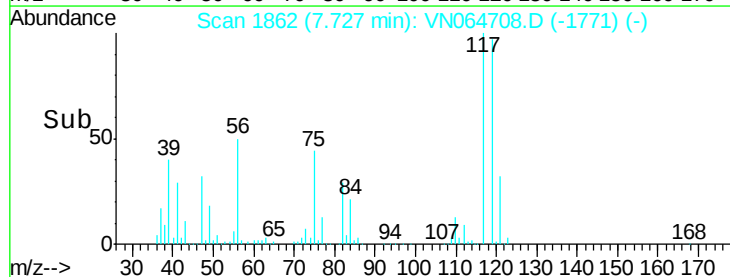
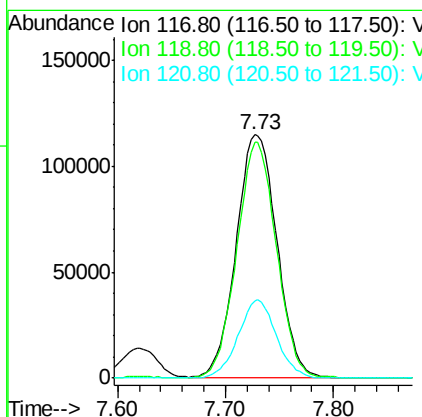
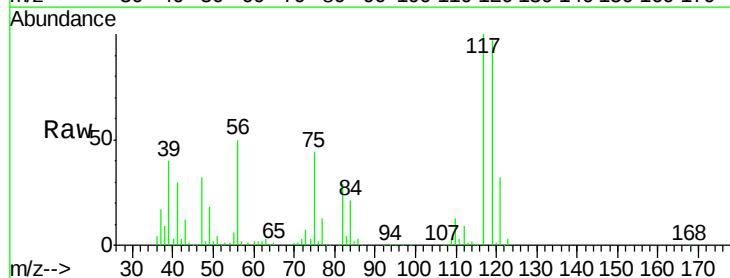
Manual Integrations
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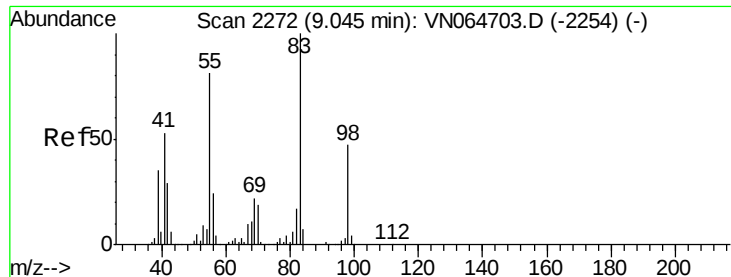
MMDadoda
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#38
Carbon Tetrachloride
Concen: 54.144 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.8	116.6
121	32.1	24.9	37.3





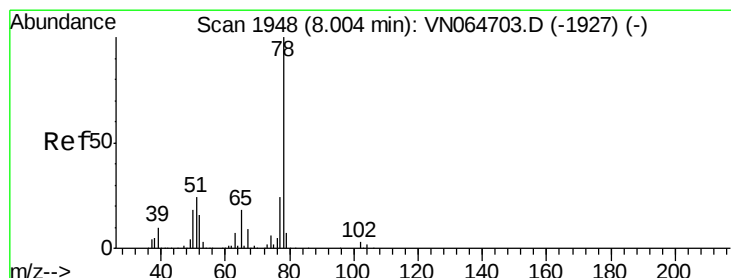
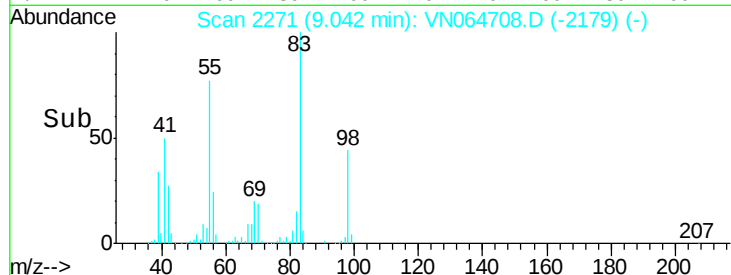
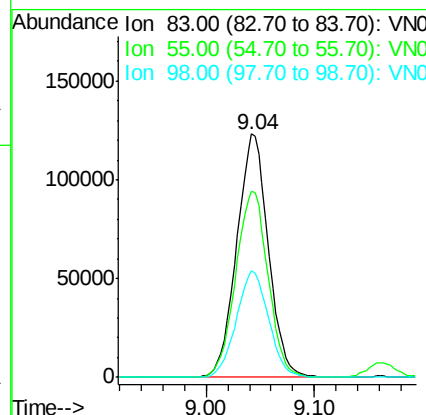
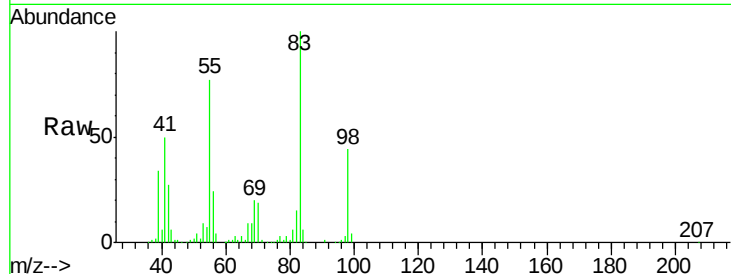
#39
Methvlcvclohexane
Concen: 54.021 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Resp	Lower	Upper
83	100	250316		
55	76.6		64.6	97.0
98	43.6		37.7	56.5

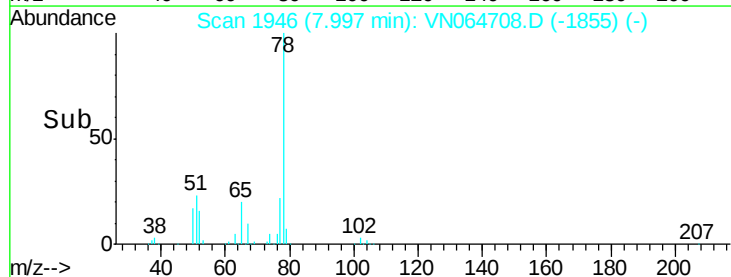
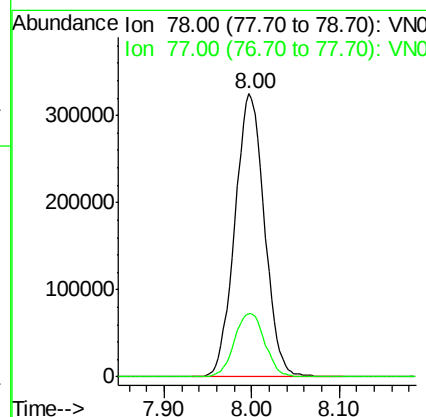
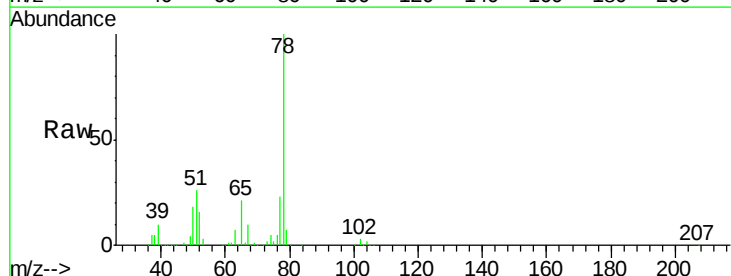
Manual Integrations
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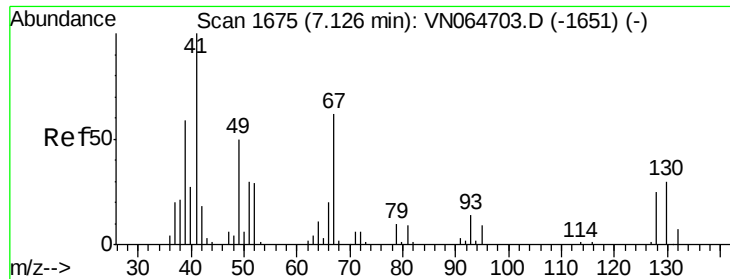
MMDadoda
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#40
Benzene
Concen: 52.410 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	763678		
77	22.5		19.2	28.8





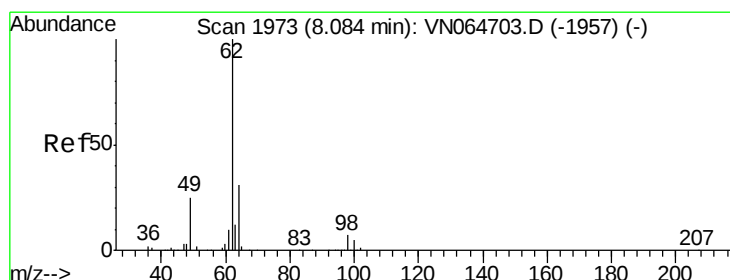
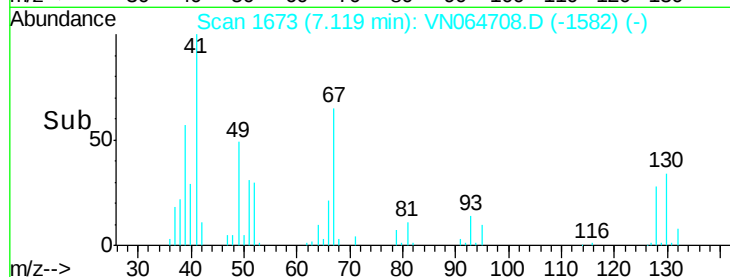
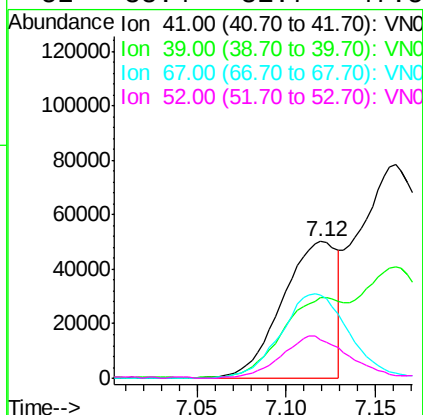
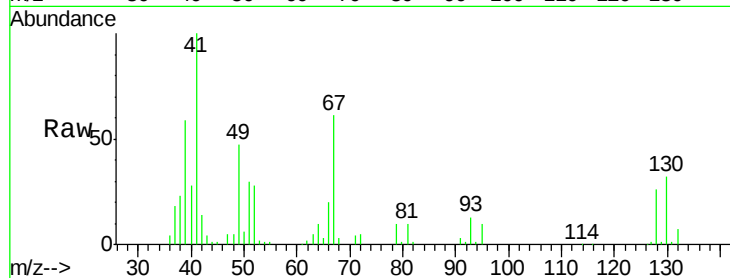
#41
Methacrylonitrile
Concen: 53.441 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	63.6	46.0	69.0	
67	77.4	67.0	100.4	
52	38.4	31.7	47.5	

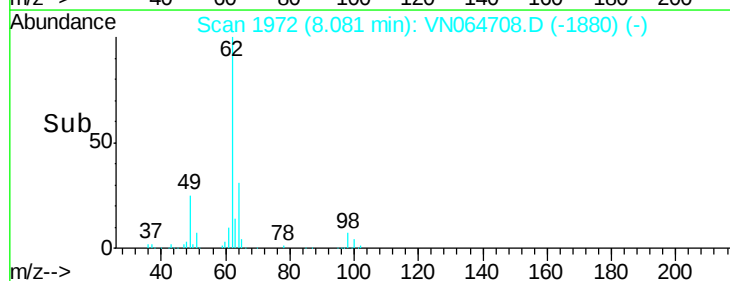
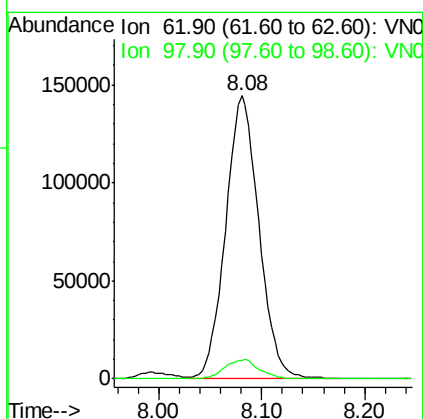
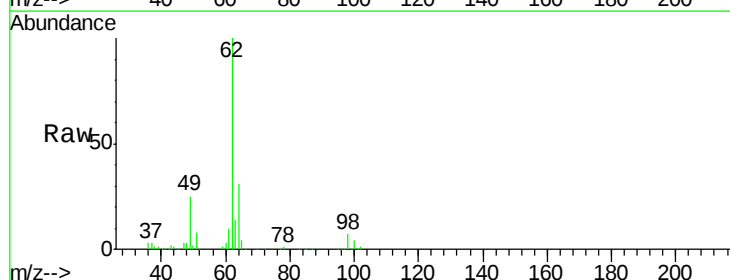
Manual Integrations
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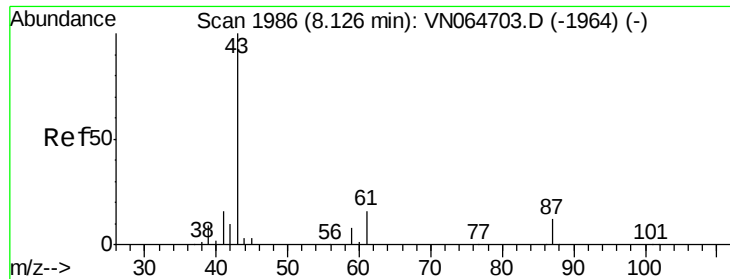
MMDadoda
11/19/2020 2:10:31 PM



#42
1,2-Dichloroethane
Concen: 51.560 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.2	0.0	13.6	





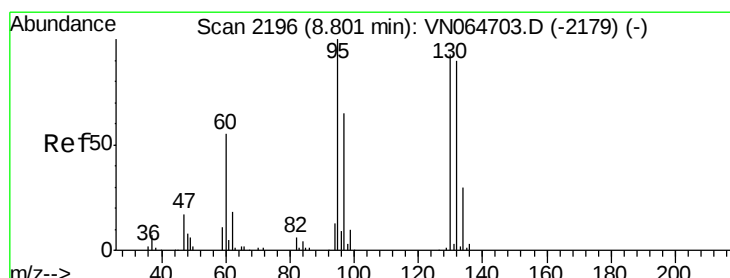
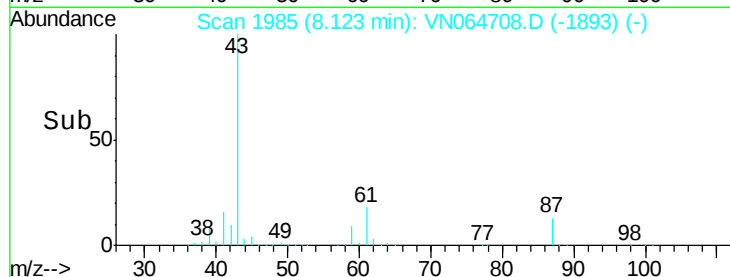
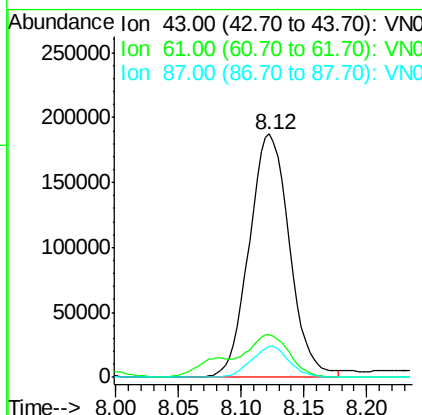
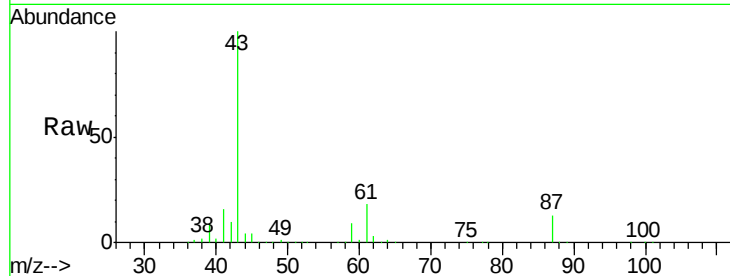
#43
Isopropyl Acetate
Concen: 49.168 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

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

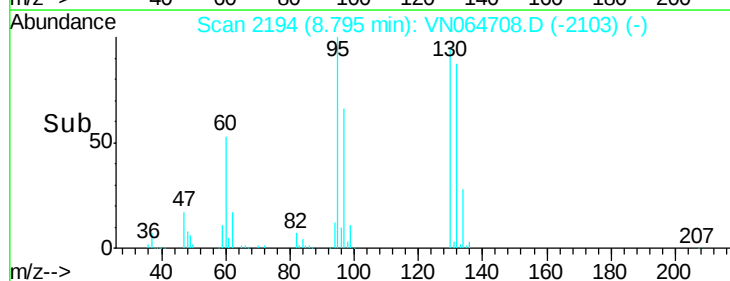
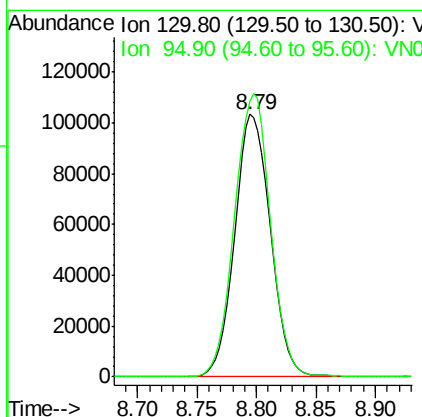
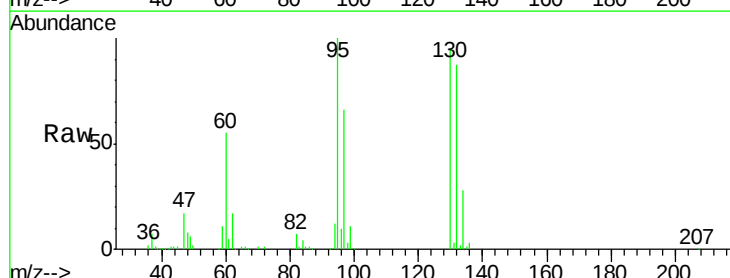
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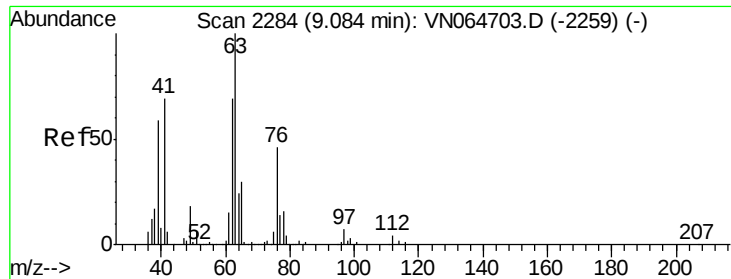
MMDadoda
11/19/2020 2:10:31 PM



#44
Trichloroethene
Concen: 51.350 ug/l
RT: 8.79 min Scan# 2194
Delta R.T. -0.01 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	214.2





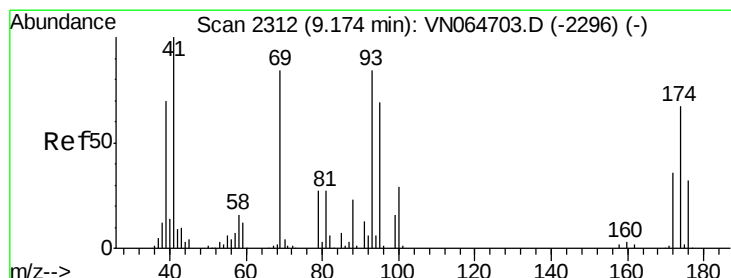
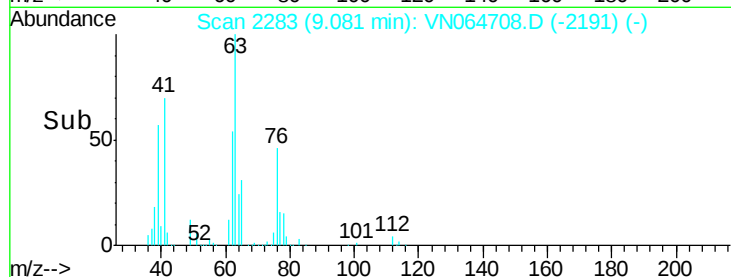
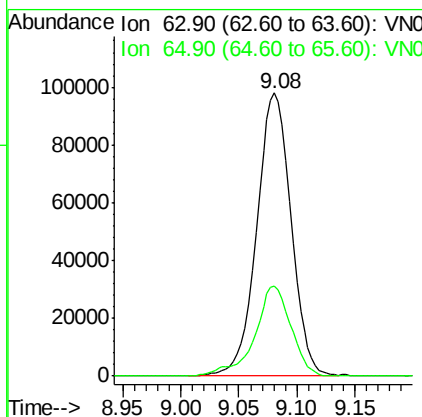
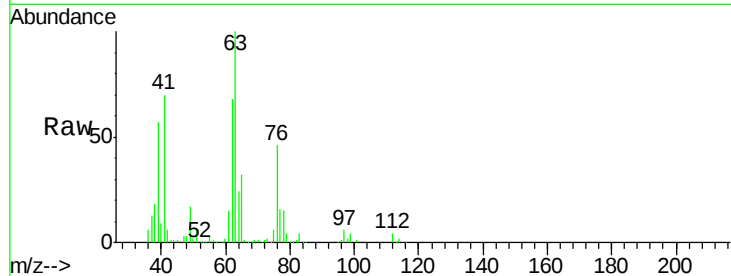
#45
 1,2-Dichloropropane
 Concen: 52.100 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Tot Ion: 63 Resp: 202355
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.0 36.0

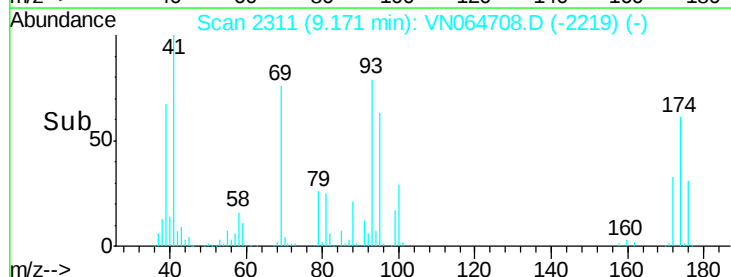
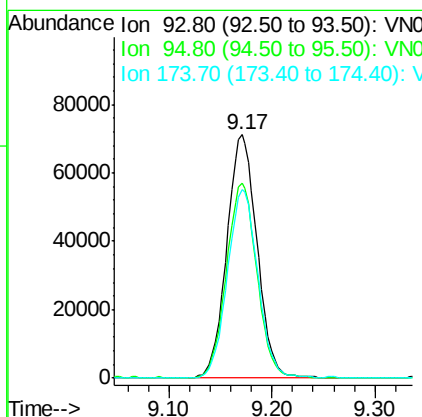
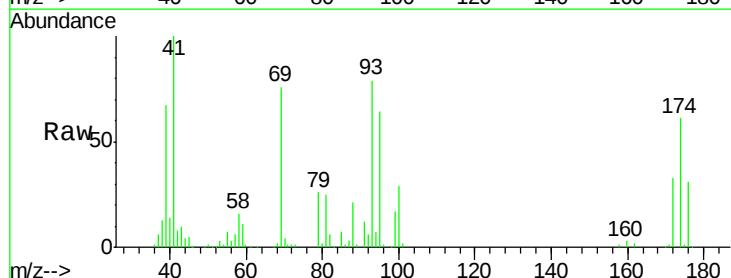
Manual Integrations
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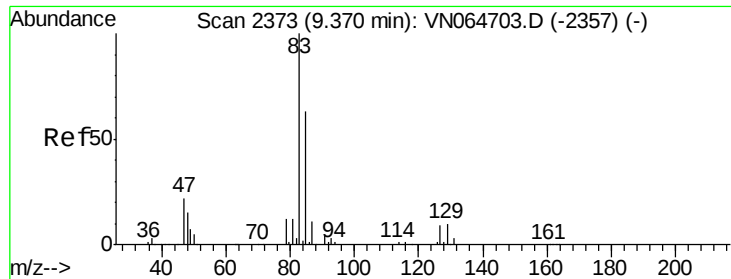
MMDadoda
 11/19/2020 2:10:31 PM



#46
 Dibromomethane
 Concen: 52.735 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Tgt Ion: 93 Resp: 145188
 Ion Ratio Lower Upper
 93 100
 95 81.0 64.6 97.0
 174 78.0 64.3 96.5





#47

Bromodichloromethane

Concen: 52.902 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

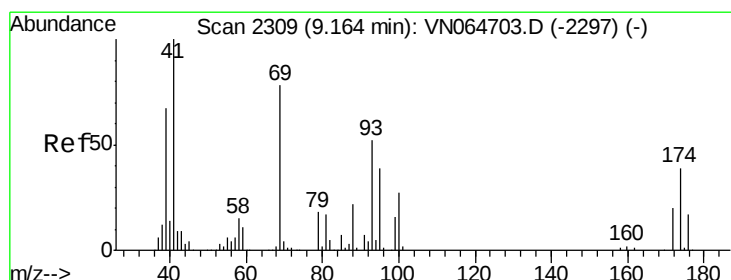
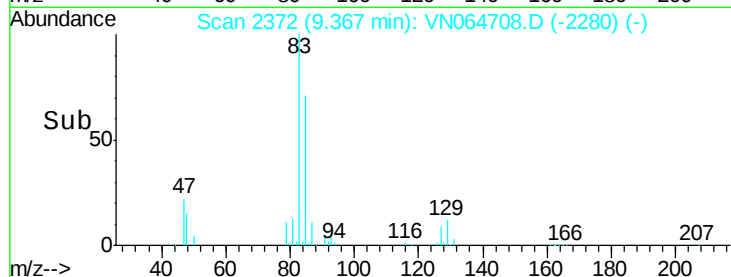
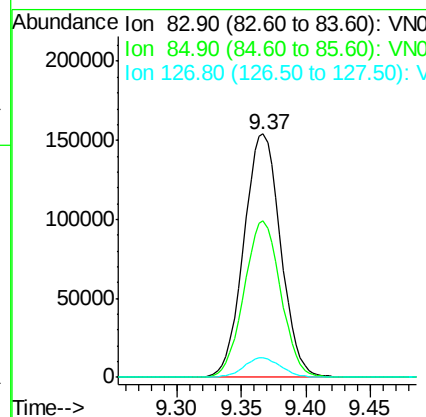
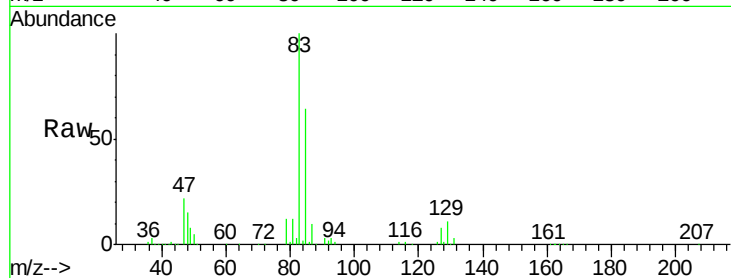
ClientSampleId :

ICVVN111820

Tot Ion:	83	Resp:	306192
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.8	76.2
127	7.9	7.0	10.4

Manual Integrations
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11/19/2020 2:10:31 PM



#48

Methyl methacrylate

Concen: 51.978 ug/l

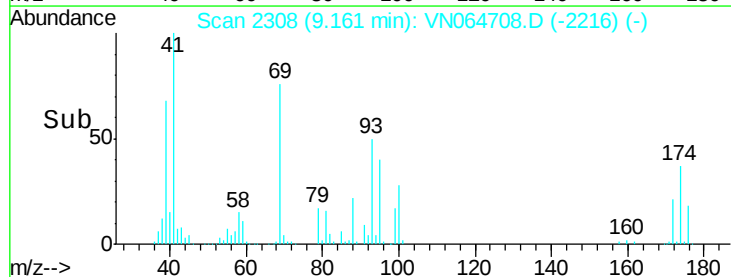
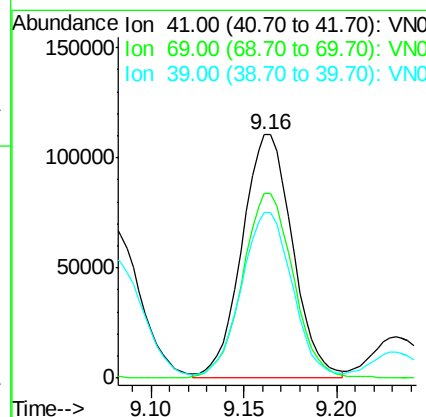
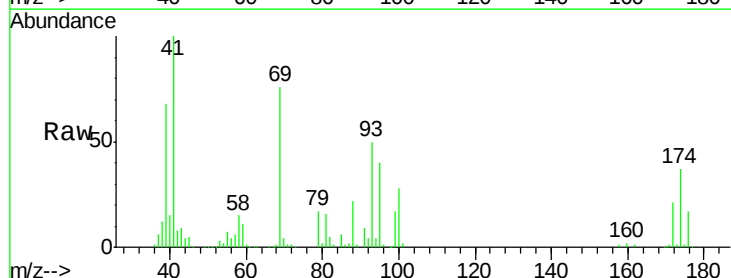
RT: 9.16 min Scan# 2308

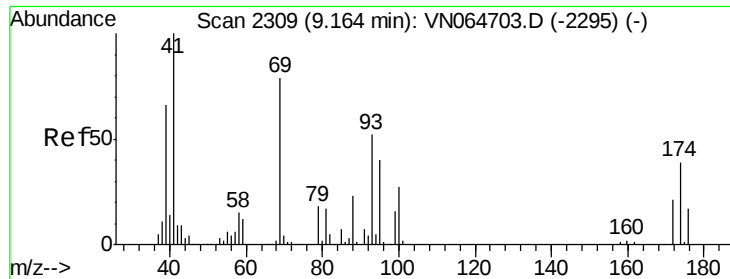
Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Tgt Ion:	41	Resp:	208158
Ion	Ratio	Lower	Upper
41	100		
69	76.9	62.3	93.5
39	68.6	55.1	82.7





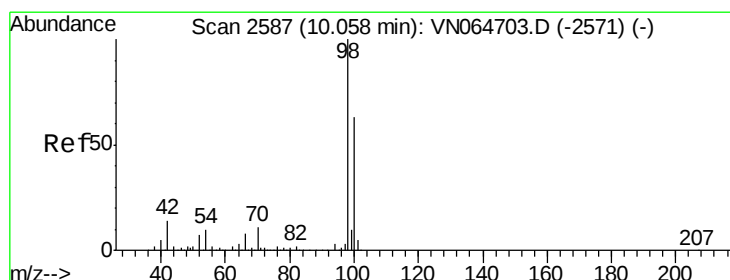
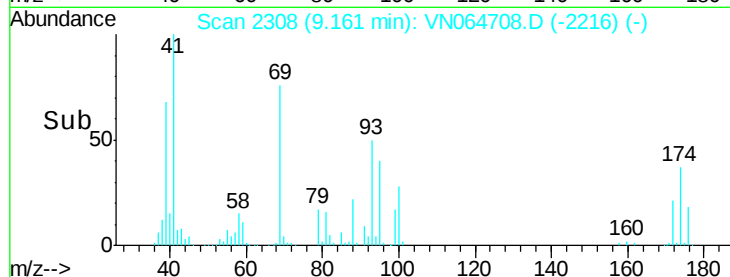
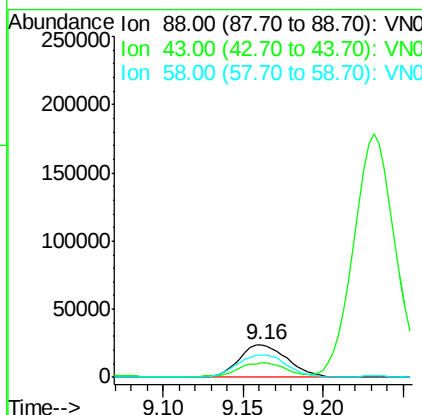
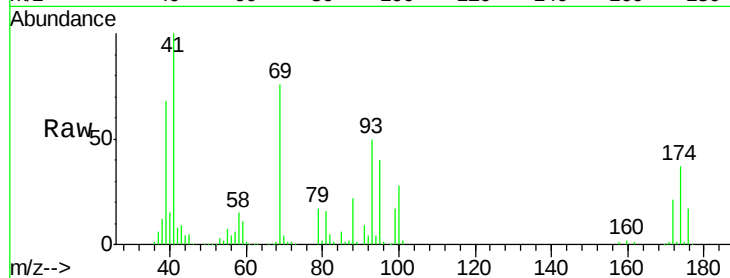
#49
1,4-Dioxane
Concen: 986.537 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	31.3	46.9
58	71.1	55.7	83.5

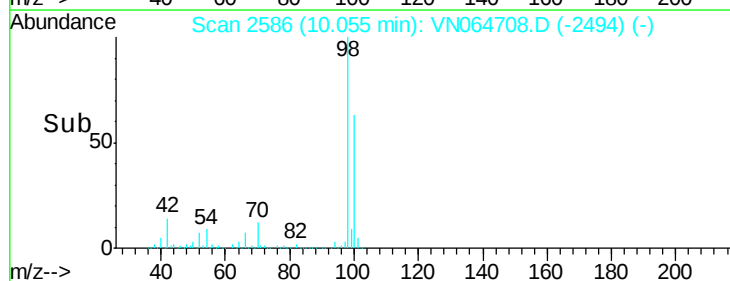
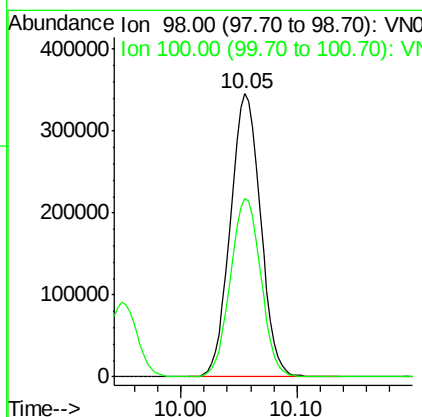
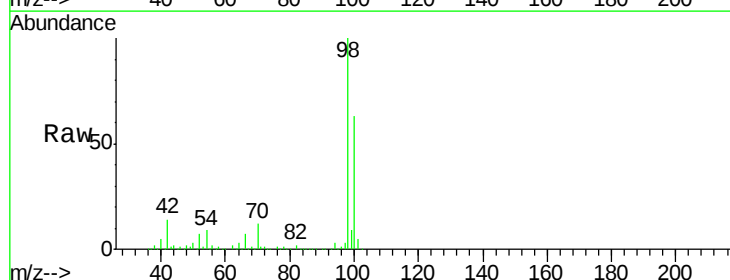
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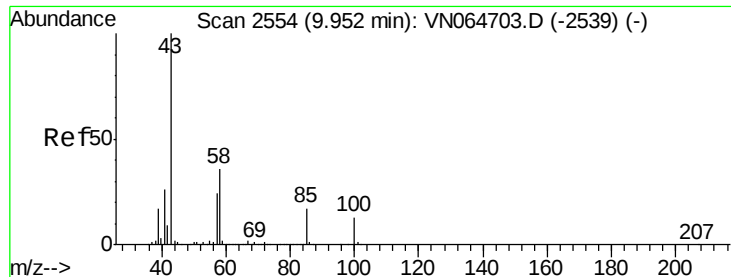
MMDadoda
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#50
Toluene-d8
Concen: 47.287 ug/l
RT: 10.05 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.4	75.6





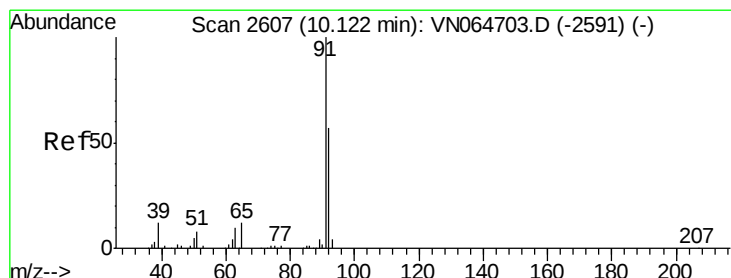
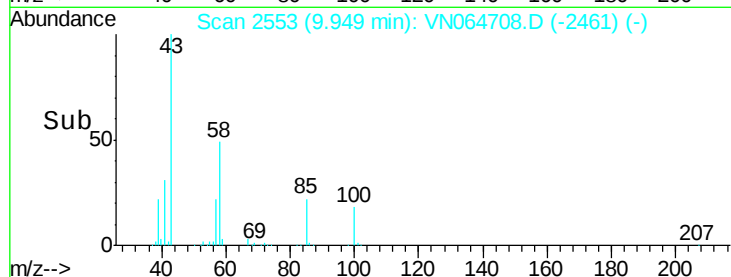
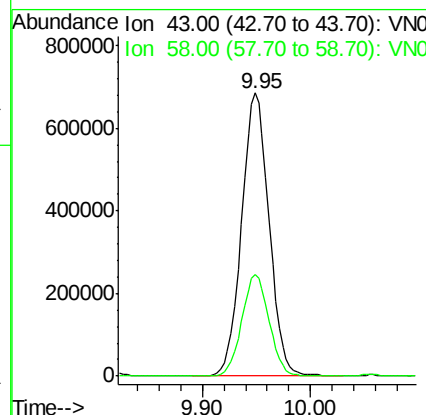
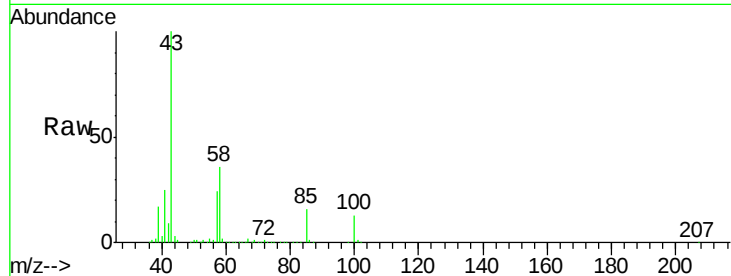
#51
4-Methyl-2-Pentanone
Concen: 236.646 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion: 43 Resp: 1210747
Ion Ratio Lower Upper
43 100
58 35.9 28.5 42.7

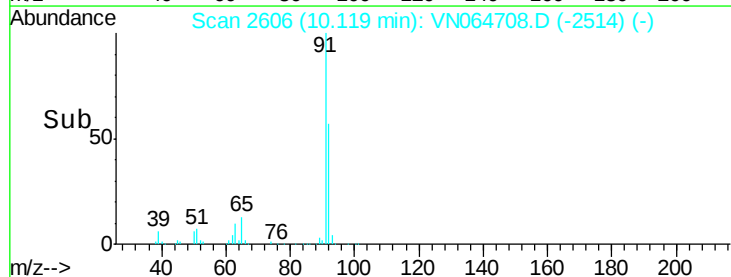
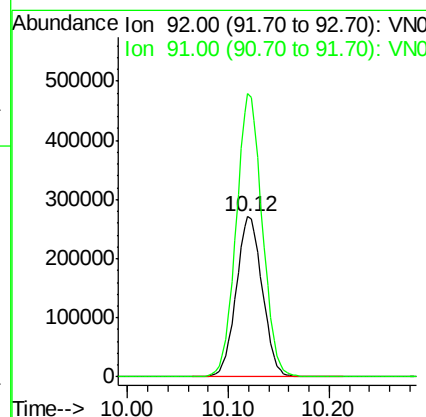
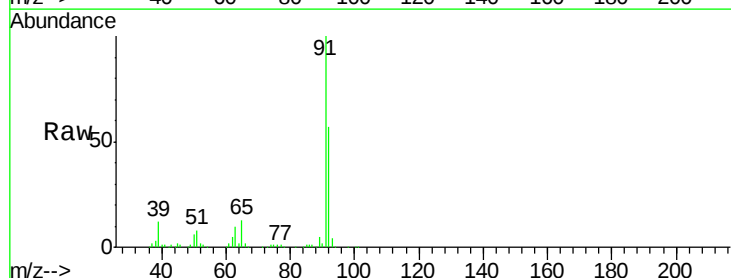
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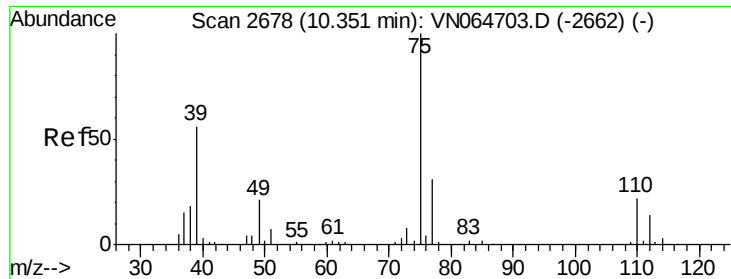
MMDadoda
11/19/2020 2:10:31 PM



#52
Toluene
Concen: 54.364 ug/l
RT: 10.12 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion: 92 Resp: 487882
Ion Ratio Lower Upper
92 100
91 176.5 141.2 211.8





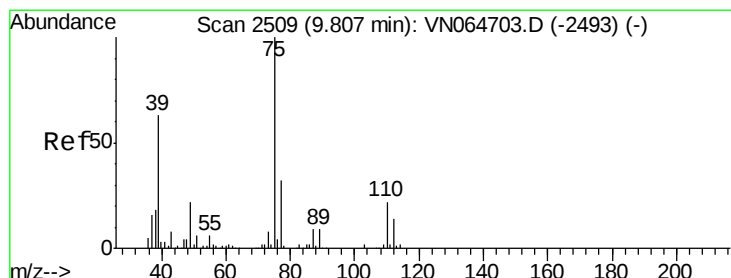
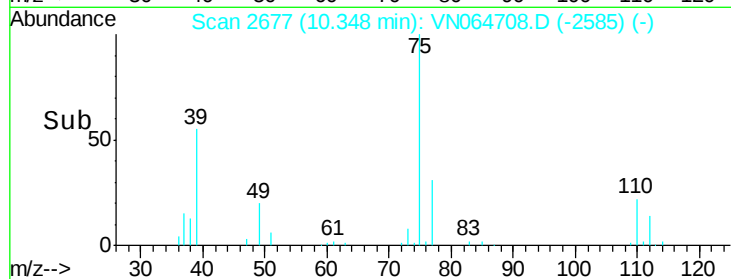
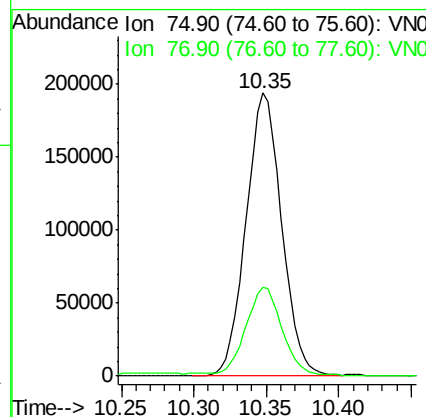
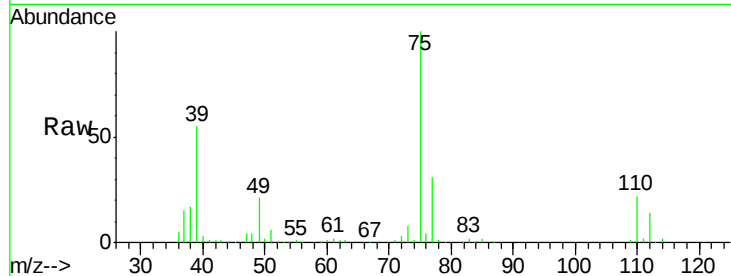
#53
t-1,3-Dichloropropene
Concen: 53.740 ug/l
RT: 10.35 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVFN111820

Tot Ion: 75 Resp: 332886
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

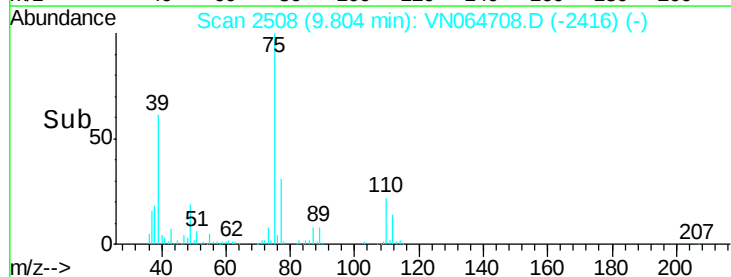
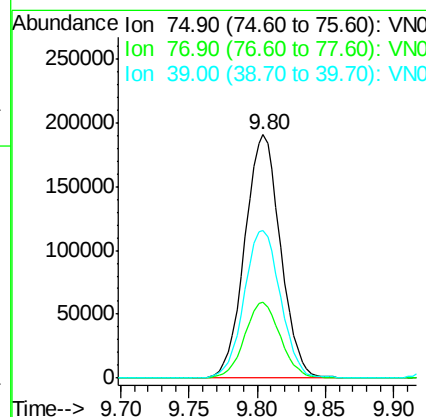
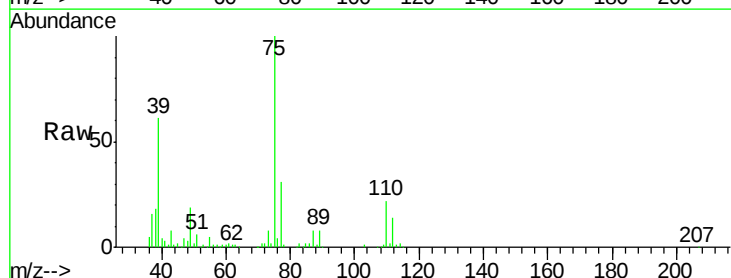
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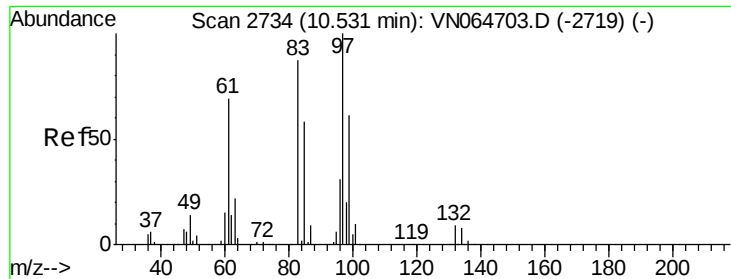
MMDadoda
11/19/2020 2:10:31 PM



#54
cis-1,3-Dichloropropene
Concen: 54.239 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion: 75 Resp: 345955
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.8
39 60.7 50.5 75.7





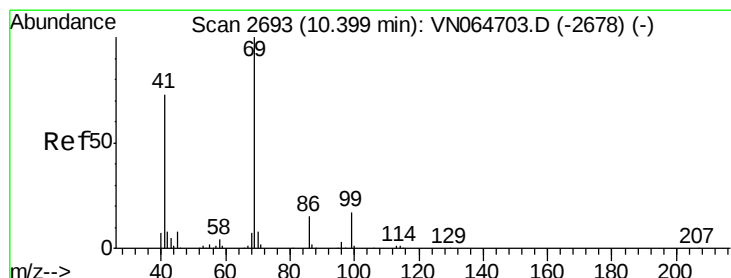
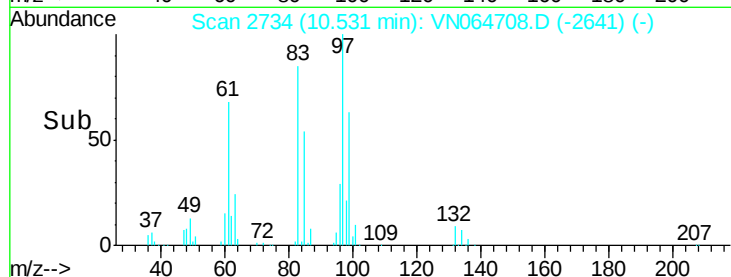
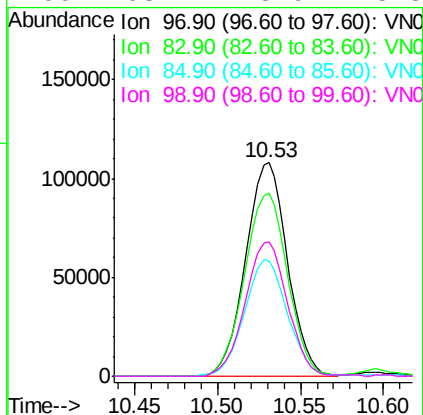
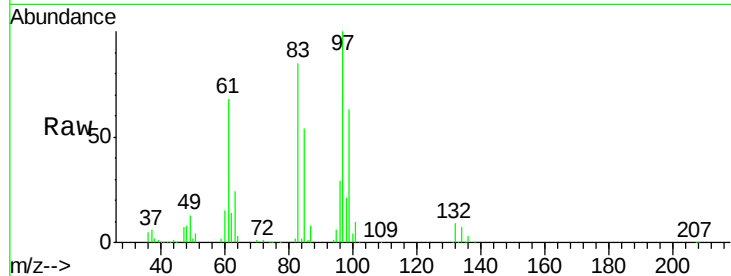
#55
 1,1,2-Trichloroethane
 Concen: 52.693 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Tot Ion:	97	Resp:	189667
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.6	104.4
85	54.0	46.6	70.0
99	63.1	48.9	73.3

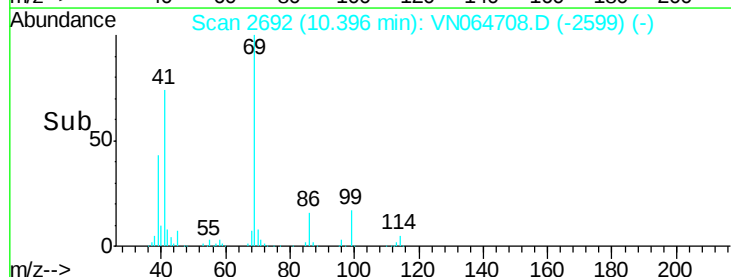
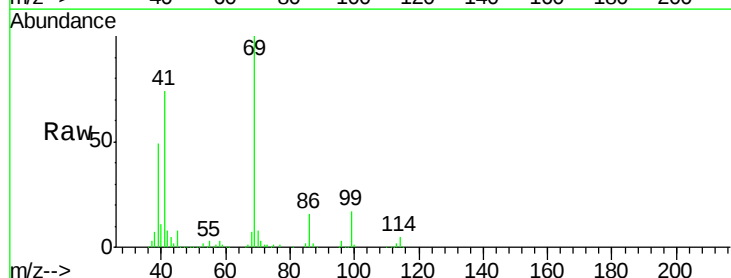
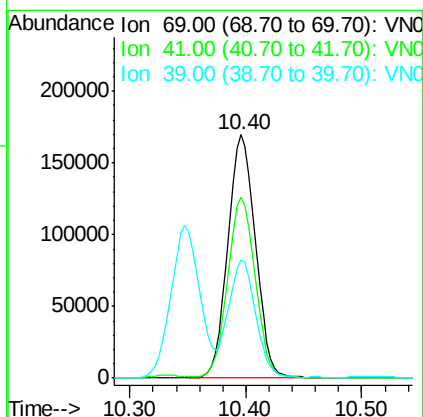
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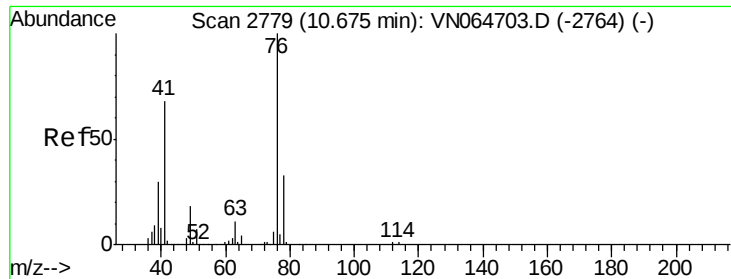
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#56
 Ethyl methacrylate
 Concen: 47.348 ug/l
 RT: 10.40 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Tgt Ion:	69	Resp:	278873
Ion	Ratio	Lower	Upper
69	100		
41	73.6	59.0	88.4
39	47.7	38.4	57.6





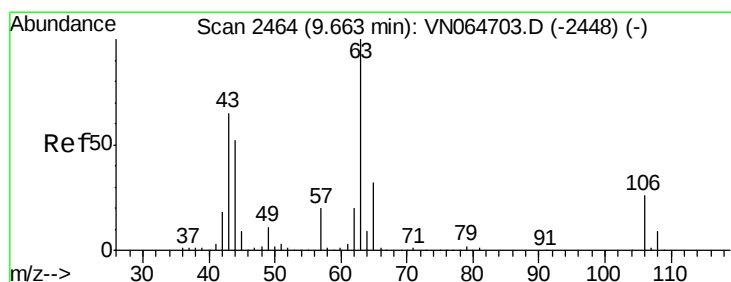
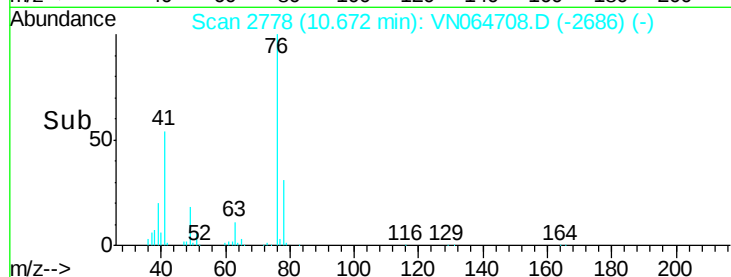
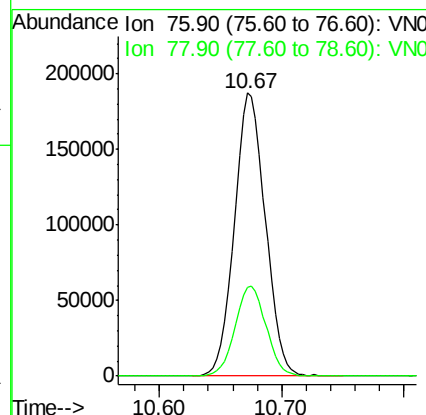
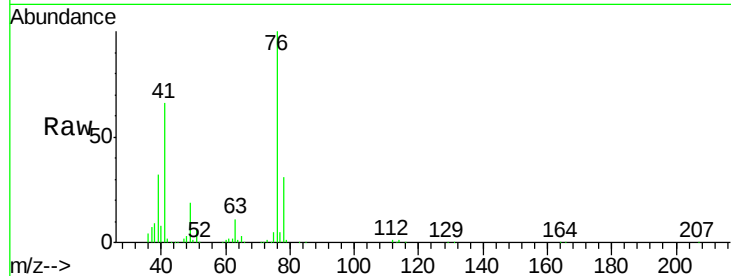
#57
 1,3-Dichloropropane
 Concen: 52.940 ug/l
 RT: 10.67 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Tot Ion: 76 Resp: 330090
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.4 39.6

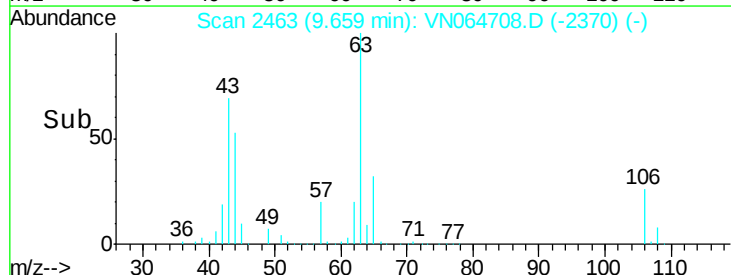
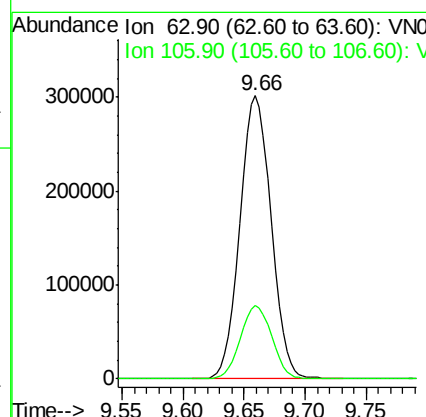
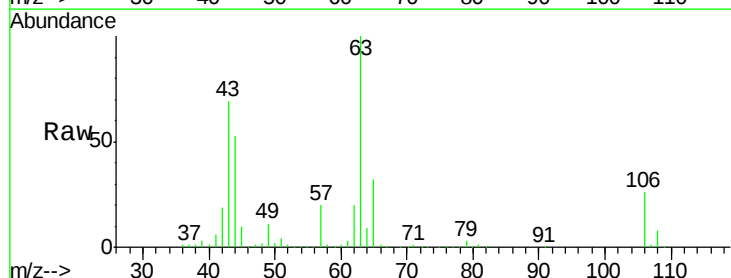
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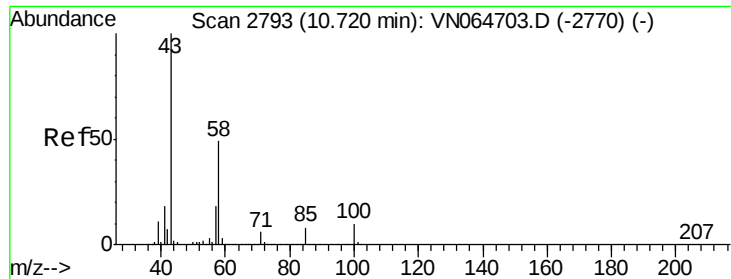
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 11/19/2020 2:10:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 169.750 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Tgt Ion: 63 Resp: 533874
 Ion Ratio Lower Upper
 63 100
 106 26.0 20.9 31.3





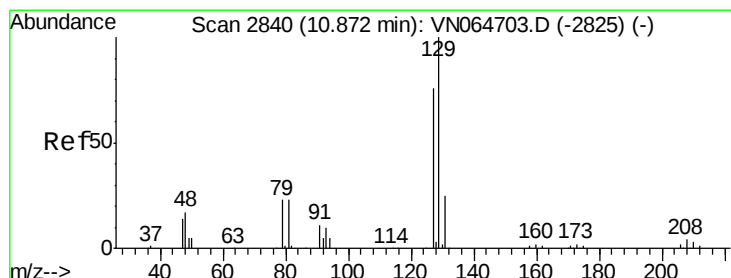
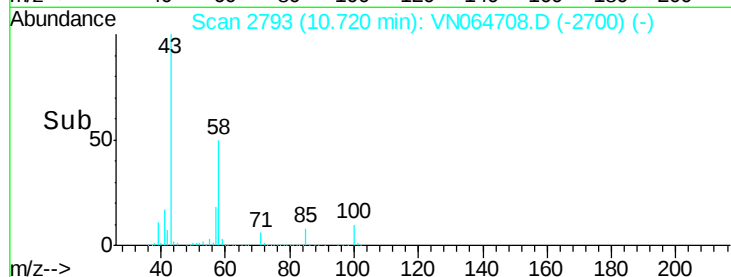
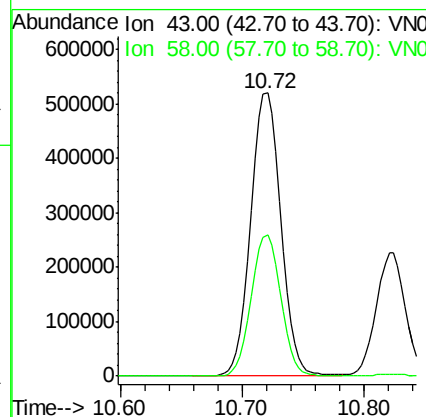
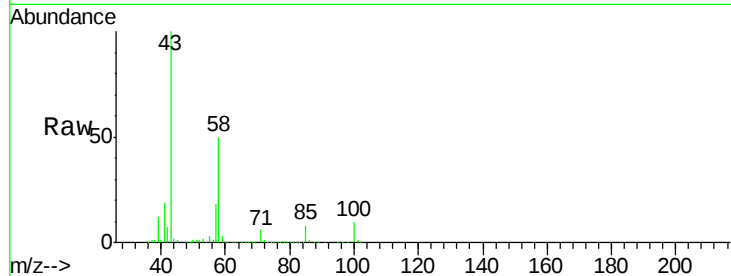
#59
2-Hexanone
Concen: 234.334 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	43	Resp	879934
Ion Ratio	100	Lower	Upper
43	100		
58	49.4	24.4	73.4

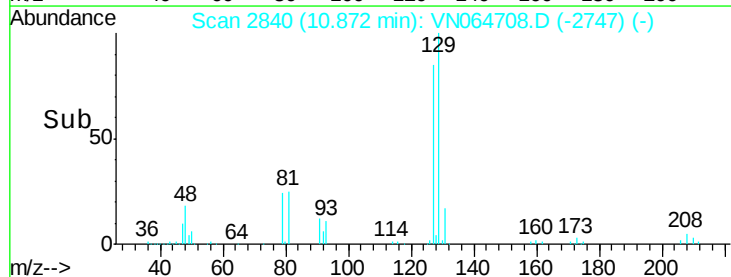
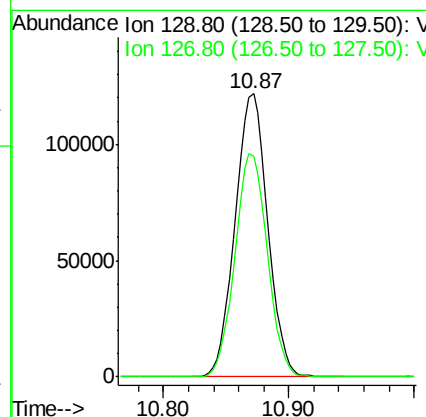
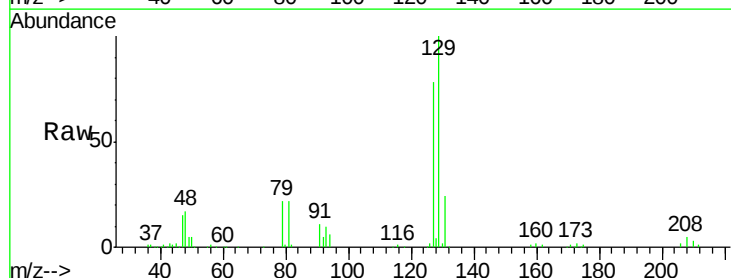
Manual Integrations
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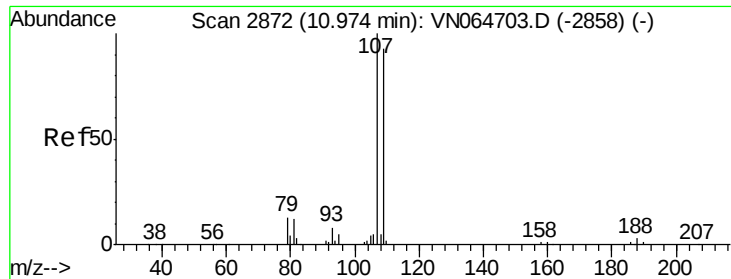
MMDadoda
11/19/2020 2:10:31 PM



#60
Dibromochloromethane
Concen: 52.884 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	129	Resp	219925
Ion Ratio	100	Lower	Upper
129	100		
127	78.5	38.8	116.4





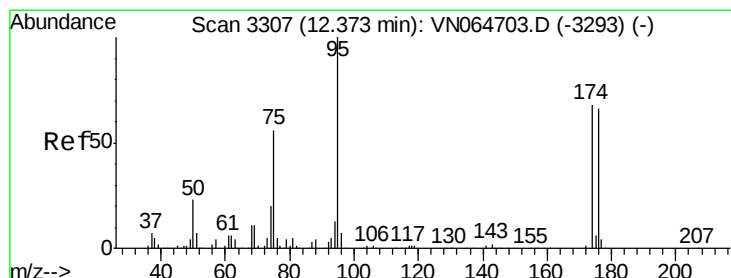
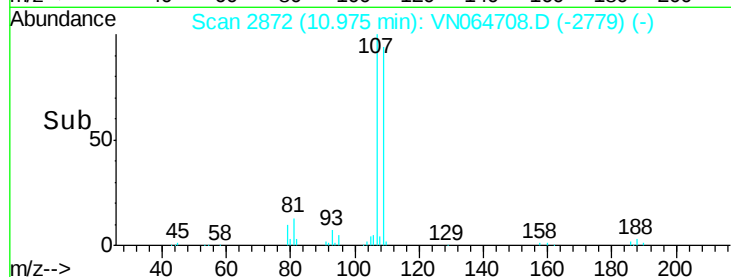
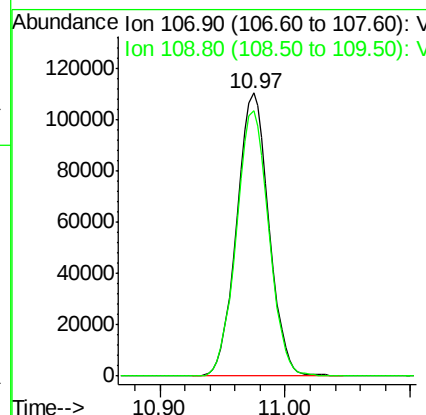
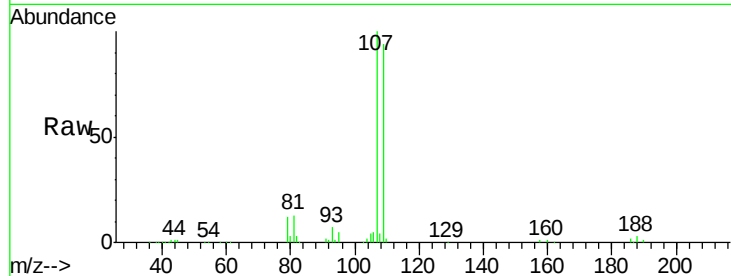
#61
 1,2-Dibromoethane
 Concen: 51.185 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.2	111.4

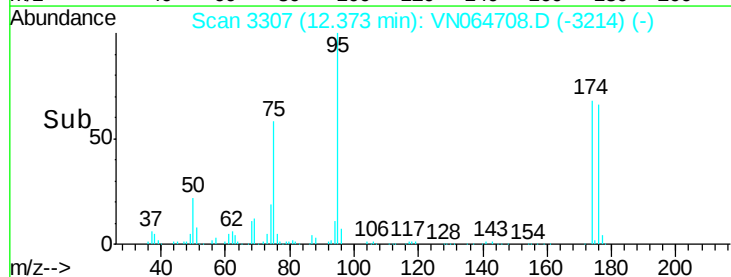
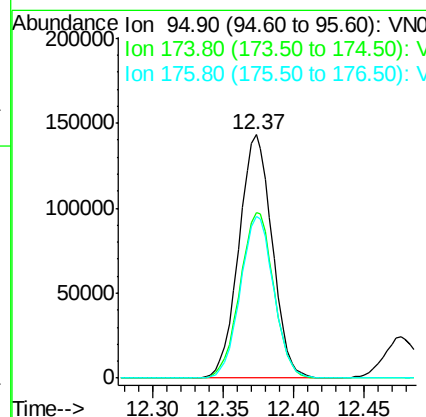
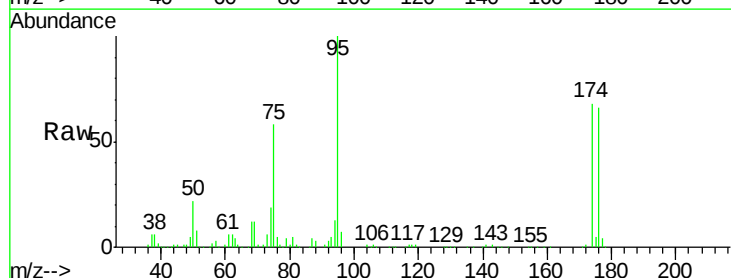
Manual Integrations
 APPROVED

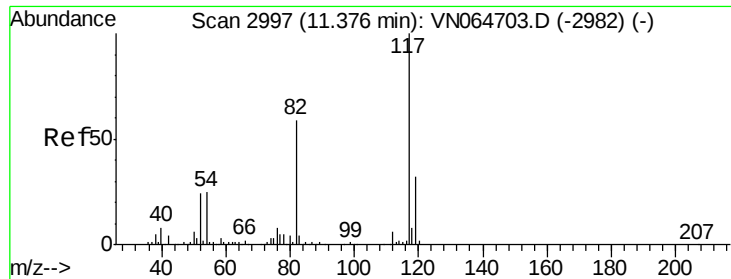
MMDadoda
 11/19/2020 2:10:31 PM



#62
 4-Bromofluorobenzene
 Concen: 48.319 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.8	0.0	136.8
176	66.4	0.0	134.2





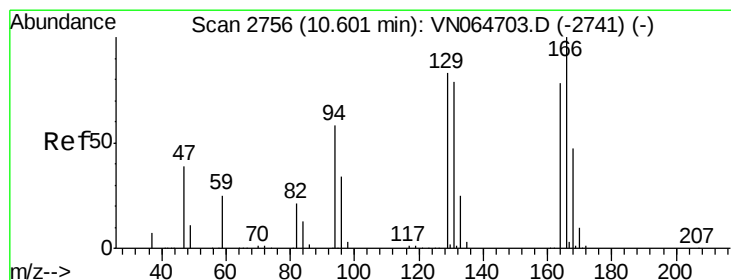
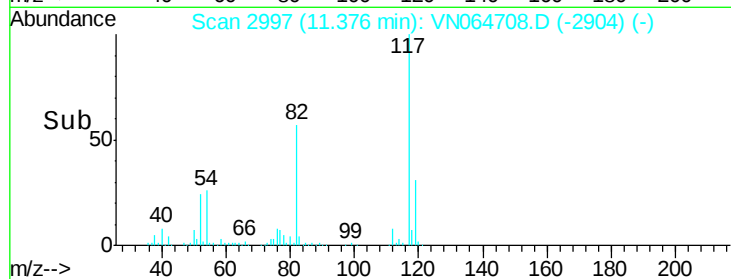
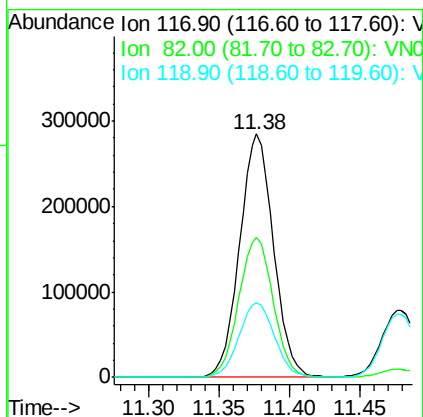
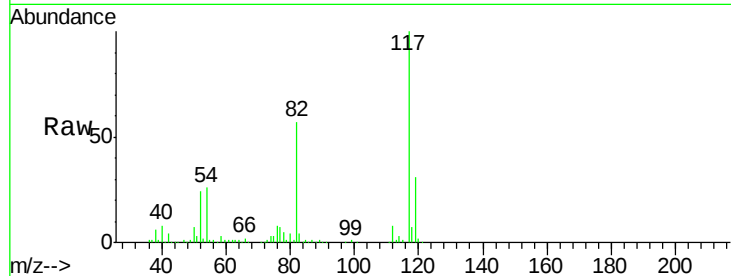
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Resp	Lower	Upper
117	100	479305		
82	57.3		47.0	70.6
119	30.8		25.4	38.2

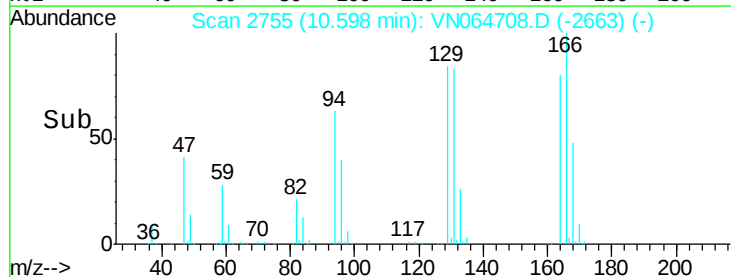
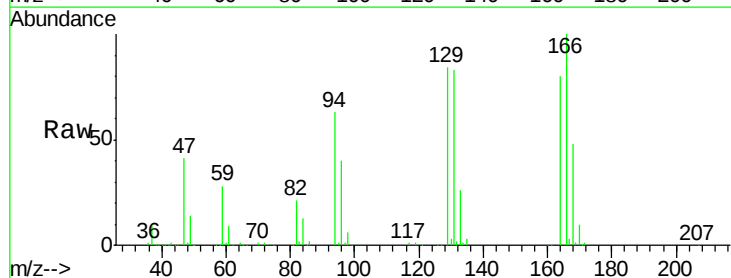
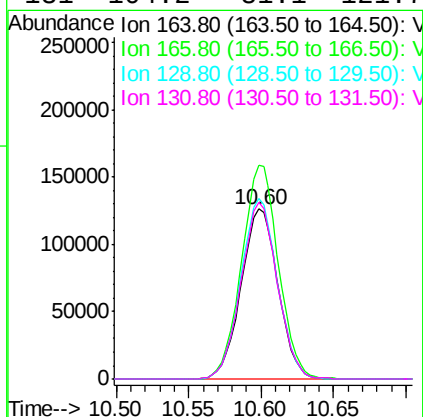
Manual Integrations
APPROVED

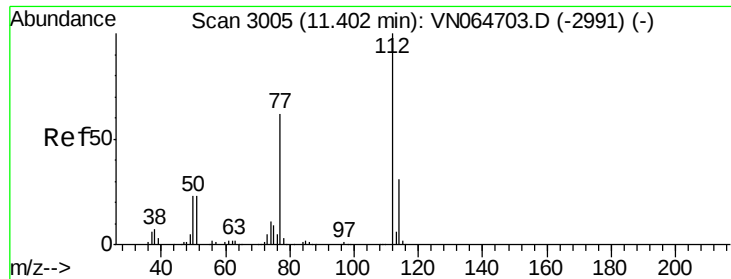
MMDadoda
11/19/2020 2:10:31 PM



#64
Tetrachloroethene
Concen: 52.754 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	224161		
166	125.7		102.2	153.4
129	106.1		84.7	127.1
131	104.2		81.1	121.7





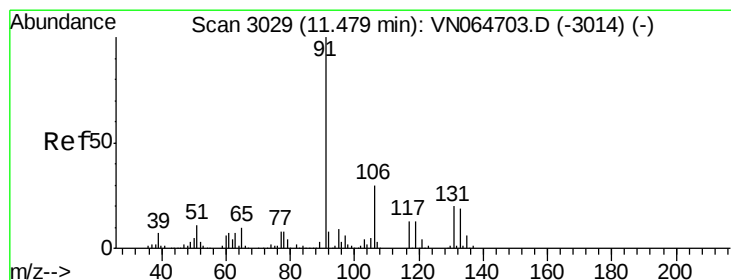
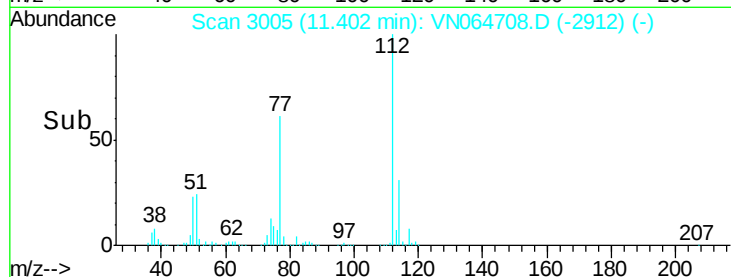
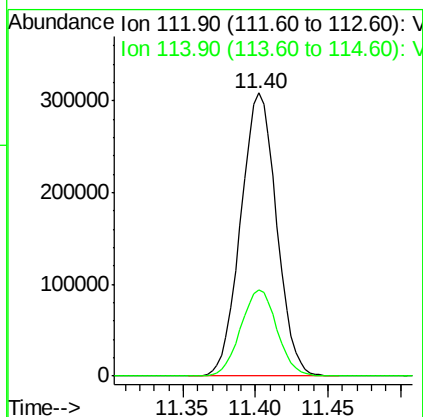
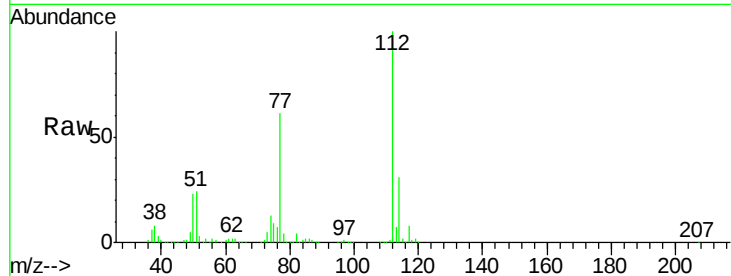
#65
Chlorobenzene
Concen: 52.123 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion:112 Resp: 531429
Ion Ratio Lower Upper
112 100
114 30.5 24.7 37.1

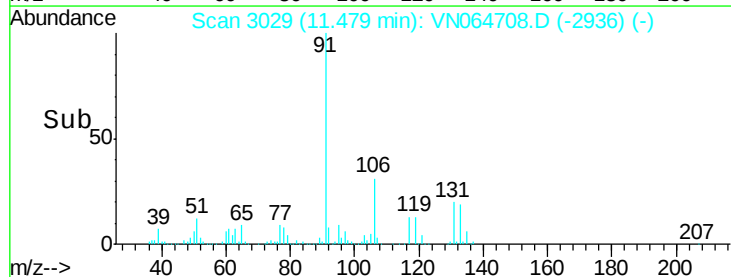
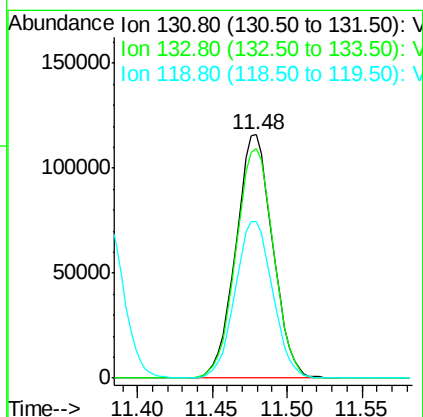
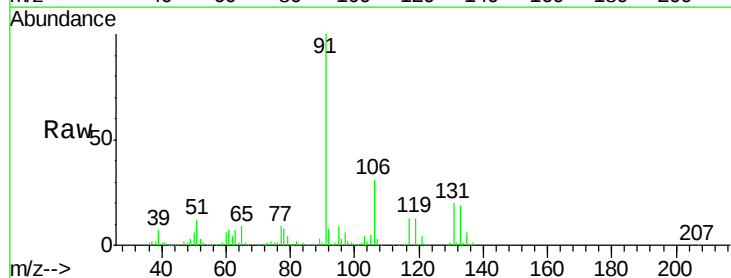
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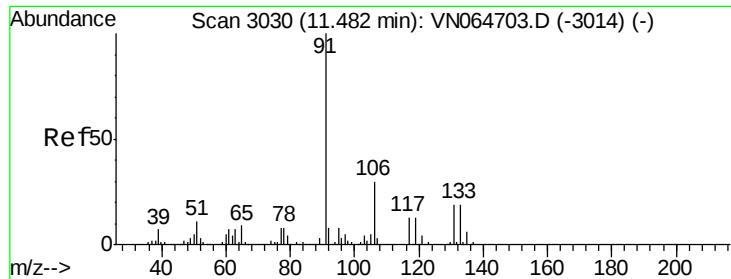
MMDadoda
11/19/2020 2:10:31 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.367 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion:131 Resp: 199496
Ion Ratio Lower Upper
131 100
133 96.2 48.8 146.4
119 65.3 33.5 100.4





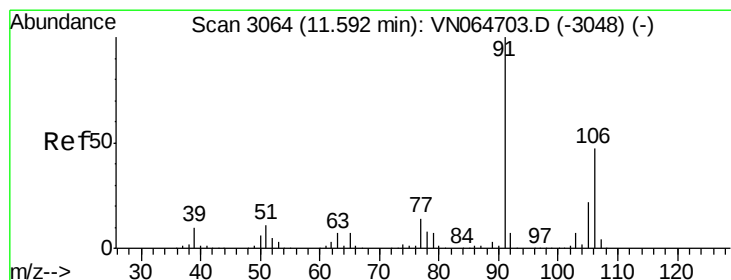
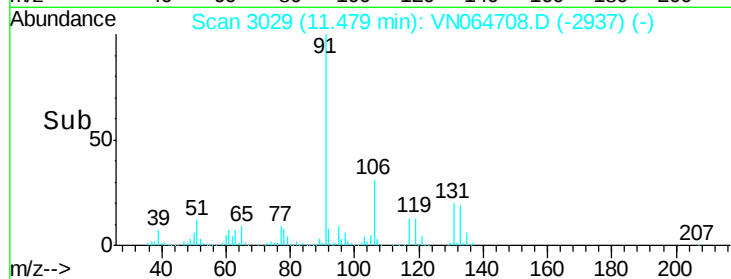
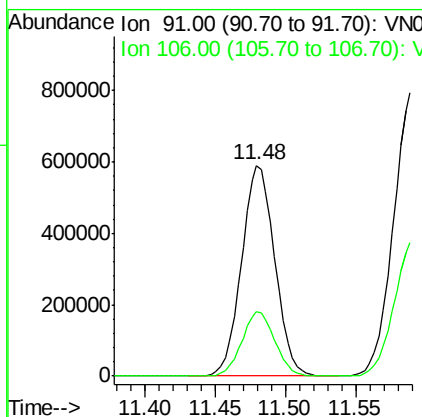
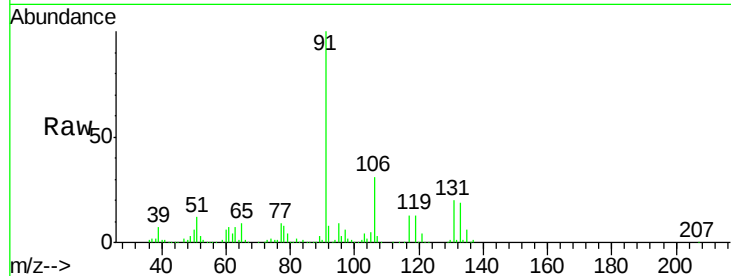
#67
Ethyl Benzene
Concen: 54.120 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampled :
ICVVN111820

Tot Ion: 91 Resp: 972886
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9

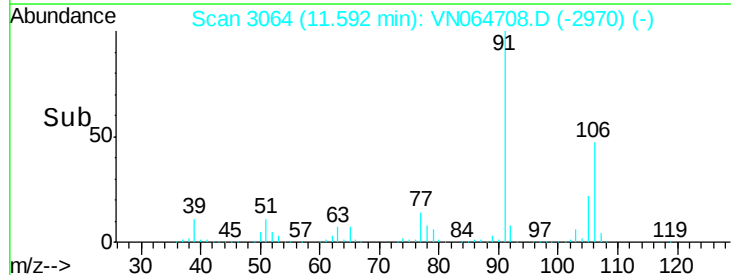
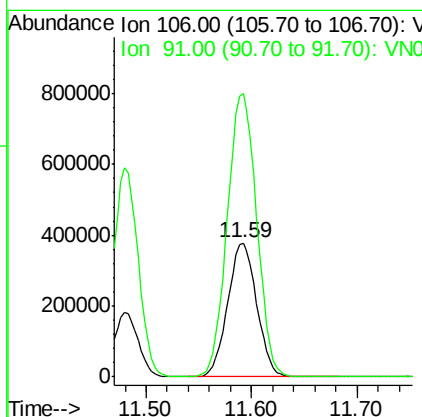
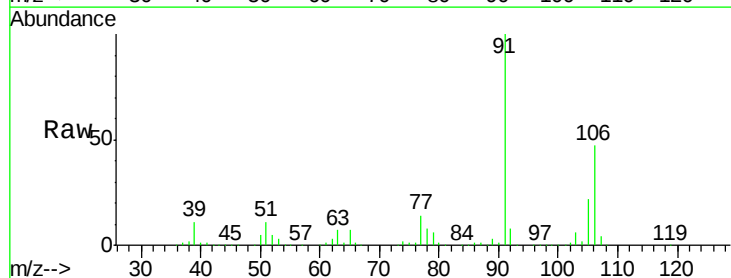
Manual Integrations
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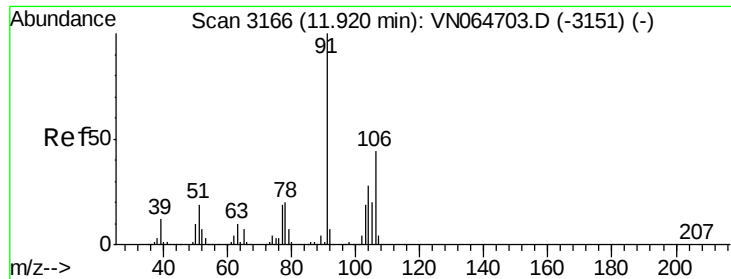
MMDadoda
11/19/2020 2:10:31 PM



#68
m/p-Xylenes
Concen: 98.332 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion: 106 Resp: 717285
Ion Ratio Lower Upper
106 100
91 214.7 171.9 257.9





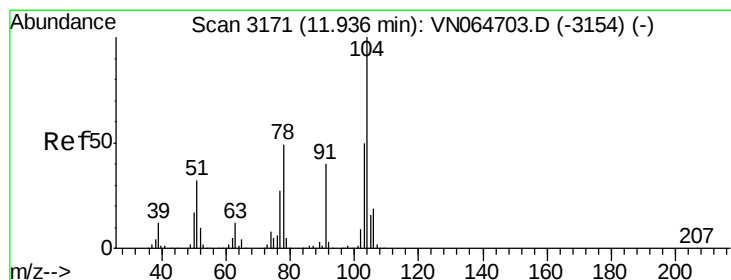
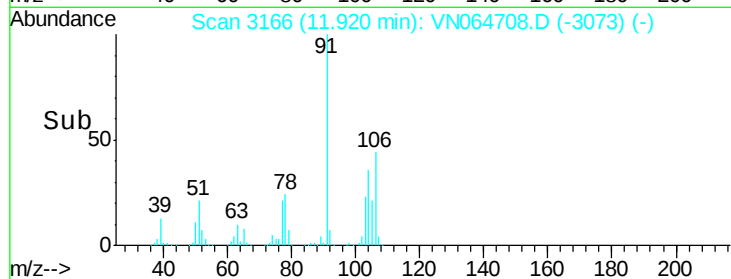
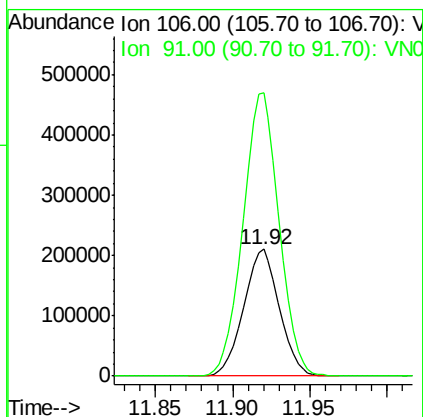
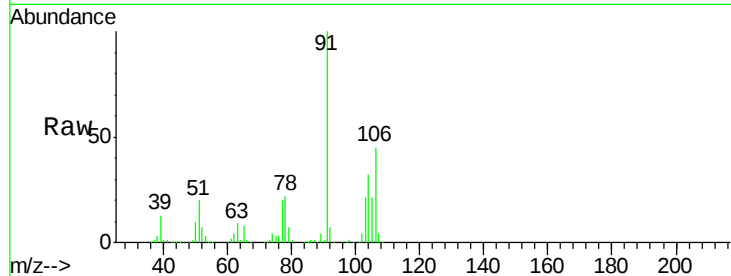
#69
o-Xylene
Concen: 53.939 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVFN111820

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	226.2	112.1	336.3		

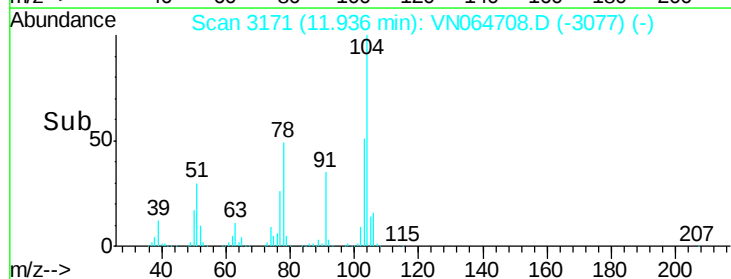
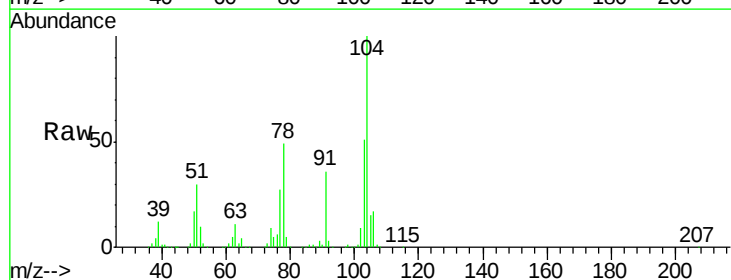
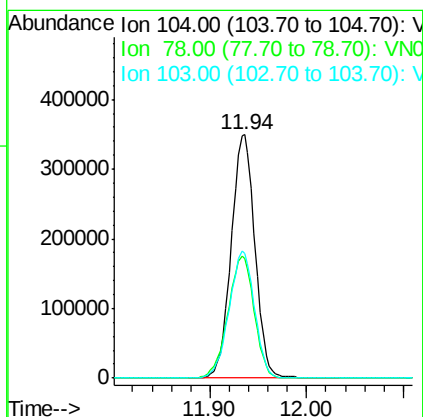
Manual Integrations
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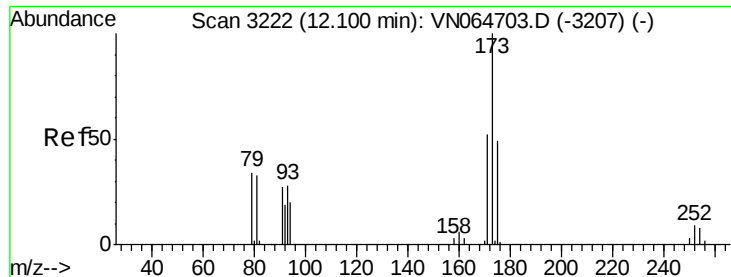
MMDadoda
11/19/2020 2:10:31 PM



#70
Styrene
Concen: 48.724 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	55.2	44.1	66.1		
103	55.9	43.7	65.5		





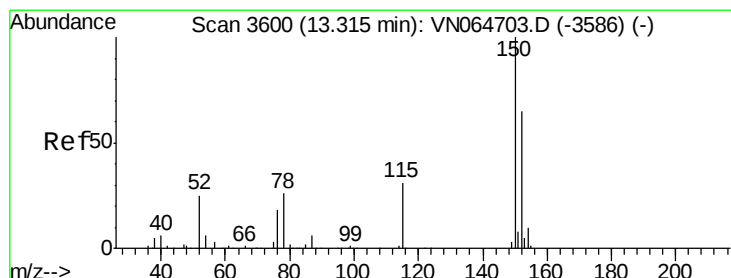
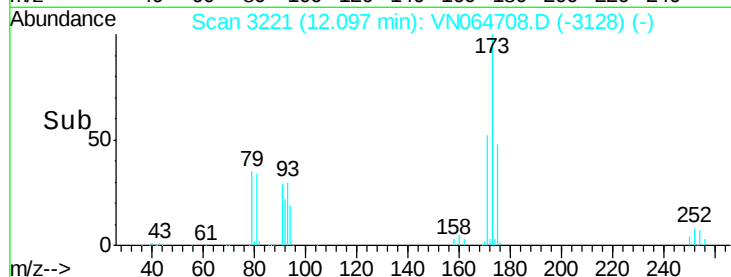
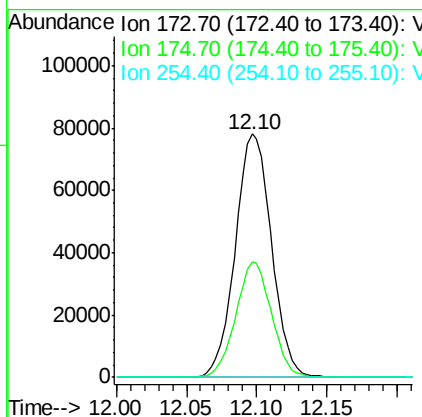
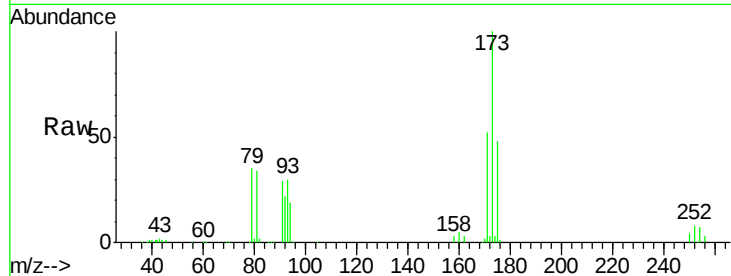
#71
Bromoform
Concen: 47.478 ug/l
RT: 12.10 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.7	24.3	72.9
254	0.0	0.1	0.1#

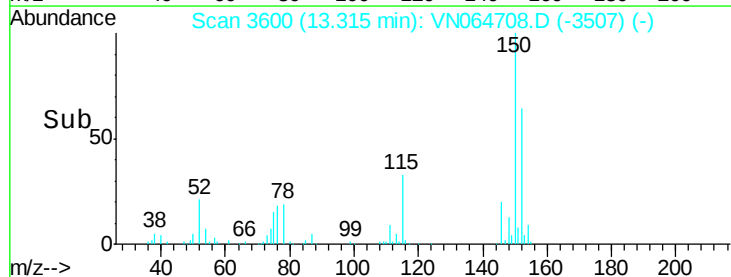
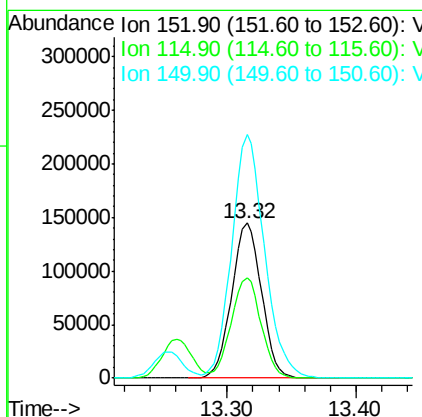
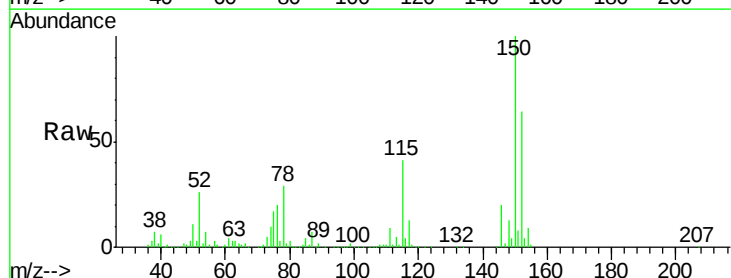
Manual Integrations
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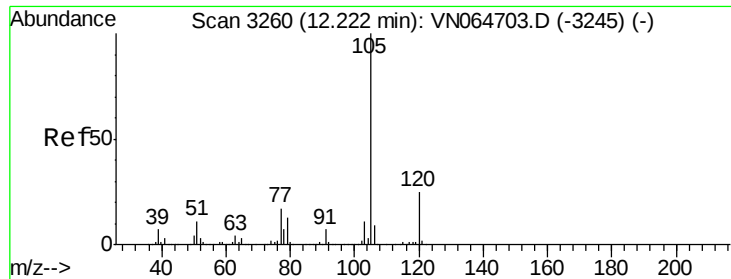
MMDadoda
11/19/2020 2:10:31 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.9	32.1	96.3
150	172.1	0.0	344.8





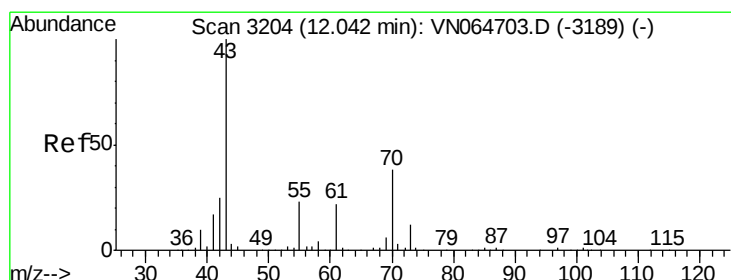
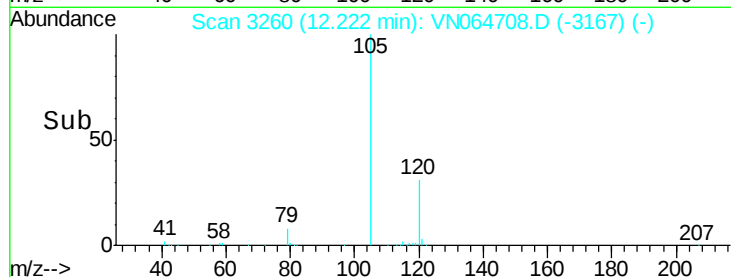
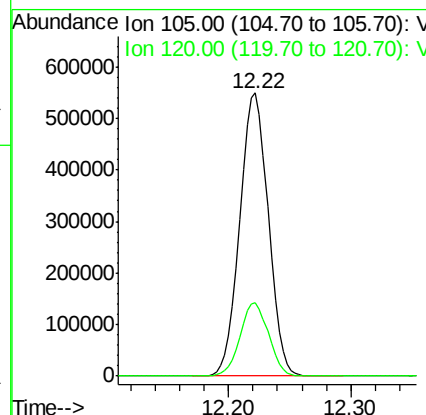
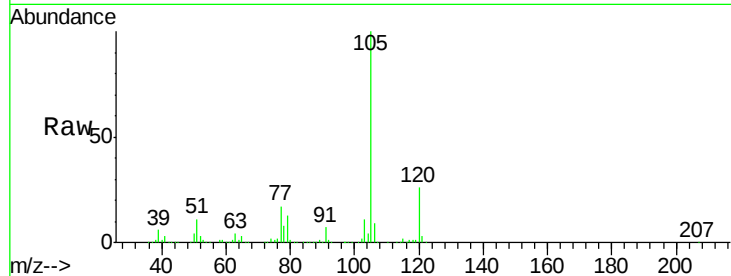
#73
Isopropylbenzene
Concen: 53.908 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.3

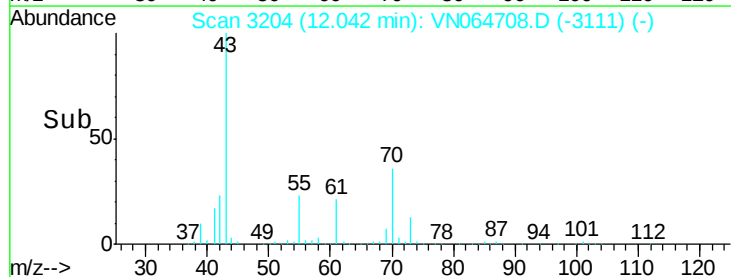
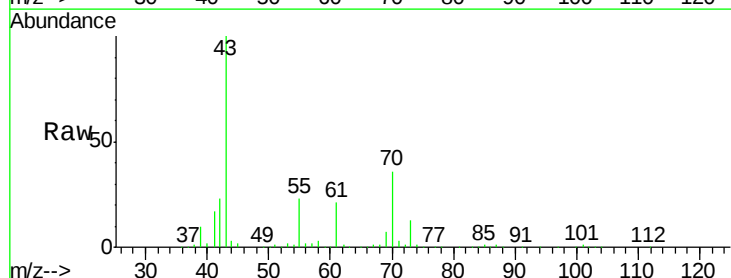
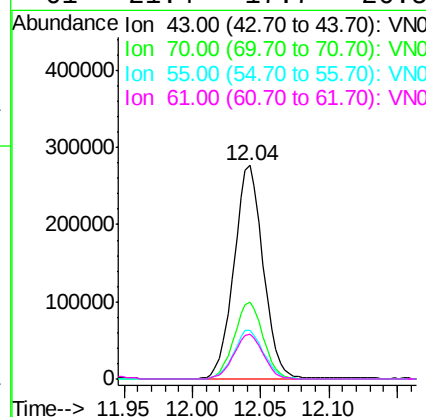
Manual Integrations
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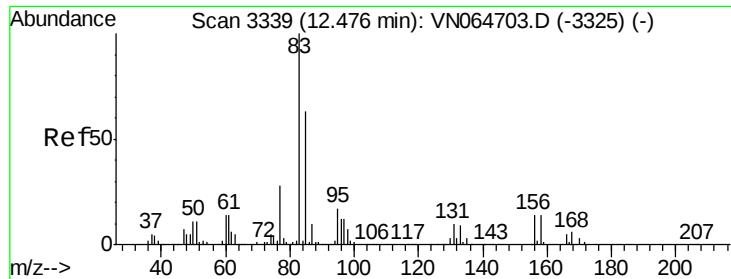
MMDadoda
11/19/2020 2:10:31 PM



#74
N-ethyl acetate
Concen: 53.104 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.0	30.3	45.5
55	23.4	18.9	28.3
61	21.4	17.7	26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.574 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

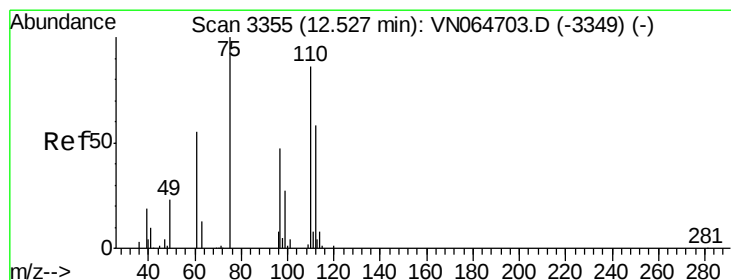
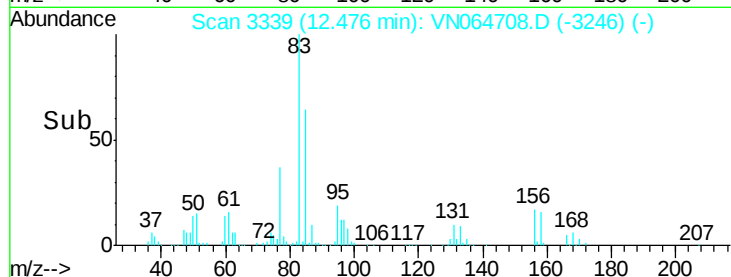
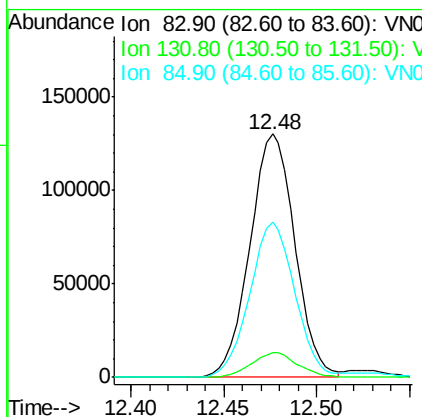
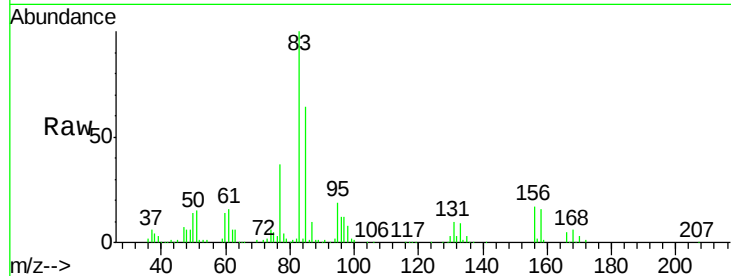
ClientSampleId :

ICVVN111820

Tot Ion:	83	Resp:	219461
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.0	15.0
85	63.8	31.8	95.4

Manual Integrations
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MMDadoda
11/19/2020 2:10:31 PM



#76

1,2,3-Trichloropropane

Concen: 54.808 ug/l m

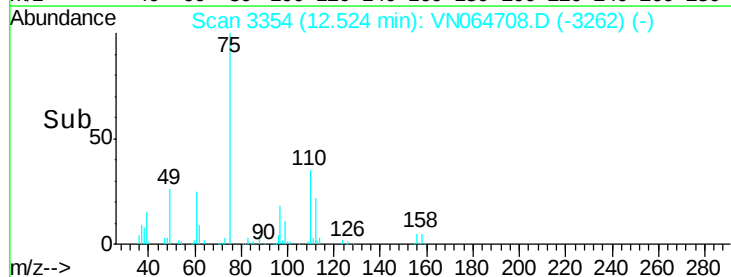
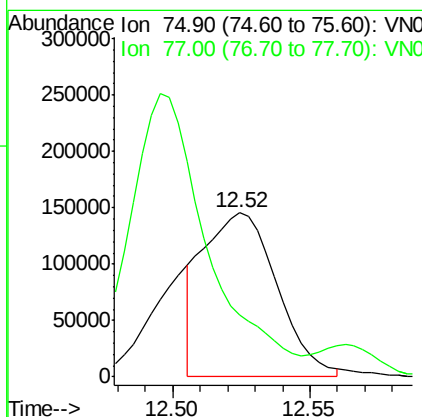
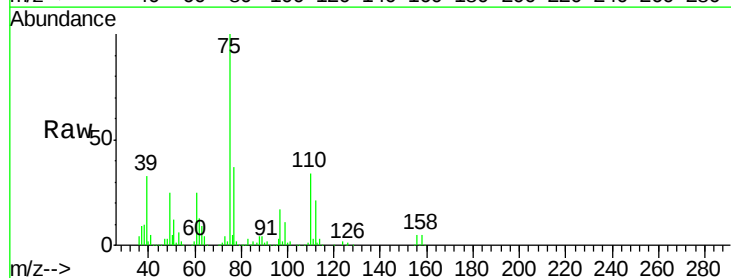
RT: 12.52 min Scan# 3354

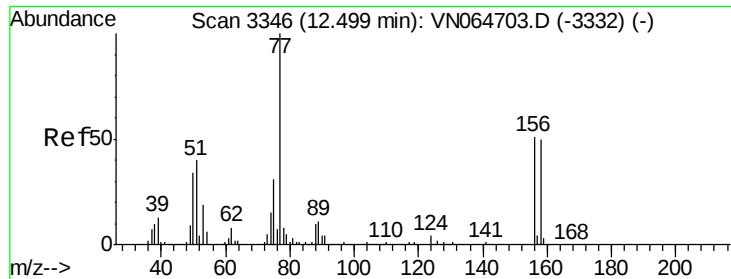
Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Tgt Ion:	75	Resp:	274437
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.018 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

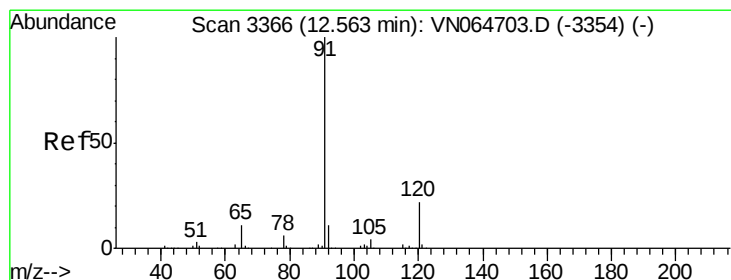
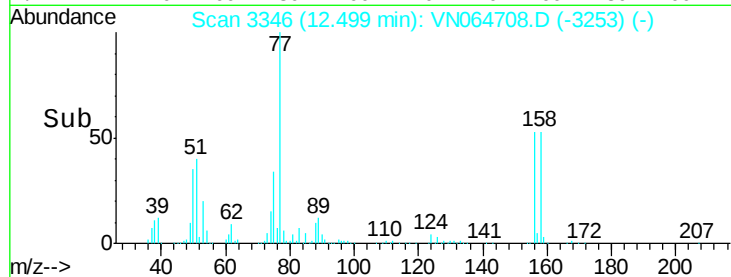
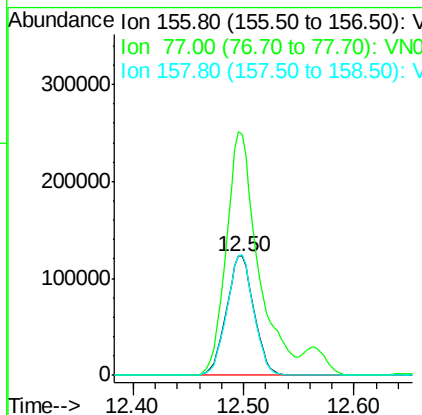
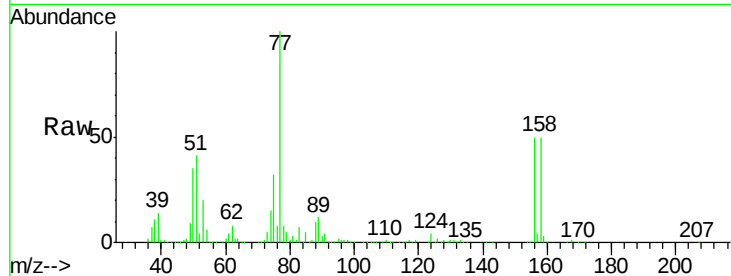
ClientSampleId :

ICVVN111820

Tot Ion	Ratio	Lower	Upper
156	100		
77	235.4	117.3	351.9
158	98.7	49.0	147.2

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#78

n-propylbenzene

Concen: 55.568 ug/l

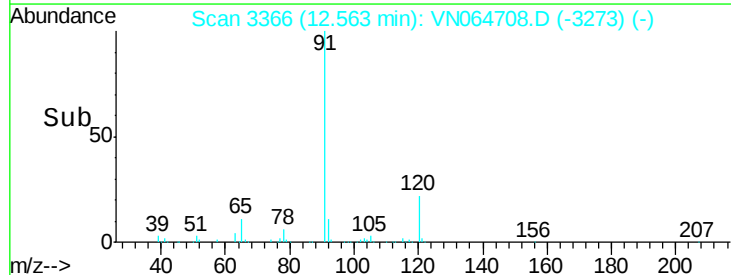
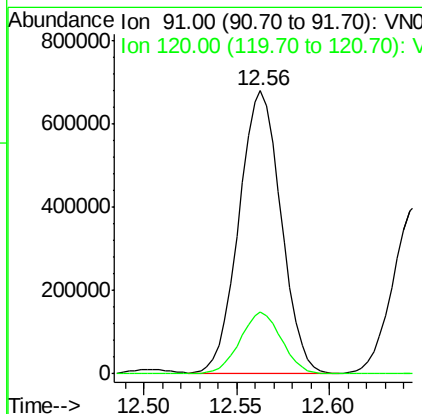
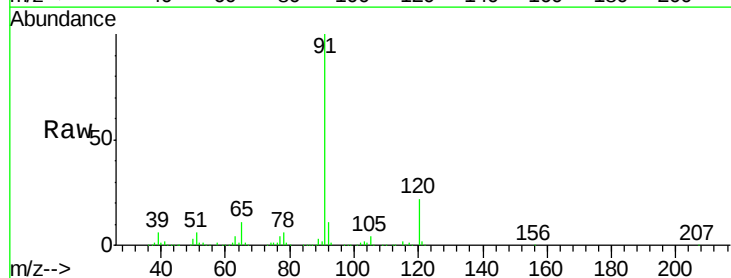
RT: 12.56 min Scan# 3366

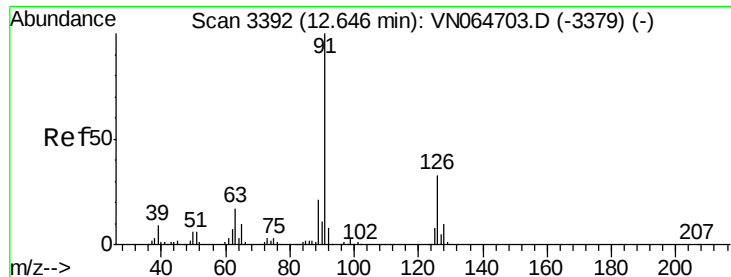
Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.9	32.9





#79

2-Chlorotoluene

Concen: 52.733 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111820

Tot Ion: 91 Resp: 648522

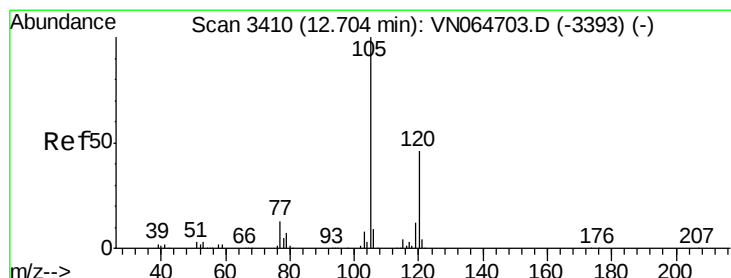
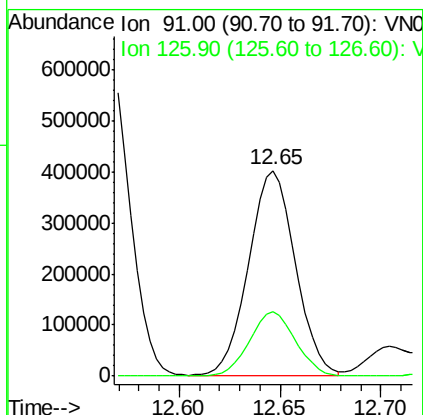
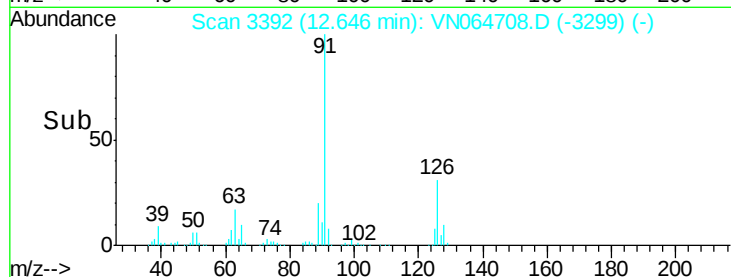
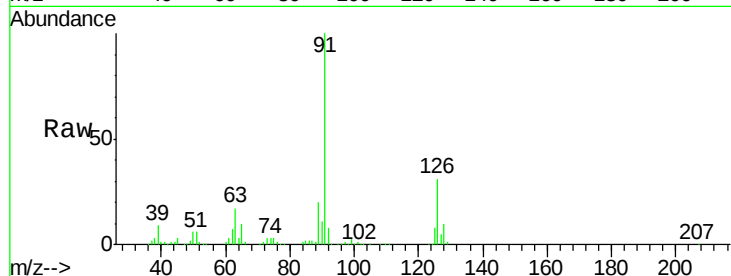
Ion Ratio Lower Upper

91 100

126 31.3 16.0 48.0

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#80

1,3,5-Trimethylbenzene

Concen: 55.771 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN064708.D

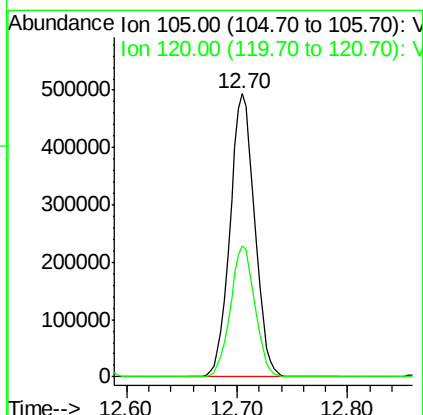
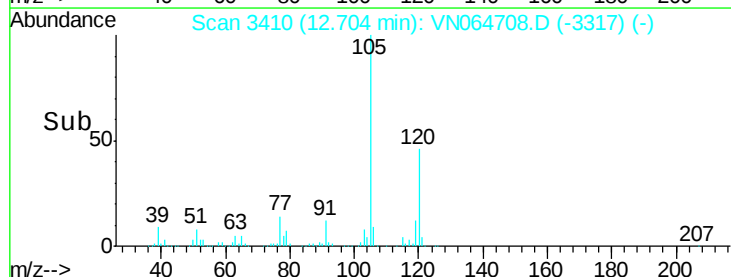
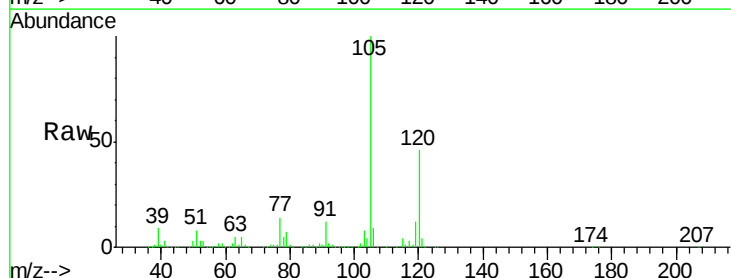
Acq: 18 Nov 2020 15:31

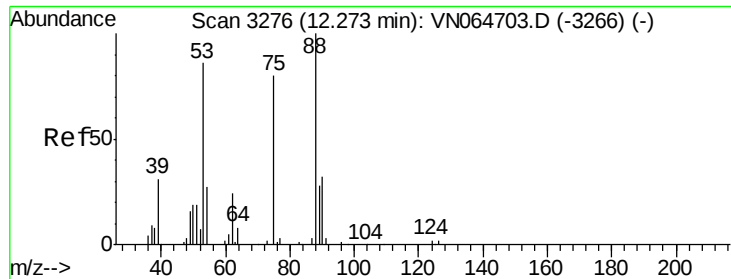
Tgt Ion: 105 Resp: 764421

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.299 ug/l

RT: 12.27 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

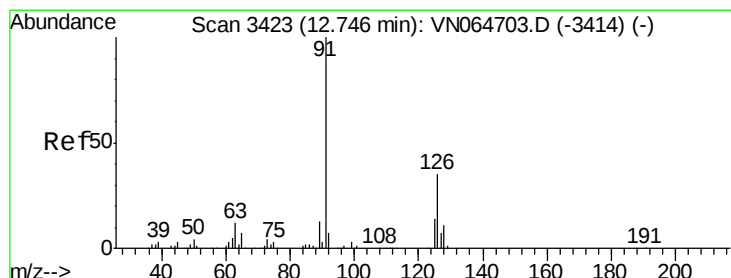
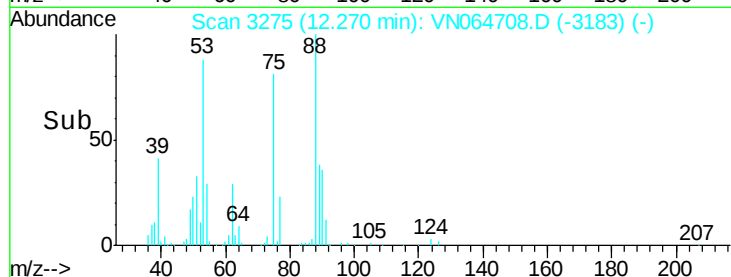
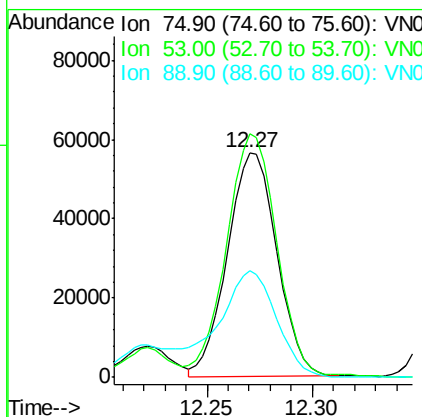
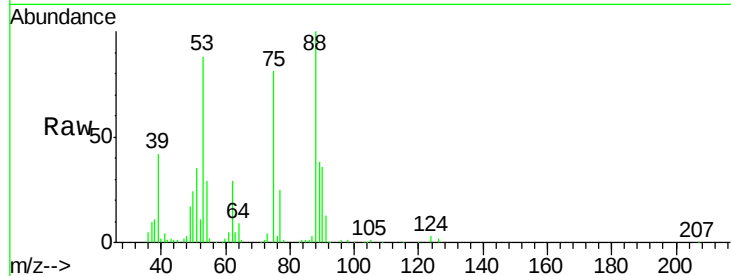
ClientSampleId :

ICVVN111820

Tot Ion:	75	Resp:	91737
Ion	Ratio	Lower	Upper
75	100		
53	112.1	88.8	133.2
89	54.7	43.1	64.7

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#82

4-Chlorotoluene

Concen: 53.928 ug/l

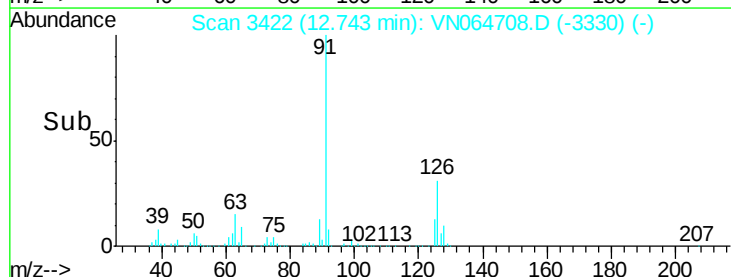
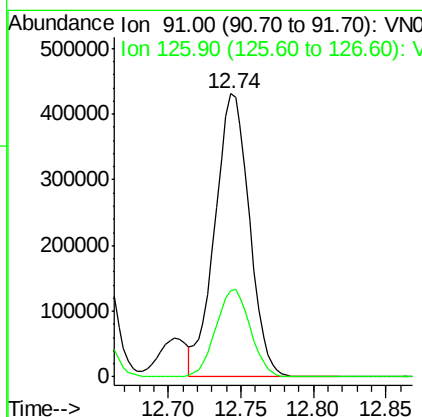
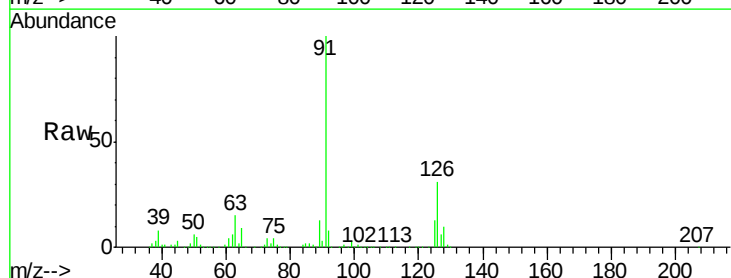
RT: 12.74 min Scan# 3422

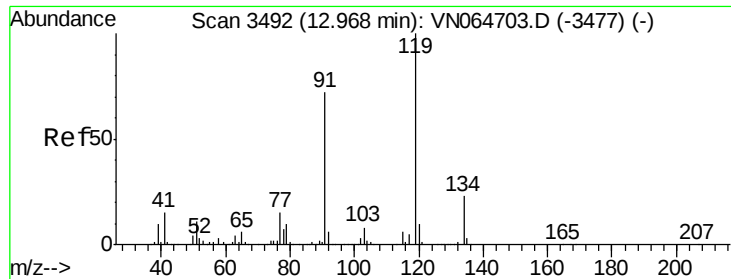
Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Tgt Ion:	91	Resp:	707190
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.9	47.7





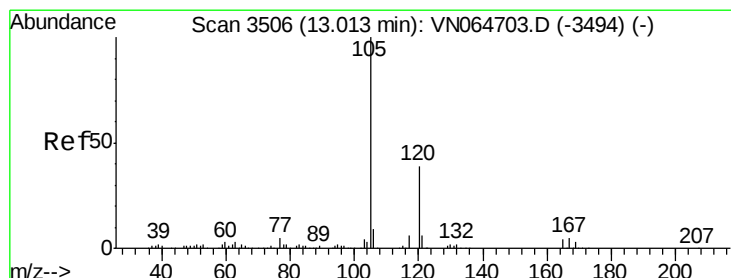
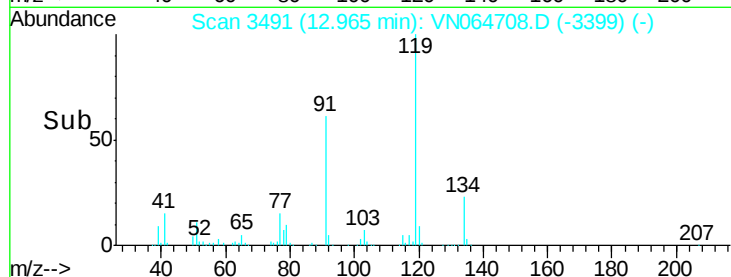
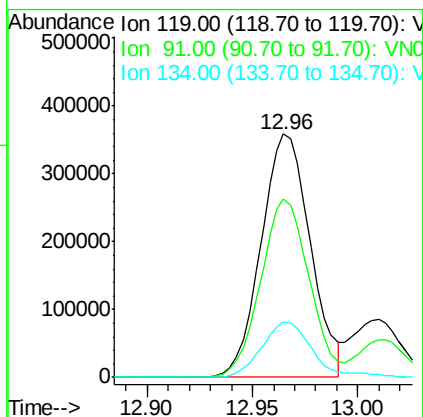
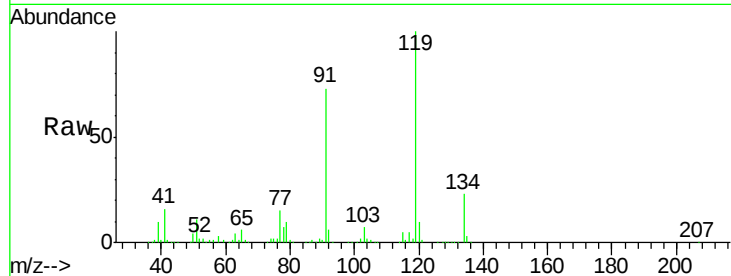
#83
tert-Butylbenzene
Concen: 54.977 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Resp	Lower	Upper
119	100	582942		
91	72.4	35.8	107.4	
134	23.6	12.0	36.1	

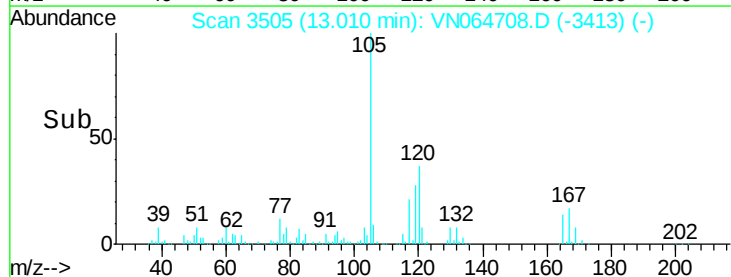
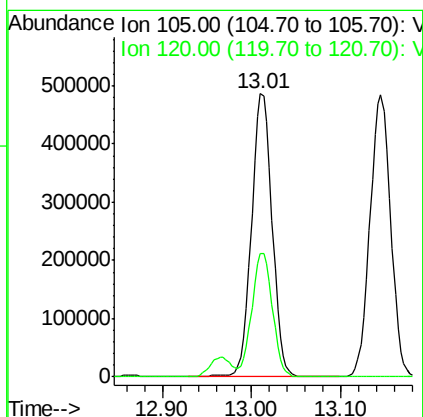
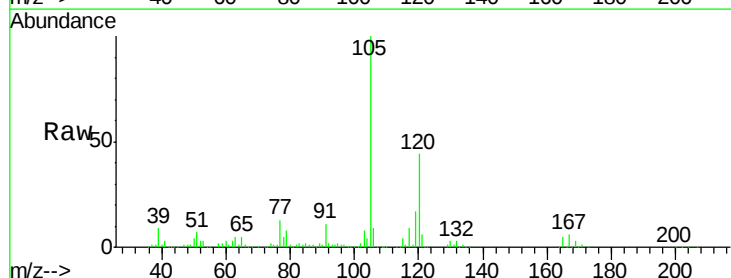
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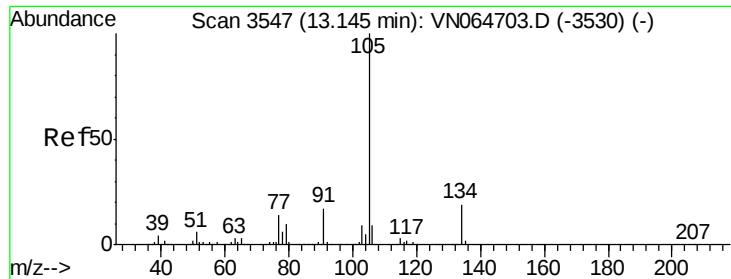
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#84
1,2,4-Trimethylbenzene
Concen: 55.874 ug/l
RT: 13.01 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	781594		
120	43.4	22.0	66.0	





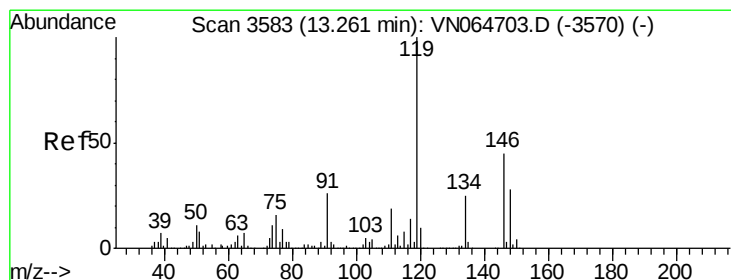
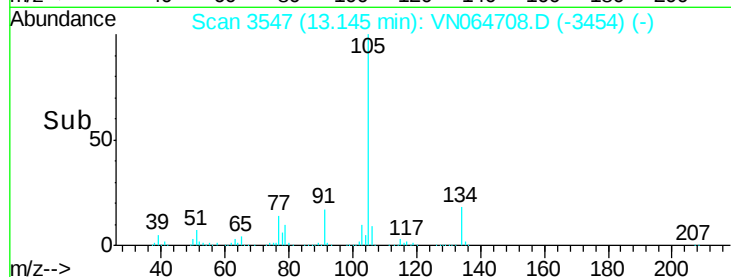
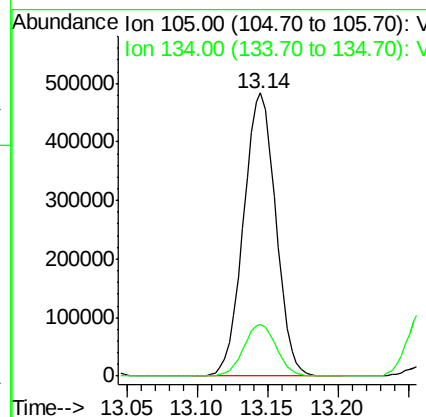
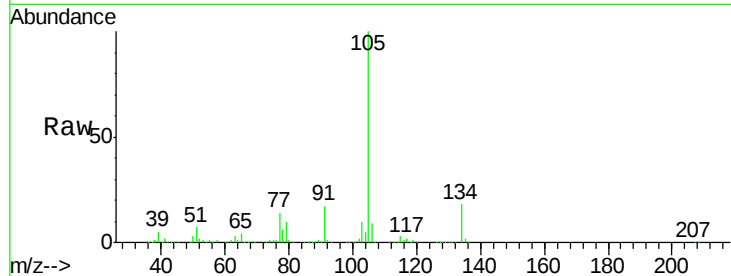
#85
 sec-Butylbenzene
 Concen: 54.847 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.5	9.5	28.5

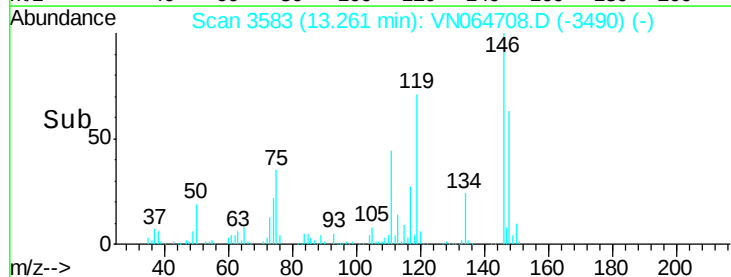
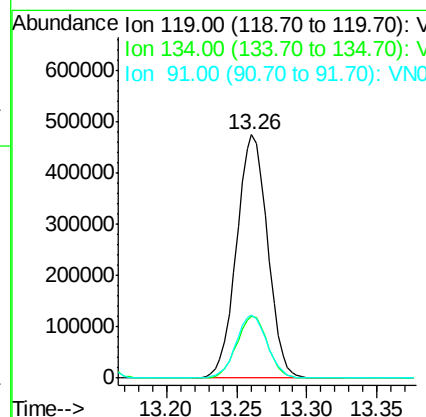
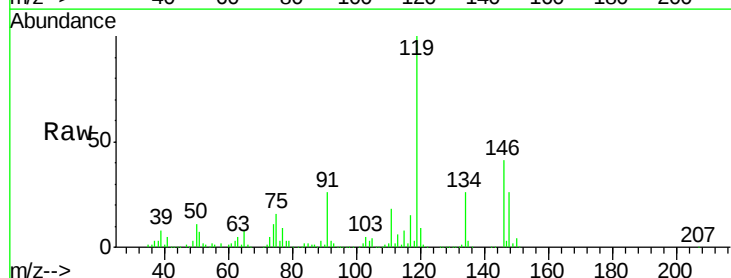
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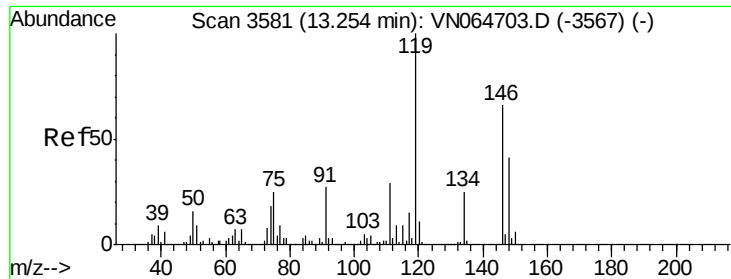
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#86
 p-Isopropyltoluene
 Concen: 56.048 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.7	38.0
91	26.0	13.3	39.8





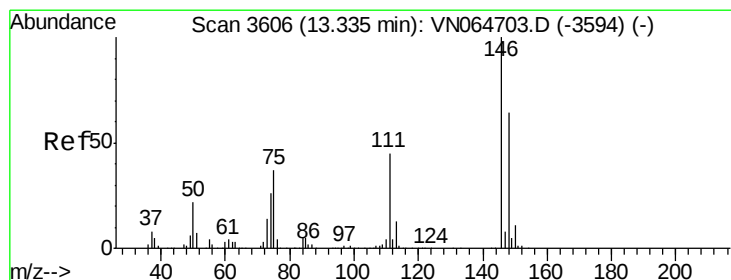
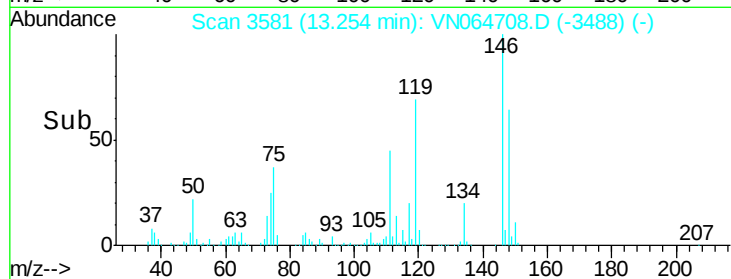
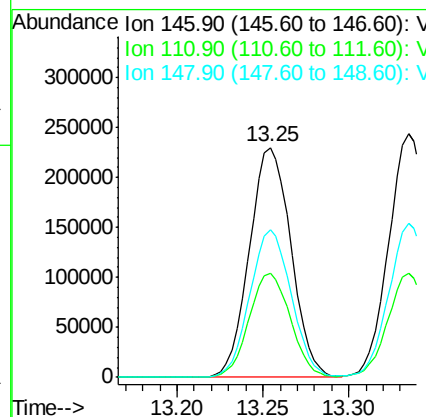
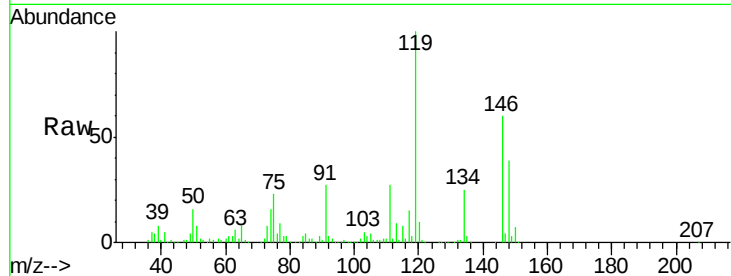
#87
 1,3-Dichlorobenzene
 Concen: 50.981 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111820

Tot Ion	Ratio	Resp	Lower	Upper
146	100	386555		
111	45.0	21.8	65.4	
148	63.9	31.5	94.5	

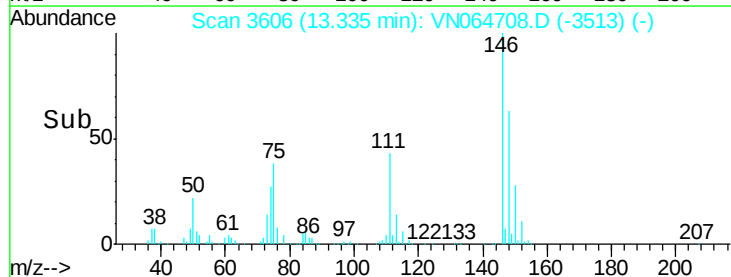
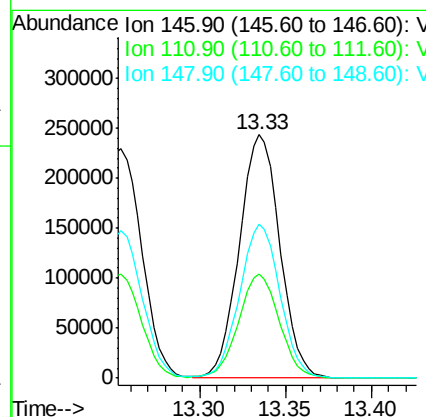
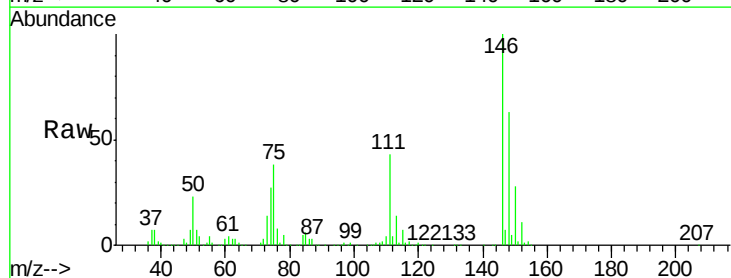
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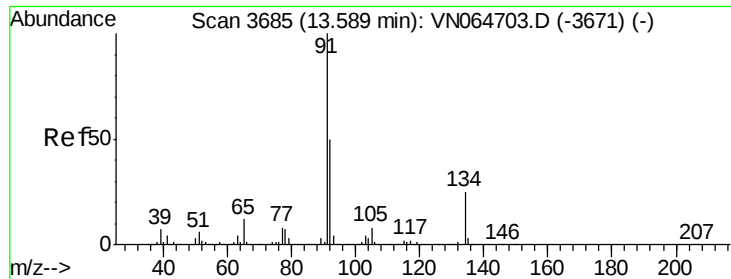
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#88
 1,4-Dichlorobenzene
 Concen: 50.872 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064708.D
 Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	396012		
111	43.1	22.3	66.8	
148	63.4	31.6	94.7	





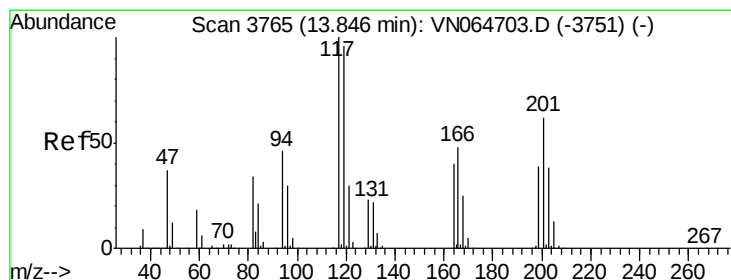
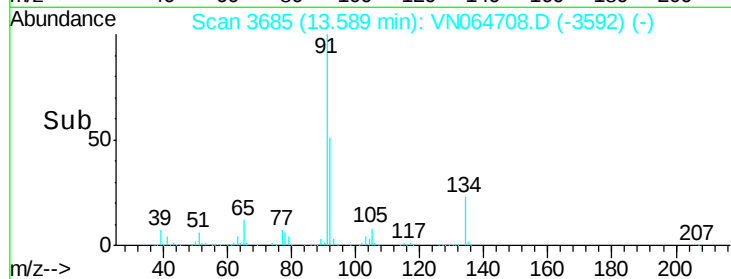
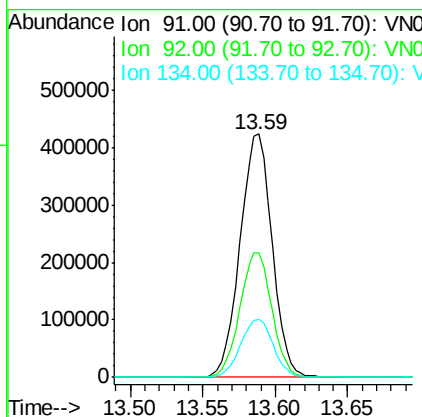
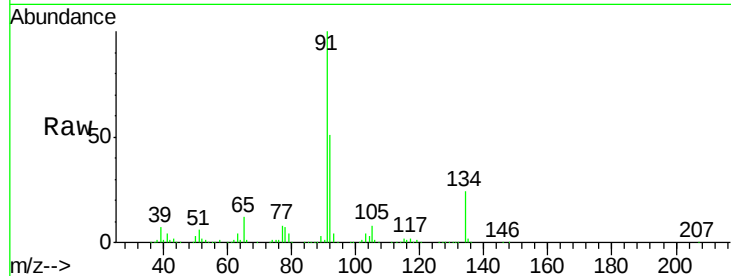
#89
n-Butylbenzene
Concen: 53.823 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	24.9	74.8
134	24.1	12.0	36.0

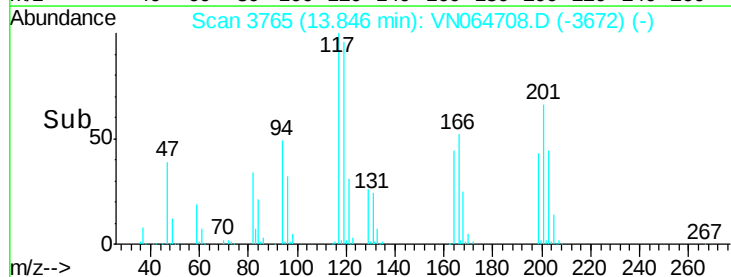
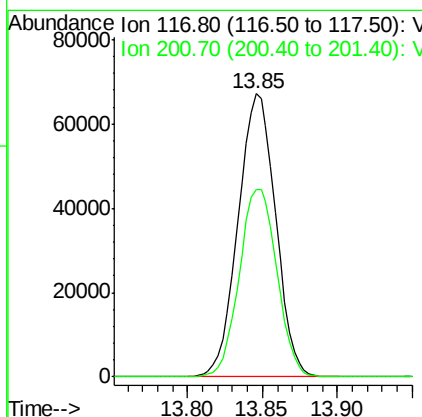
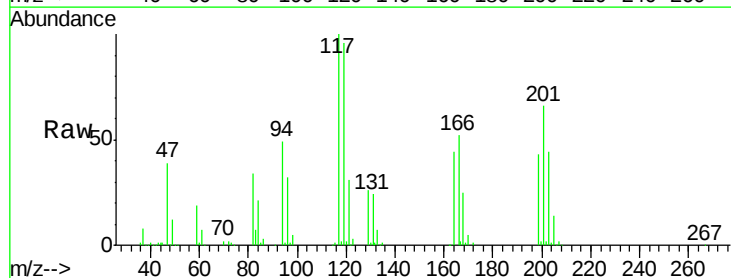
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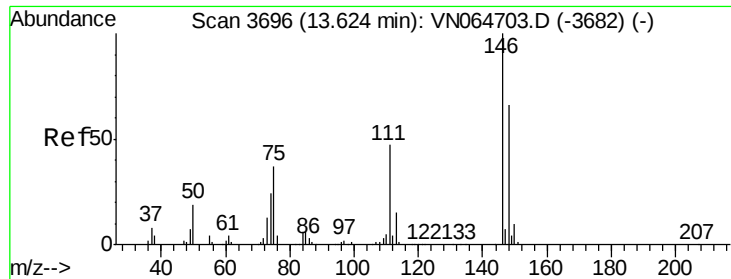
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#90
Hexachloroethane
Concen: 54.560 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.4	31.9	95.5





#91

1,2-Dichlorobenzene

Concen: 50.412 ug/l

RT: 13.62 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

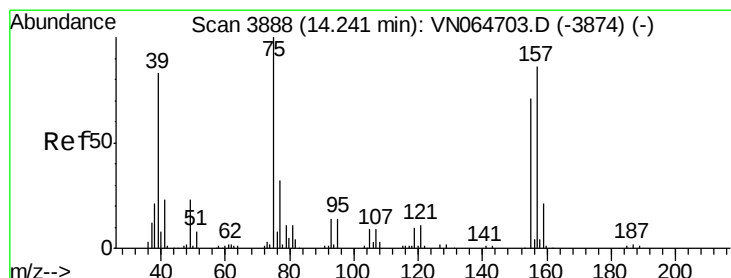
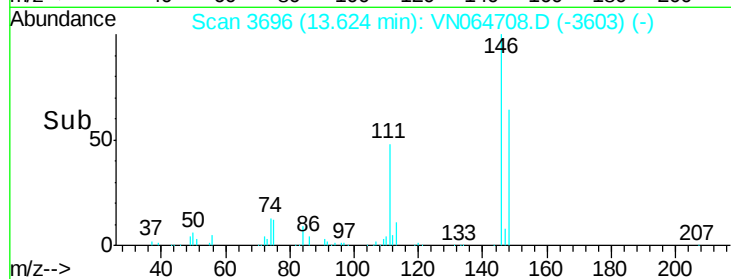
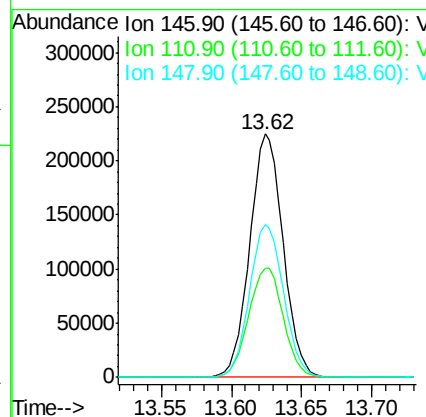
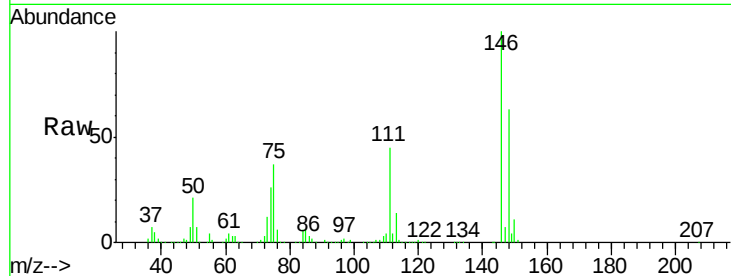
ClientSampleId :

ICVVN111820

Tot Ion:	146	Resp:	373588
Ion Ratio	Lower	Upper	
146	100		
111	46.8	23.1	69.3
148	64.0	32.2	96.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.073 ug/l

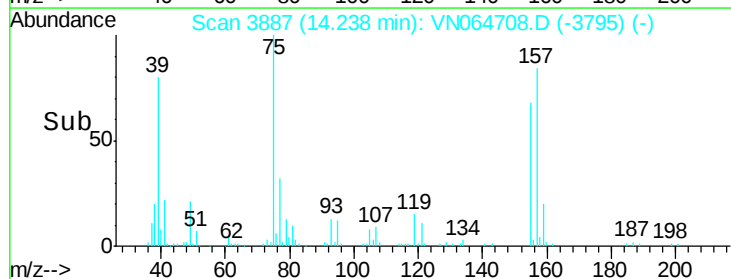
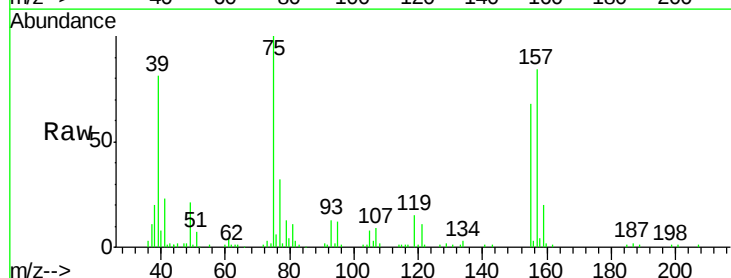
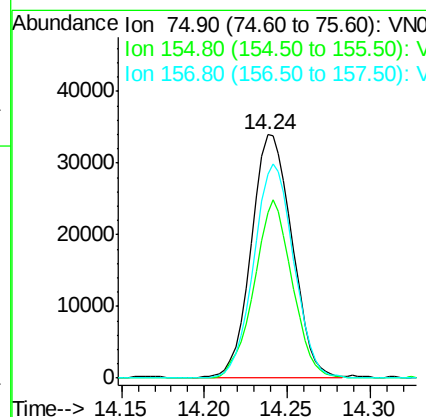
RT: 14.24 min Scan# 3887

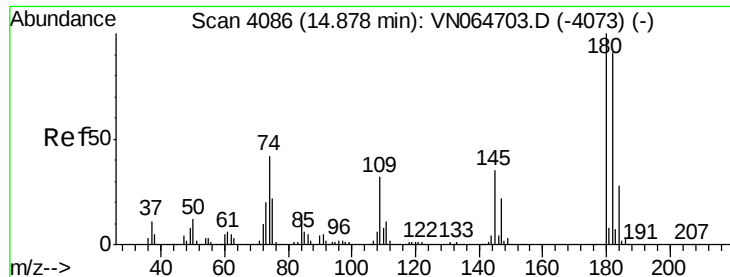
Delta R.T. -0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Tgt Ion:	75	Resp:	58195
Ion Ratio	Lower	Upper	
75	100		
155	68.0	33.6	100.6
157	86.0	42.4	127.2





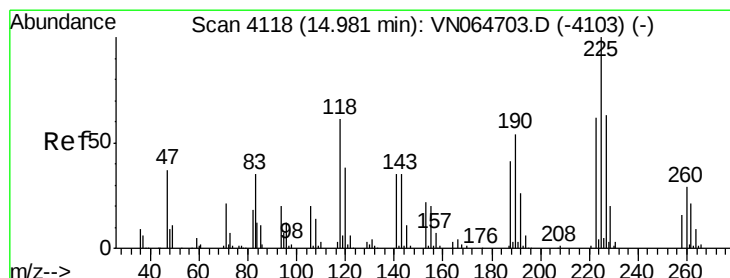
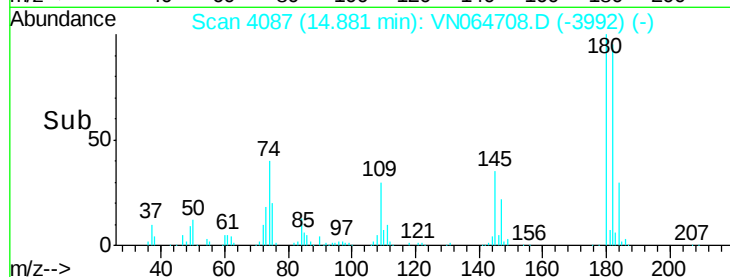
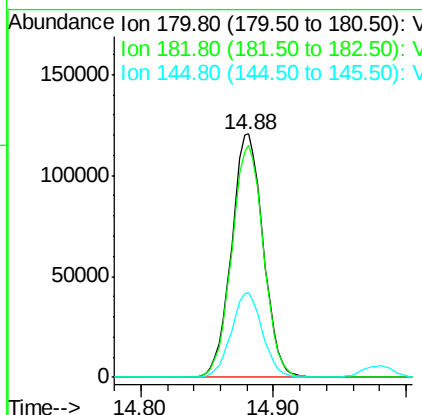
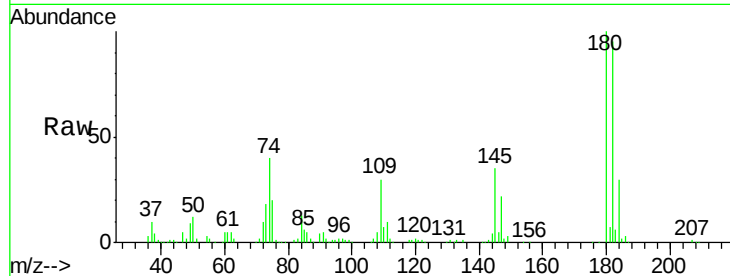
#93
1,2,4-Trichlorobenzene
Concen: 49.476 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111820

Tot Ion	Ratio	Resp	Lower	Upper
180	100	199447		
182	95.5	47.3	141.8	
145	34.2	17.5	52.5	

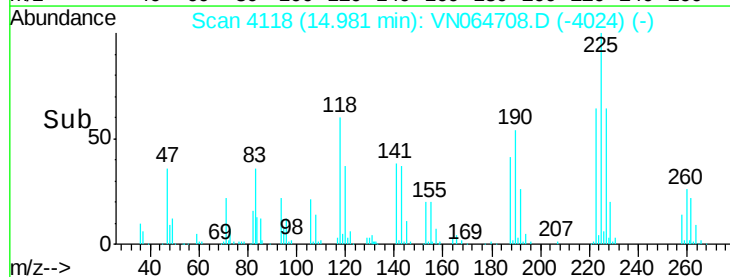
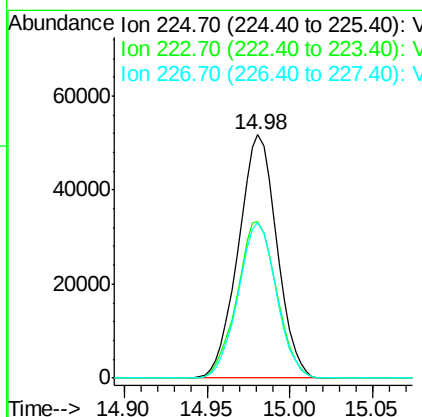
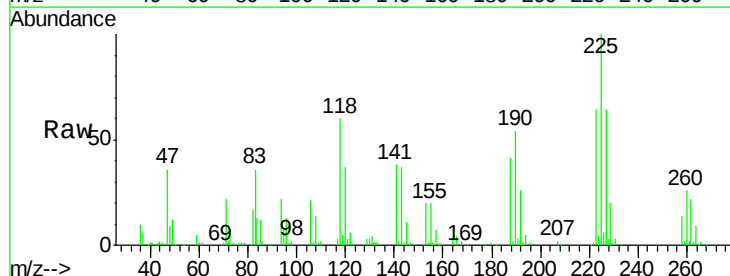
Manual Integrations
APPROVED

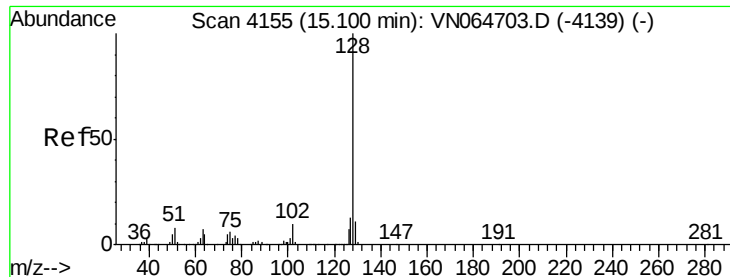
MMDadoda
11/19/2020 2:10:31 PM



#94
Hexachlorobutadiene
Concen: 50.744 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN064708.D
Acq: 18 Nov 2020 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83801		
223	65.7	31.2	93.6	
227	63.0	32.1	96.3	





#95

Naphthalene

Concen: 50.475 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Instrument :

MSVOA_N

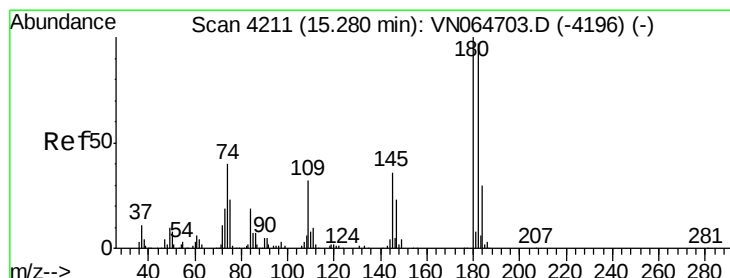
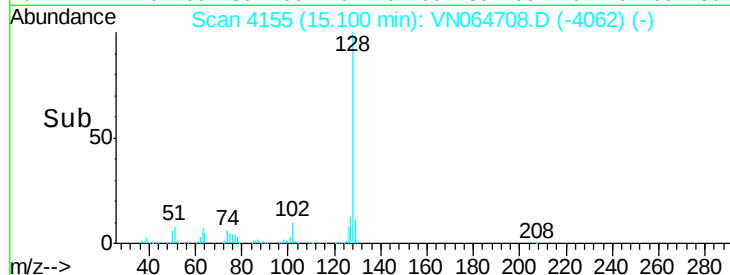
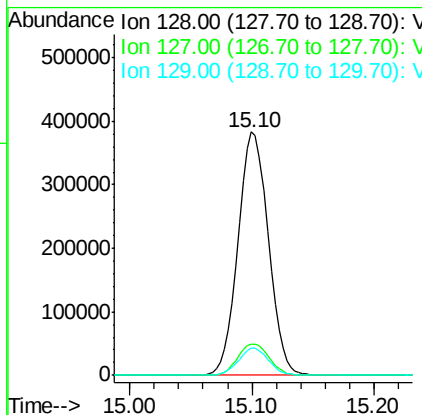
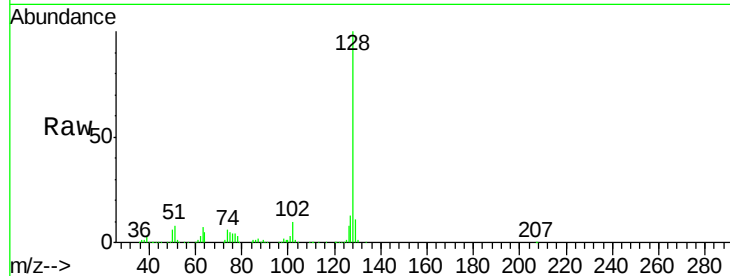
ClientSampleId :

ICVVN111820

Tot Ion:	128	Resp:	659286
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.8	16.2
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
11/19/2020 2:10:31 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.096 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064708.D

Acq: 18 Nov 2020 15:31

Tgt Ion:	180	Resp:	189775
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.5	142.5
145	35.3	18.1	54.1

