

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064342.D
 Acq On : 28 Oct 2020 10:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 9:49:40 AM

Quant Time: Oct 29 02:47:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	256613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	418405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	190617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	197632	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	7.54	113	136439	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
50) Toluene-d8	10.06	98	497647	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
62) 4-Bromofluorobenzene	12.37	95	196224	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	139129	47.166	ug/l	100
3) Chloromethane	2.04	50	148912	46.700	ug/l	100
4) Vinyl Chloride	2.16	62	147901	47.953	ug/l	96
5) Bromomethane	2.52	94	91900	46.113	ug/l	97
6) Chloroethane	2.67	64	85913	46.617	ug/l	100
7) Trichlorofluoromethane	2.98	101	249842	48.354	ug/l	99
8) Diethyl Ether	3.37	74	81113	49.625	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	127887	49.245	ug/l	97
10) Methyl Iodide	3.90	142	148182	42.759	ug/l	98
11) Tert butyl alcohol	4.72	59	142444	237.952	ug/l	98
12) 1,1-Dichloroethene	3.69	96	117634	47.982	ug/l	93
13) Acrolein	3.57	56	28542	221.854	ug/l	87
14) Allyl chloride	4.27	41	244894	48.920	ug/l	96
15) Acrylonitrile	4.93	53	323953	251.647	ug/l	100
16) Acetone	3.77	43	388905	277.432	ug/l	98
17) Carbon Disulfide	4.01	76	333884	46.030	ug/l	98
18) Methyl Acetate	4.27	43	146679	47.350	ug/l	96
19) Methyl tert-butyl Ether	4.98	73	473313	50.247	ug/l	100
20) Methylene Chloride	4.50	84	136187	46.567	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	131709	48.158	ug/l	94
22) Diisopropyl ether	5.90	45	493614	50.447	ug/l	98
23) Vinyl Acetate	5.84	43	2168803	261.993	ug/l	100
24) 1,1-Dichloroethane	5.79	63	261686	47.795	ug/l	98
25) 2-Butanone	6.78	43	532112	256.992	ug/l	98
26) 2,2-Dichloropropane	6.77	77	257137	47.986	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	152941	48.864	ug/l	97
28) Bromochloromethane	7.14	49	127876	49.020	ug/l	97
29) Tetrahydrofuran	7.16	42	323235	240.470	ug/l	99
30) Chloroform	7.32	83	282291	48.303	ug/l	98
31) Cyclohexane	7.61	56	222664	46.524	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	263135	46.888	ug/l	98
36) 1,1-Dichloropropene	7.75	75	208004	49.259	ug/l	99
37) Ethyl Acetate	6.87	43	193238	45.304	ug/l	96
38) Carbon Tetrachloride	7.73	117	240330	49.092	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	206480	49.315	ug/l	99
40) Benzene	8.00	78	567698	48.299	ug/l	98
41) Methacrylonitrile	7.12	41	97152	45.885	ug/l	97
42) 1,2-Dichloroethane	8.08	62	252709	49.772	ug/l	100
43) Isopropyl Acetate	8.12	43	359365	49.287	ug/l #	92
44) Trichloroethene	8.80	130	157470	51.142	ug/l	99
45) 1,2-Dichloropropane	9.08	63	154360	49.042	ug/l	93
46) Dibromomethane	9.17	93	109765	49.849	ug/l	97
47) Bromodichloromethane	9.37	83	233713	47.893	ug/l	99
48) Methyl methacrylate	9.16	41	187327	49.797	ug/l	96
49) 1,4-Dioxane	9.16	88	59621	1075.286	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	1050596	247.883	ug/l	100
52) Toluene	10.12	92	368949	49.744	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	267873	51.916	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	270759	50.977	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	147963	50.538	ug/l	98
56) Ethyl methacrylate	10.40	69	229876	51.868	ug/l	97
57) 1,3-Dichloropropane	10.68	76	251322	50.323	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	589024	243.555	ug/l	99
59) 2-Hexanone	10.72	43	801479	256.762	ug/l	100
60) Dibromochloromethane	10.87	129	179699	51.912	ug/l	100
61) 1,2-Dibromoethane	10.97	107	154833	51.903	ug/l	100
64) Tetrachloroethene	10.60	164	149982	47.209	ug/l	99
65) Chlorobenzene	11.41	112	396973	50.656	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	155820	49.195	ug/l	98
67) Ethyl Benzene	11.48	91	730142	50.115	ug/l	97
68) m/p-Xylenes	11.59	106	539682	99.955	ug/l	99
69) o-Xylene	11.92	106	262364	50.438	ug/l	95
70) Styrene	11.94	104	441440	51.759	ug/l	99
71) Bromoform	12.10	173	124382	50.034	ug/l #	99
73) Isopropylbenzene	12.22	105	693674	48.588	ug/l	99
74) N-amyl acetate	12.04	43	318446	50.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	200993	48.434	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	208114m	45.591	ug/l	
77) Bromobenzene	12.50	156	168732	48.265	ug/l	99
78) n-propylbenzene	12.56	91	809545	50.086	ug/l	99
79) 2-Chlorotoluene	12.65	91	493907	47.802	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	591651	48.977	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	78159	49.321	ug/l	96
82) 4-Chlorotoluene	12.75	91	522996	49.687	ug/l	99
83) tert-Butylbenzene	12.97	119	483920	48.818	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	604567	50.086	ug/l	99
85) sec-Butylbenzene	13.14	105	622709	48.544	ug/l	100
86) p-Isopropyltoluene	13.26	119	571127	49.420	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	305087	49.850	ug/l	97
88) 1,4-Dichlorobenzene	13.33	146	299611	48.065	ug/l	99
89) n-Butylbenzene	13.59	91	498702	48.984	ug/l	99
90) Hexachloroethane	13.85	117	105732	48.716	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	292922	48.142	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49951	48.510	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	162617	46.643	ug/l	97
94) Hexachlorobutadiene	14.98	225	88216	47.245	ug/l	98
95) Naphthalene	15.10	128	476844	44.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	158631	47.189	ug/l	98

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

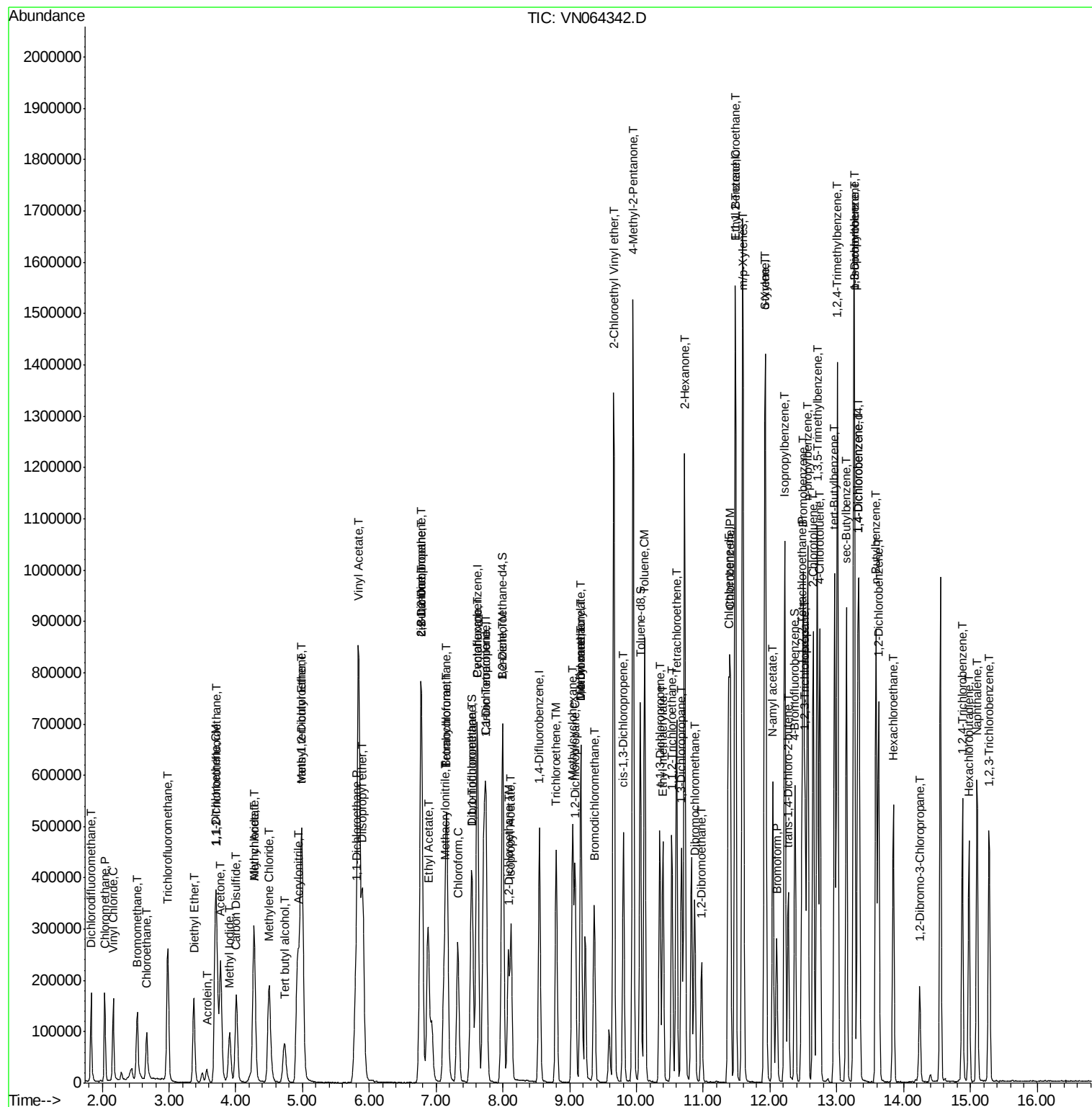
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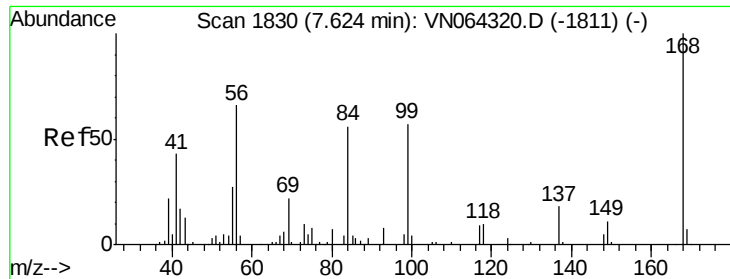
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 256613

Ion Ratio Lower Upper

168 100

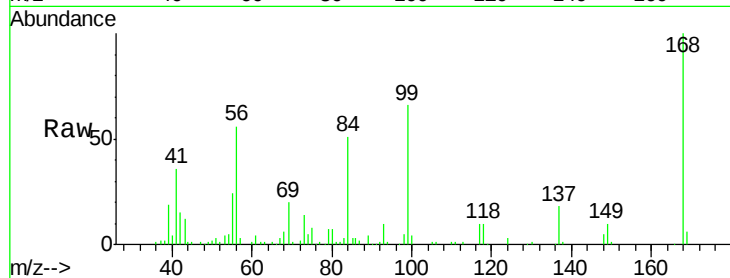
99 65.8 52.7 79.1

Manual Integrations

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10/29/2020 9:49:40 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

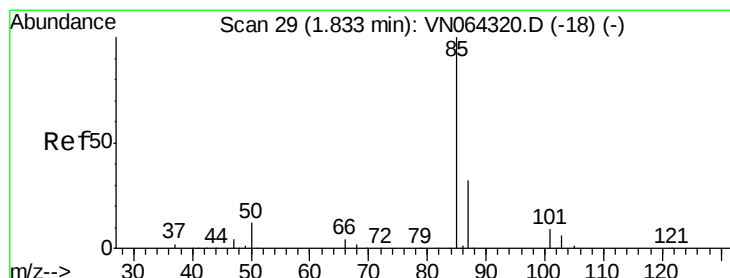
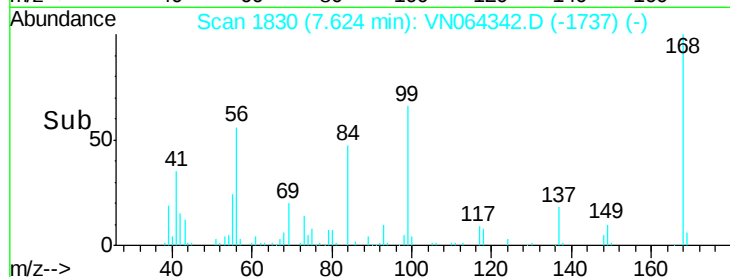
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 47.166 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064342.D

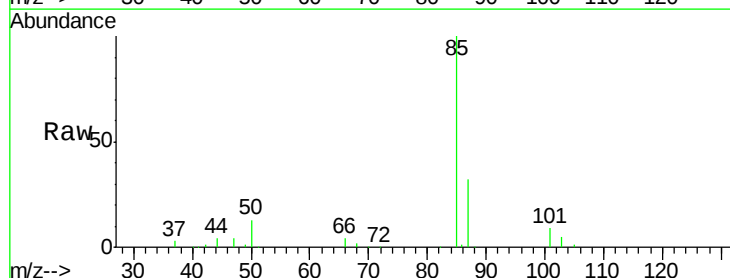
Acq: 28 Oct 2020 10:24

Tgt Ion: 85 Resp: 139129

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

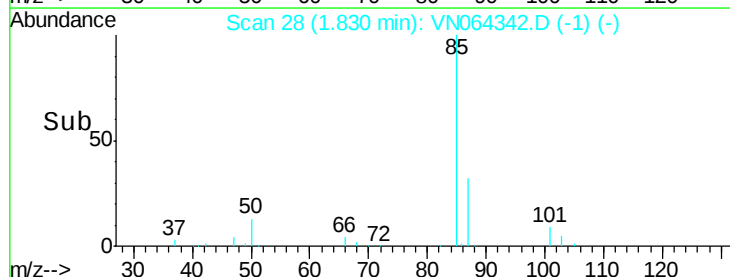
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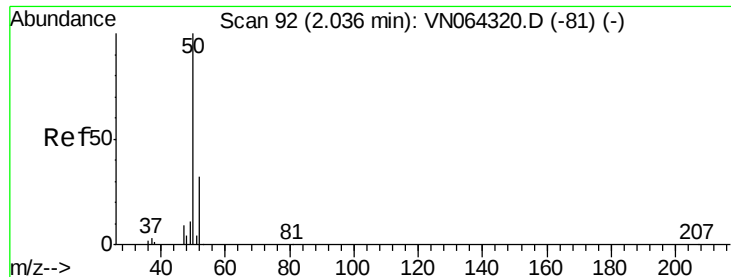
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 46.700 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 148912

Ion Ratio Lower Upper

50 100

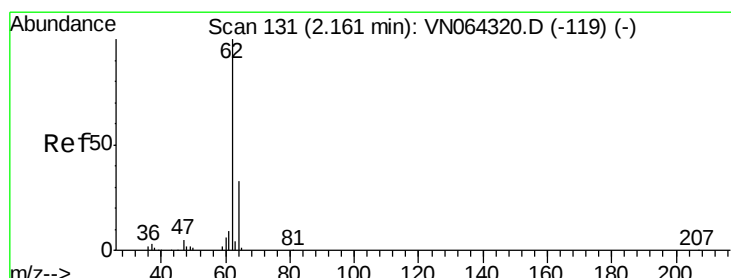
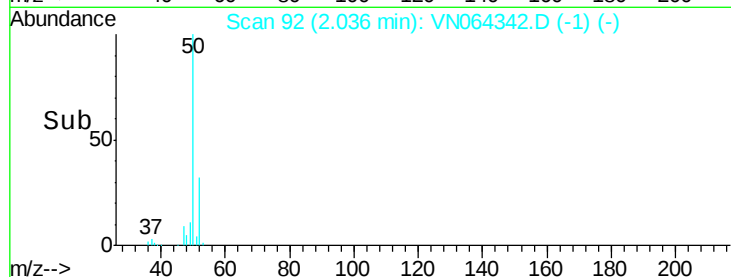
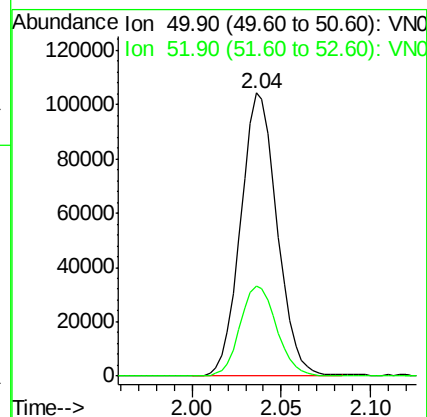
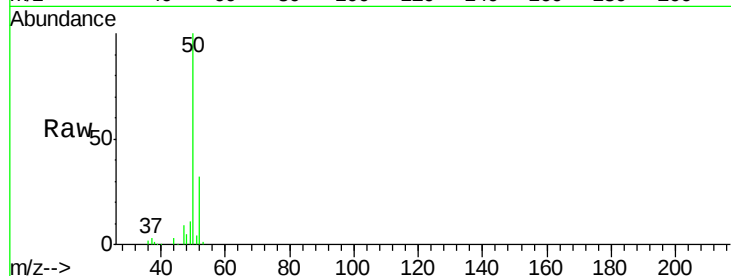
52 31.8 25.6 38.4

Manual Integrations

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10/29/2020 9:49:40 AM



#4

Vinyl Chloride

Concen: 47.953 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064342.D

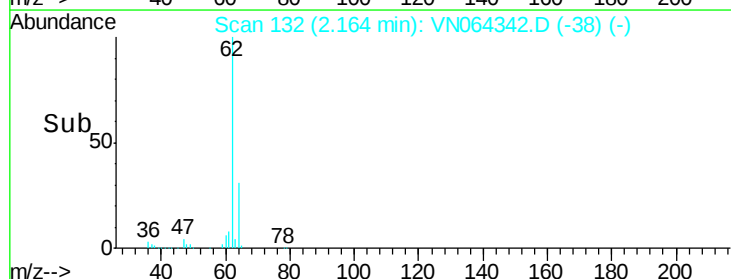
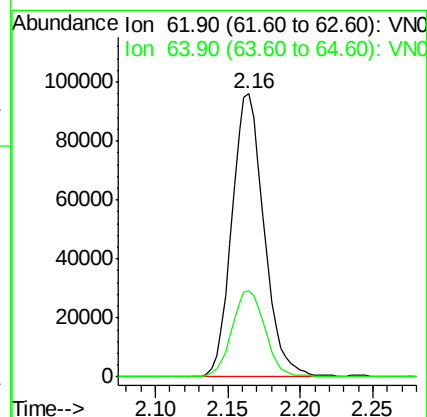
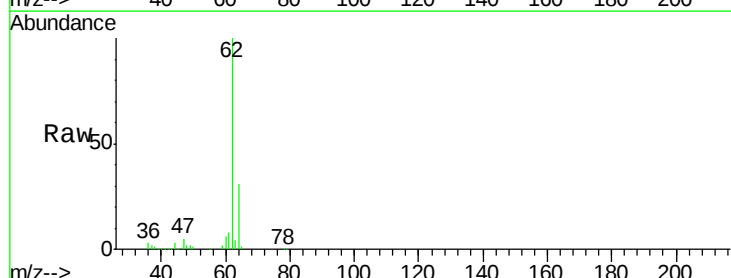
Acq: 28 Oct 2020 10:24

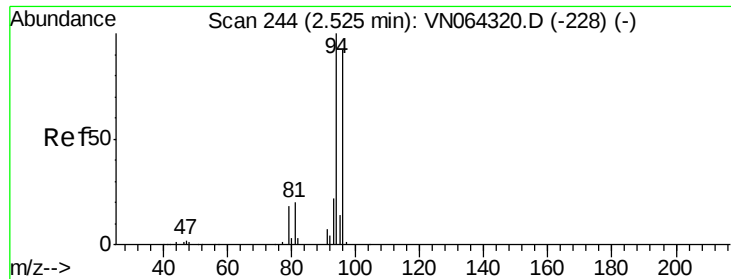
Tgt Ion: 62 Resp: 147901

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.4





#5

Bromomethane

Concen: 46.113 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

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Tot Ion: 94 Resp: 91900

Ion Ratio Lower Upper

94 100

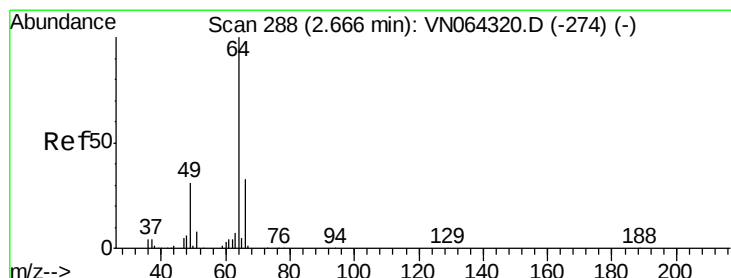
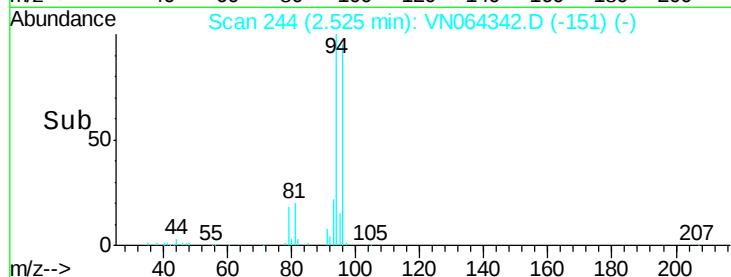
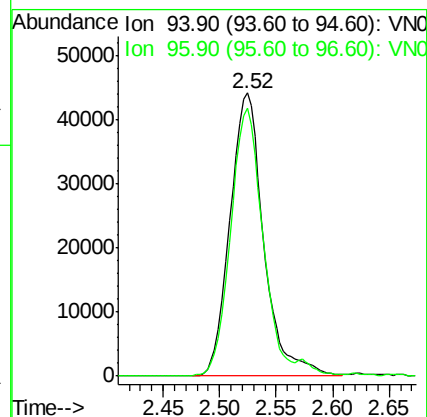
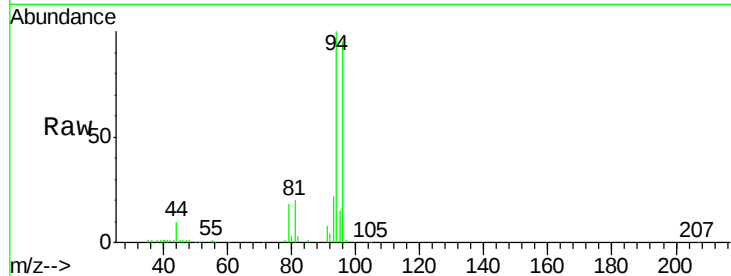
96 94.9 73.6 110.4

Manual Integrations

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#6

Chloroethane

Concen: 46.617 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064342.D

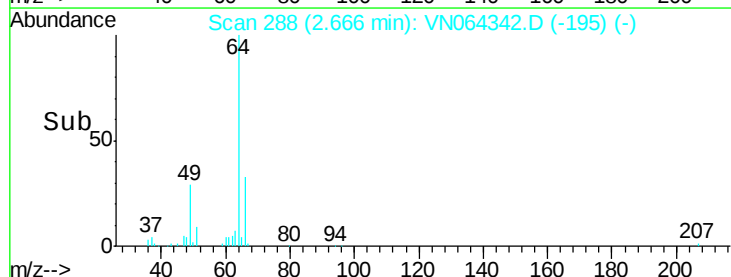
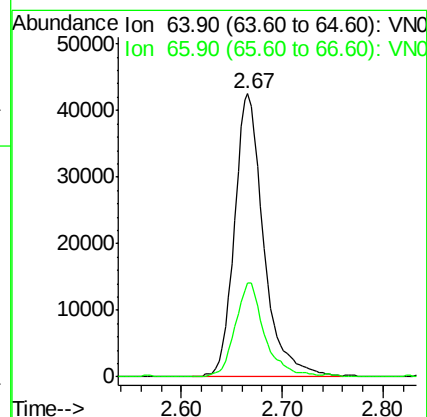
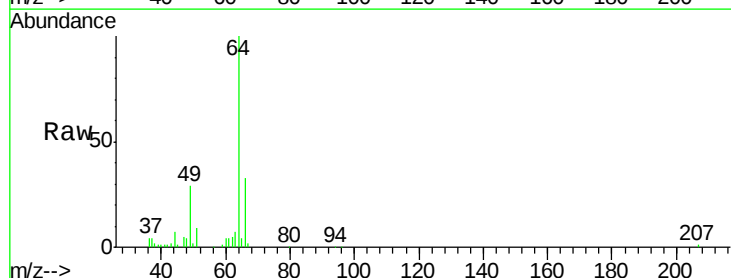
Acq: 28 Oct 2020 10:24

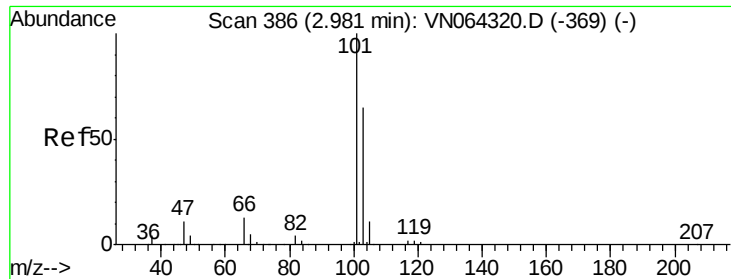
Tgt Ion: 64 Resp: 85913

Ion Ratio Lower Upper

64 100

66 33.1 26.5 39.7





#7

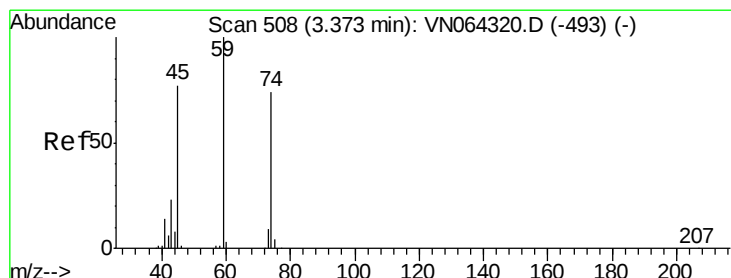
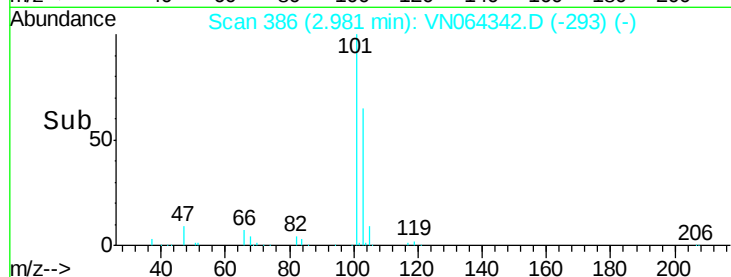
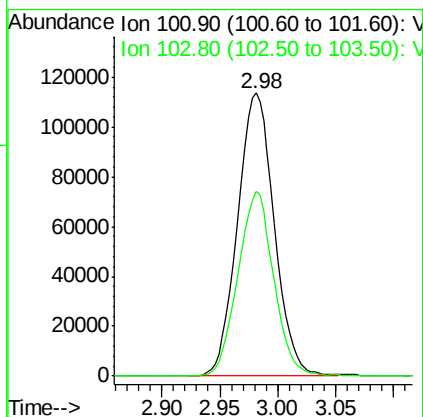
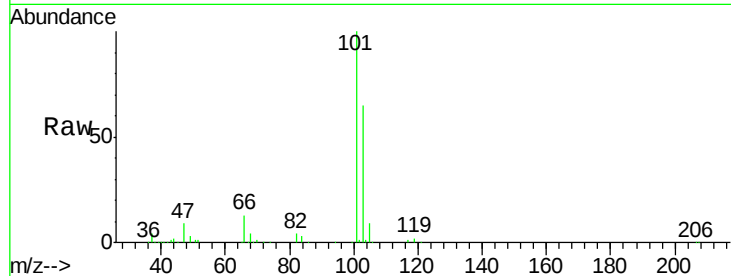
Trichlorofluoromethane
Concen: 48.354 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN064342.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.7	77.5

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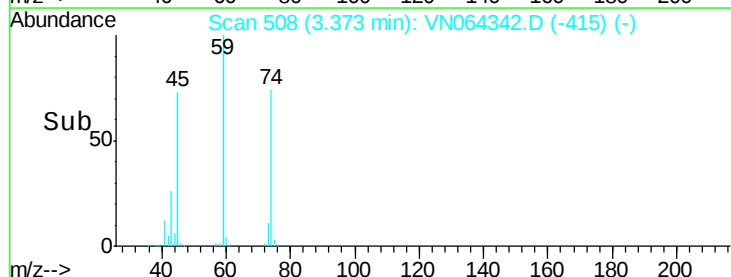
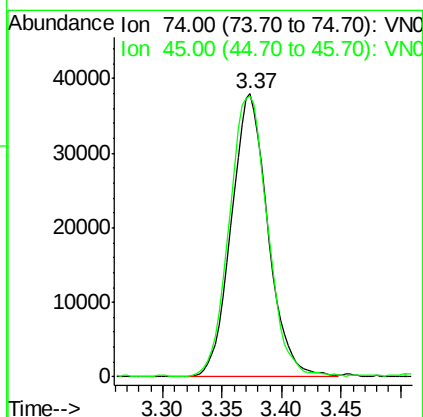
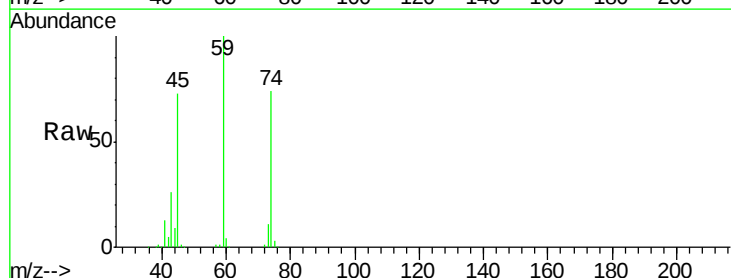
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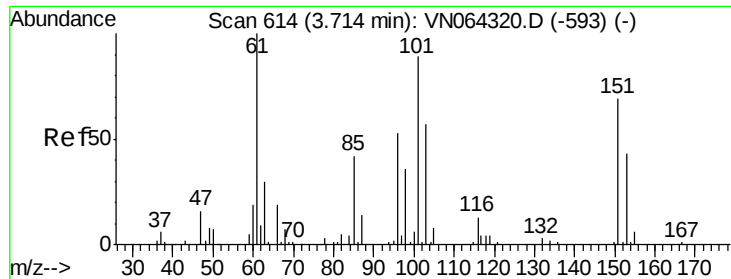


#8

Diethyl Ether
Concen: 49.625 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.245 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

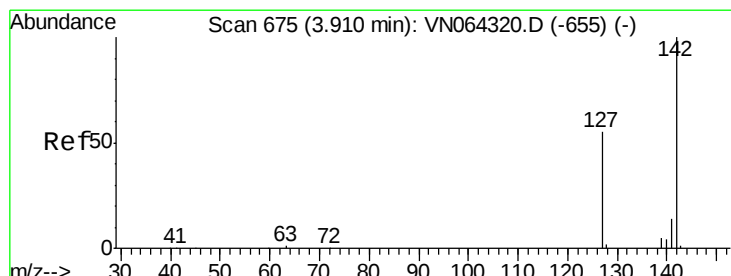
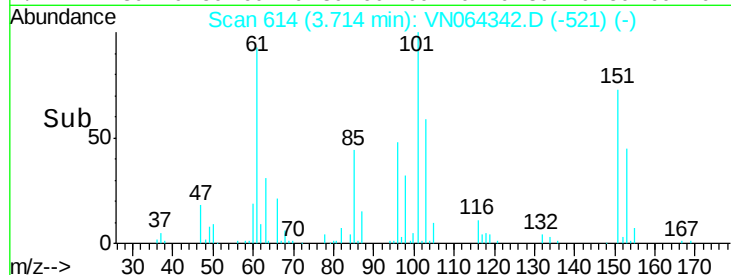
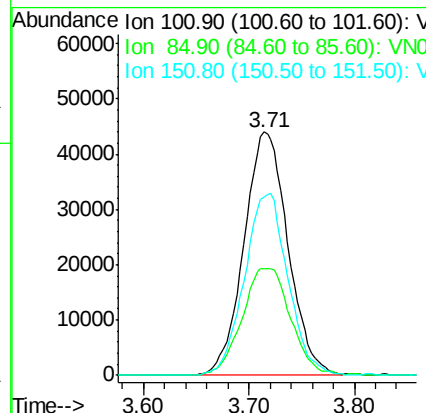
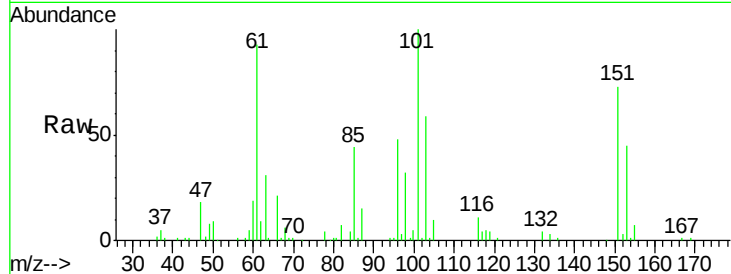
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	127887
Ion Ratio	Lower	Upper	
101	100		
85	48.4	38.4	57.6
151	73.7	62.0	93.0

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#10

Methyl Iodide

Concen: 42.759 ug/l

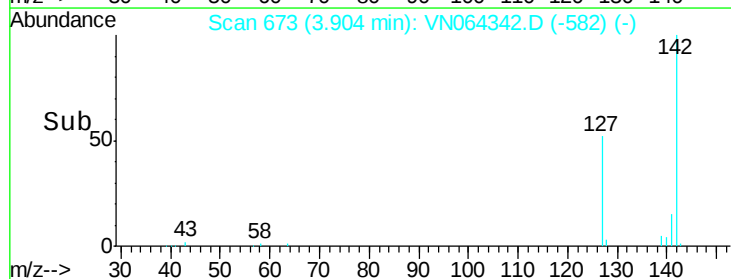
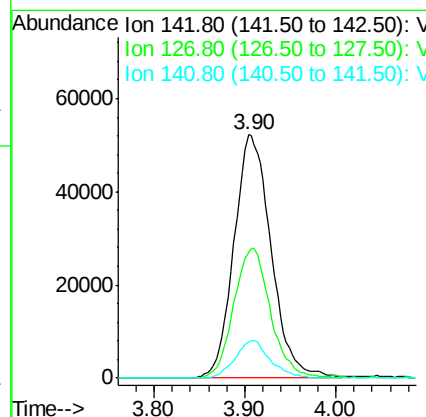
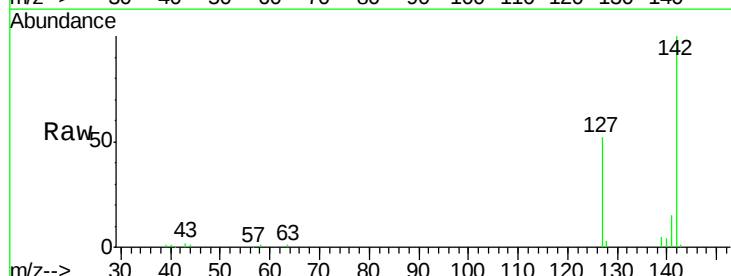
RT: 3.90 min Scan# 673

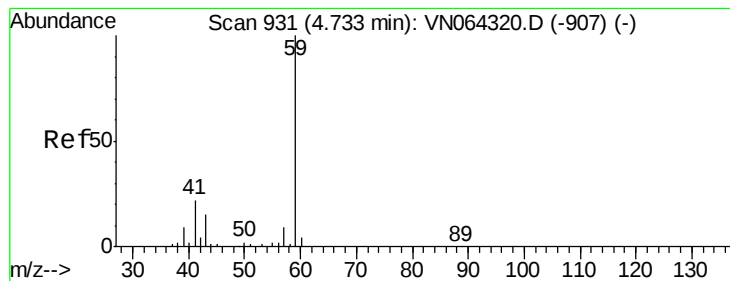
Delta R.T. -0.01 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:	142	Resp:	148182
Ion Ratio	Lower	Upper	
142	100		
127	52.6	43.3	64.9
141	14.6	11.5	17.3





#11

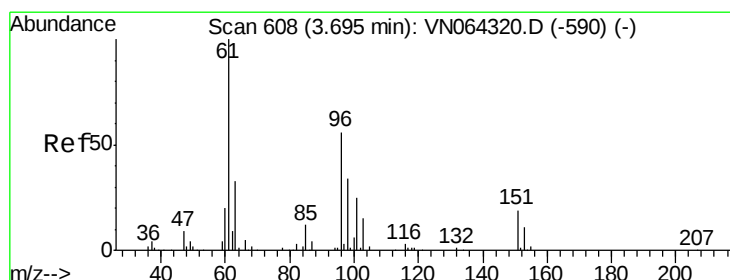
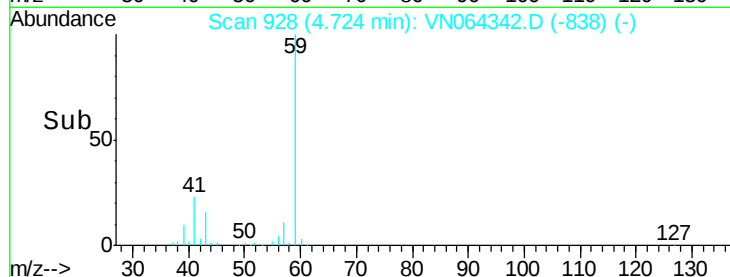
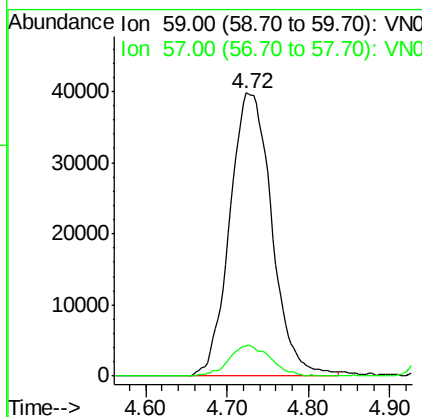
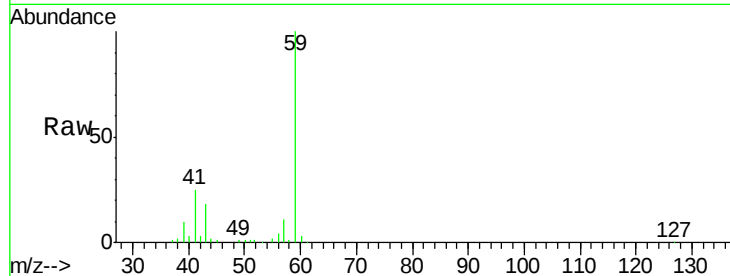
Tert butyl alcohol
Concen: 237.952 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	142444
Ion Ratio	100	Lower	Upper
57	10.8	9.4	14.0

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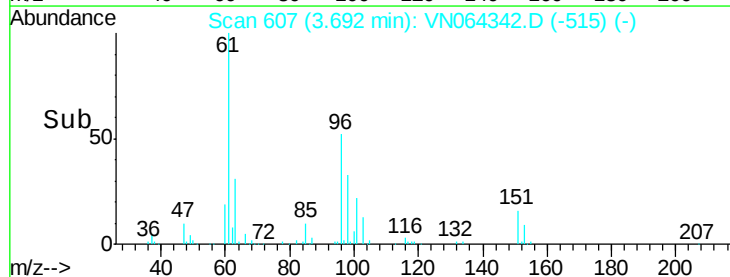
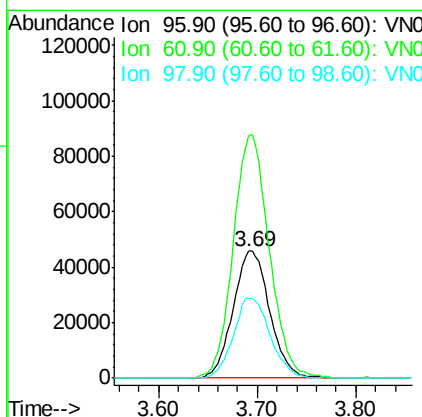
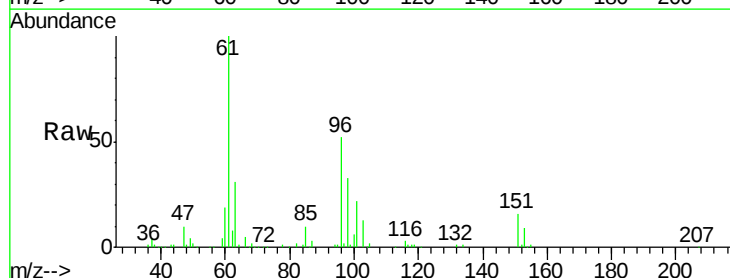
MMDadoda
10/29/2020 9:49:40 AM

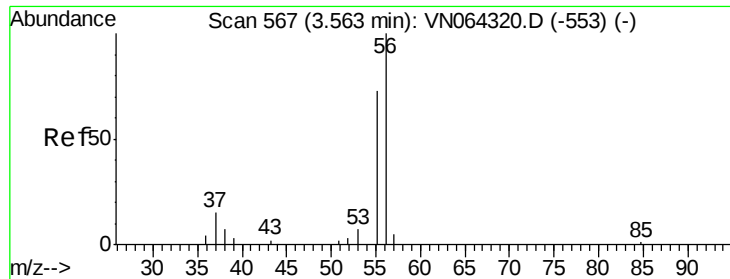


#12

1,1-Dichloroethene
Concen: 47.982 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	96	Resp	117634
Ion Ratio	100	Lower	Upper
61	191.2	143.6	215.4
98	63.2	48.6	73.0





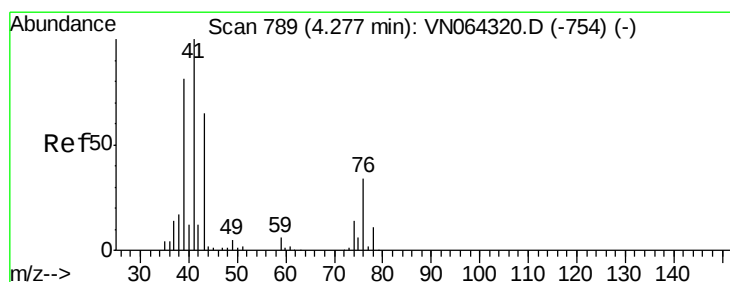
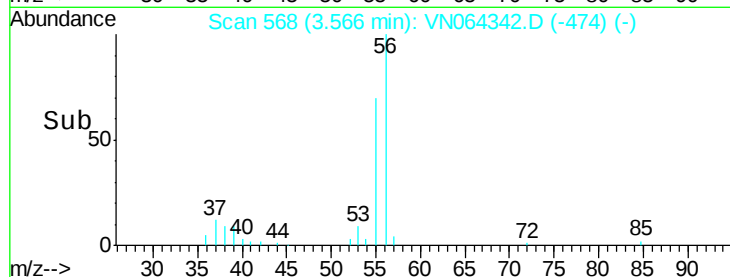
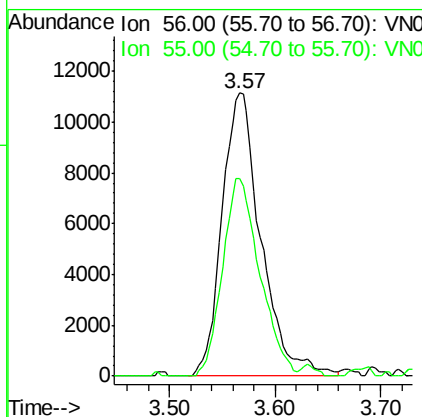
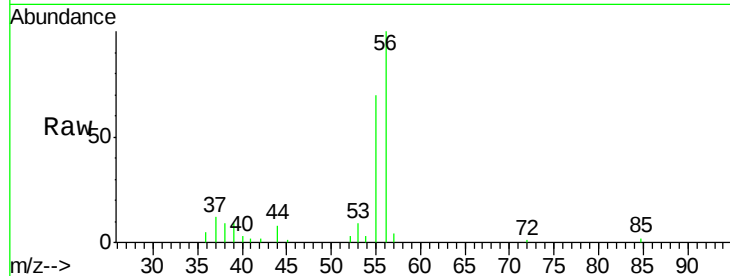
#13
Acrolein
Concen: 221.854 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	66.8	62.6	94.0	

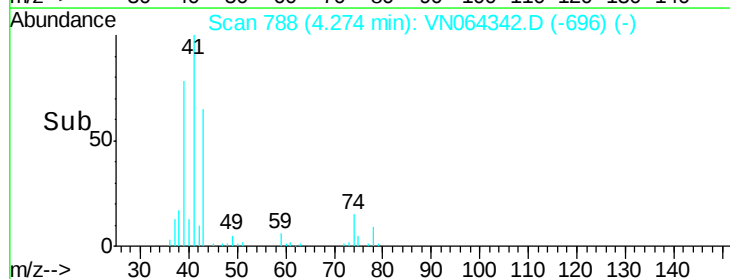
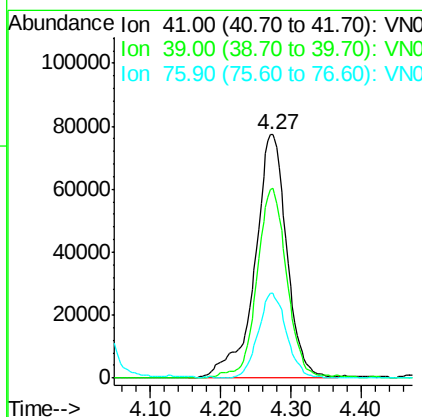
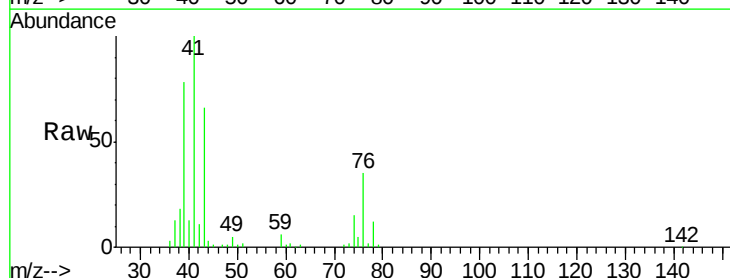
Manual Integrations
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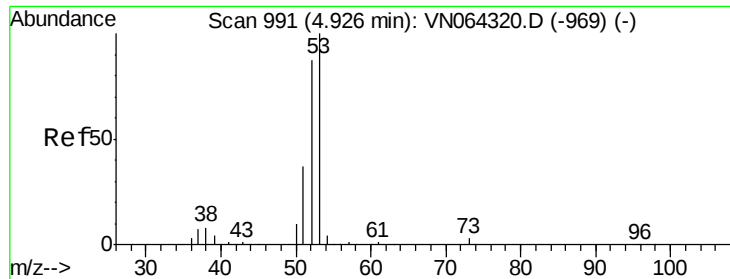
MMDadoda
10/29/2020 9:49:40 AM



#14
Allyl chloride
Concen: 48.920 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	73.0	61.7	92.5	
76	31.1	24.0	36.0	





#15

Acrylonitrile

Concen: 251.647 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

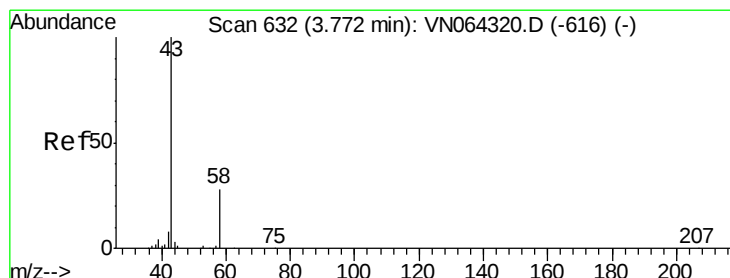
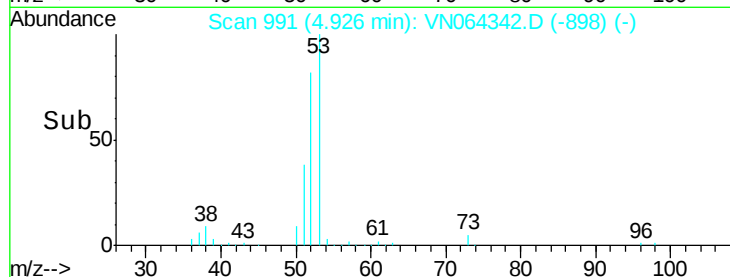
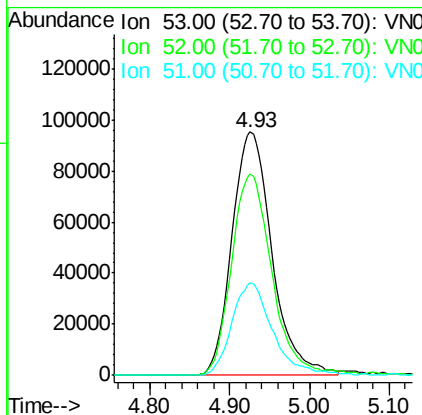
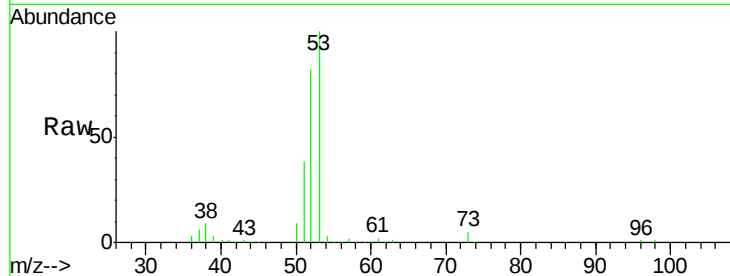
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	323953
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.9	98.9
51	38.7	30.4	45.6

Manual Integrations
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#16

Acetone

Concen: 277.432 ug/l

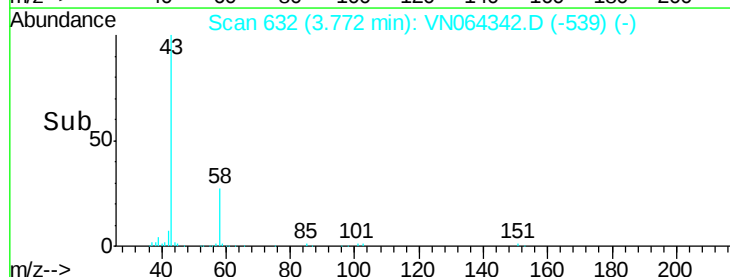
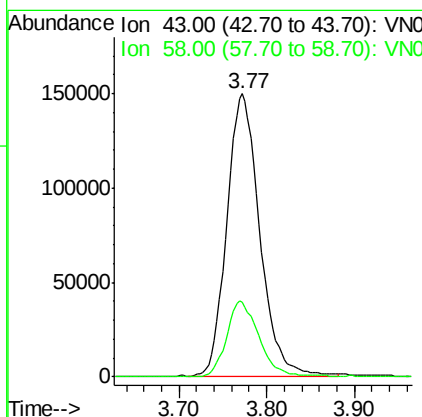
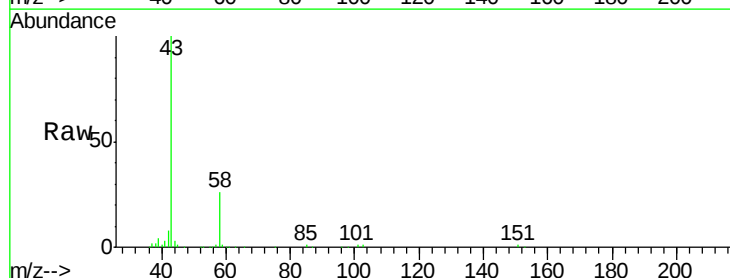
RT: 3.77 min Scan# 632

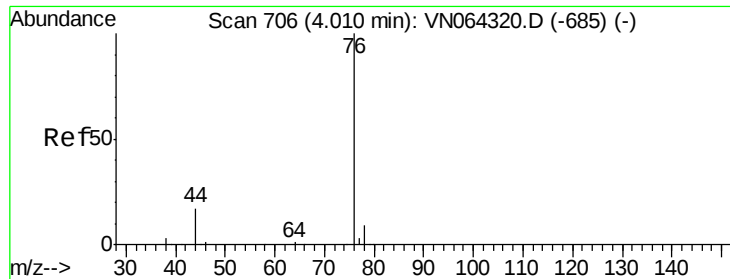
Delta R.T. 0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:	43	Resp:	388905
Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.1	33.1





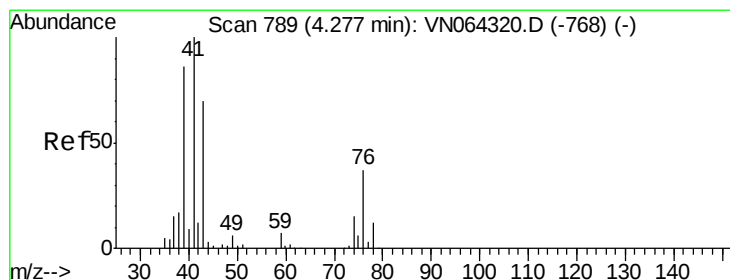
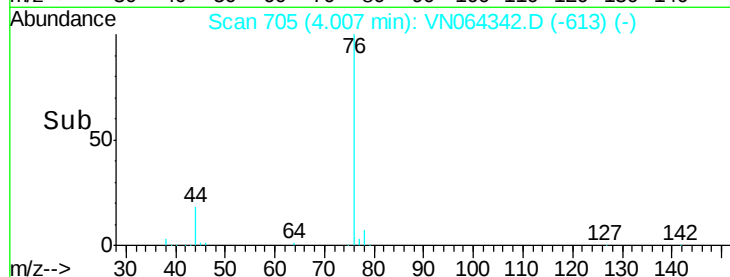
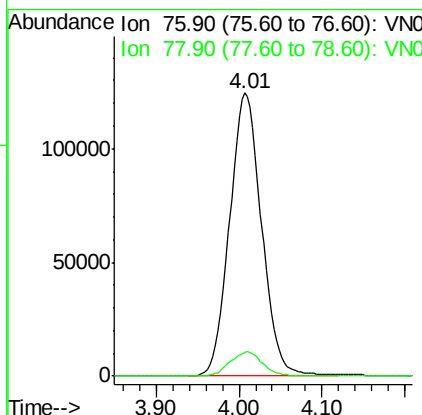
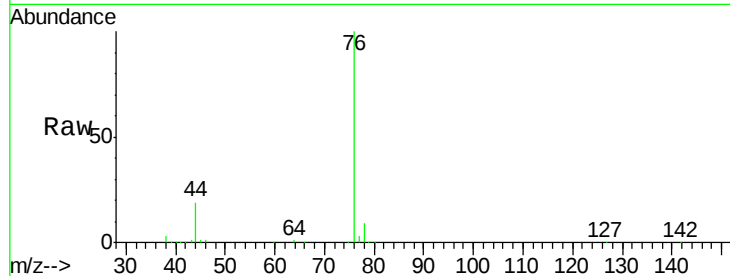
#17
Carbon Disulfide
Concen: 46.030 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

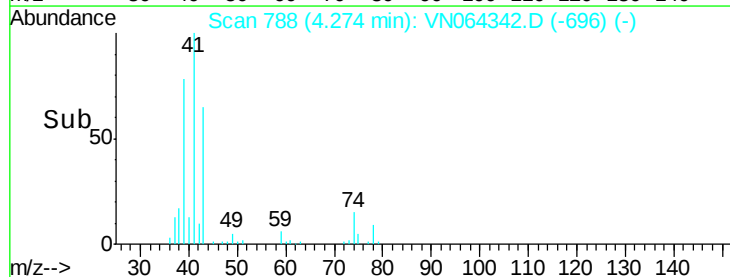
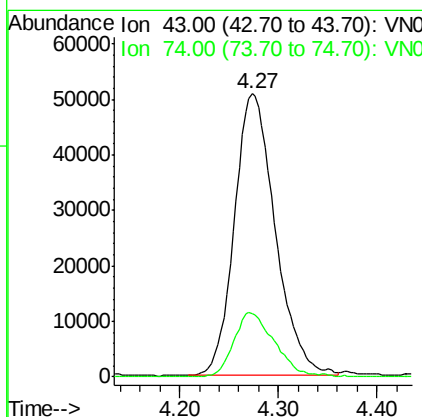
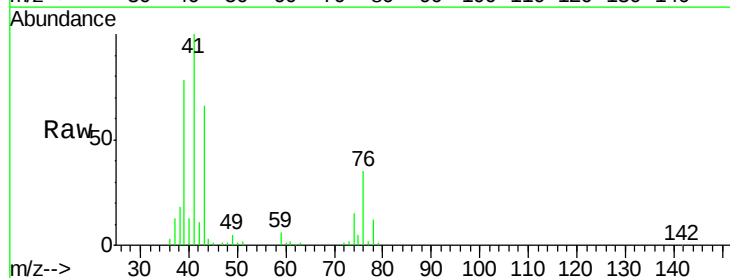
Manual Integrations
APPROVED

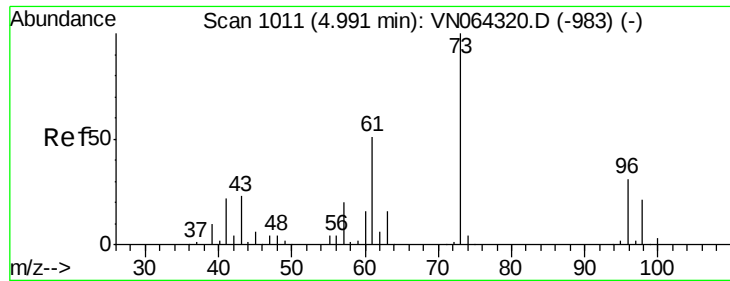
MMDadoda
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#18
Methyl Acetate
Concen: 47.350 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.7	25.1





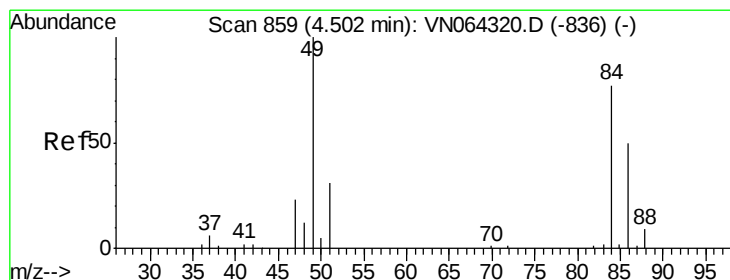
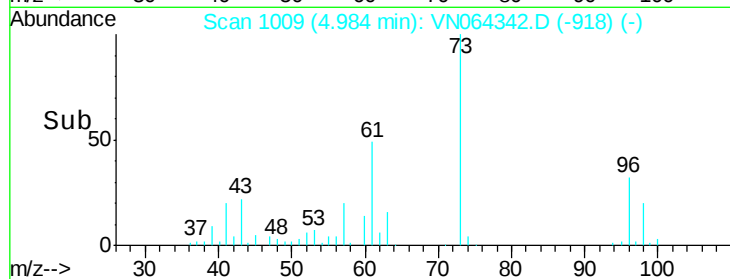
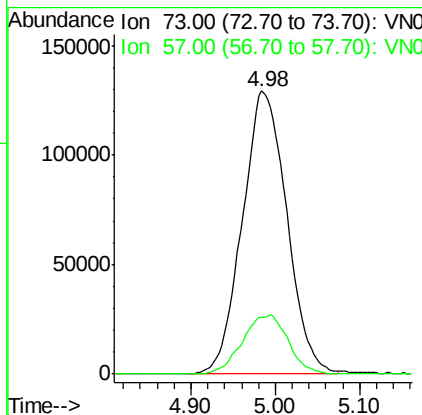
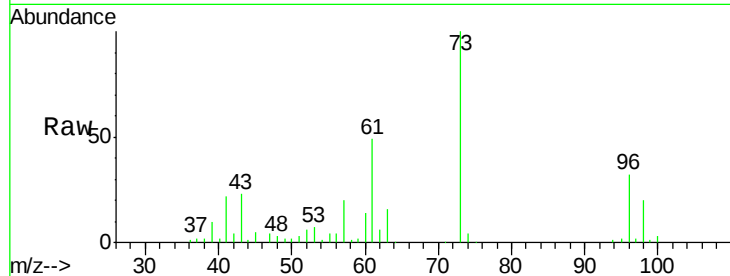
#19
Methvl tert-butvl Ether
Concen: 50.247 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 473313
Ion Ratio Lower Upper
73 100
57 20.2 16.1 24.1

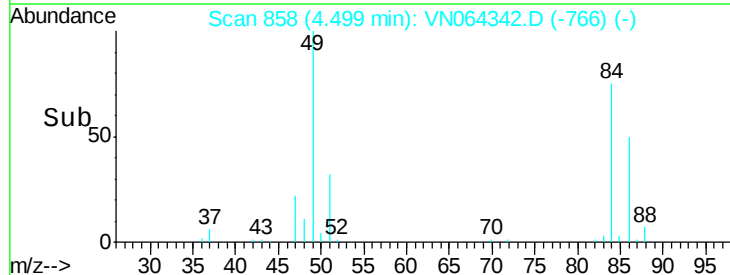
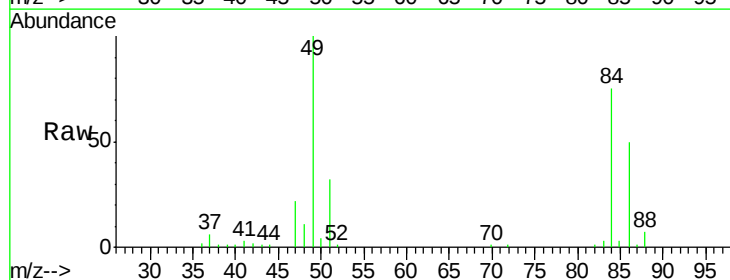
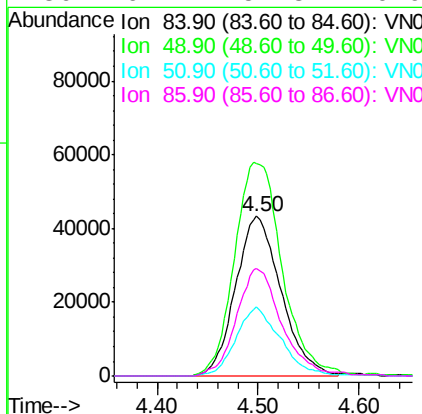
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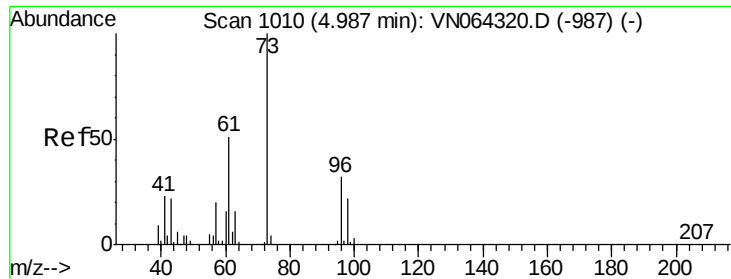
MMDadoda
10/29/2020 9:49:40 AM



#20
Methylene Chloride
Concen: 46.567 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion: 84 Resp: 136187
Ion Ratio Lower Upper
84 100
49 133.0 103.6 155.4
51 42.6 31.8 47.8
86 67.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.158 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 131709

Ion Ratio Lower Upper

96 100

61 153.5 128.2 192.2

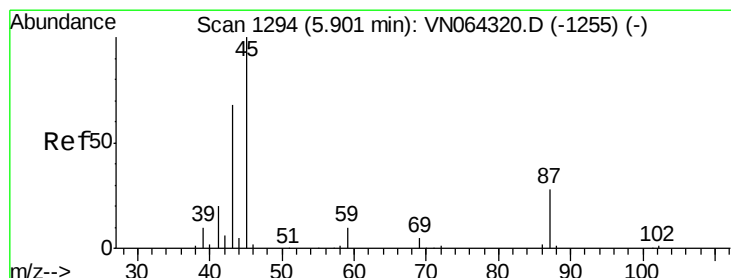
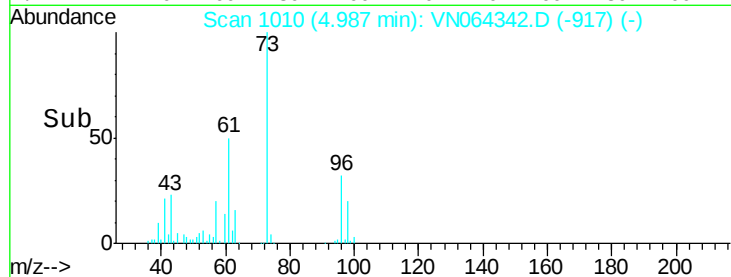
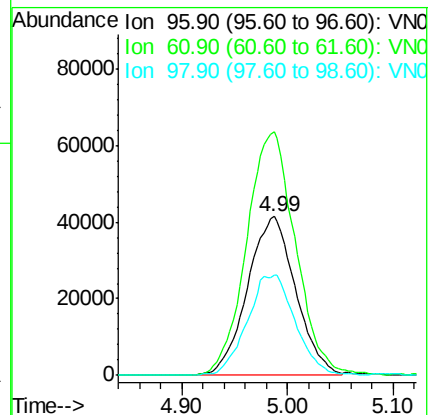
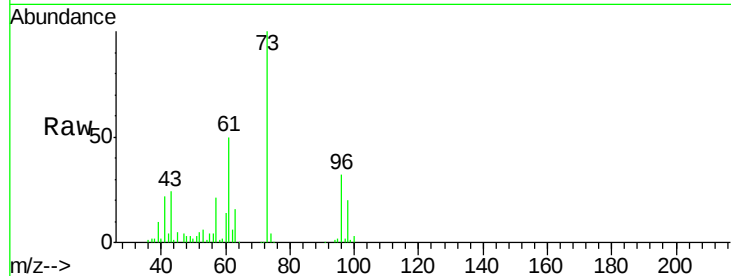
98 62.9 56.1 84.1

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.447 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion: 45 Resp: 493614

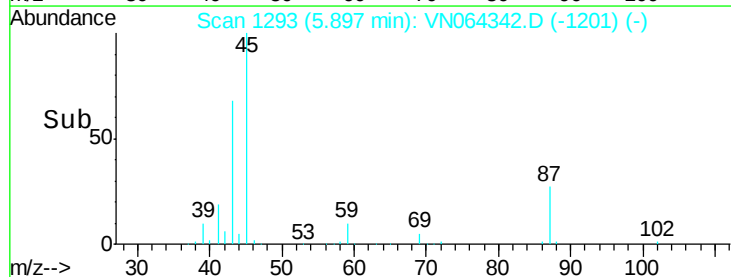
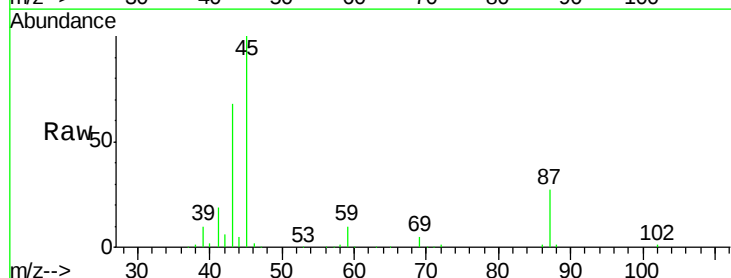
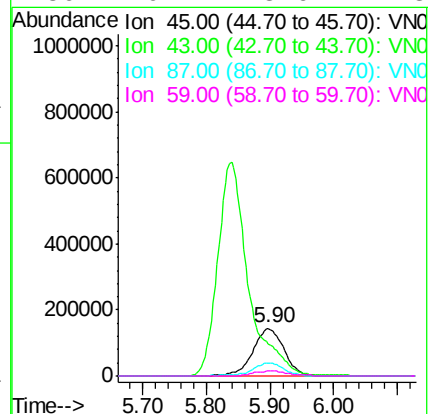
Ion Ratio Lower Upper

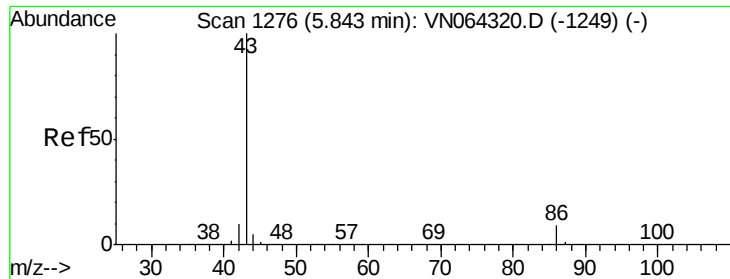
45 100

43 66.1 54.6 82.0

87 27.2 22.6 33.8

59 10.2 8.6 12.8





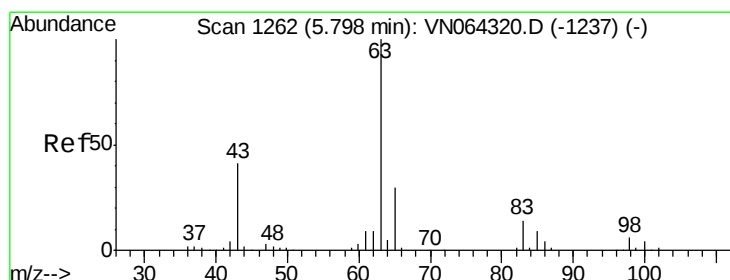
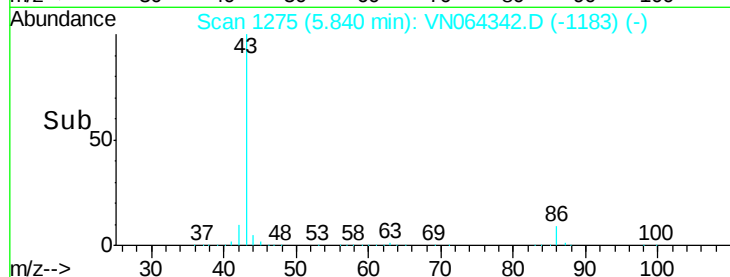
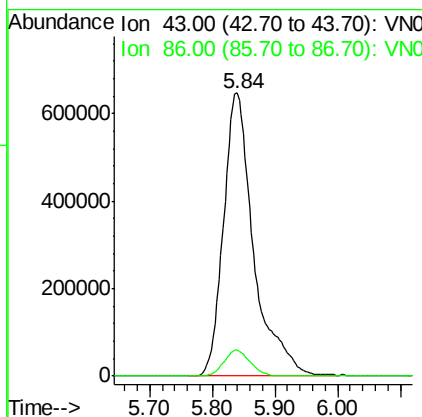
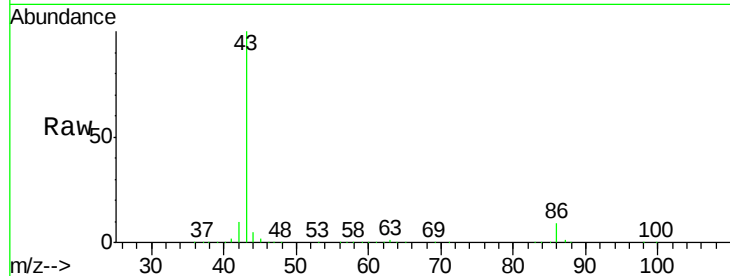
#23
 Vinyl Acetate
 Concen: 261.993 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2168803
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9

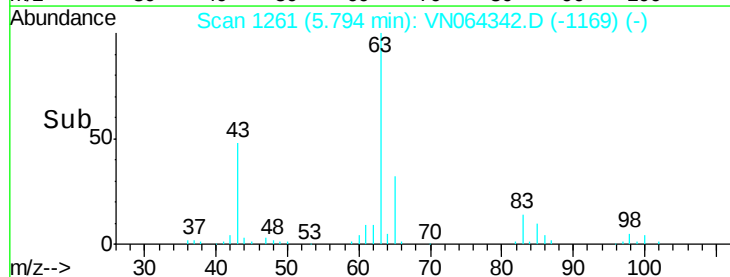
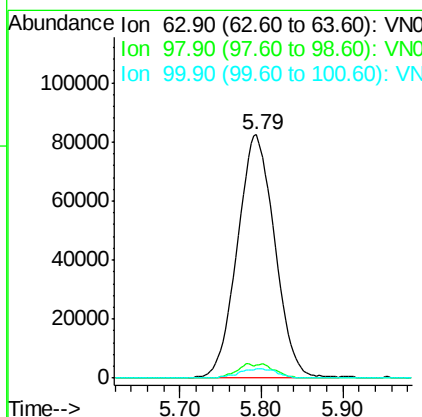
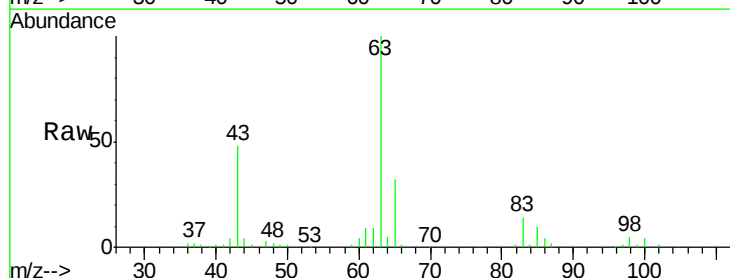
Manual Integrations
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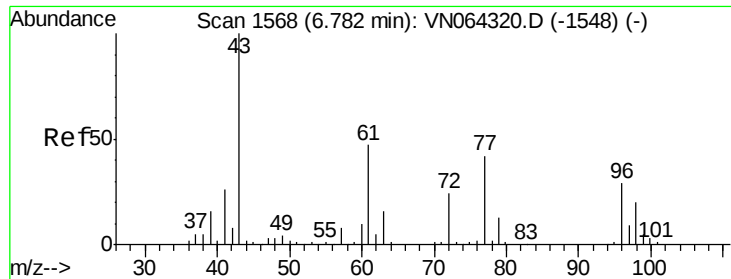
MMDadoda
 10/29/2020 9:49:40 AM



#24
 1,1-Dichloroethane
 Concen: 47.795 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion: 63 Resp: 261686
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.1 9.4
 100 3.6 2.0 5.8





#25

2-Butanone

Concen: 256.992 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 532112

Ion Ratio Lower Upper

43 100

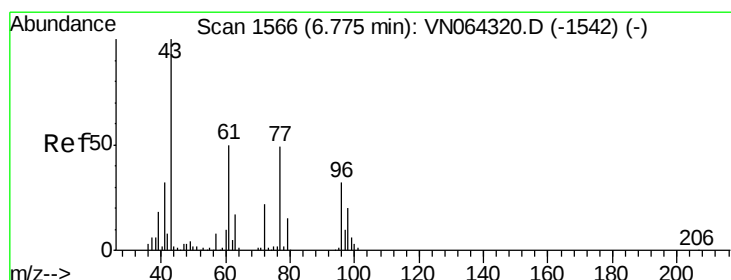
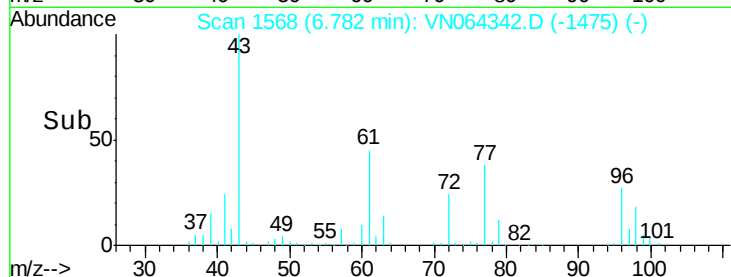
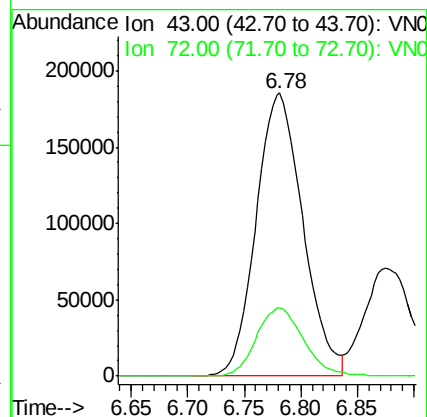
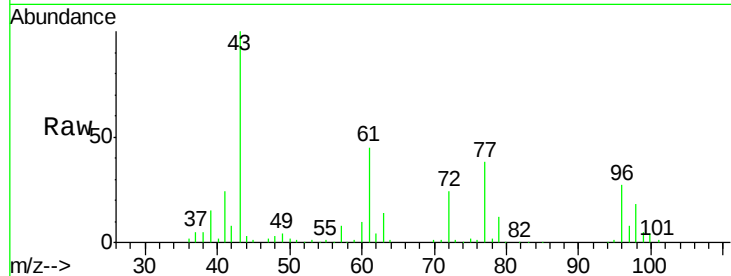
72 24.3 18.8 28.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.986 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064342.D

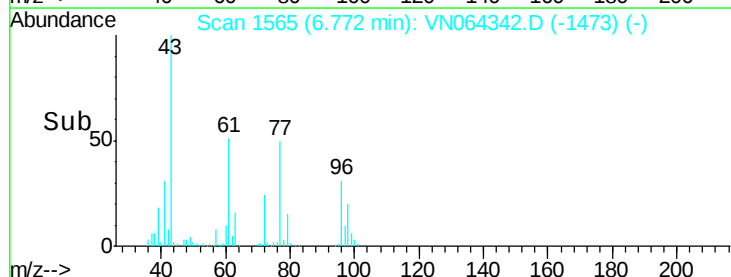
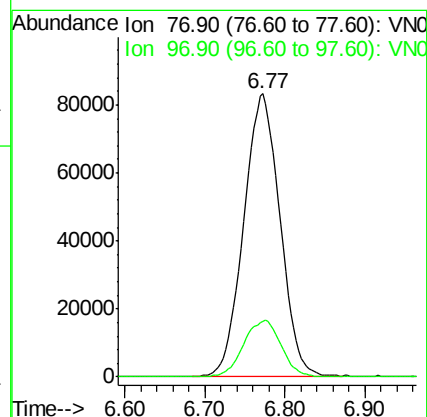
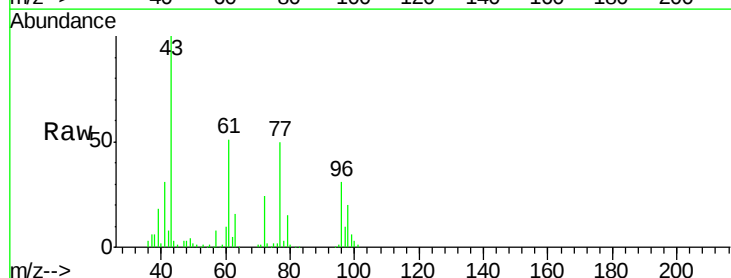
Acq: 28 Oct 2020 10:24

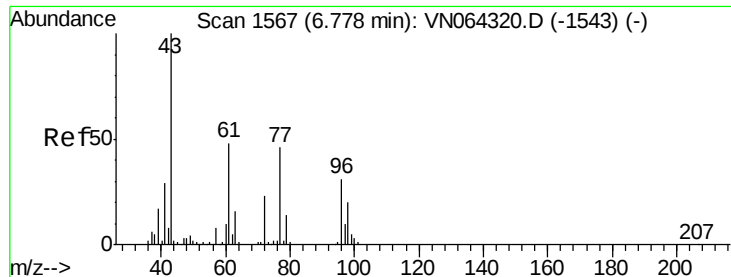
Tgt Ion: 77 Resp: 257137

Ion Ratio Lower Upper

77 100

97 20.7 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 48.864 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

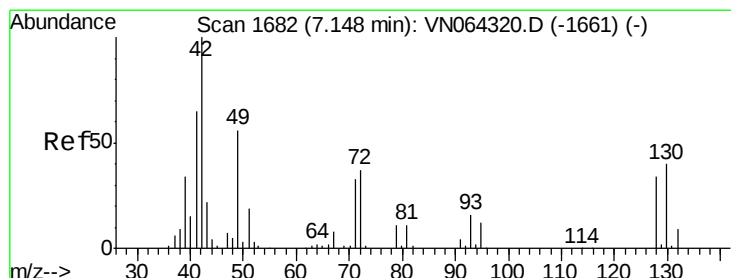
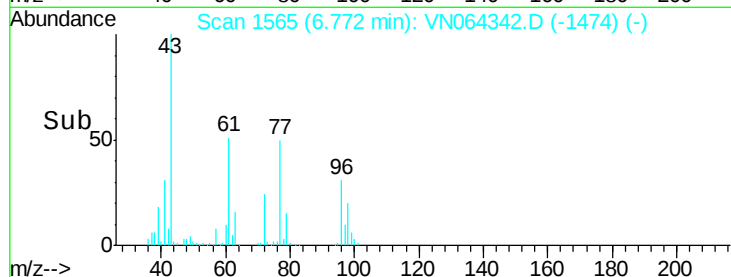
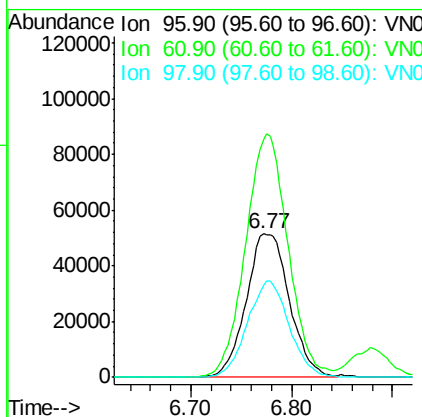
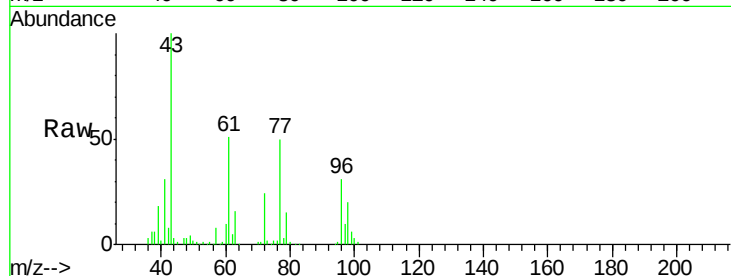
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	152941
Ion	Ratio	Lower	Upper
96	100		
61	166.7	0.0	325.0
98	65.0	0.0	128.4

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#28

Bromochloromethane

Concen: 49.020 ug/l

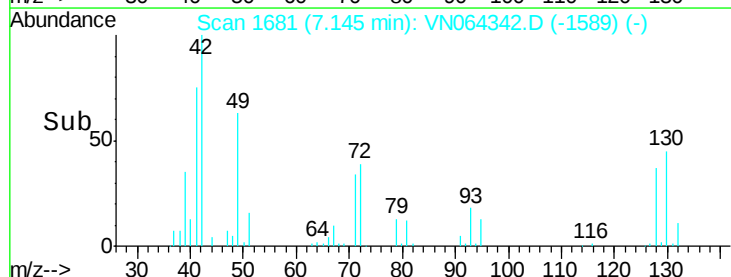
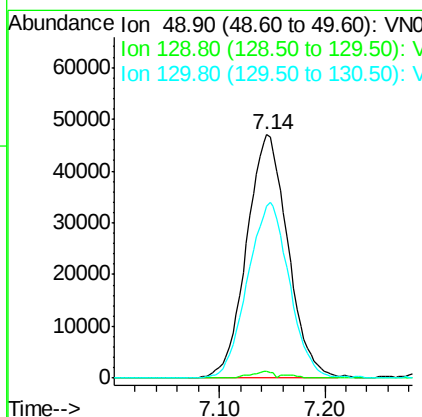
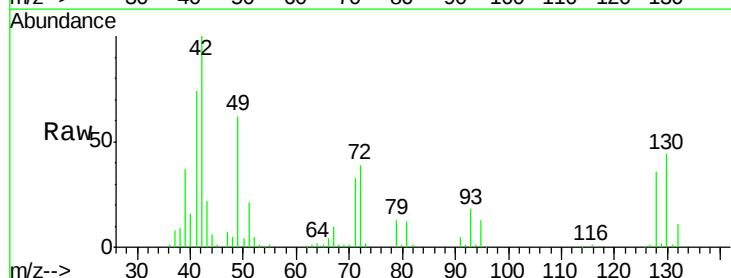
RT: 7.14 min Scan# 1681

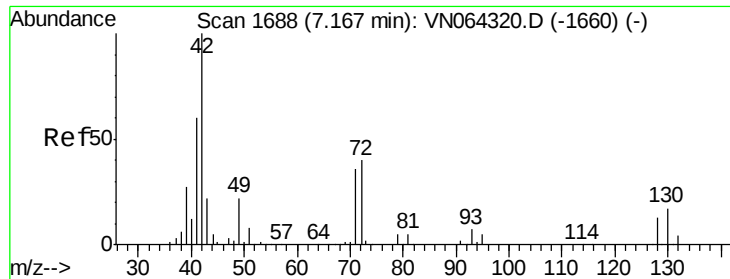
Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:	49	Resp:	127876
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.8
130	73.0	56.2	84.2





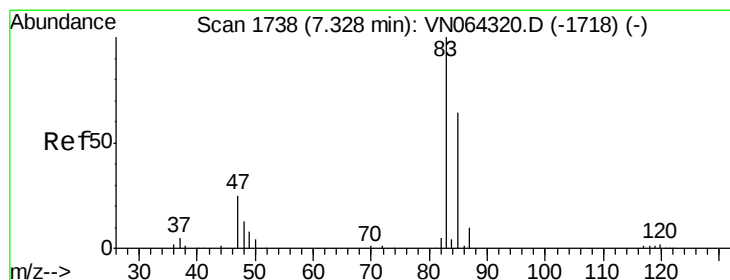
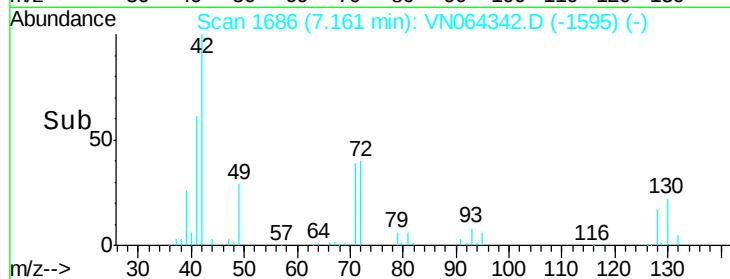
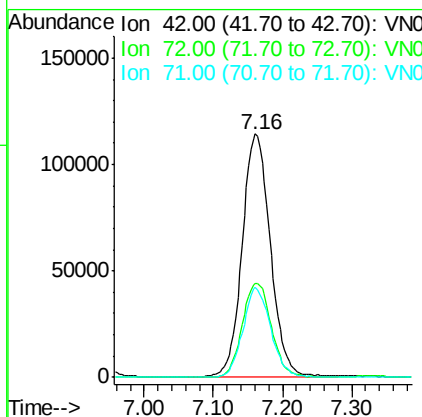
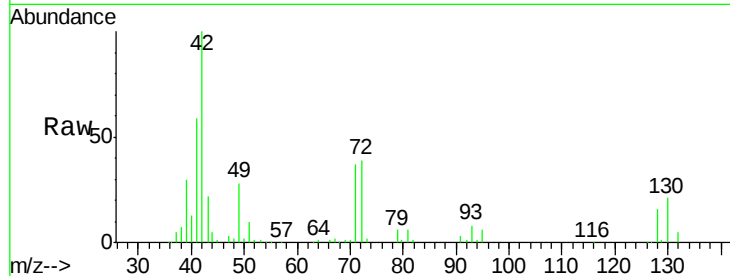
#29
Tetrahydrofuran
Concen: 240.470 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.1	31.6	47.4
71	36.4	29.4	44.0

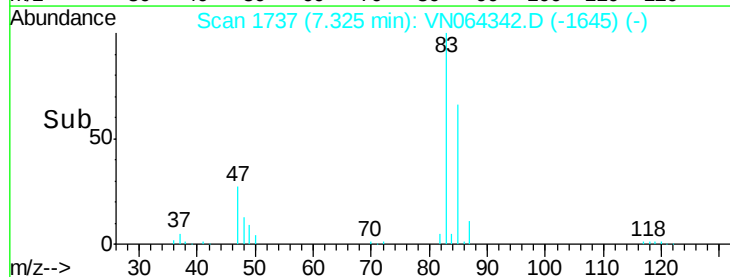
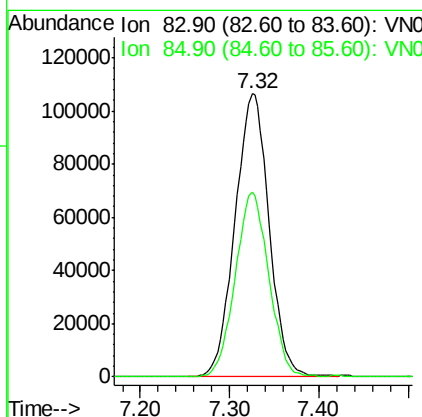
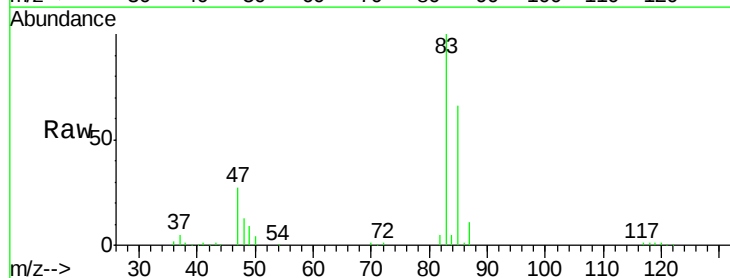
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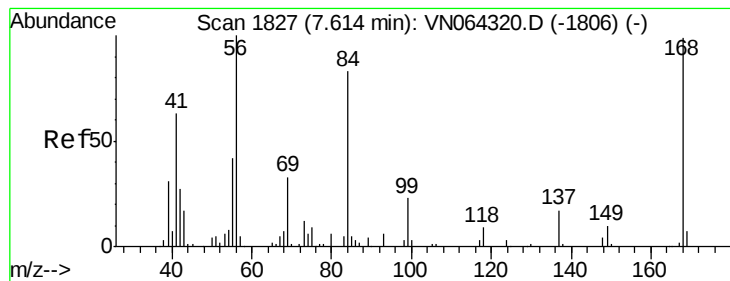
MMDadoda
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#30
Chloroform
Concen: 48.303 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.1	76.7





#31

Cyclohexane

Concen: 46.524 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

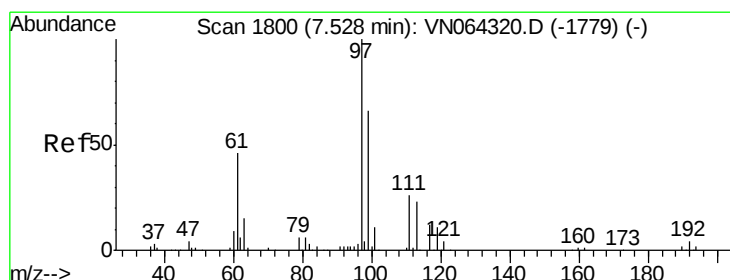
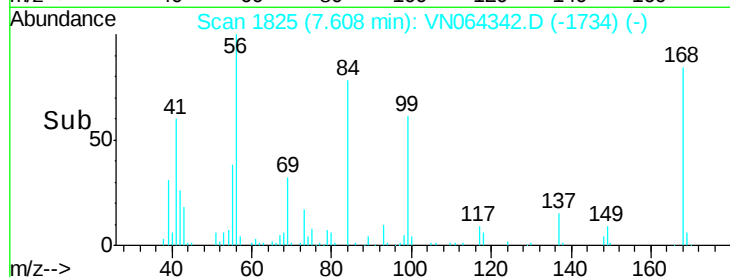
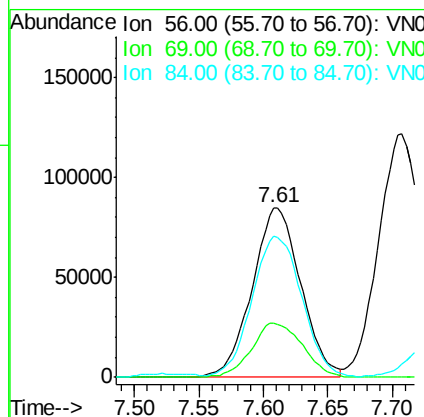
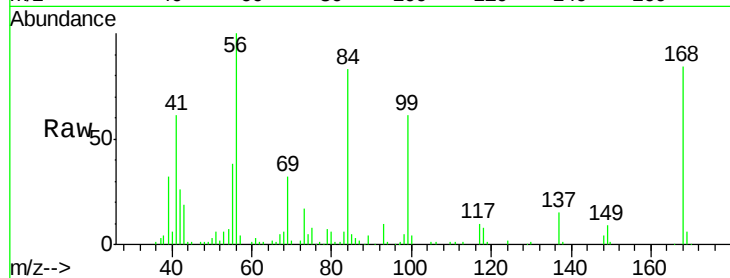
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	222664
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.8	38.8
84	81.5	66.3	99.5

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#32

1,1,1-Trichloroethane

Concen: 46.888 ug/l

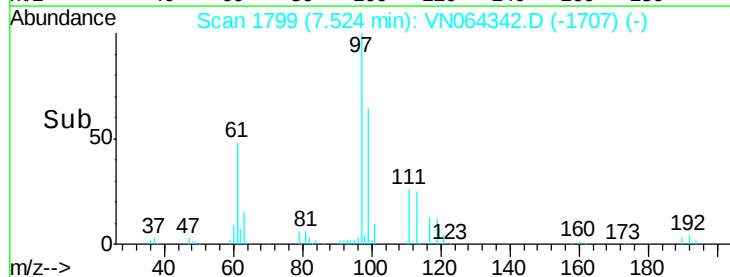
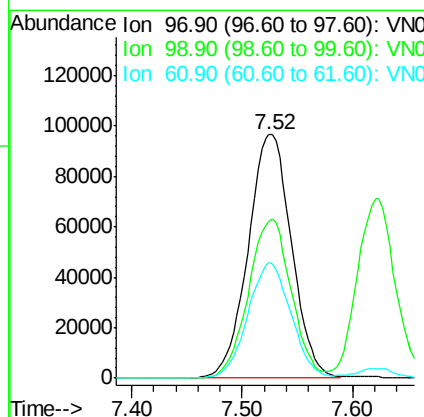
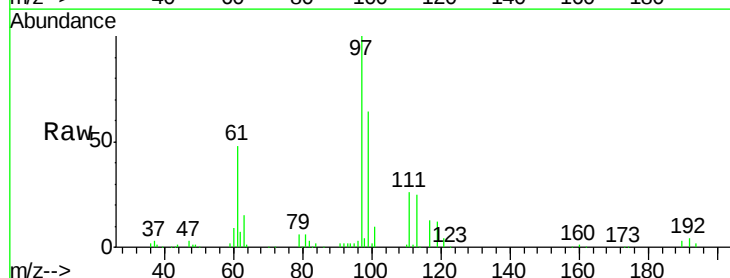
RT: 7.52 min Scan# 1799

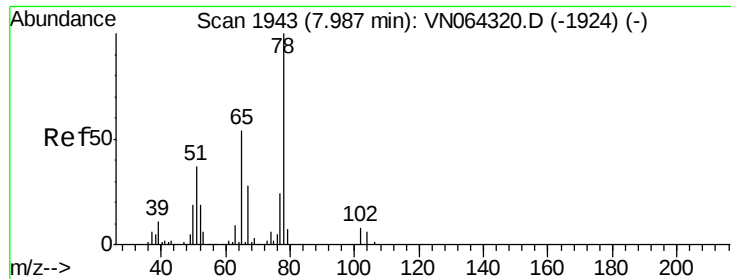
Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:	97	Resp:	263135
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	47.0	35.8	53.6





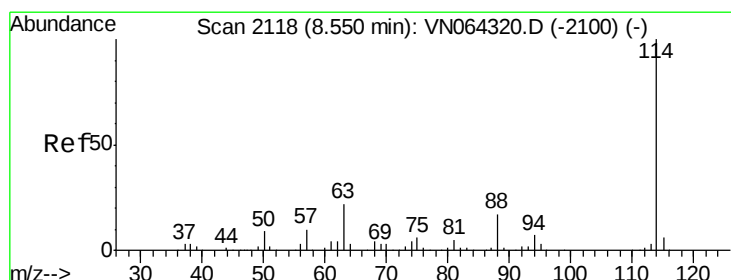
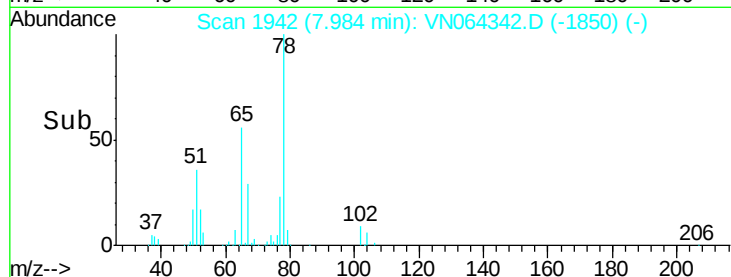
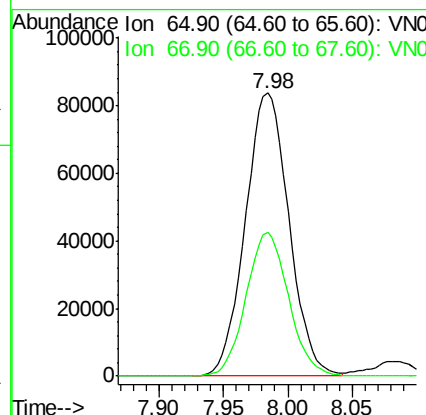
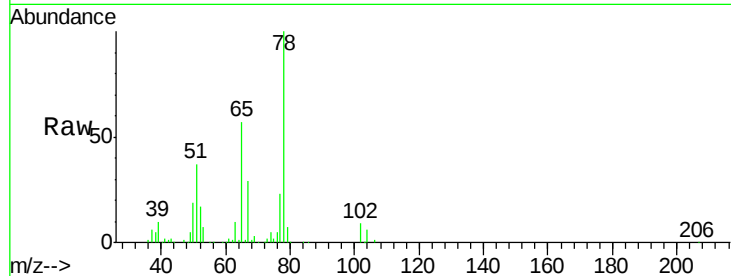
#33
 1,2-Dichloroethane-d4
 Concen: 47.926 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.2

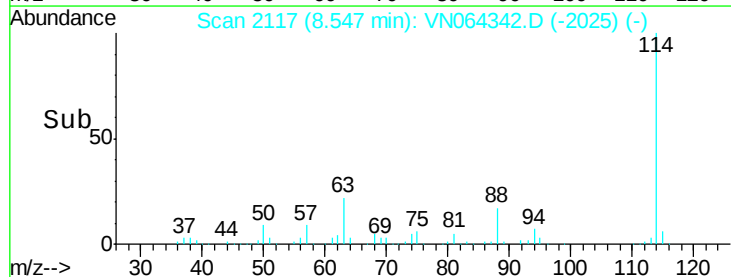
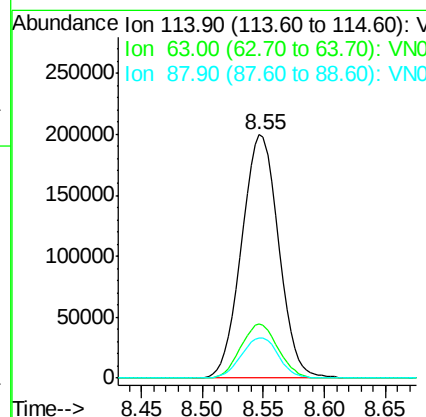
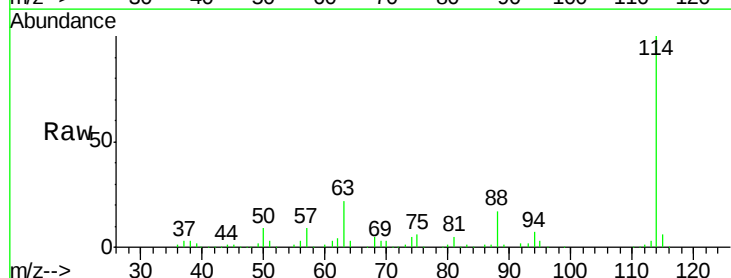
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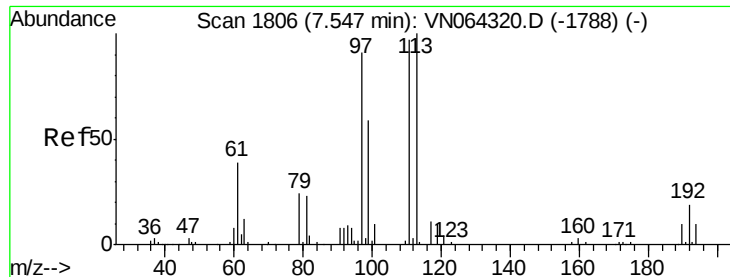
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 10/29/2020 9:49:40 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.6
88	16.7	0.0	33.4





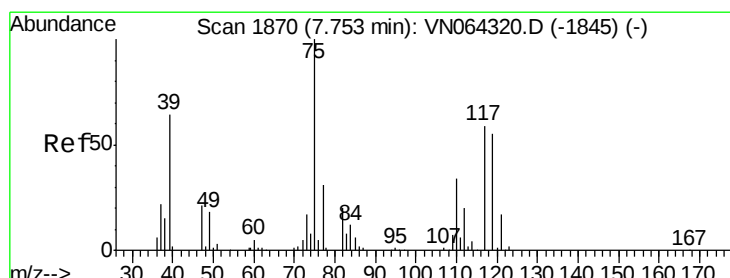
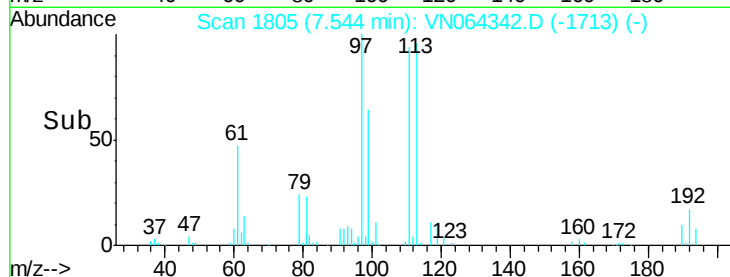
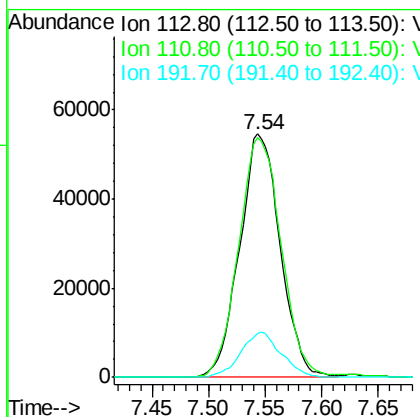
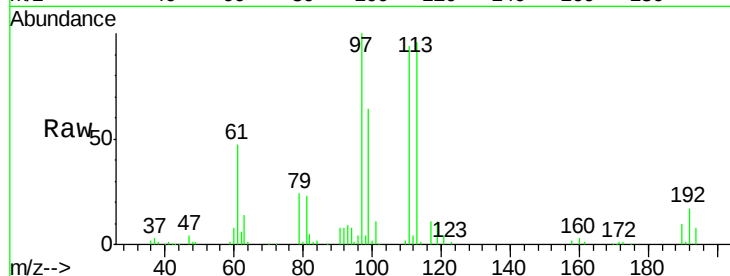
#35
 Dibromofluoromethane
 Concen: 48.899 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.5	122.3
192	18.4	15.0	22.4

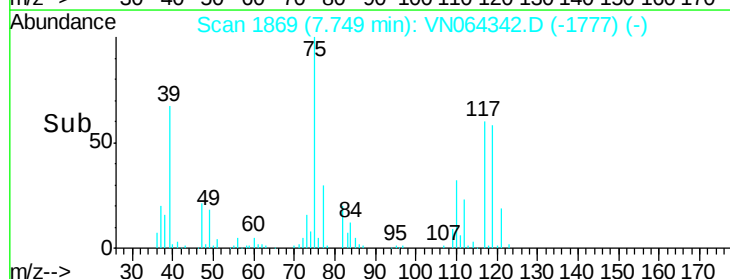
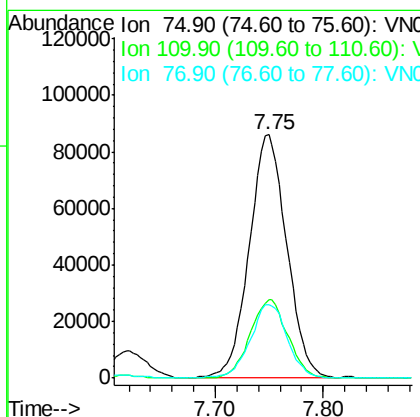
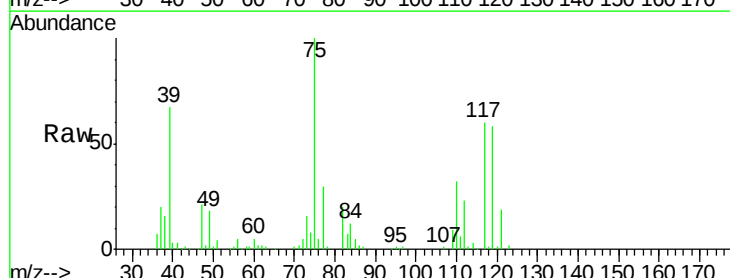
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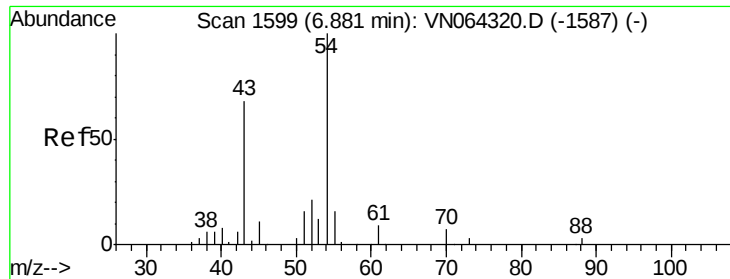
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 10/29/2020 9:49:40 AM



#36
 1,1-Dichloropropene
 Concen: 49.259 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.2	16.8	50.3
77	30.0	24.2	36.4





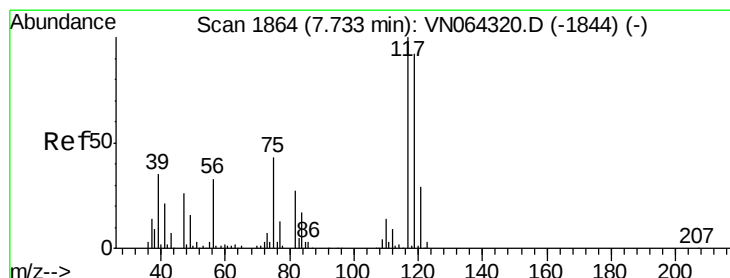
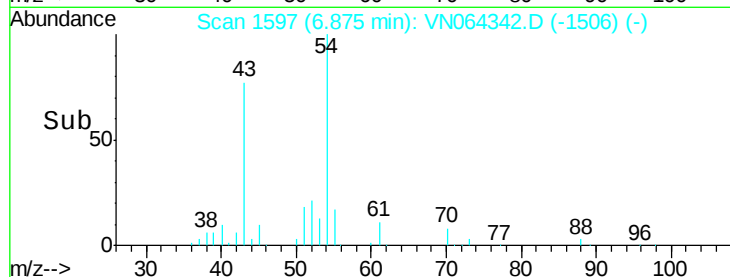
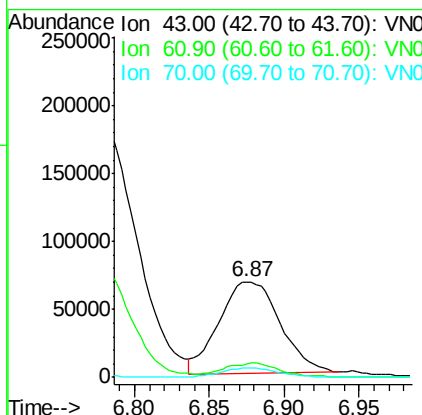
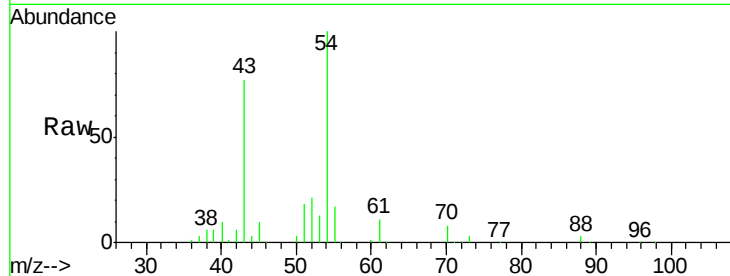
#37
Ethyl Acetate
Concen: 45.304 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.0	15.0
70	9.9	7.1	10.7

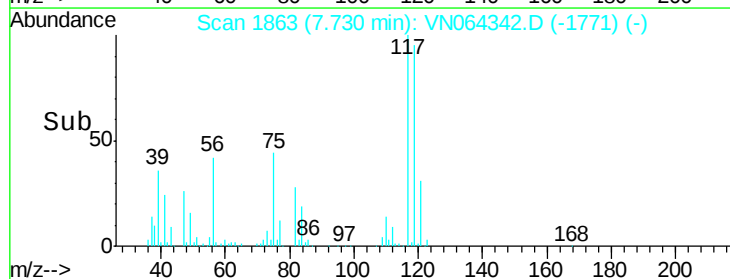
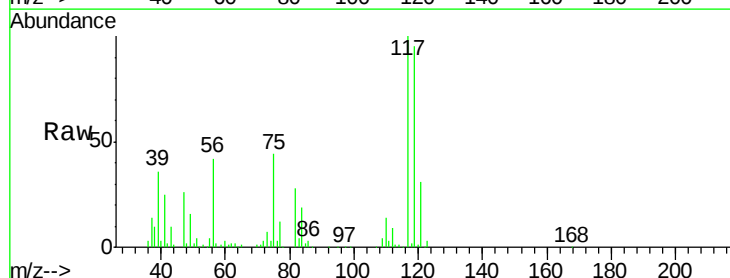
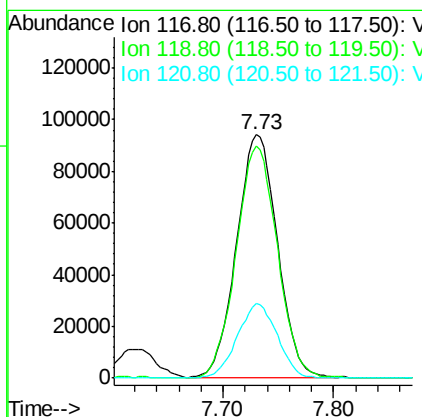
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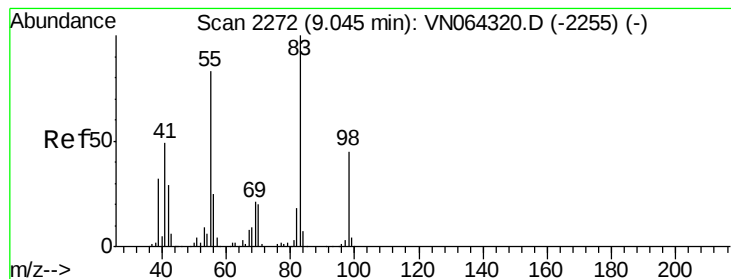
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#38
Carbon Tetrachloride
Concen: 49.092 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	73.7	110.5
121	30.7	22.8	34.2





#39

Methvlcvclohexane

Concen: 49.315 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

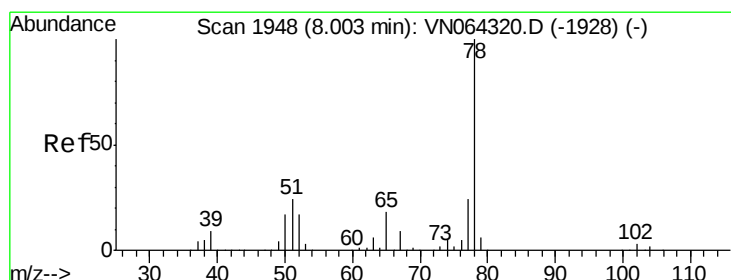
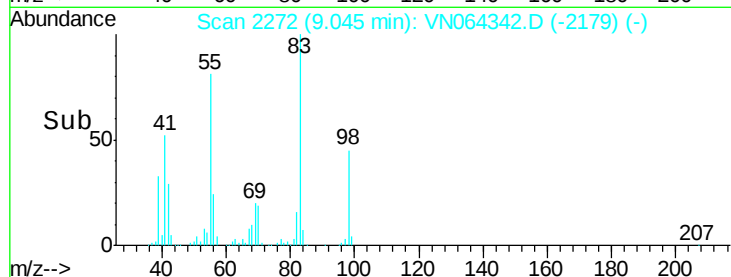
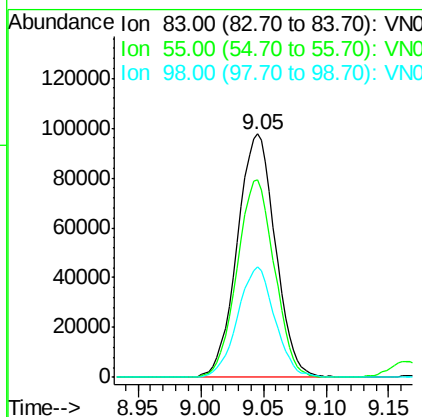
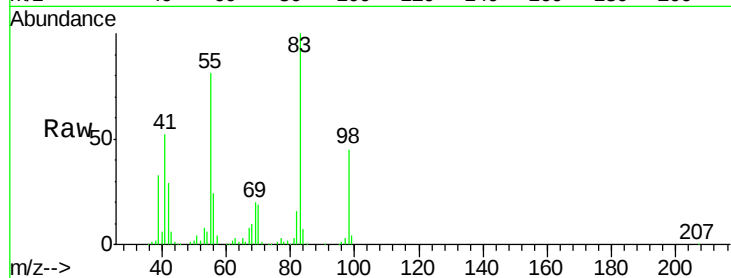
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	206480
Ion Ratio	Lower	Upper	
83	100		
55	81.3	66.2	99.4
98	45.2	36.0	54.0

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#40

Benzene

Concen: 48.299 ug/l

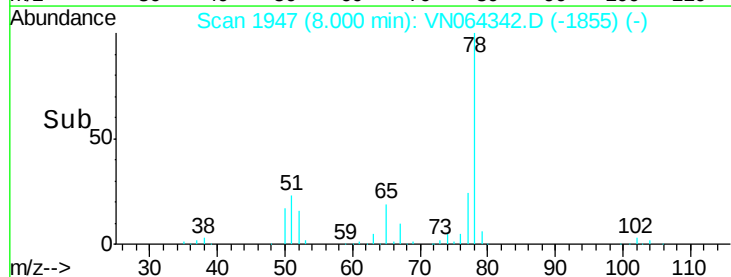
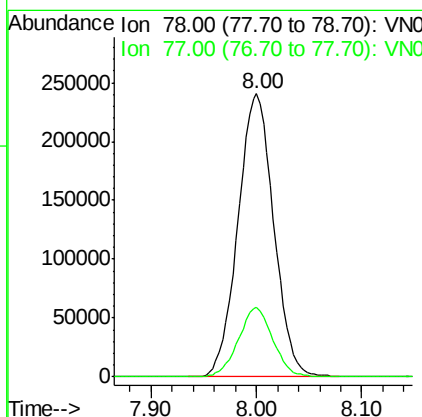
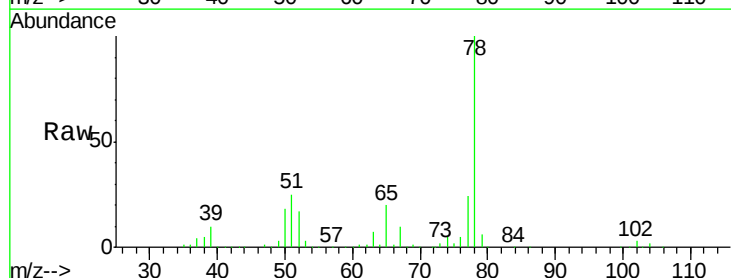
RT: 8.00 min Scan# 1947

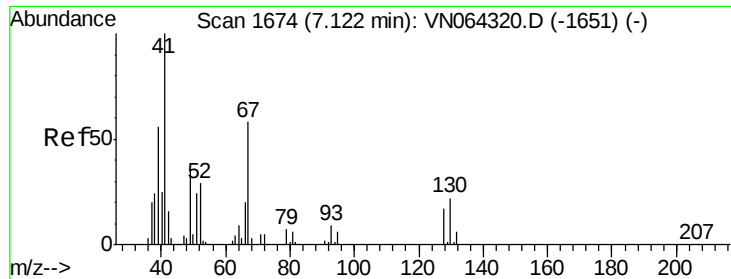
Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:	78	Resp:	567698
Ion Ratio	Lower	Upper	
78	100		
77	24.5	18.8	28.2





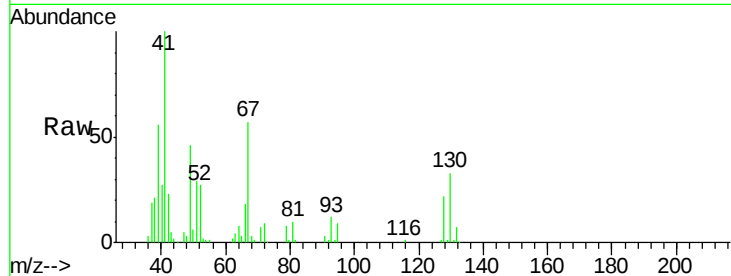
#41
Methacrylonitrile
Concen: 45.885 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

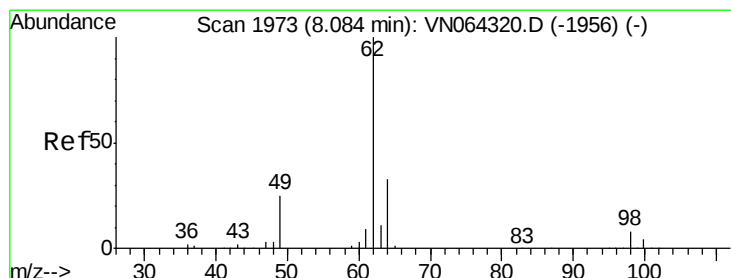
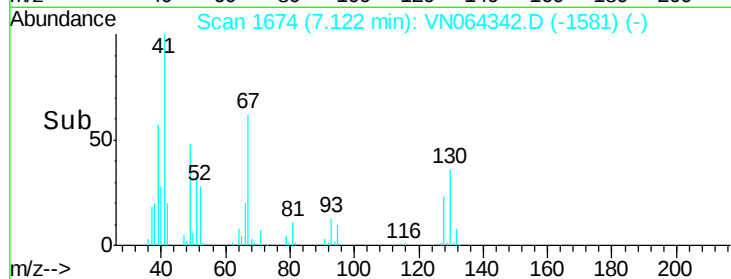
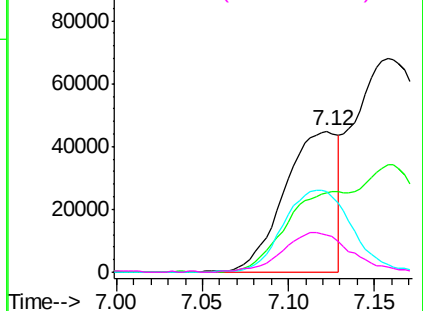
Tot Ion	41	Resp	97152
Ion Ratio	Lower	Upper	
41	100		
39	65.9	48.6	72.8
67	75.8	61.4	92.2
52	34.8	27.6	41.4

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MMDadoda
10/29/2020 9:49:40 AM

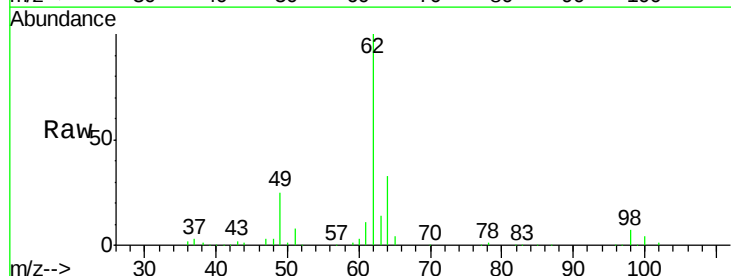


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

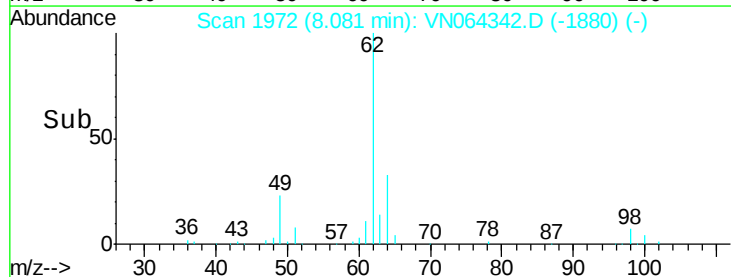
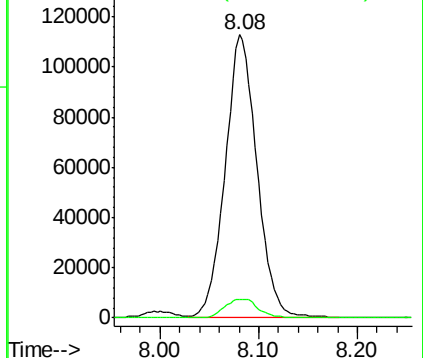


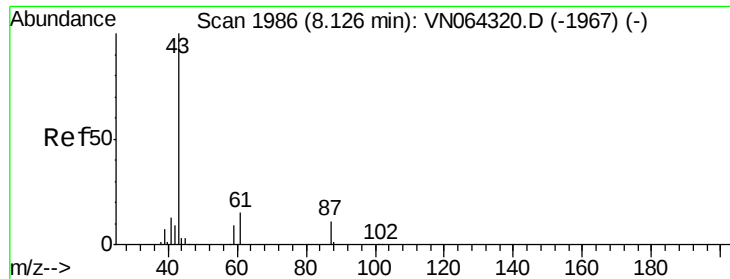
#42
1,2-Dichloroethane
Concen: 49.772 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	62	Resp	252709
Ion Ratio	Lower	Upper	
62	100		
98	7.0	0.0	14.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





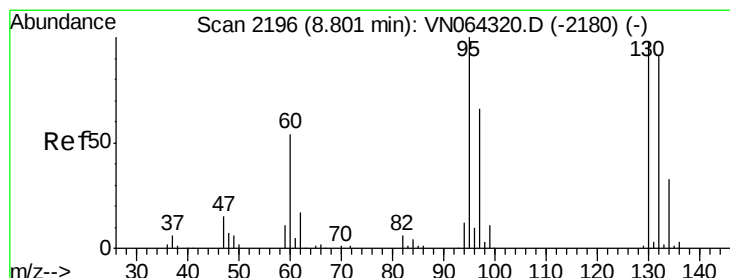
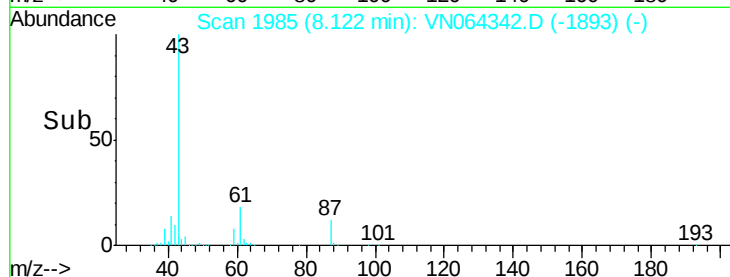
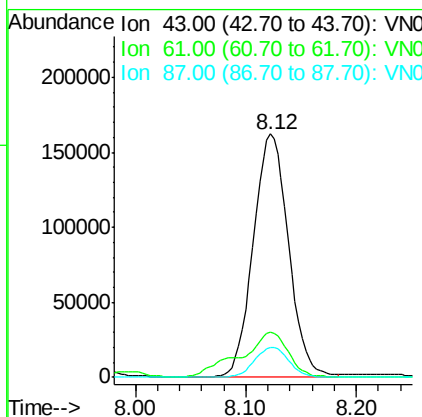
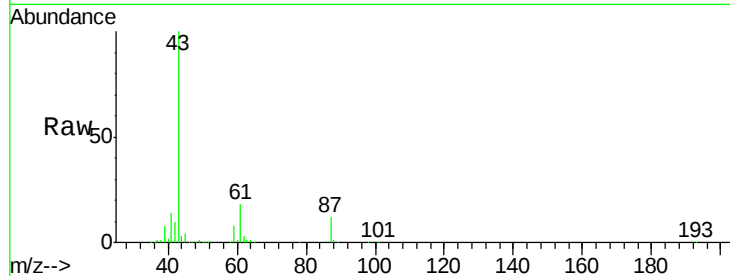
#43
Isopropyl Acetate
Concen: 49.287 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	19.1	28.7#
87	12.2	9.3	13.9

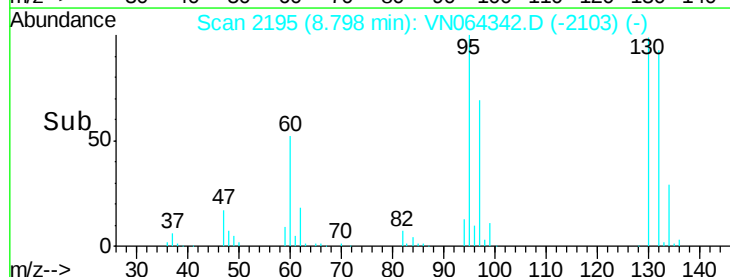
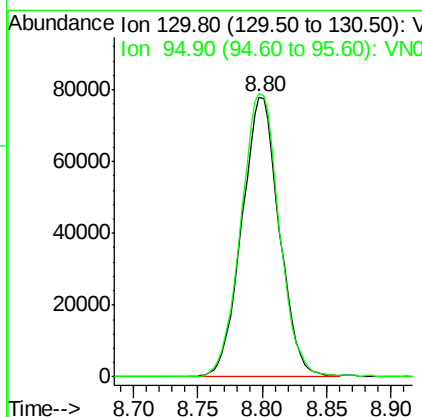
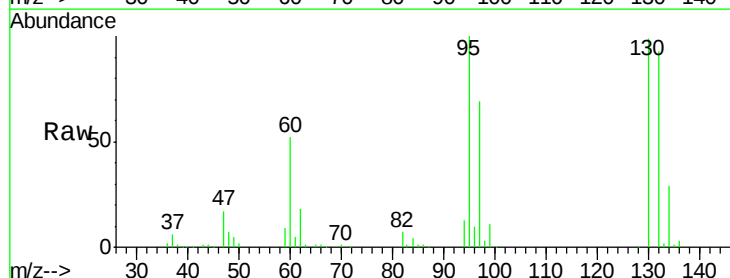
Manual Integrations
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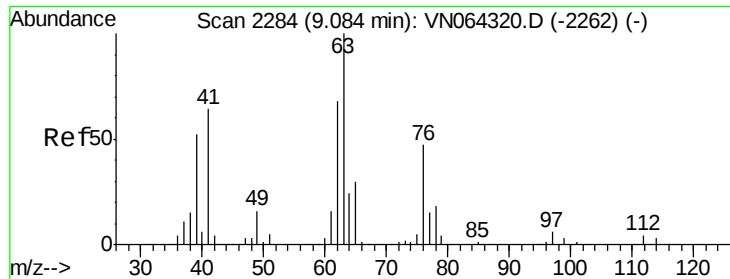
MMDadoda
10/29/2020 9:49:40 AM



#44
Trichloroethene
Concen: 51.142 ug/l
RT: 8.80 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	203.6





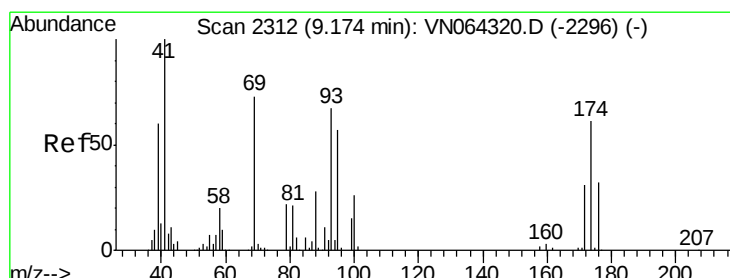
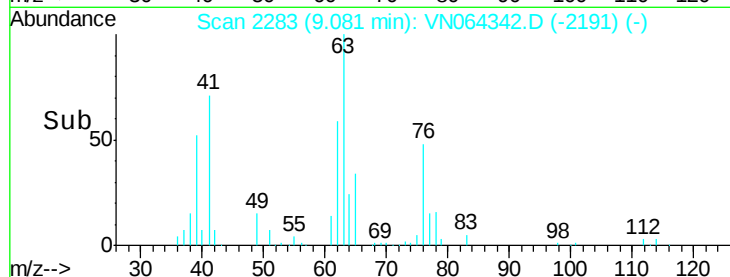
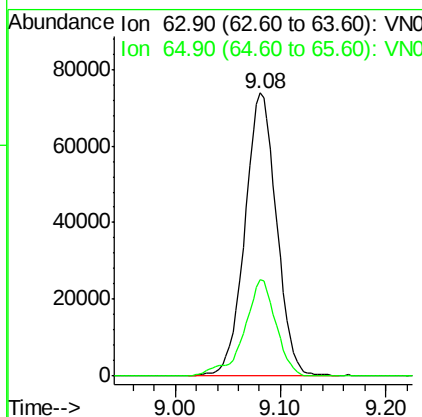
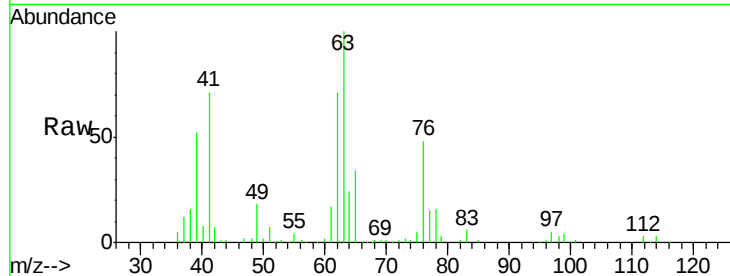
#45
 1,2-Dichloropropane
 Concen: 49.042 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 154360
 Ion Ratio Lower Upper
 63 100
 65 34.1 24.3 36.5

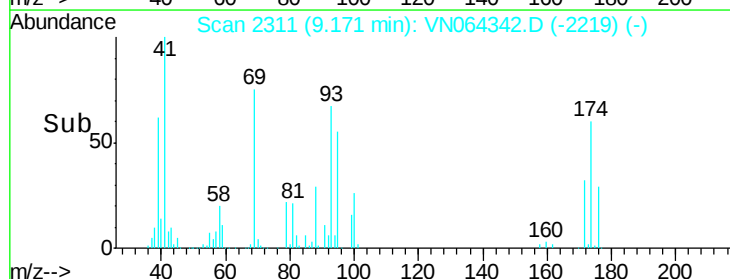
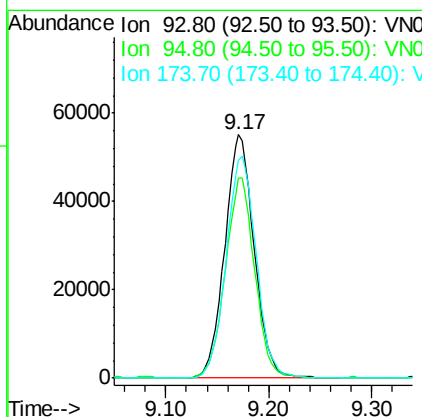
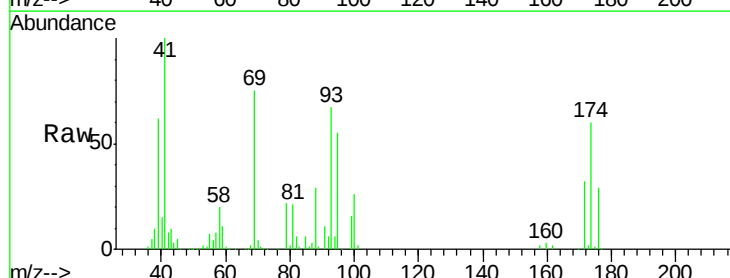
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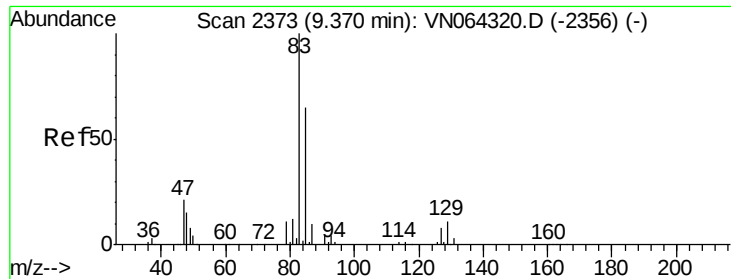
MMDadoda
 10/29/2020 9:49:40 AM



#46
 Dibromomethane
 Concen: 49.849 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion: 93 Resp: 109765
 Ion Ratio Lower Upper
 93 100
 95 81.8 64.4 96.6
 174 92.7 71.4 107.0





#47

Bromodichloromethane

Concen: 47.893 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

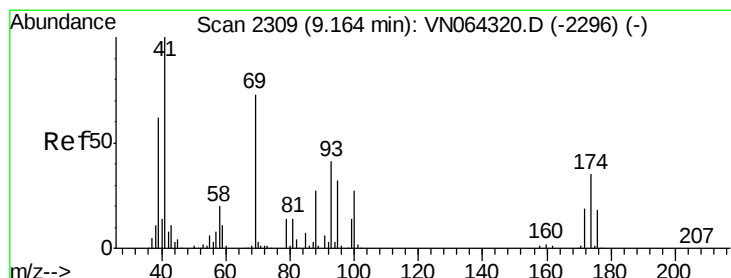
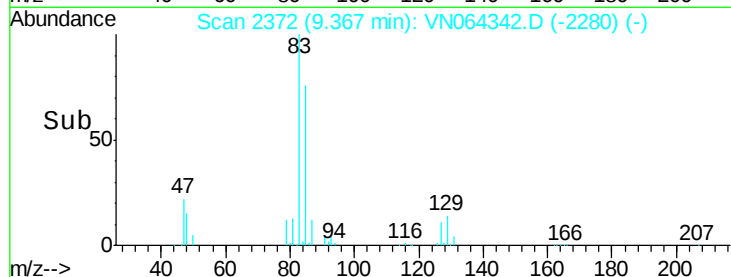
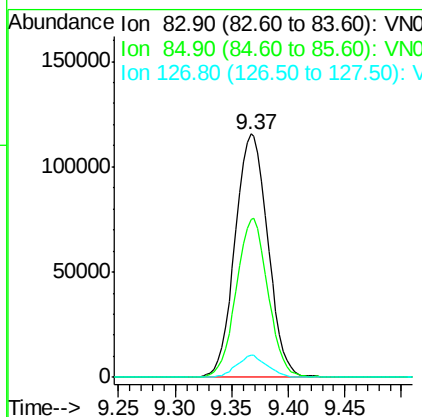
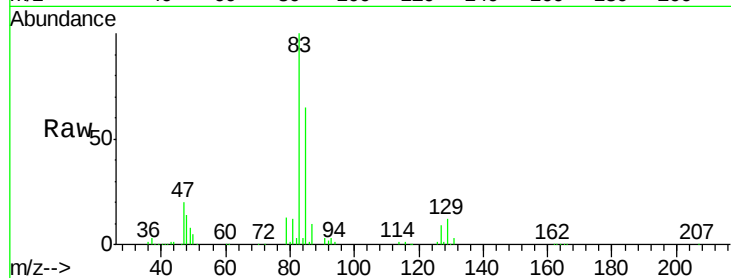
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	233713
Ion Ratio	Lower	Upper	
83	100		
85	64.8	52.1	78.1
127	9.2	6.7	10.1

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#48

Methyl methacrylate

Concen: 49.797 ug/l

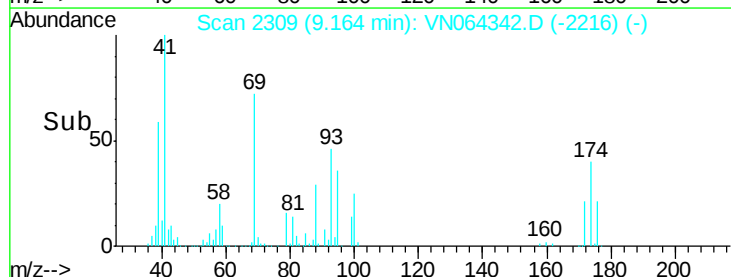
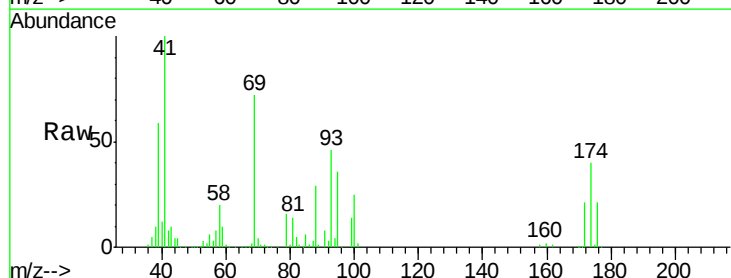
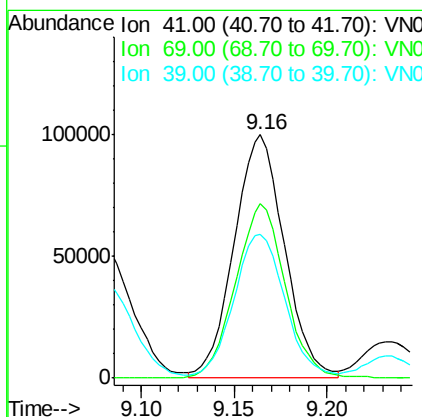
RT: 9.16 min Scan# 2309

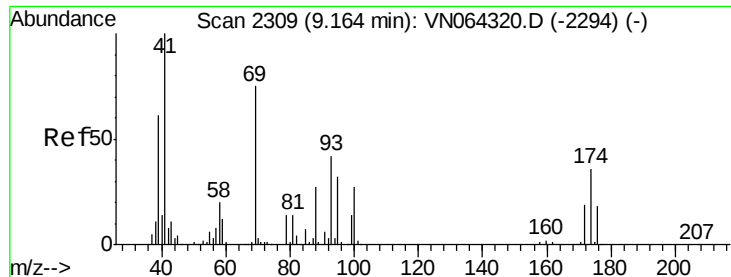
Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:	41	Resp:	187327
Ion Ratio	Lower	Upper	
41	100		
69	71.1	59.1	88.7
39	60.4	51.3	76.9





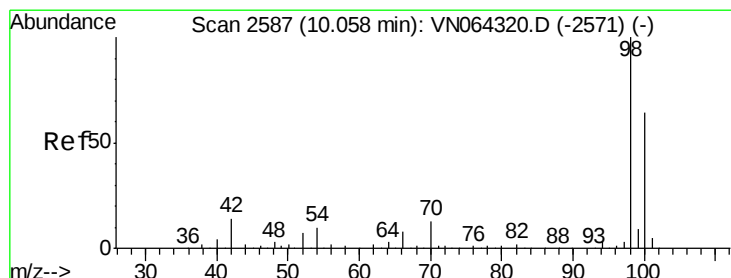
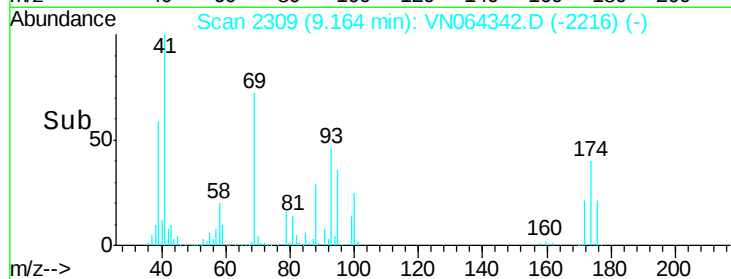
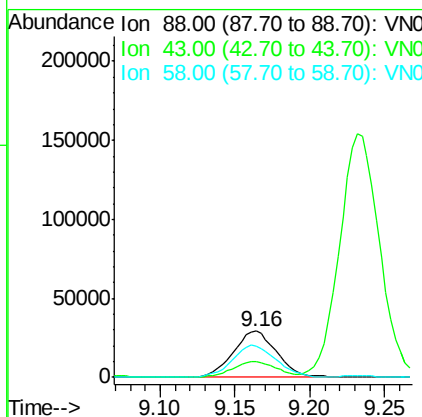
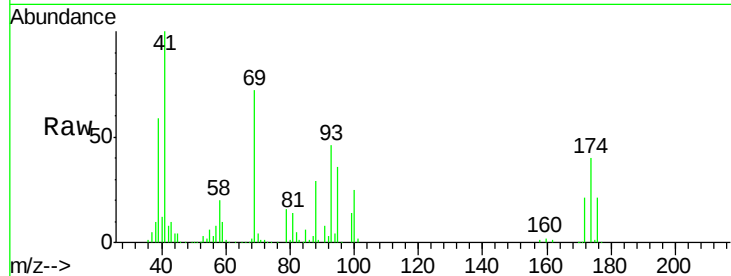
#49
1,4-Dioxane
Concen: 1075.286 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	31.8	47.8
58	69.2	60.3	90.5

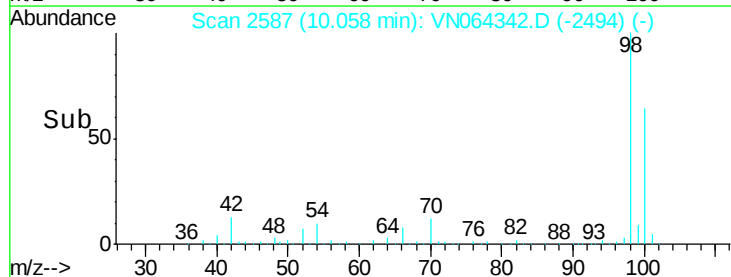
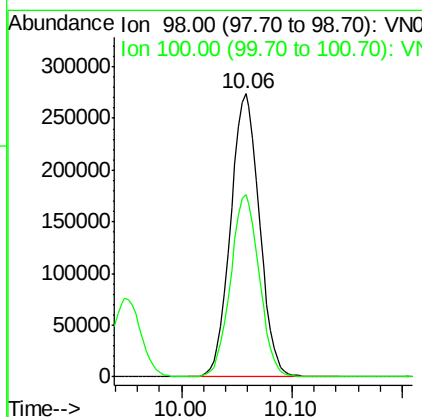
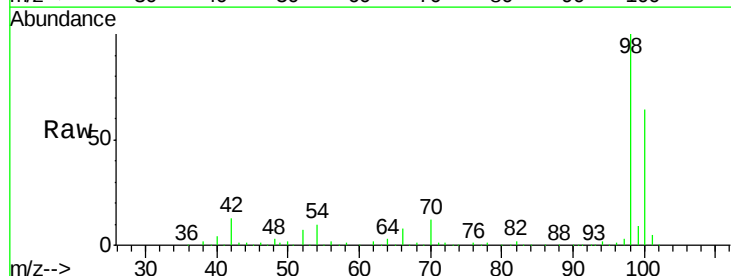
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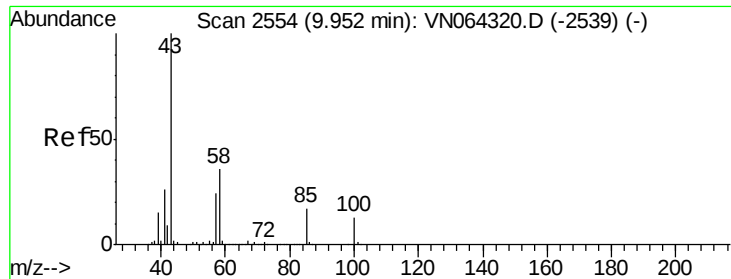
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#50
Toluene-d8
Concen: 48.218 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 247.883 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1050596

Ion Ratio Lower Upper

43 100

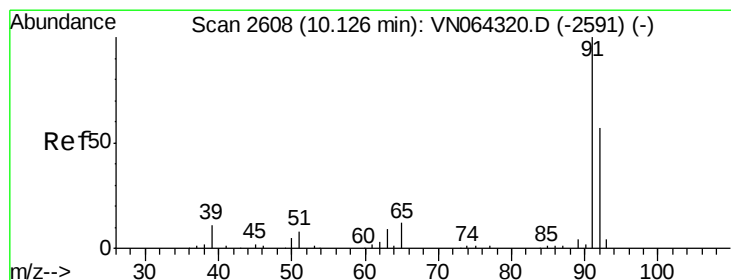
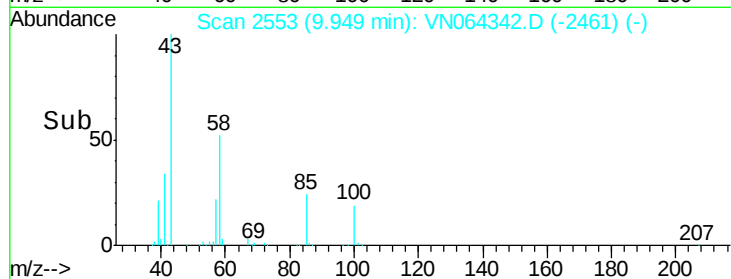
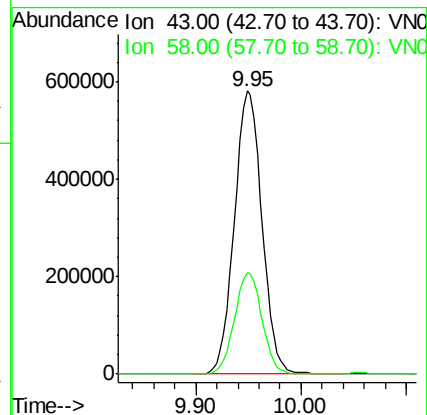
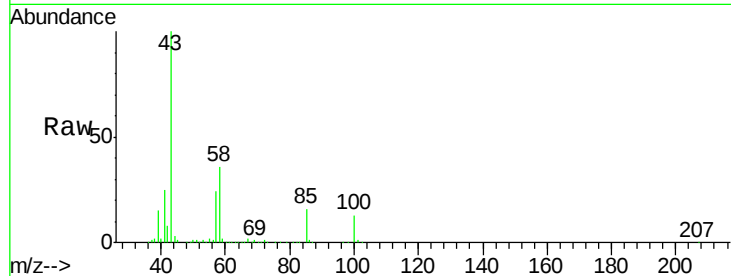
58 35.8 28.6 42.8

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#52

Toluene

Concen: 49.744 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064342.D

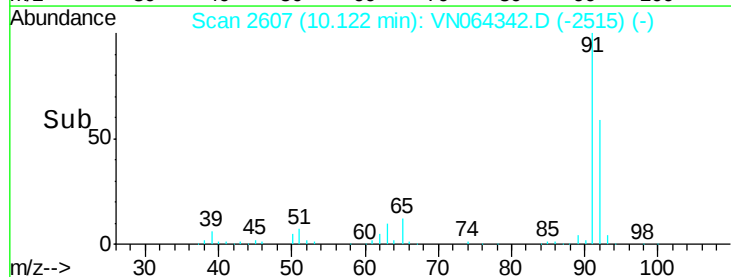
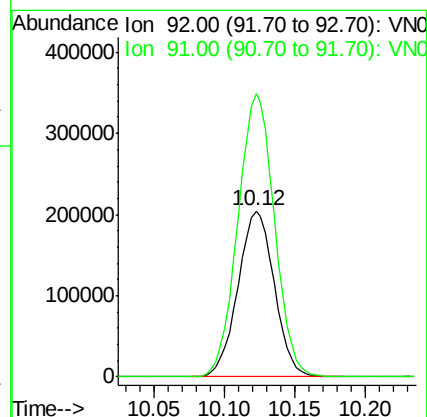
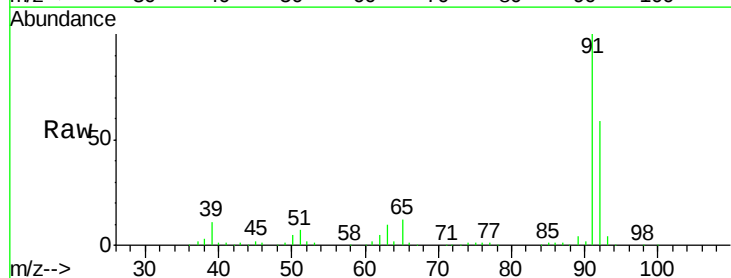
Acq: 28 Oct 2020 10:24

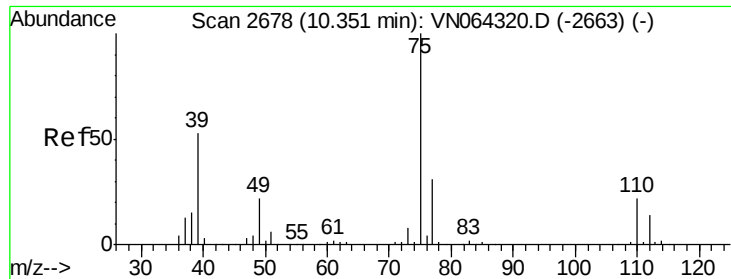
Tgt Ion: 92 Resp: 368949

Ion Ratio Lower Upper

92 100

91 171.6 139.9 209.9





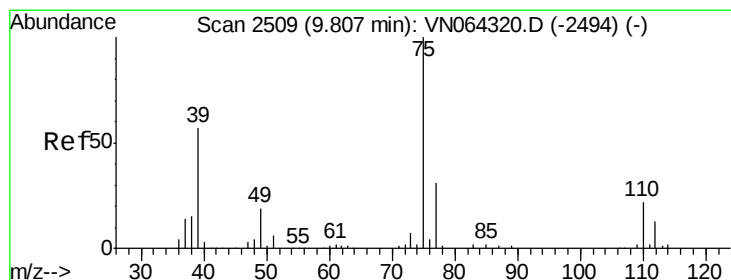
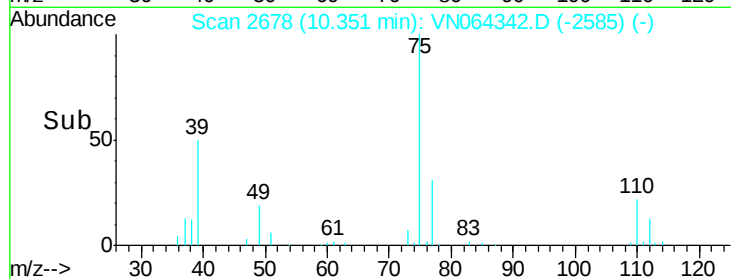
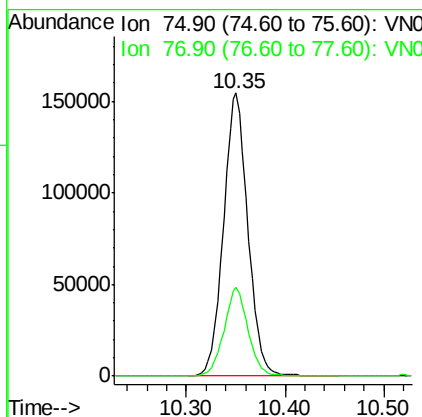
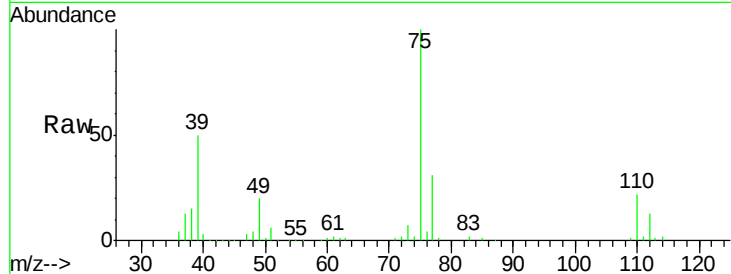
#53
t-1,3-Dichloropropene
Concen: 51.916 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 267873
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2

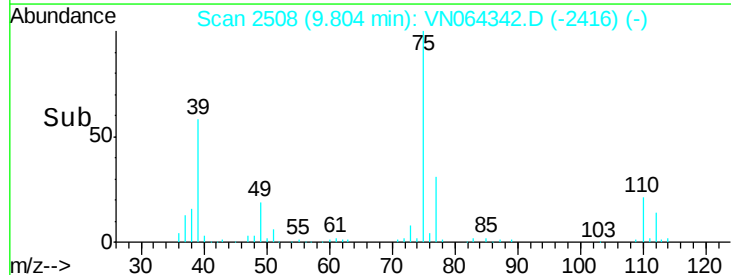
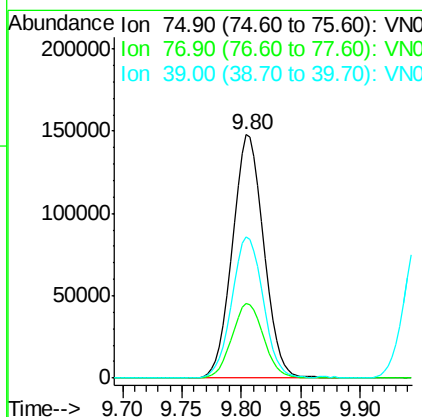
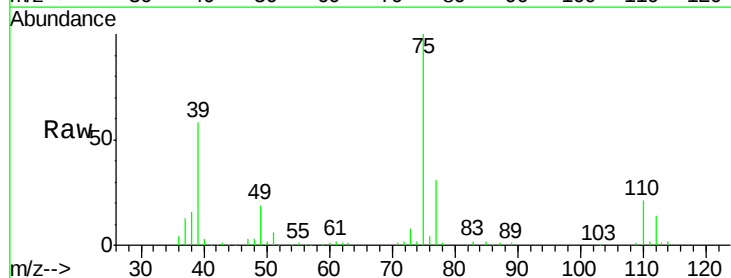
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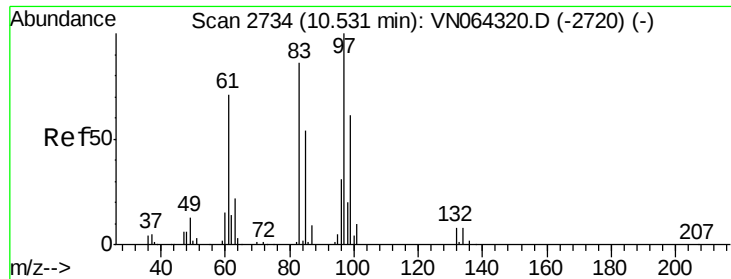
MMDadoda
10/29/2020 9:49:40 AM



#54
cis-1,3-Dichloropropene
Concen: 50.977 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion: 75 Resp: 270759
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.4
39 58.2 45.5 68.3





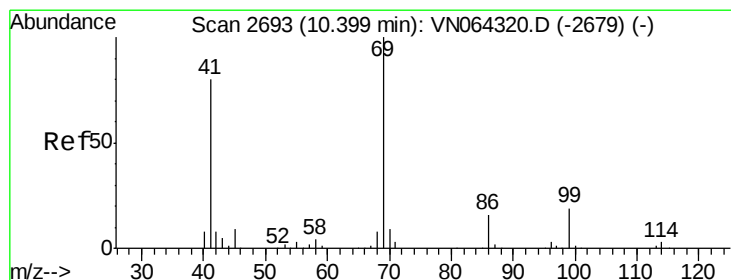
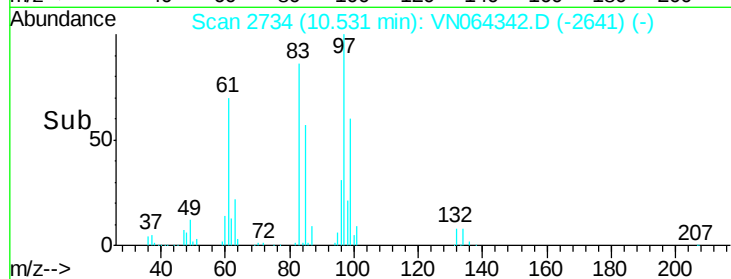
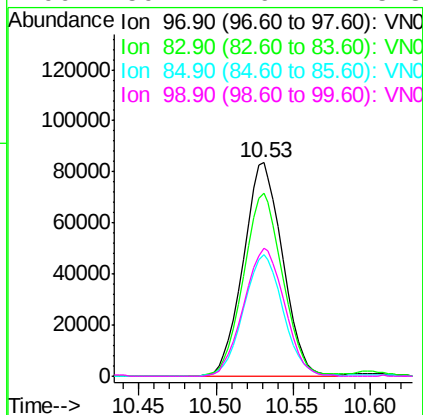
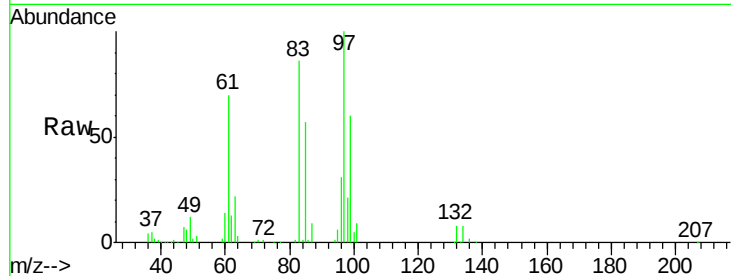
#55
 1,1,2-Trichloroethane
 Concen: 50.538 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	147963
Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.9	103.3
85	57.0	43.6	65.4
99	59.7	49.2	73.8

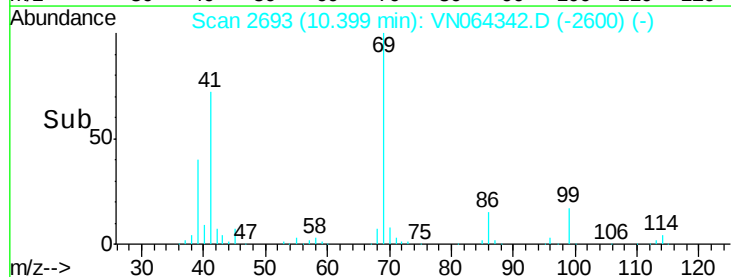
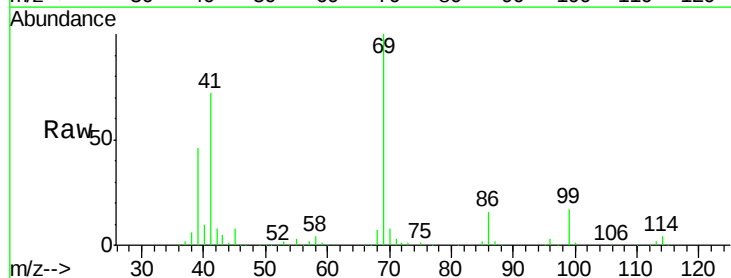
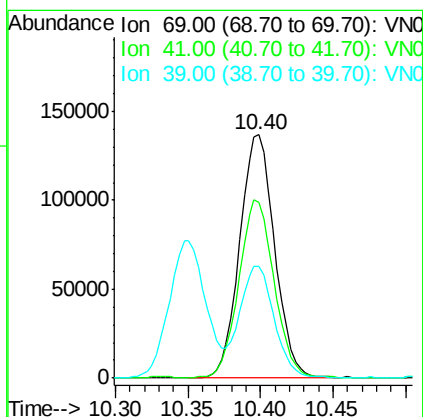
Manual Integrations
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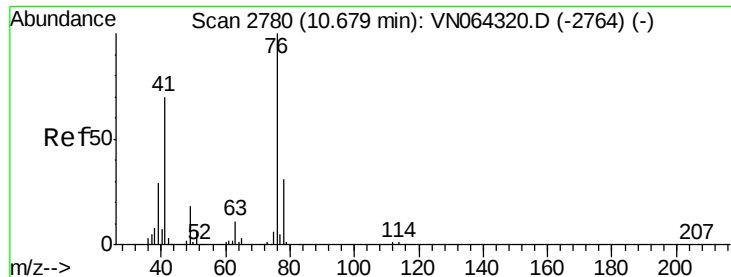
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 10/29/2020 9:49:40 AM



#56
 Ethyl methacrylate
 Concen: 51.868 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion:	69	Resp:	229876
Ion	Ratio	Lower	Upper
69	100		
41	73.2	61.4	92.2
39	44.4	36.5	54.7





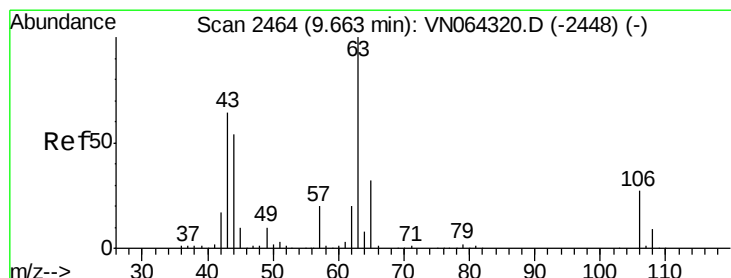
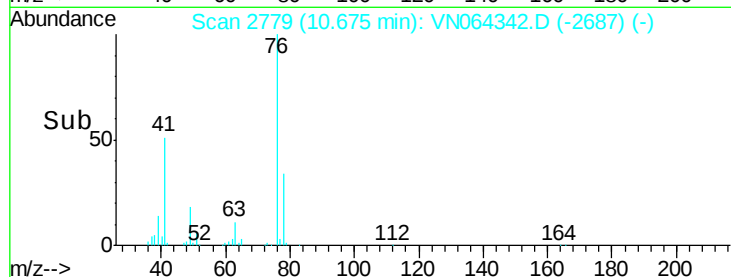
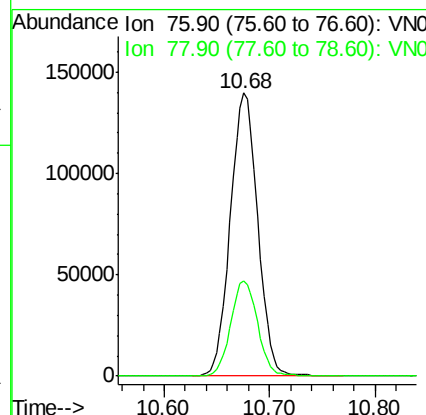
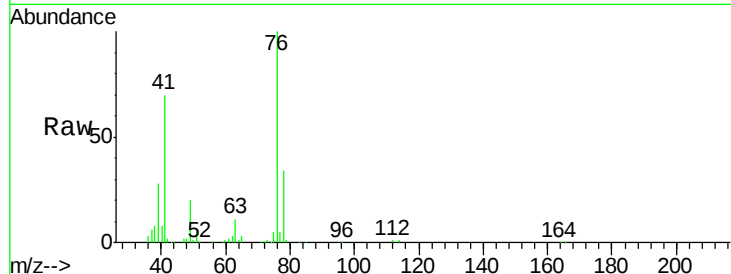
#57
 1,3-Dichloropropane
 Concen: 50.323 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 251322
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6

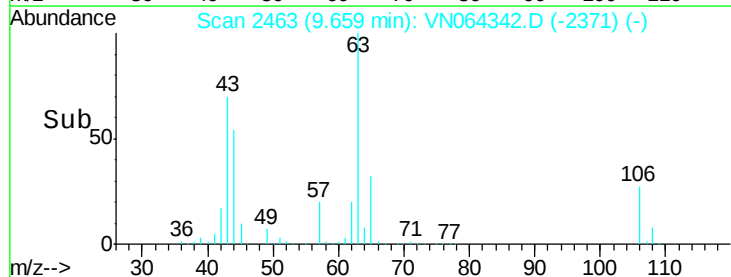
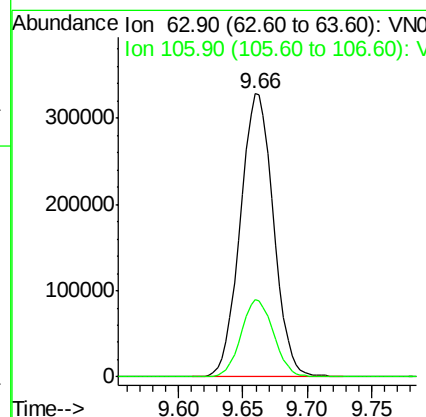
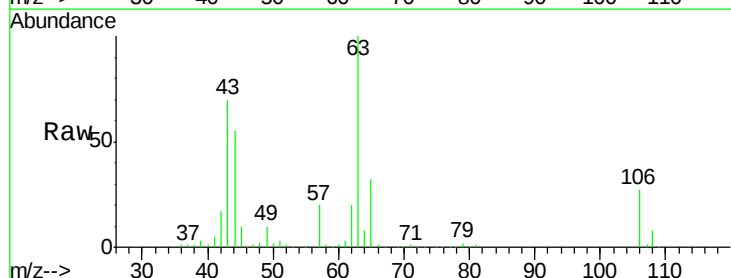
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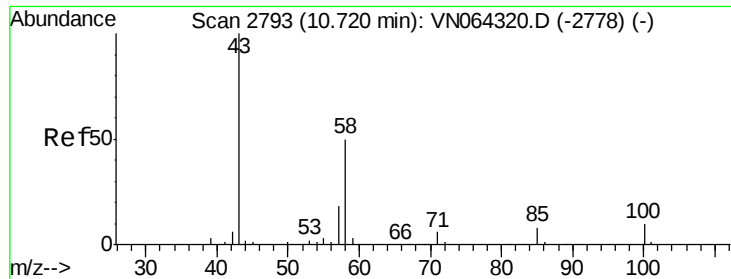
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 243.555 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion: 63 Resp: 589024
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.4





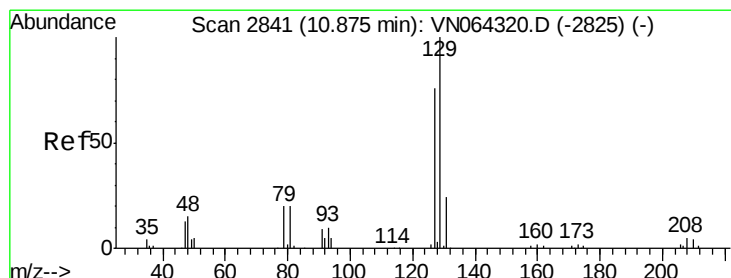
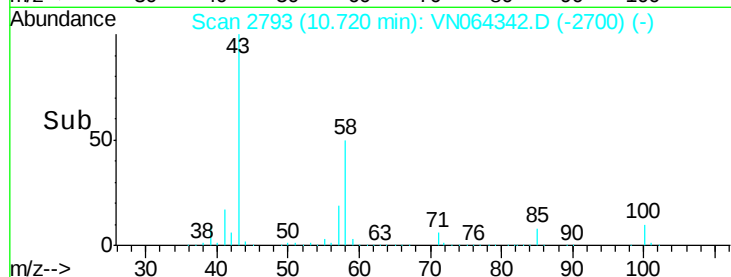
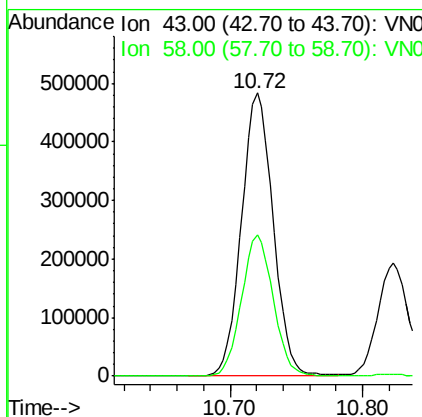
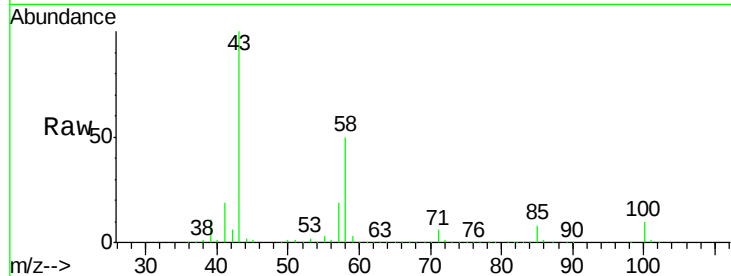
#59
2-Hexanone
Concen: 256.762 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 801479
Ion Ratio Lower Upper
43 100
58 49.9 25.0 75.0

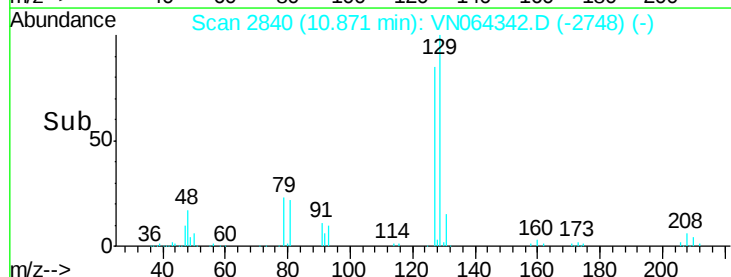
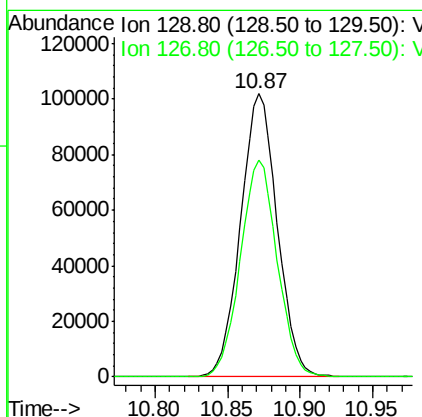
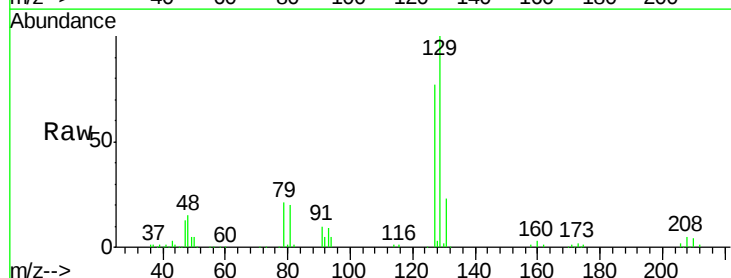
Manual Integrations
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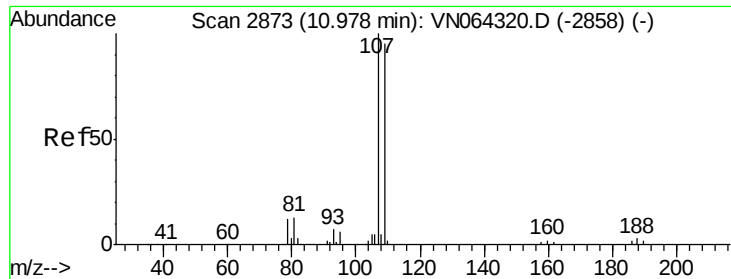
MMDadoda
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#60
Dibromochloromethane
Concen: 51.912 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion: 129 Resp: 179699
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.3





#61

1,2-Dibromoethane

Concen: 51.903 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 154833

Ion Ratio Lower Upper

107 100

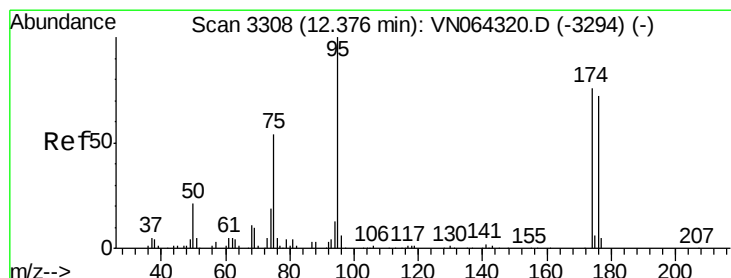
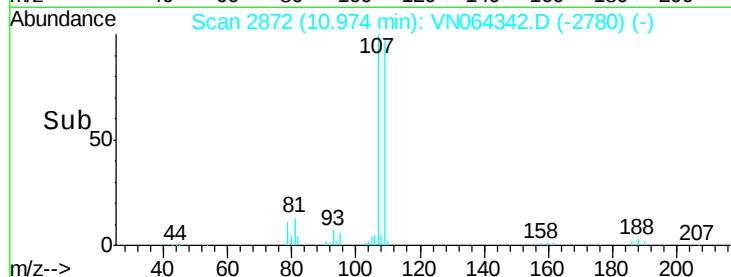
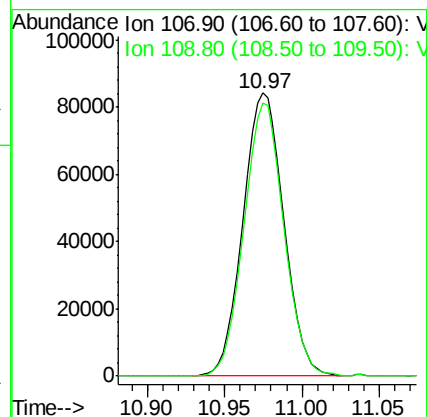
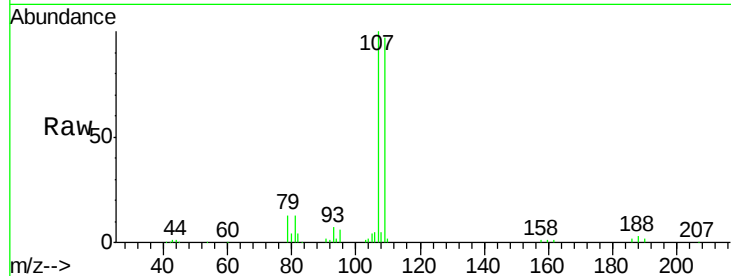
109 94.4 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 48.764 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

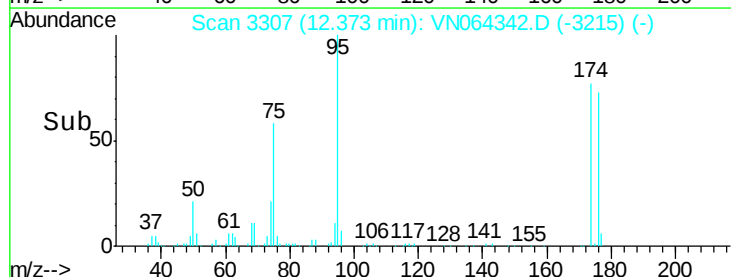
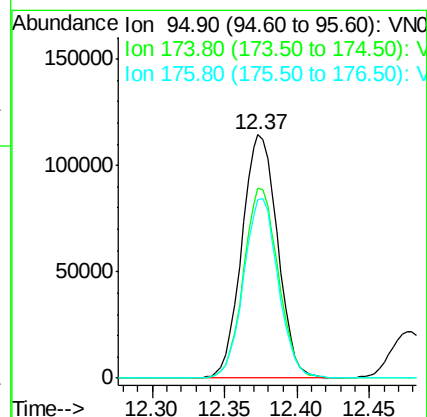
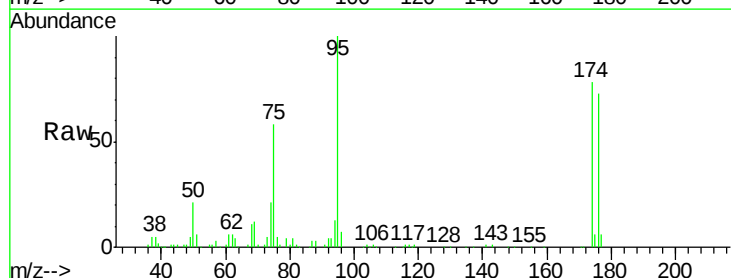
Tgt Ion: 95 Resp: 196224

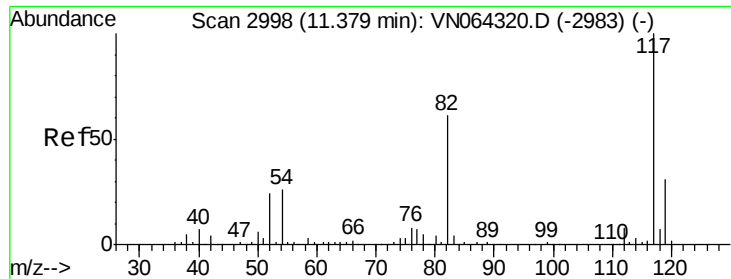
Ion Ratio Lower Upper

95 100

174 76.0 0.0 147.4

176 71.5 0.0 143.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

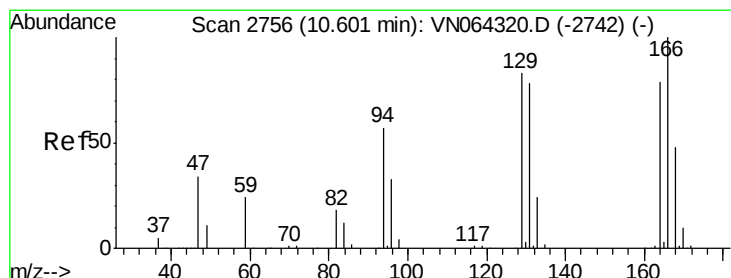
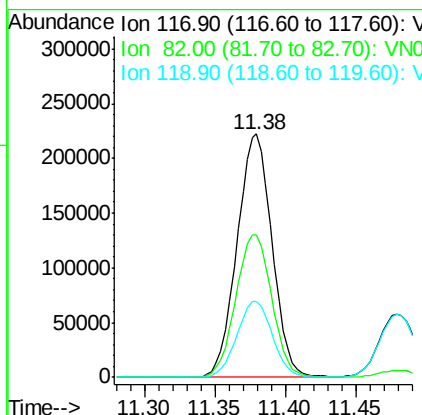
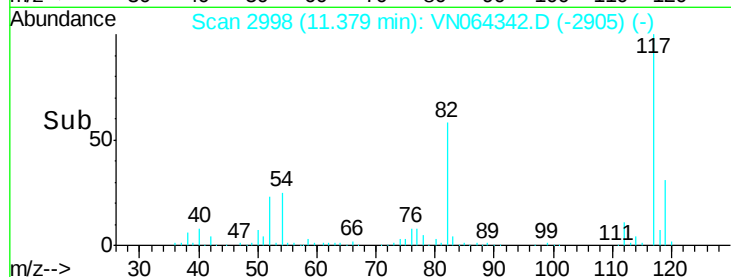
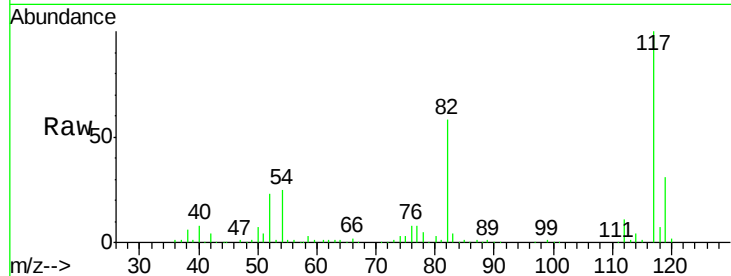
ClientSampleId :

VSTDCCC050

Tot Ion:	117	Resp:	386545
Ion Ratio	Lower	Upper	
117	100		
82	58.5	48.8	73.2
119	31.4	25.1	37.7

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#64

Tetrachloroethene

Concen: 47.209 ug/l

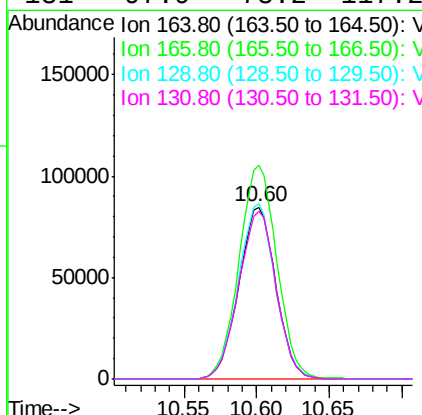
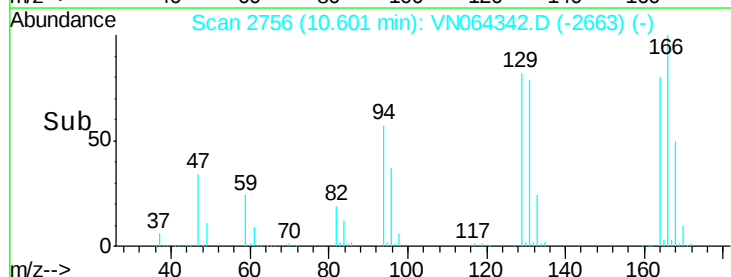
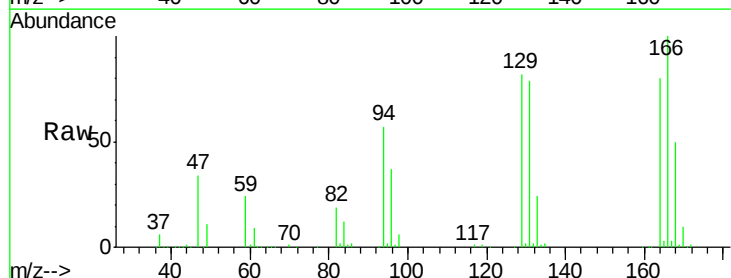
RT: 10.60 min Scan# 2756

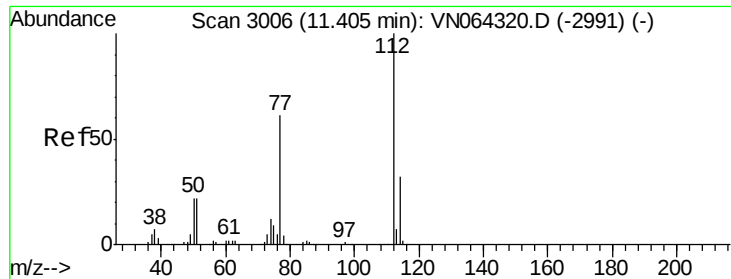
Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:	164	Resp:	149982
Ion Ratio	Lower	Upper	
164	100		
166	124.3	100.7	151.1
129	102.3	83.7	125.5
131	97.9	78.2	117.2





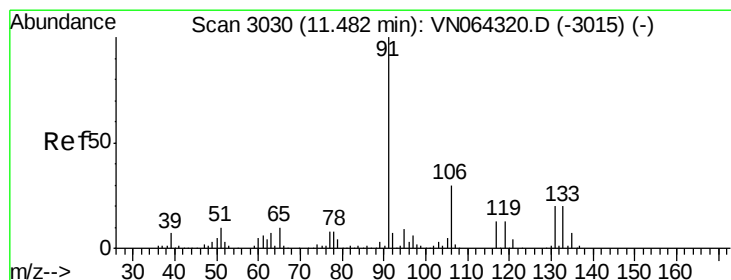
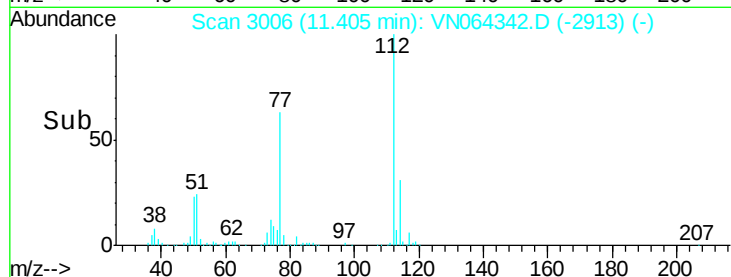
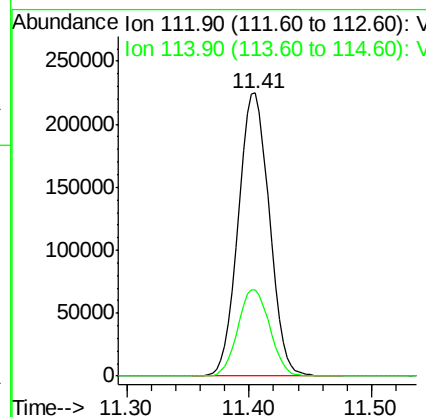
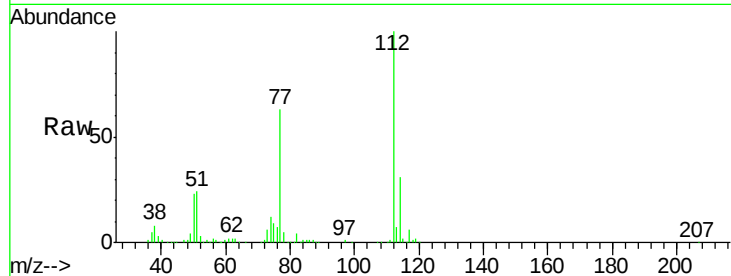
#65
Chlorobenzene
Concen: 50.656 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.6	25.4	38.0

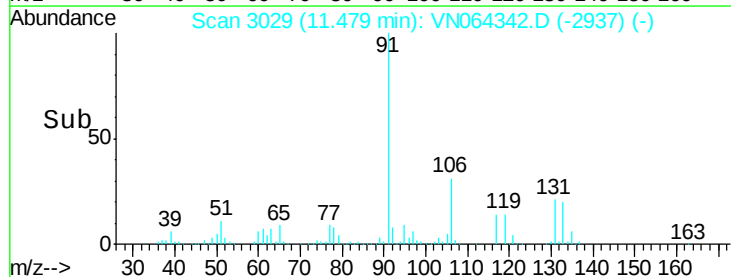
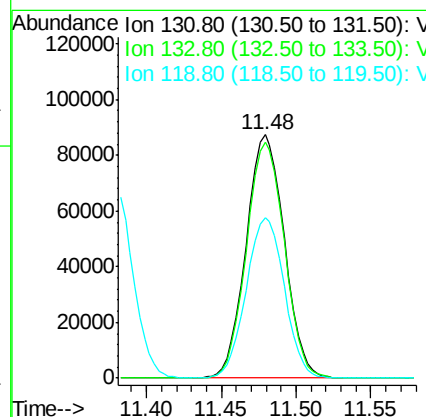
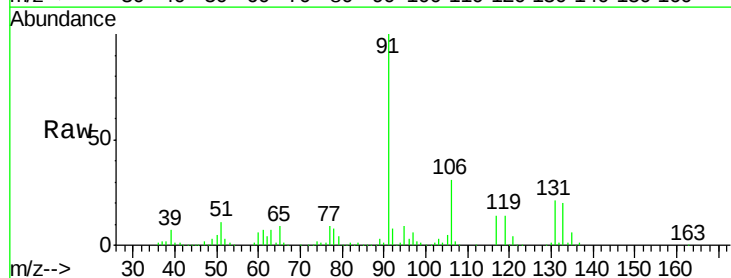
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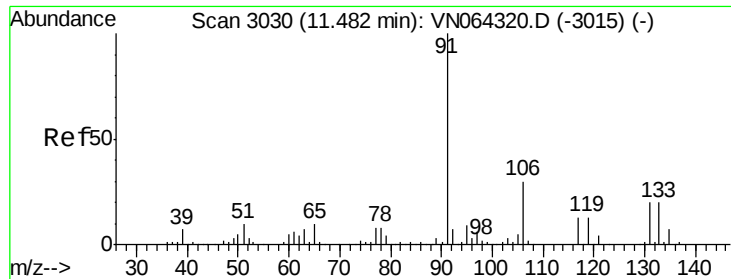
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.195 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	49.3	147.8
119	65.8	32.3	96.9





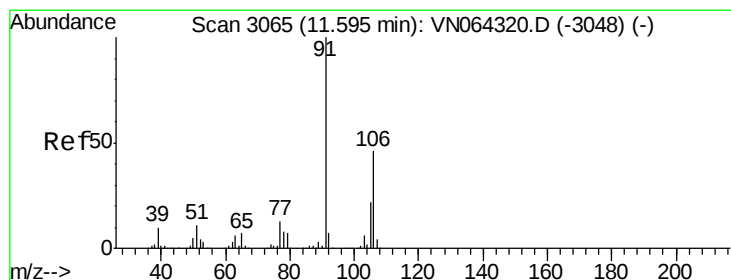
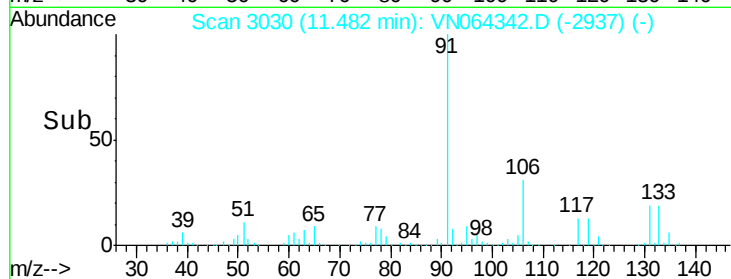
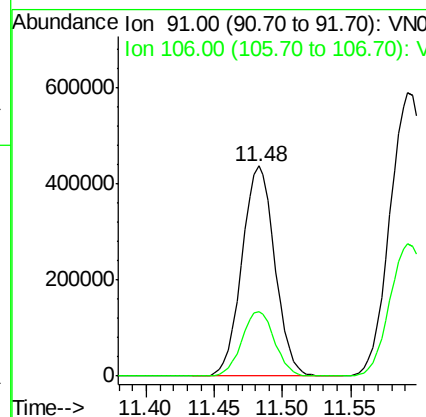
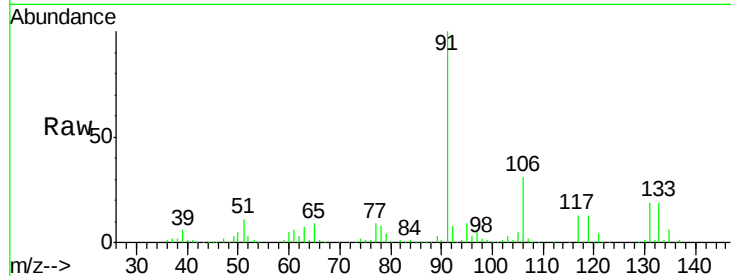
#67
Ethyl Benzene
Concen: 50.115 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 730142
Ion Ratio Lower Upper
91 100
106 31.0 23.7 35.5

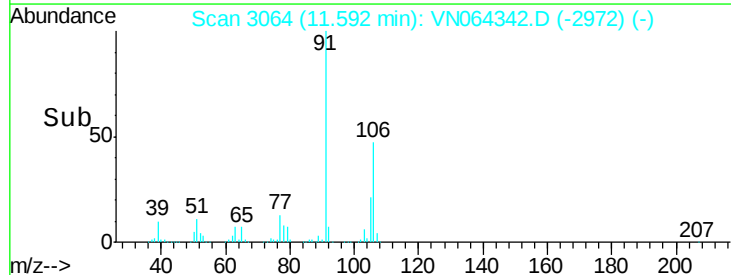
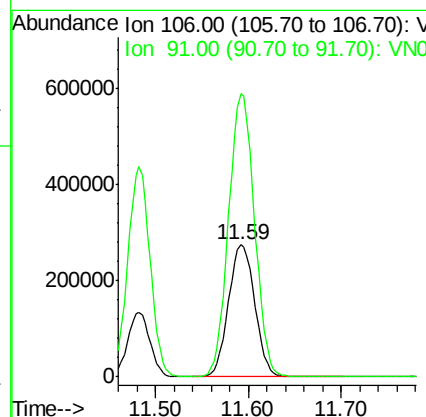
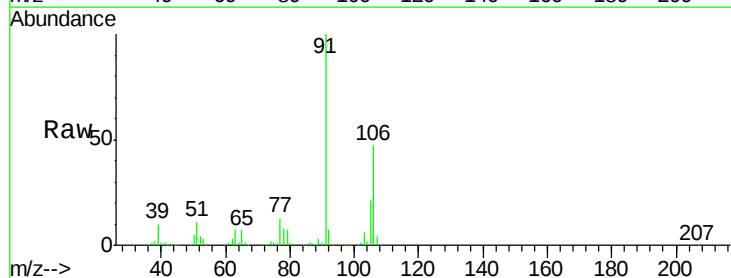
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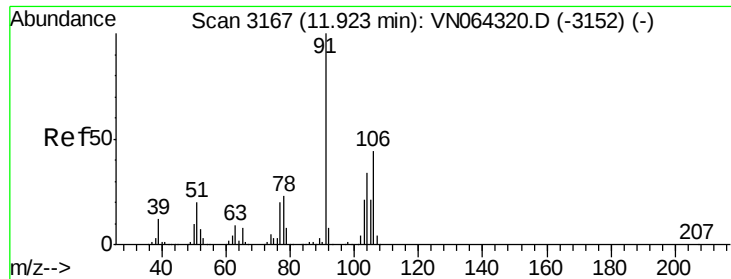
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#68
m/p-Xylenes
Concen: 99.955 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion: 106 Resp: 539682
Ion Ratio Lower Upper
106 100
91 210.9 170.2 255.4





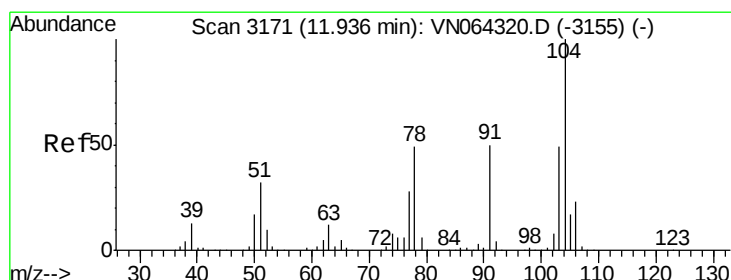
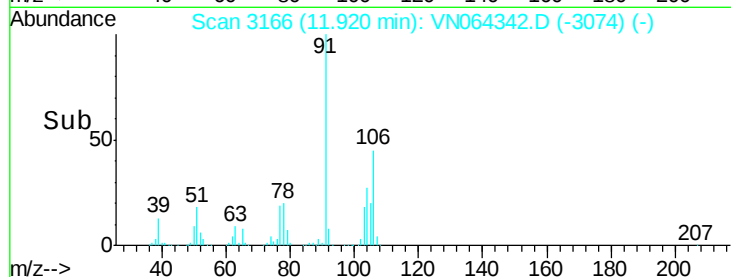
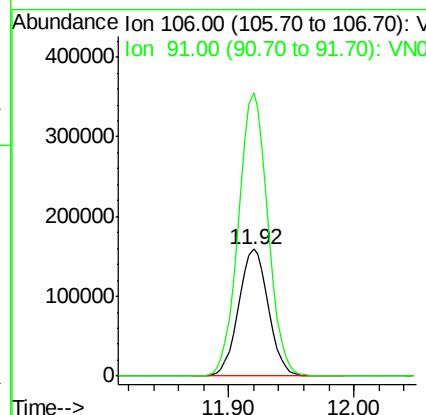
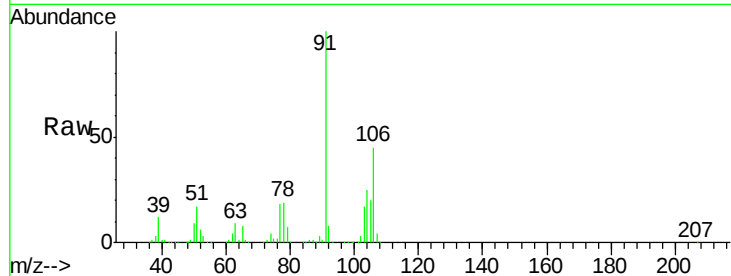
#69
o-Xylene
Concen: 50.438 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.8	114.5	343.5

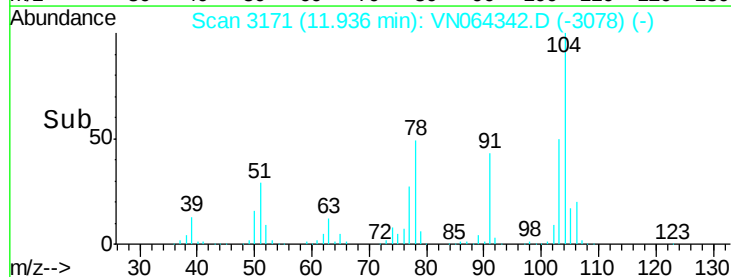
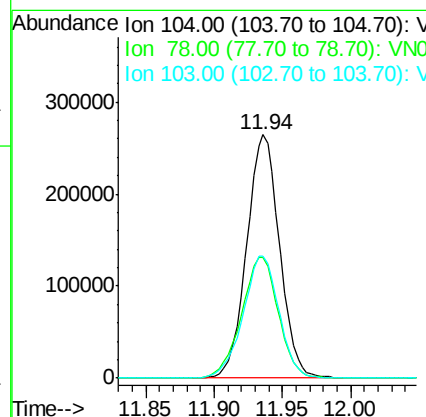
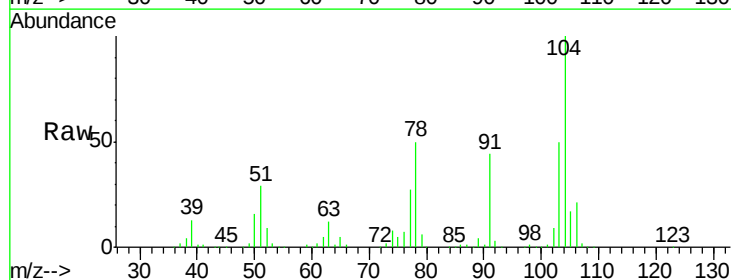
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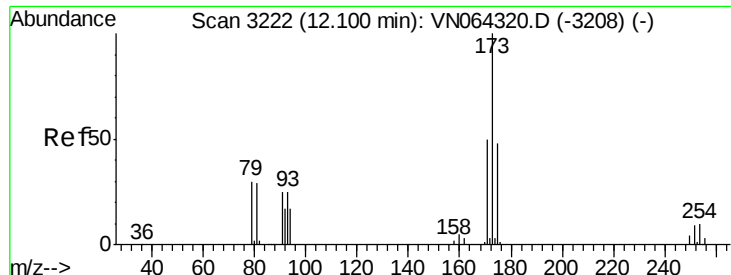
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#70
Styrene
Concen: 51.759 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.7	43.7	65.5
103	54.8	43.3	64.9





#71

Bromoform

Concen: 50.034 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 124382

Ion Ratio Lower Upper

173 100

175 49.7 25.4 76.0

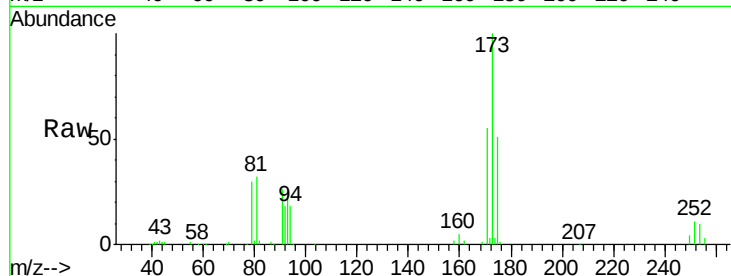
254 0.0 0.0 0.0

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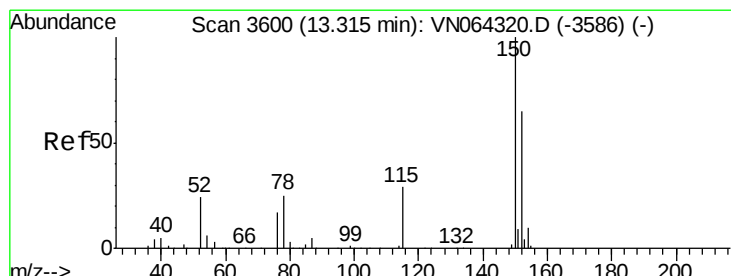
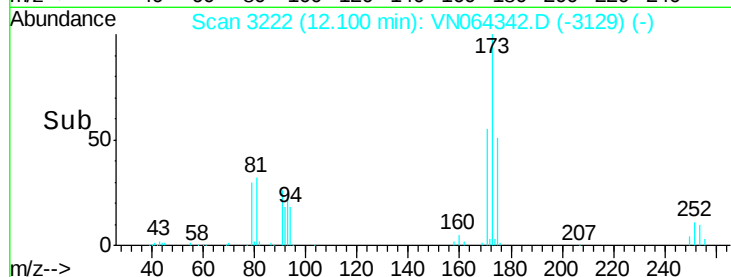
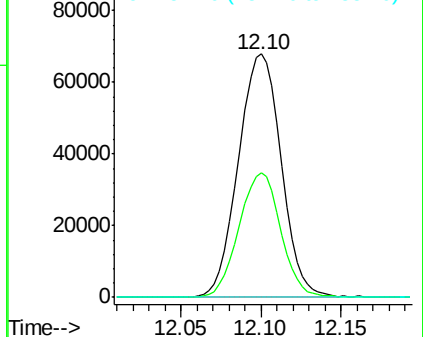
10/29/2020 9:49:40 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

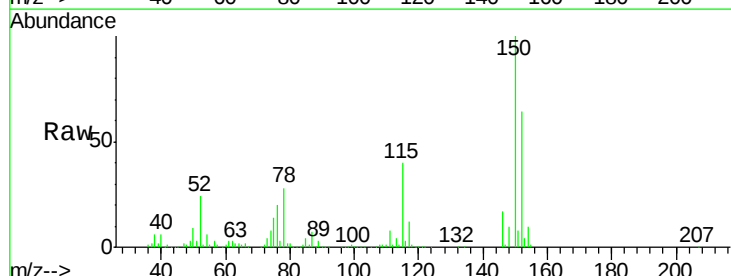
Tgt Ion:152 Resp: 190617

Ion Ratio Lower Upper

152 100

115 61.5 31.5 94.5

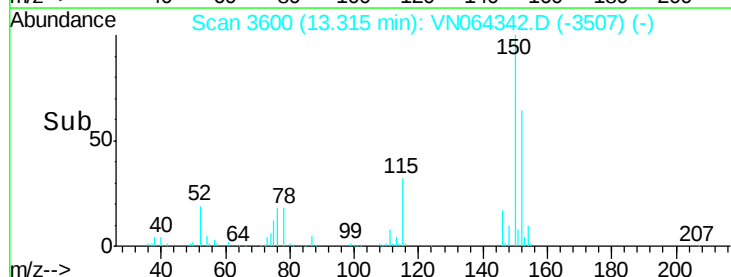
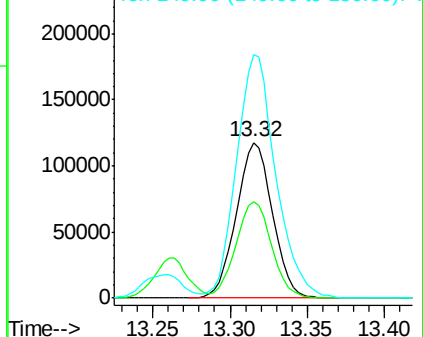
150 170.6 0.0 346.2

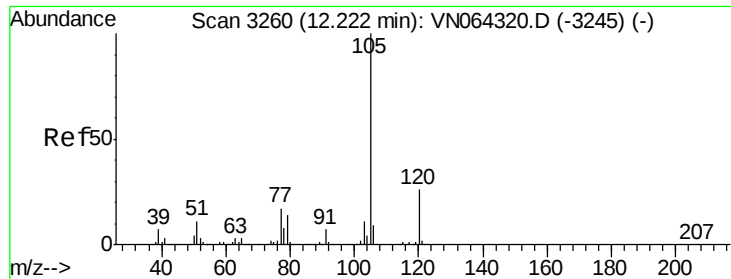


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.588 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 693674

Ion Ratio Lower Upper

105 100

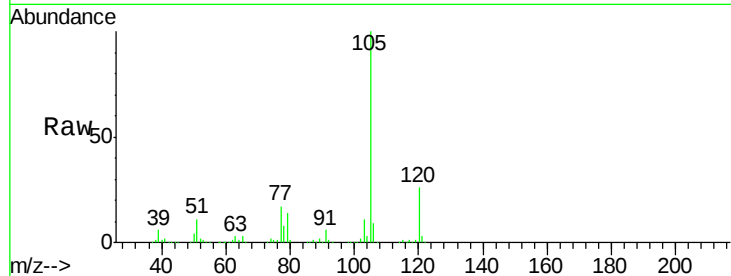
120 25.8 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

400000

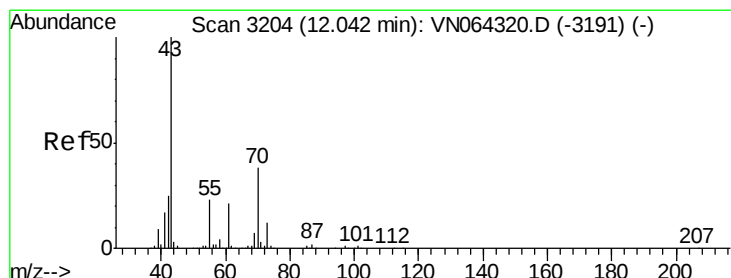
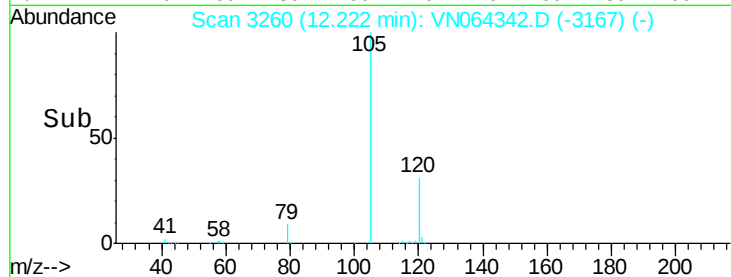
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 50.676 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion: 43 Resp: 318446

Ion Ratio Lower Upper

43 100

70 38.4 30.6 45.8

55 22.5 18.2 27.4

61 21.4 17.6 26.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

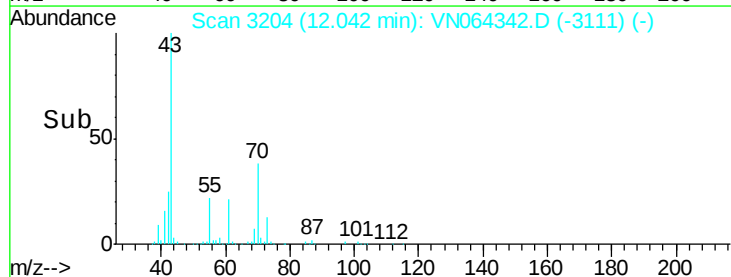
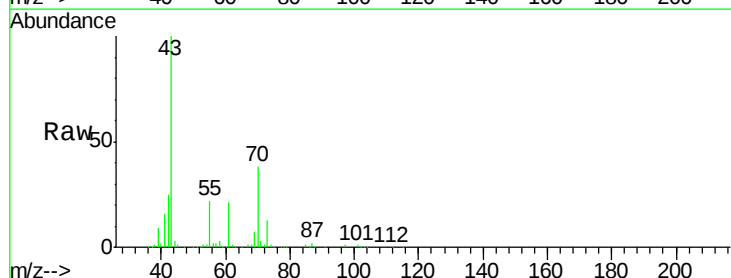
150000

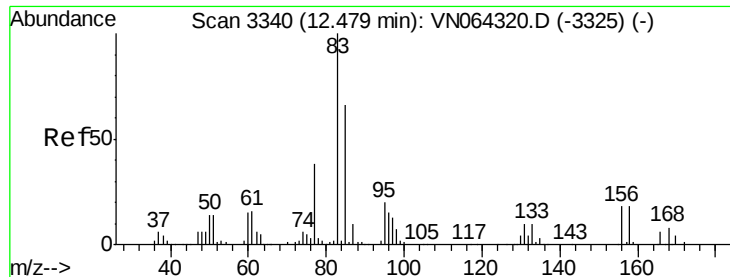
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.434 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

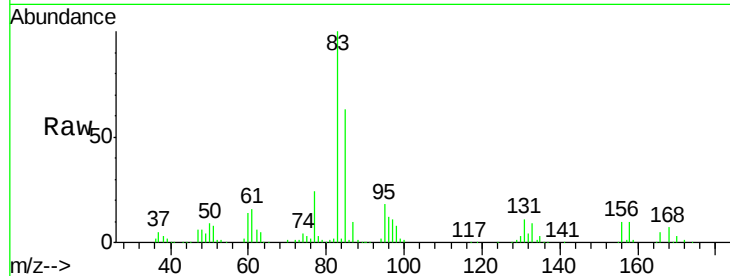
ClientSampleId :

VSTDCCC050

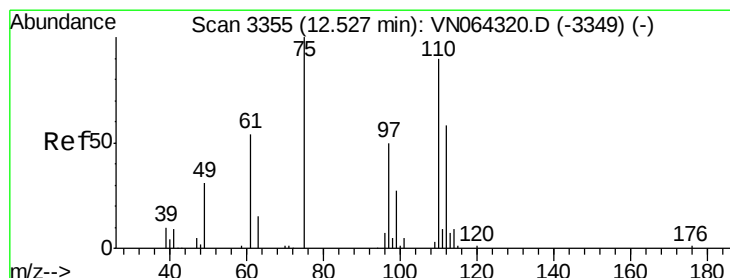
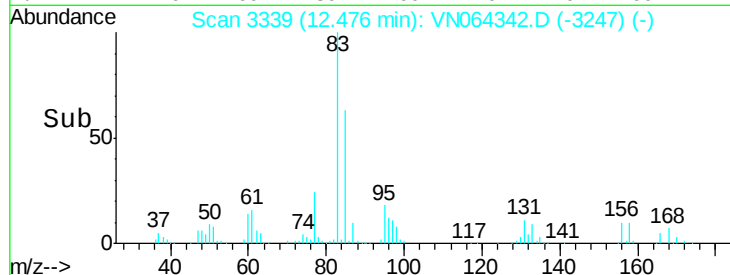
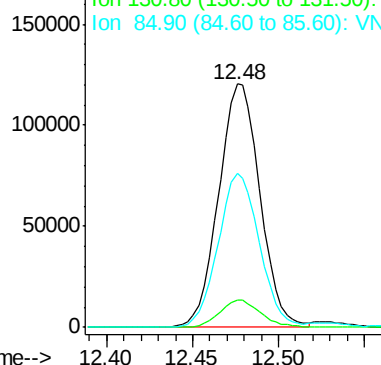
Tot Ion:	83	Resp:	200993
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.4	16.2
85	62.9	33.0	98.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN064342.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 45.591 ug/l m

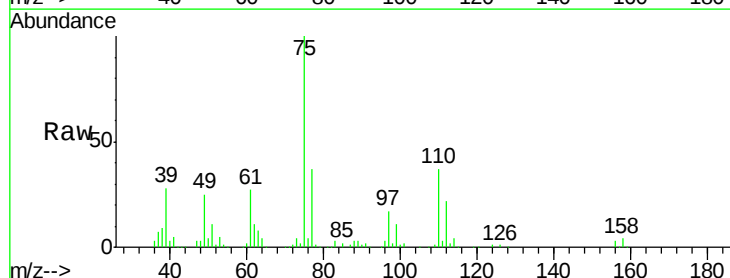
RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

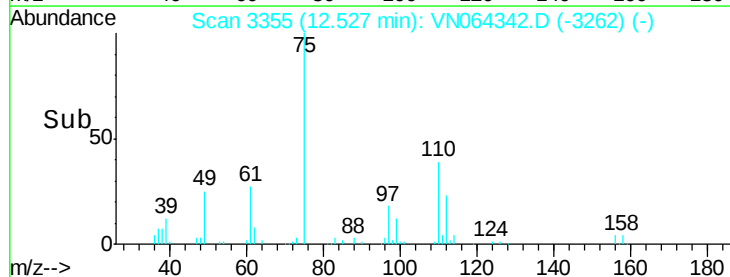
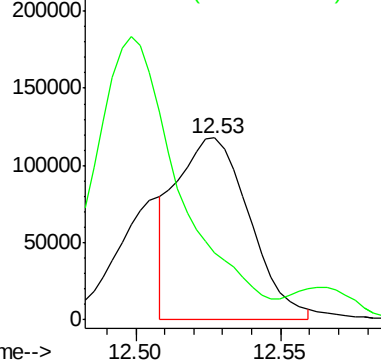
Lab File: VN064342.D

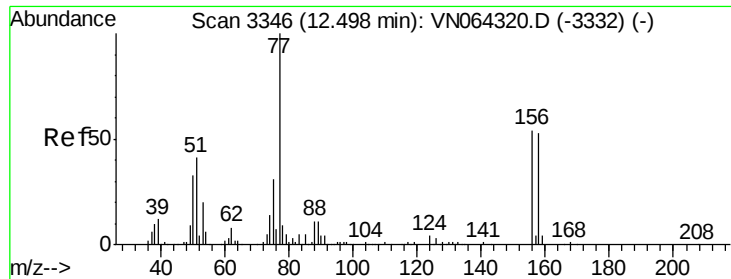
Acq: 28 Oct 2020 10:24

Tgt Ion:	75	Resp:	208114
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064342.D (-3262) (-)





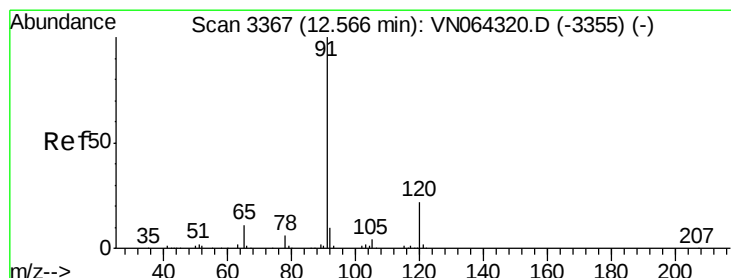
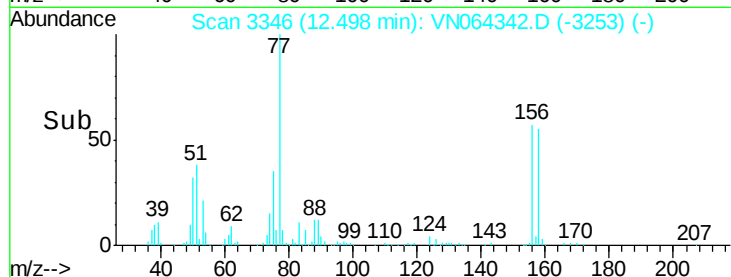
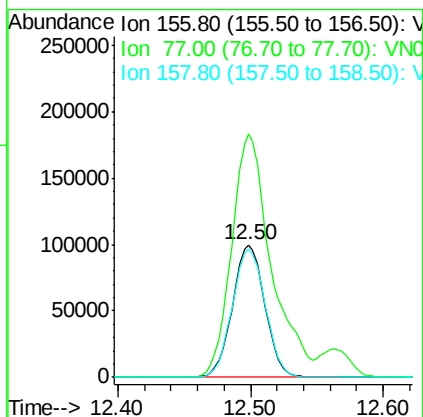
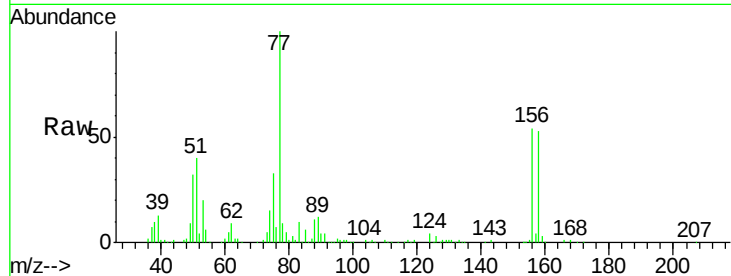
#77
Bromobenzene
Concen: 48.265 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	224.3	111.9	335.7
158	99.1	49.0	147.0

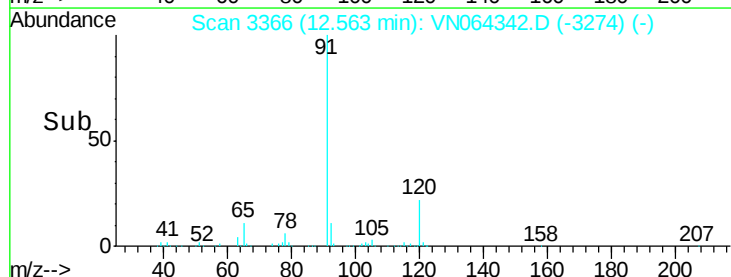
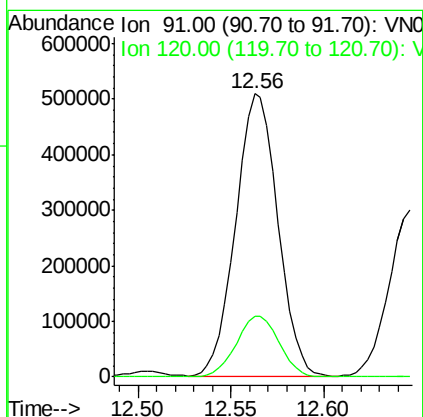
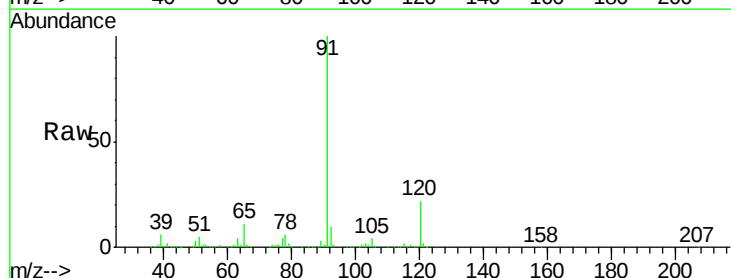
Manual Integrations
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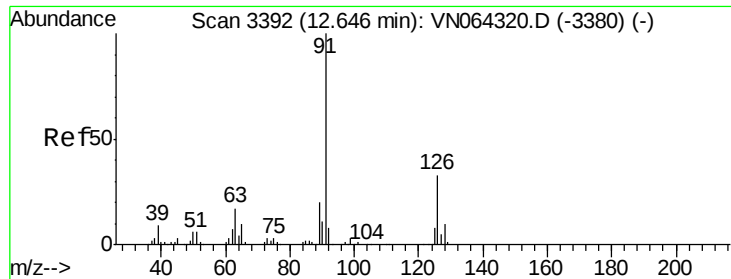
MMDadoda
10/29/2020 9:49:40 AM



#78
n-propylbenzene
Concen: 50.086 ug/l
RT: 12.56 min Scan# 3366
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.2	33.5





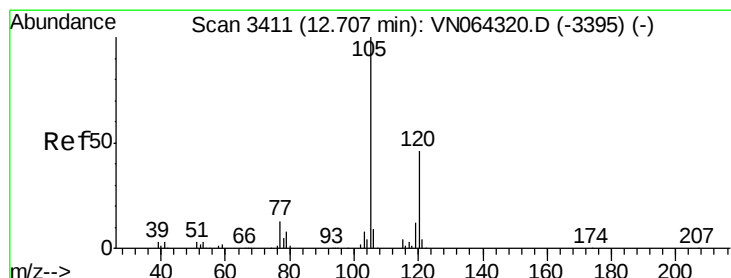
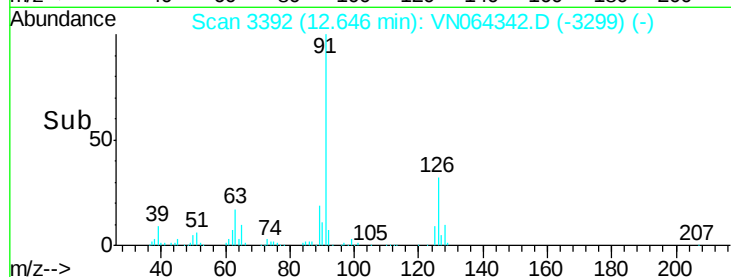
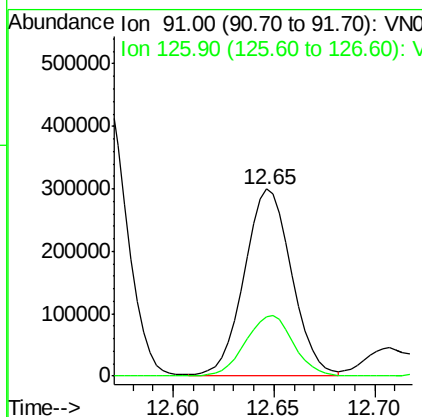
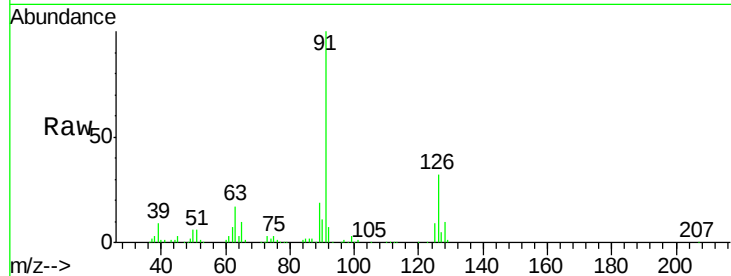
#79
 2-Chlorotoluene
 Concen: 47.802 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 493907
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.2 48.5

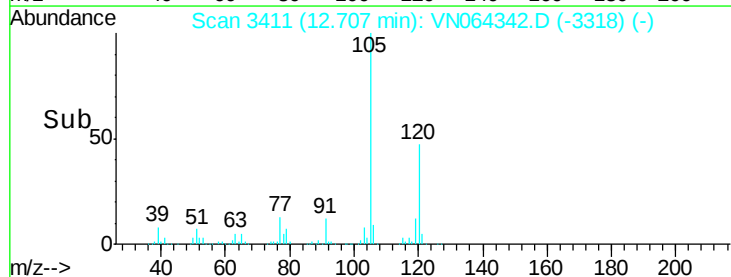
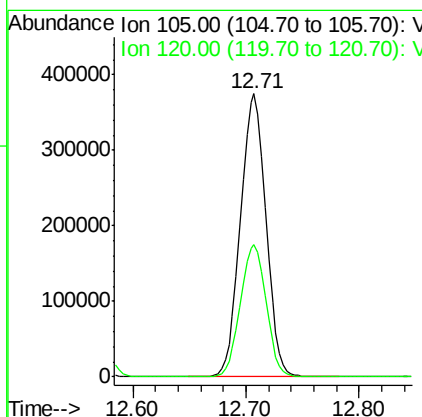
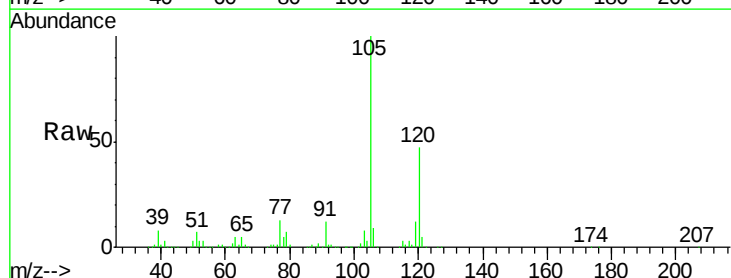
Manual Integrations
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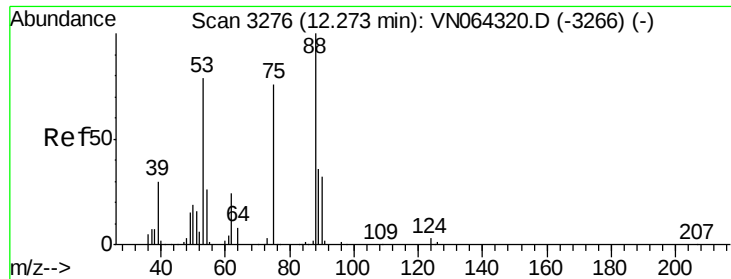
MMDadoda
 10/29/2020 9:49:40 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.977 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion: 105 Resp: 591651
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.321 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

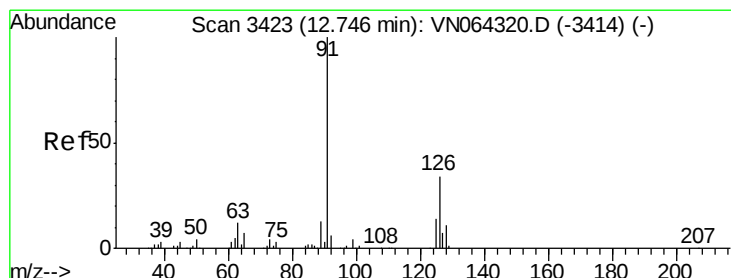
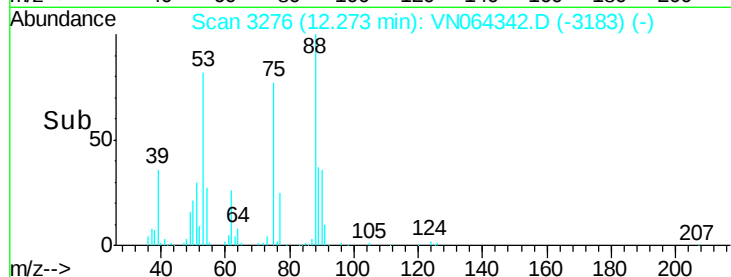
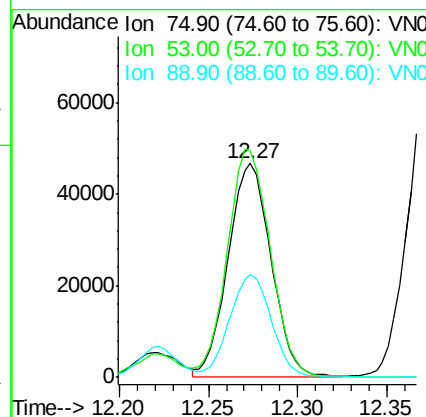
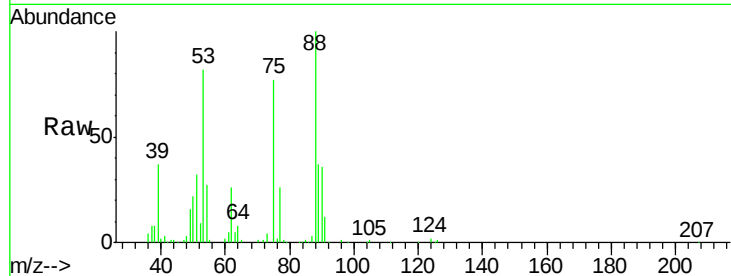
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	78159
Ion Ratio	Lower	Upper	
75	100		
53	105.5	81.8	122.8
89	46.9	39.9	59.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.687 ug/l

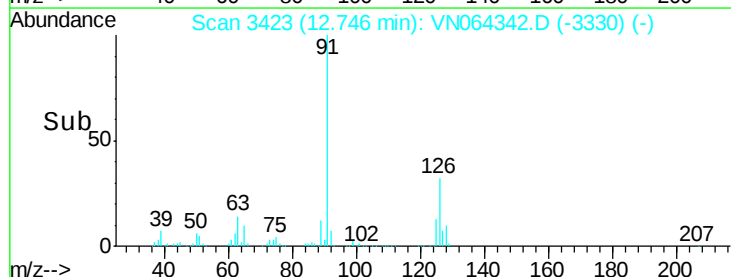
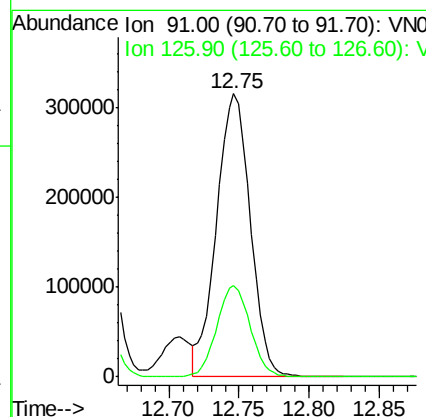
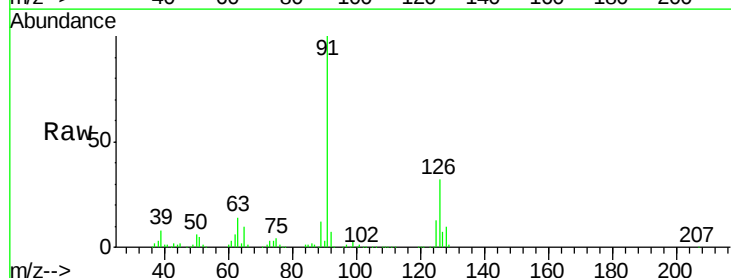
RT: 12.75 min Scan# 3423

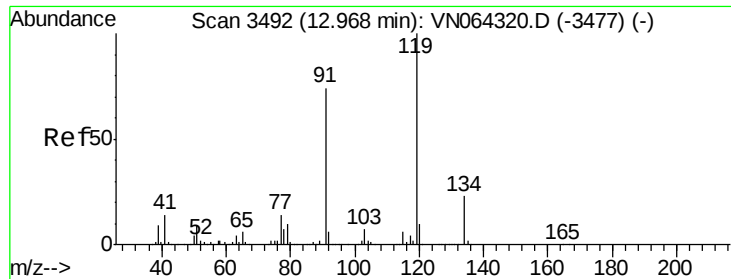
Delta R.T. -0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:	91	Resp:	522996
Ion Ratio	Lower	Upper	
91	100		
126	31.9	15.8	47.3





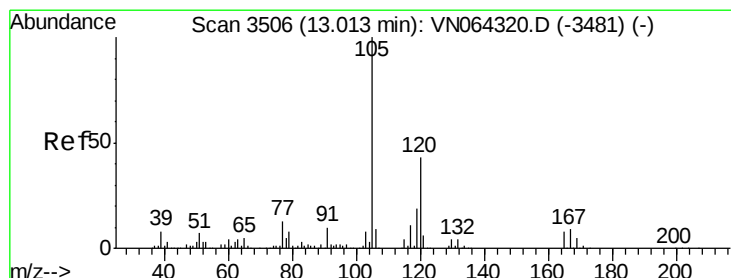
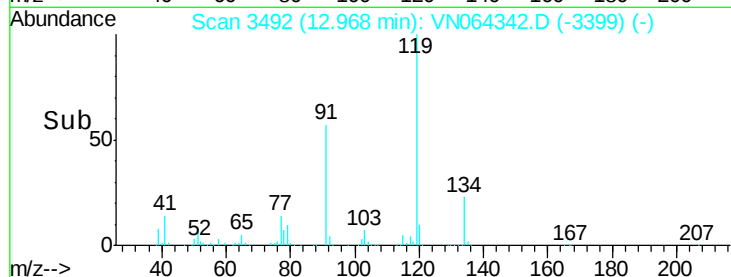
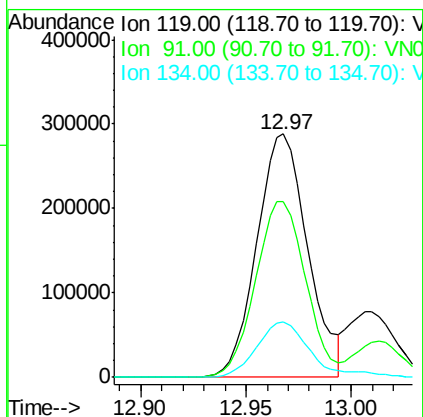
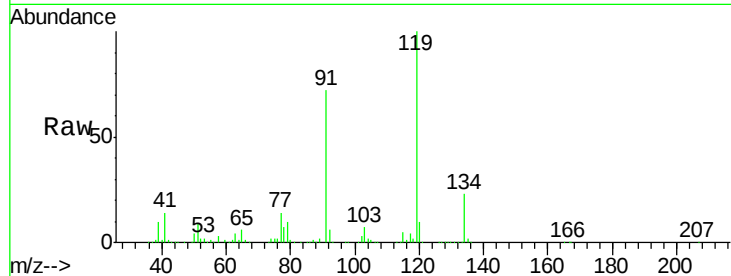
#83
tert-Butylbenzene
Concen: 48.818 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	483920		
91	71.1	36.4	109.1	
134	24.4	12.0	36.1	

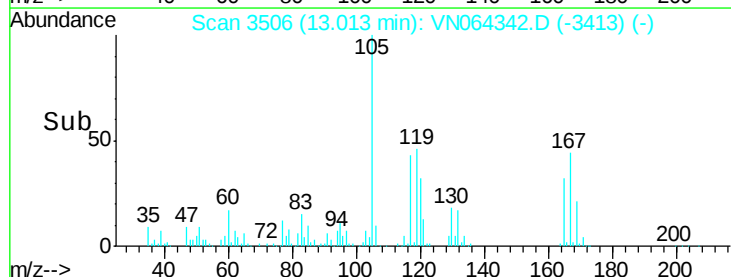
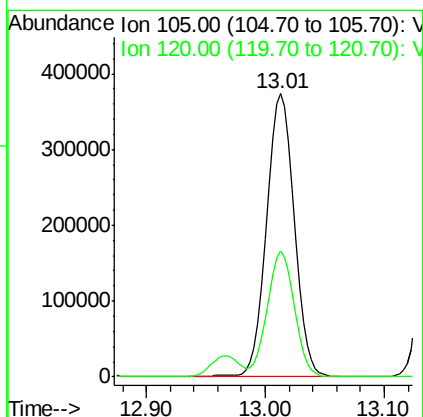
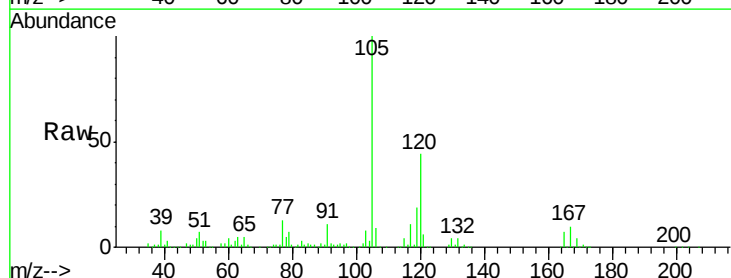
Manual Integrations
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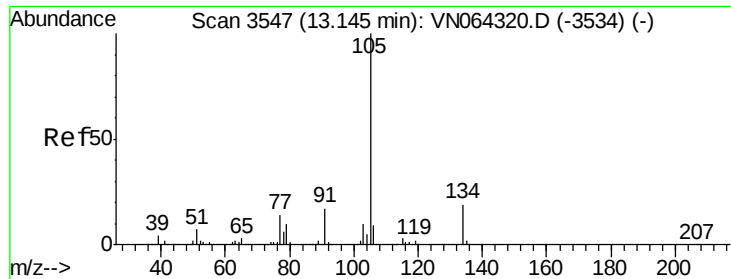
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.086 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	604567		
120	43.5	21.3	64.0	





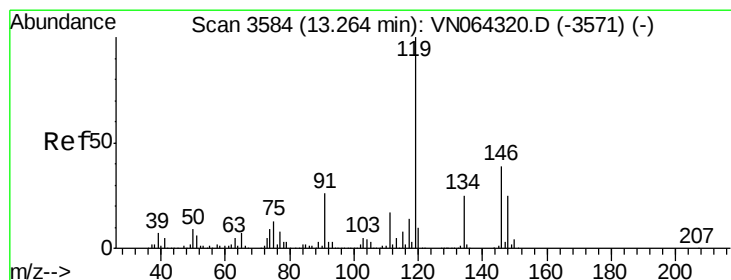
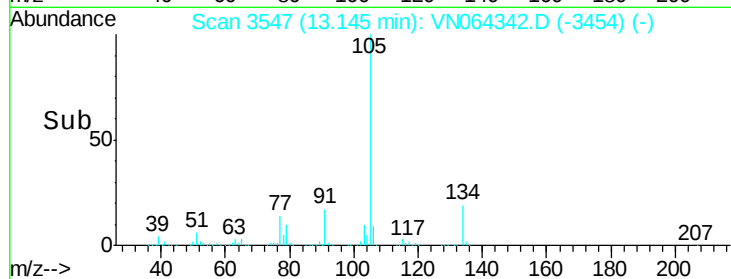
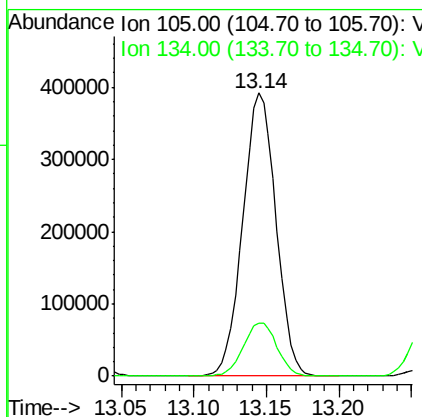
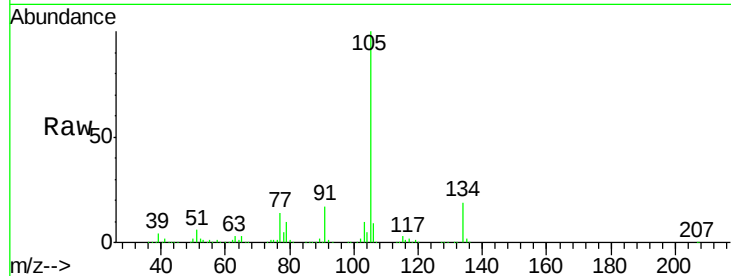
#85
 sec-Butylbenzene
 Concen: 48.544 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.6	28.8

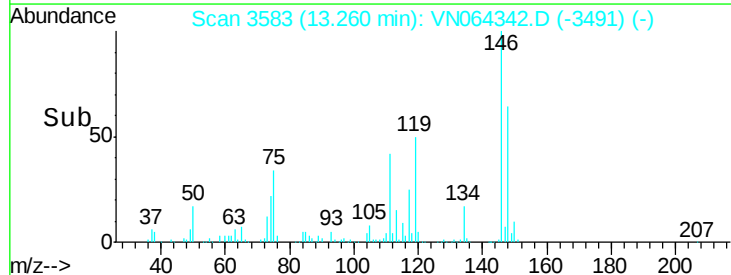
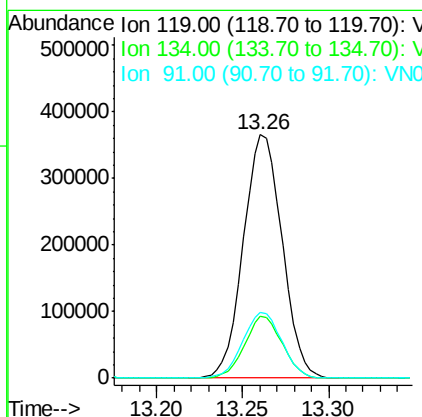
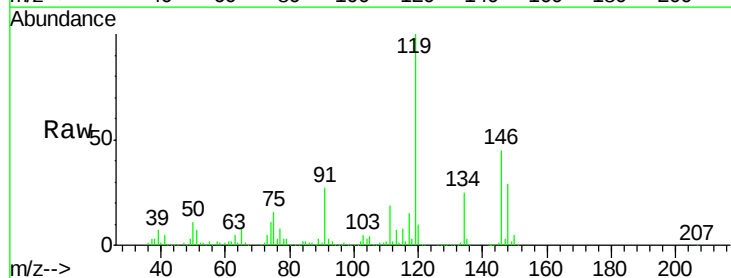
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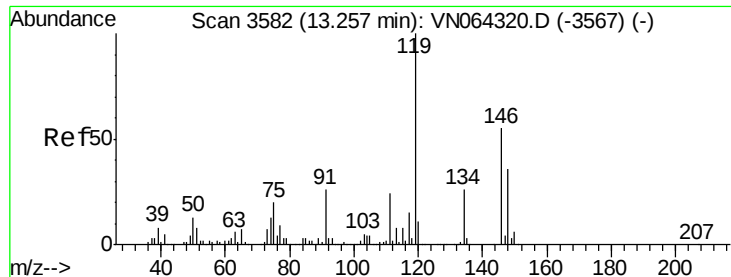
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#86
 p-Isopropyltoluene
 Concen: 49.420 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.8	38.4
91	26.9	13.0	38.9





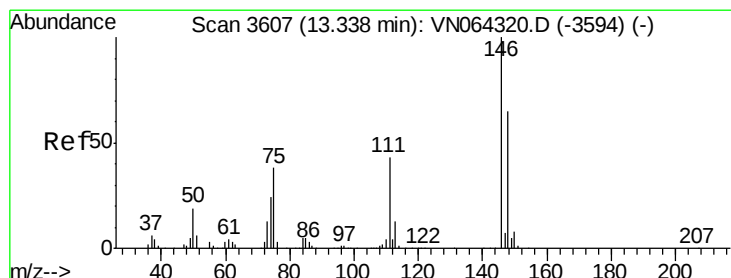
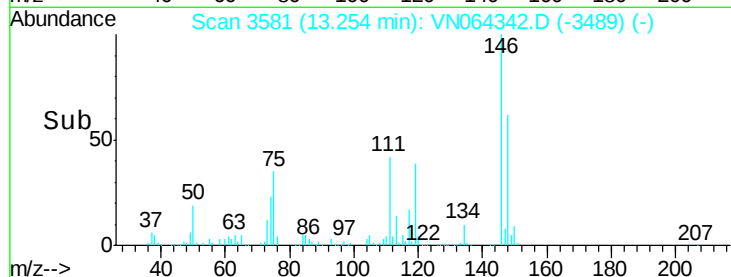
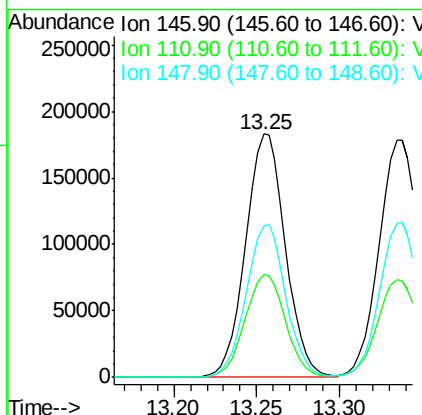
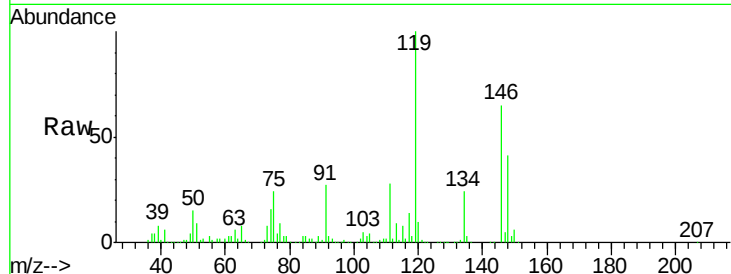
#87
 1,3-Dichlorobenzene
 Concen: 49.850 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.9	65.5
148	62.3	32.6	98.0

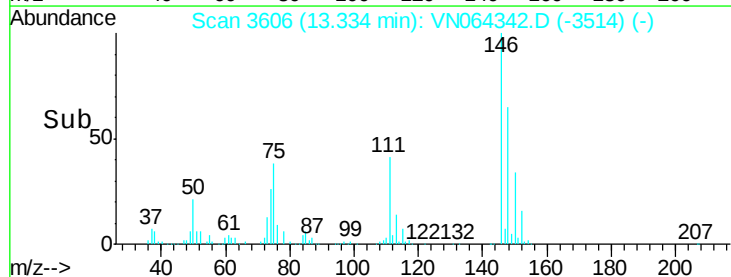
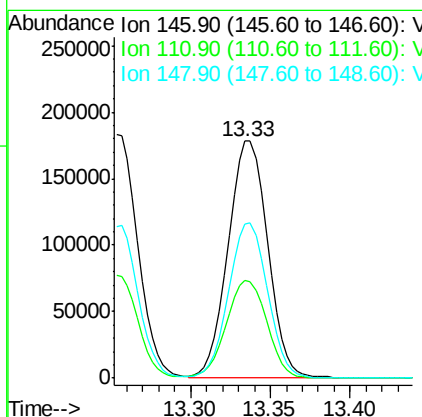
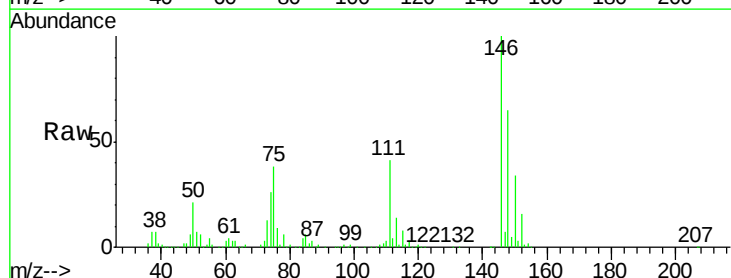
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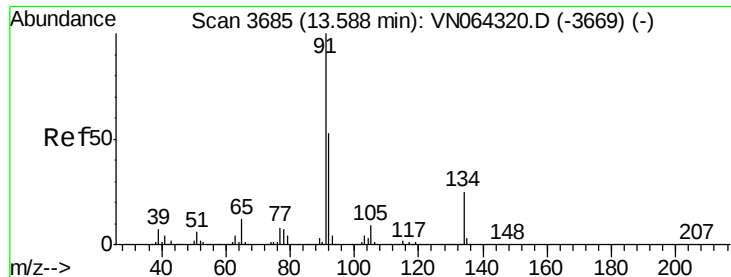
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.065 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.8	65.4
148	64.5	31.8	95.3





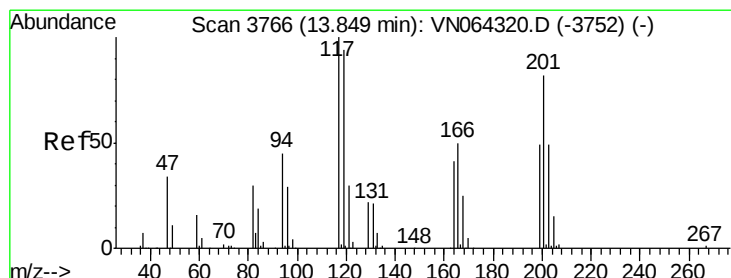
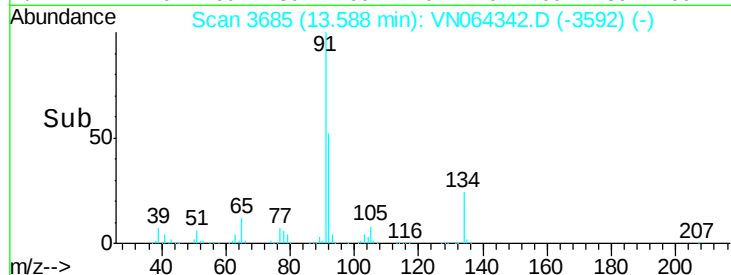
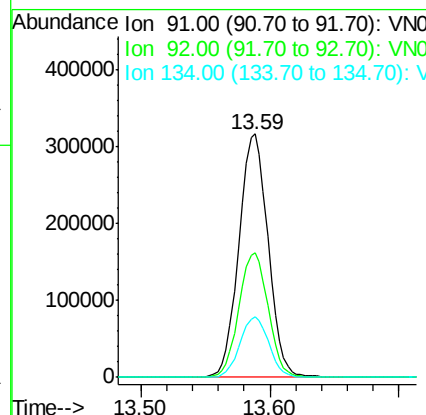
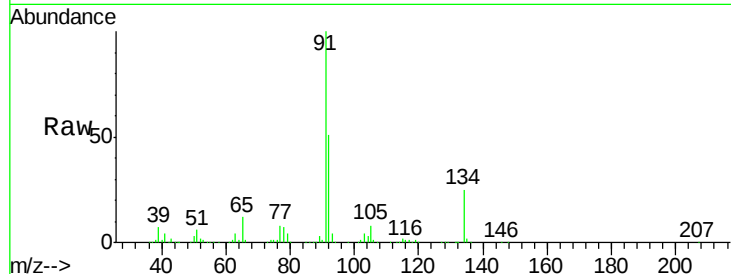
#89
n-Butylbenzene
Concen: 48.984 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.2	78.5
134	24.4	12.4	37.4

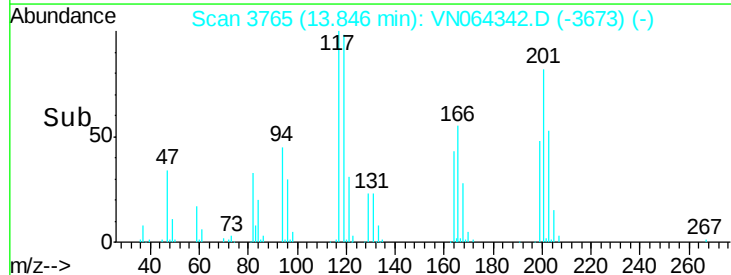
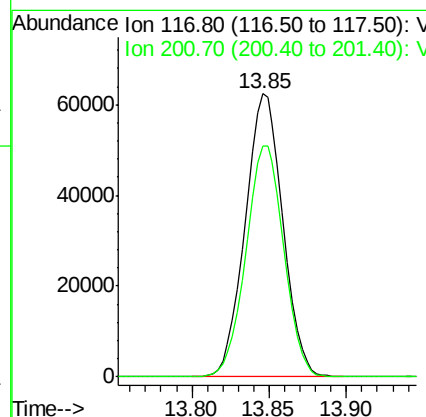
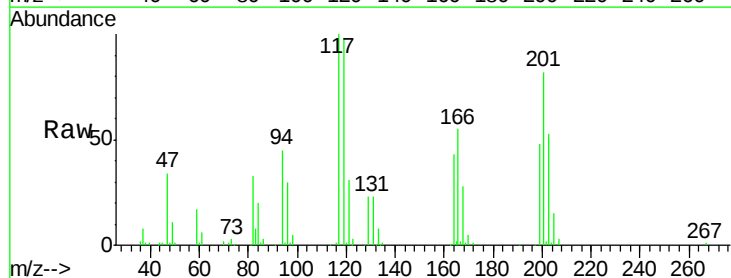
Manual Integrations
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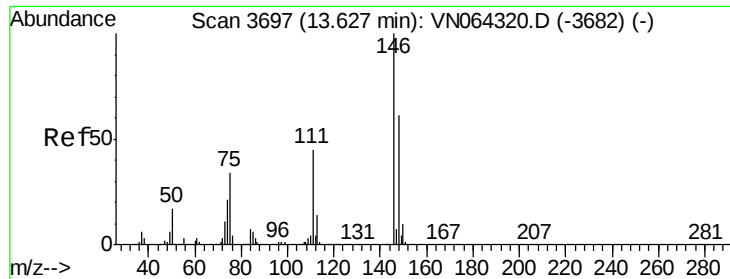
MMDadoda
10/29/2020 9:49:40 AM



#90
Hexachloroethane
Concen: 48.716 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064342.D
Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.0	39.8	119.3





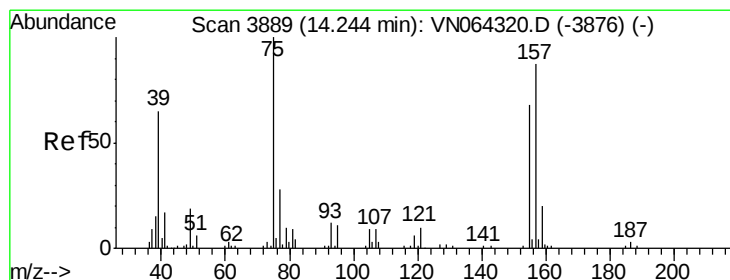
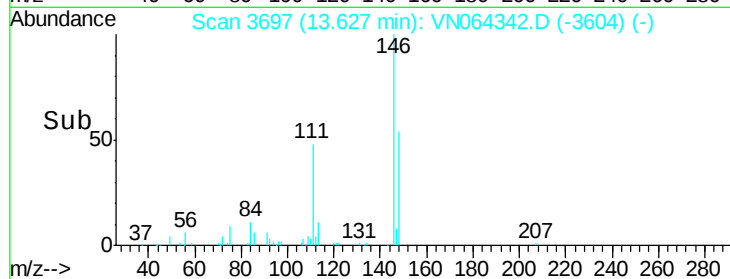
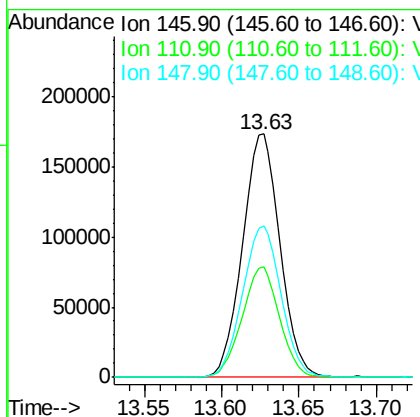
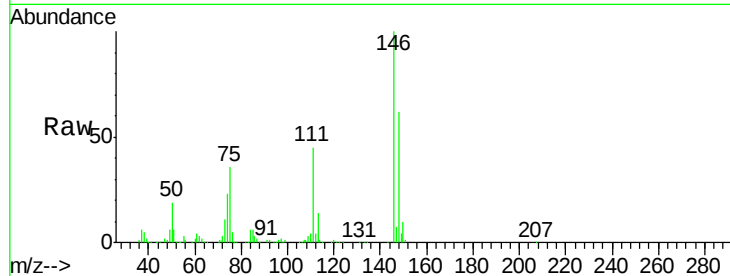
#91
 1,2-Dichlorobenzene
 Concen: 48.142 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	292922		
111	45.3	23.0	69.0	
148	64.0	32.1	96.3	

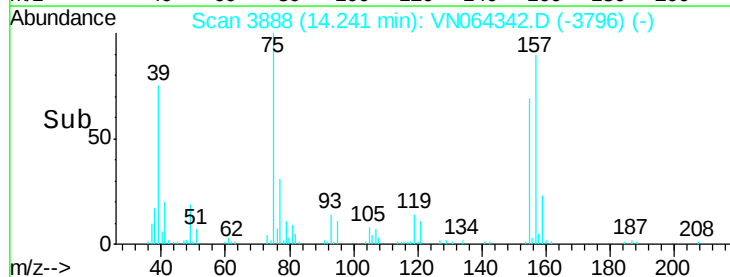
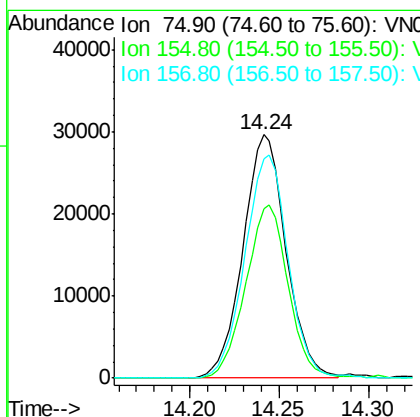
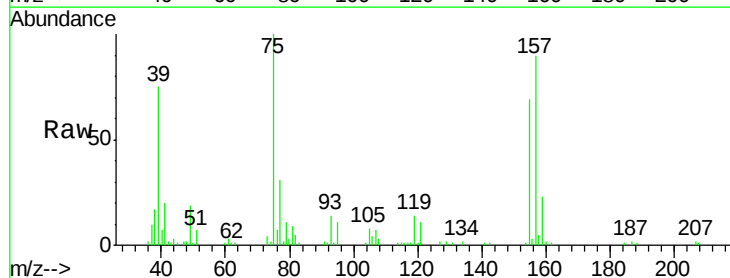
Manual Integrations
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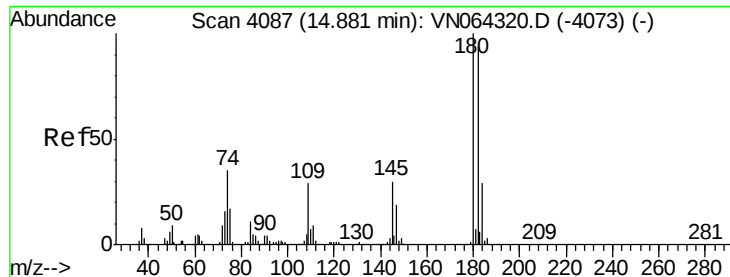
MMDadoda
 10/29/2020 9:49:40 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.510 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49951		
155	70.3	35.1	105.5	
157	92.1	43.2	129.6	





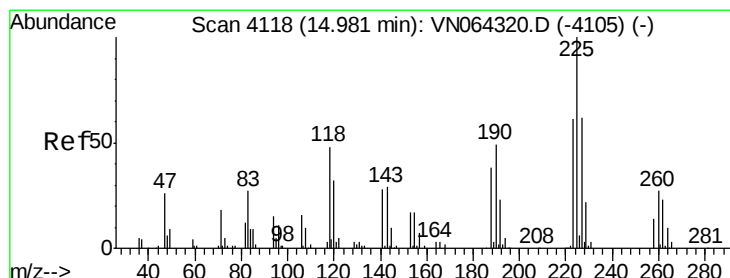
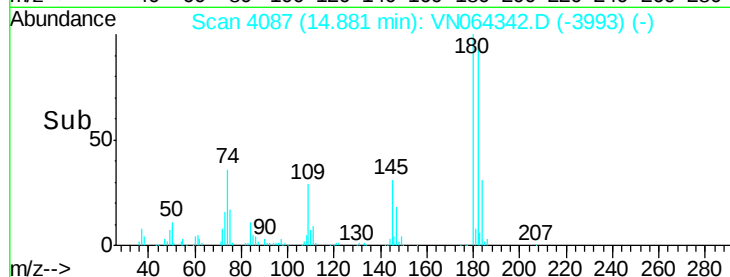
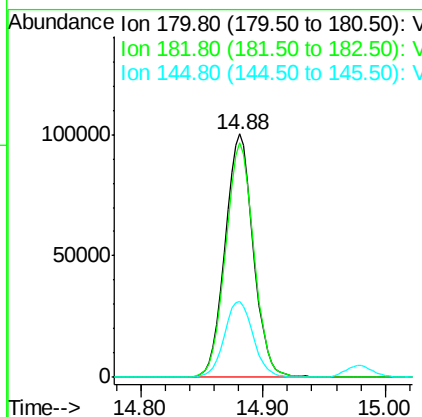
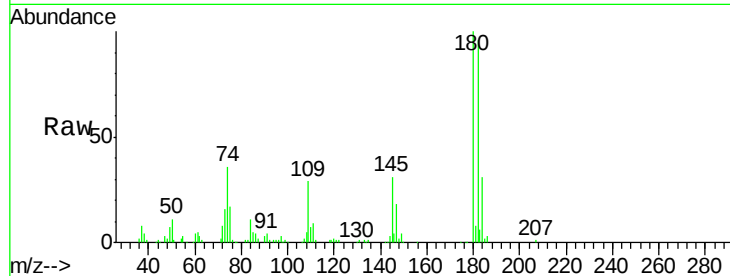
#93
 1,2,4-Trichlorobenzene
 Concen: 46.643 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	162617		
182	96.4	46.6	139.7	
145	32.1	15.3	45.9	

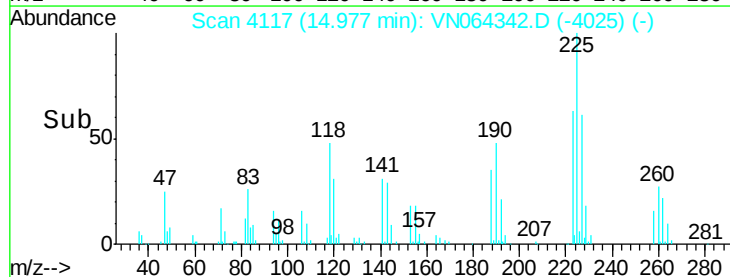
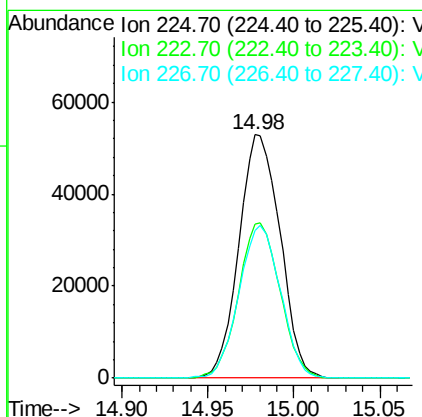
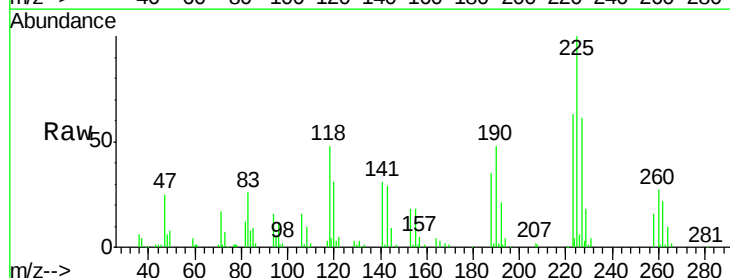
Manual Integrations
 APPROVED

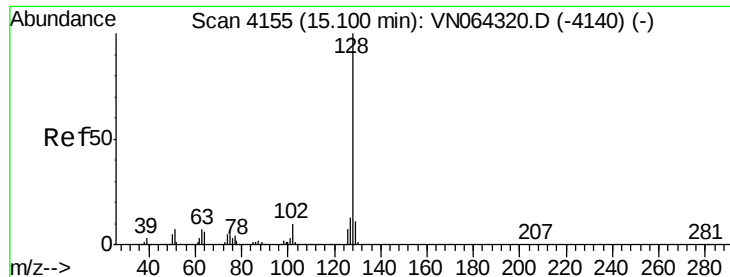
MMDadoda
 10/29/2020 9:49:40 AM



#94
 Hexachlorobutadiene
 Concen: 47.245 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064342.D
 Acq: 28 Oct 2020 10:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88216		
223	64.2	31.3	93.8	
227	63.1	32.3	96.9	





#95

Naphthalene

Concen: 44.526 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Instrument :

MSVOA_N

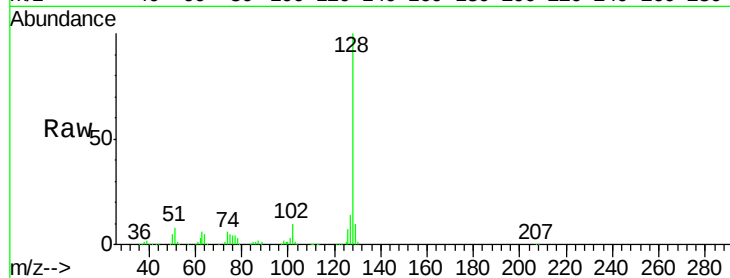
ClientSampleId :

VSTDCCC050

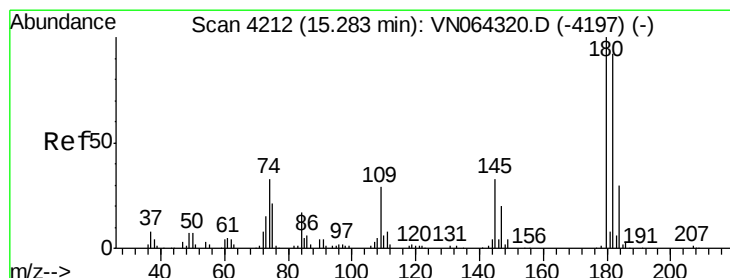
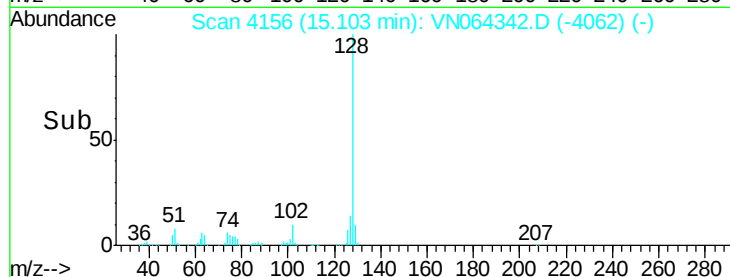
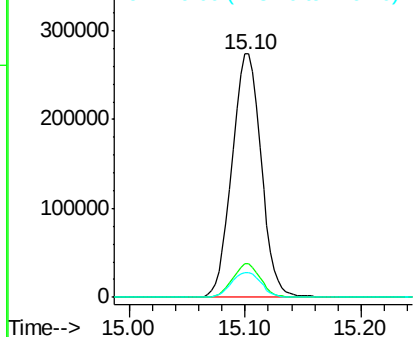
Tot Ion:	128	Resp:	476844
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.5	8.6	13.0

Manual Integrations
APPROVED

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10/29/2020 9:49:40 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.189 ug/l

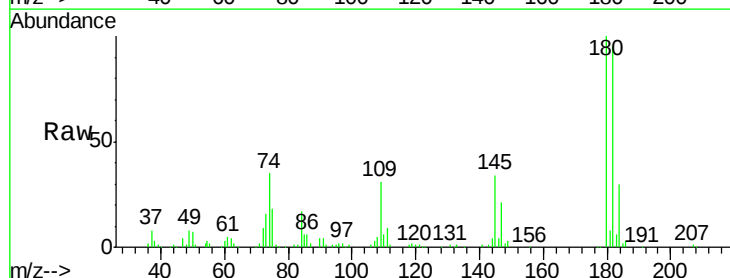
RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064342.D

Acq: 28 Oct 2020 10:24

Tgt Ion:	180	Resp:	158631
Ion Ratio	Lower	Upper	
180	100		
182	95.0	46.1	138.3
145	32.8	16.2	48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

