

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064340.D
 Acq On : 27 Oct 2020 20:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/28/2020 11:45:59 AM

Quant Time: Oct 28 05:06:32 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	7.63	168	245342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189554	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	197882	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.55	113	136996	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.06	98	504555	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.38	95	197152	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	143118	50.748	ug/l	99
3) Chloromethane	2.04	50	147140	48.265	ug/l	98
4) Vinyl Chloride	2.16	62	152284	51.643	ug/l	97
5) Bromomethane	2.52	94	78988	41.455	ug/l	99
6) Chloroethane	2.67	64	90058	51.111	ug/l	99
7) Trichlorofluoromethane	2.98	101	257356	52.096	ug/l	97
8) Diethyl Ether	3.37	74	81755	52.315	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	127658	51.415	ug/l	98
10) Methyl Iodide	3.91	142	117148	35.357	ug/l	99
11) Tert butyl alcohol	4.73	59	150755	263.405	ug/l	100
12) 1,1-Dichloroethene	3.69	96	120294	51.321	ug/l	96
13) Acrolein	3.57	56	29210	236.232	ug/l	88
14) Allyl chloride	4.27	41	243098	50.793	ug/l	99
15) Acrylonitrile	4.93	53	344383	279.807	ug/l	99
16) Acetone	3.78	43	343044	255.373	ug/l	97
17) Carbon Disulfide	4.01	76	343359	49.511	ug/l	98
18) Methyl Acetate	4.28	43	157218	53.084	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	481322	53.445	ug/l	95
20) Methylene Chloride	4.50	84	143825	51.438	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	133696	51.130	ug/l	91
22) Diisopropyl ether	5.90	45	496181	53.039	ug/l	99
23) Vinyl Acetate	5.84	43	2217826	280.223	ug/l	99
24) 1,1-Dichloroethane	5.80	63	274199	52.381	ug/l	99
25) 2-Butanone	6.78	43	521180	263.276	ug/l	99
26) 2,2-Dichloropropane	6.77	77	238470	46.547	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	159022	53.141	ug/l	99
28) Bromochloromethane	7.14	49	124387	49.873	ug/l #	16
29) Tetrahydrofuran	7.17	42	338379	263.301	ug/l	99
30) Chloroform	7.33	83	292567	52.361	ug/l	98
31) Cyclohexane	7.61	56	227175	49.647	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	278503	51.907	ug/l	99
36) 1,1-Dichloropropene	7.75	75	213535	51.462	ug/l	99
37) Ethyl Acetate	6.88	43	227594	54.301	ug/l	99
38) Carbon Tetrachloride	7.73	117	250270	52.025	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	201096	48.877	ug/l	99
40) Benzene	8.00	78	583252	50.498	ug/l	100
41) Methacrylonitrile	7.12	41	92258	44.342	ug/l #	88
42) 1,2-Dichloroethane	8.08	62	259235	51.958	ug/l	100
43) Isopropyl Acetate	8.13	43	383552	53.533	ug/l	99
44) Trichloroethene	8.80	130	156031	51.569	ug/l	92
45) 1,2-Dichloropropane	9.08	63	158575	51.270	ug/l	96
46) Dibromomethane	9.17	93	111657	51.604	ug/l	96
47) Bromodichloromethane	9.37	83	236221	49.262	ug/l	97
48) Methyl methacrylate	9.16	41	188363	50.956	ug/l	99
49) 1,4-Dioxane	9.16	88	56947	1045.193	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1120648	269.080	ug/l	100
52) Toluene	10.12	92	374164	51.338	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	264141	52.096	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	266735	51.106	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	146497	50.921	ug/l	99
56) Ethyl methacrylate	10.40	69	232817	53.460	ug/l	99
57) 1,3-Dichloropropane	10.68	76	263909	53.776	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	577318	242.930	ug/l	99
59) 2-Hexanone	10.72	43	842379	274.629	ug/l	98
60) Dibromochloromethane	10.87	129	186707	54.889	ug/l	99
61) 1,2-Dibromoethane	10.98	107	160861	54.875	ug/l	100
64) Tetrachloroethene	10.60	164	156464	49.968	ug/l	98
65) Chlorobenzene	11.41	112	398915	51.647	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	159407	51.062	ug/l	98
67) Ethyl Benzene	11.48	91	744543	51.849	ug/l	97
68) m/p-Xylenes	11.59	106	545600	102.526	ug/l	100
69) o-Xylene	11.92	106	263621	51.419	ug/l	98
70) Styrene	11.94	104	447393	53.223	ug/l	98
71) Bromoform	12.10	173	132029	53.885	ug/l #	94
73) Isopropylbenzene	12.22	105	702097	49.454	ug/l	99
74) N-amyl acetate	12.04	43	338725	54.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	209146	50.681	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	218659m	48.170	ug/l	
77) Bromobenzene	12.50	156	171269	49.265	ug/l	99
78) n-propylbenzene	12.57	91	807361	50.231	ug/l	99
79) 2-Chlorotoluene	12.65	91	497321	48.403	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	597473	49.736	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	76008	48.233	ug/l	94
82) 4-Chlorotoluene	12.75	91	527804	50.425	ug/l	99
83) tert-Butylbenzene	12.97	119	495321	50.248	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	604558	50.366	ug/l	99
85) sec-Butylbenzene	13.14	105	622036	48.763	ug/l	99
86) p-Isopropyltoluene	13.26	119	567561	49.387	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	297110	48.819	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	307734	49.645	ug/l	99
89) n-Butylbenzene	13.59	91	482281	47.637	ug/l	100
90) Hexachloroethane	13.85	117	110669	51.276	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	299457	49.492	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52904	51.666	ug/l	97

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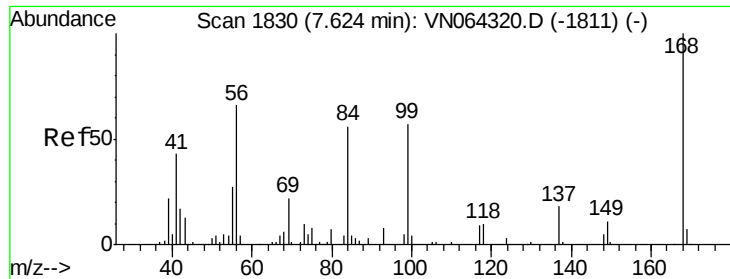
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	157646	45.522	ug/l	97
94) Hexachlorobutadiene	14.98	225	81705	44.003	ug/l	99
95) Naphthalene	15.10	128	503698	47.149	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	153864	46.081	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 245342

Ion Ratio Lower Upper

168 100

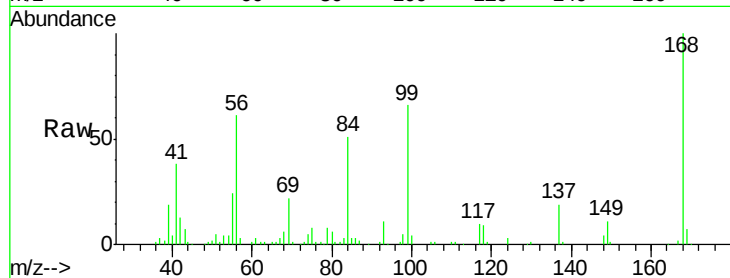
99 65.7 52.7 79.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

60000

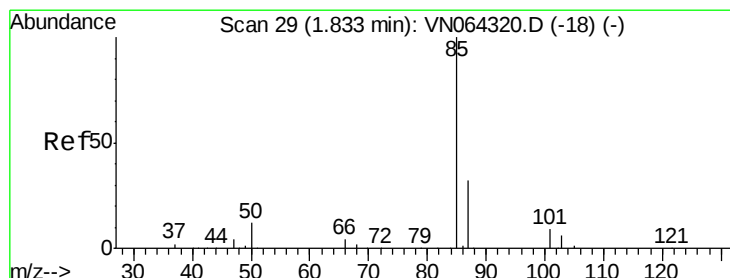
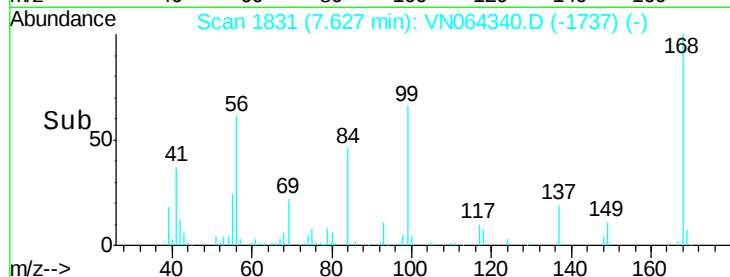
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.748 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064340.D

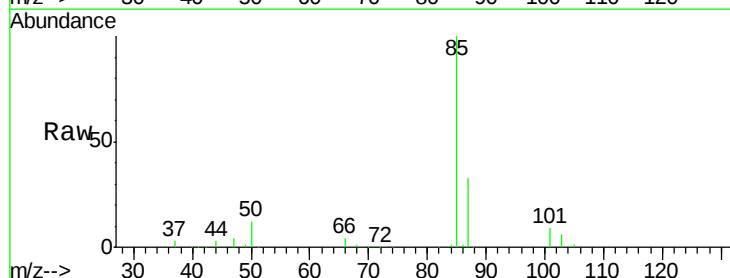
Acq: 27 Oct 2020 20:48

Tgt Ion: 85 Resp: 143118

Ion Ratio Lower Upper

85 100

87 32.5 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

60000

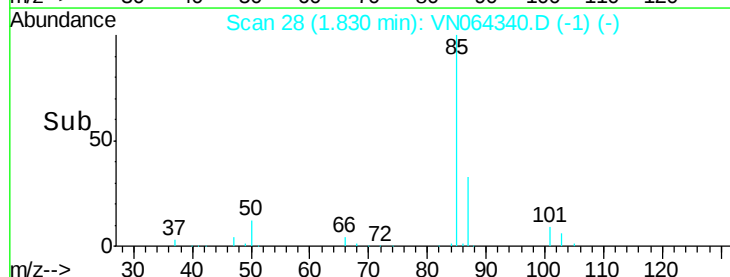
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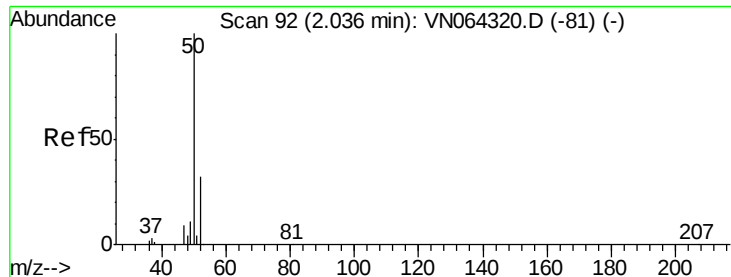
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.265 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 147140

Ion Ratio Lower Upper

50 100

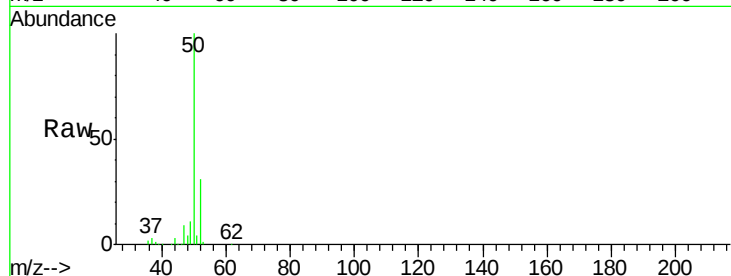
52 31.1 25.6 38.4

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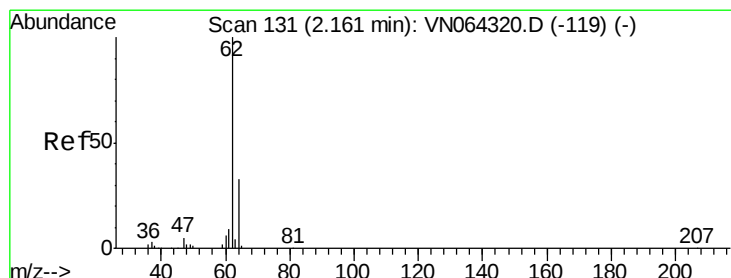
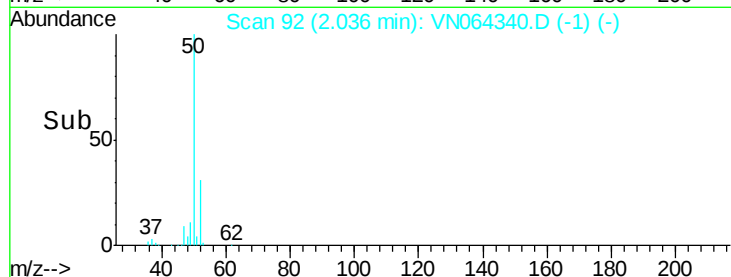
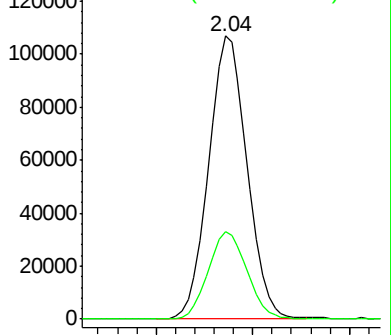
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 51.643 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064340.D

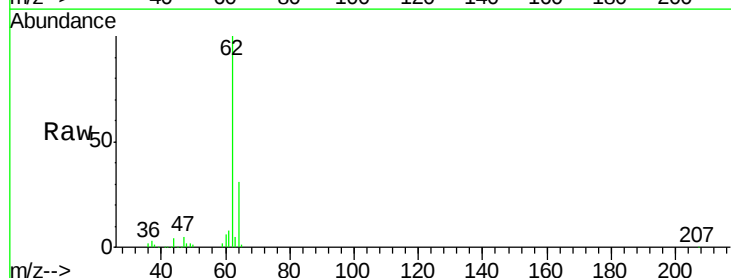
Acq: 27 Oct 2020 20:48

Tgt Ion: 62 Resp: 152284

Ion Ratio Lower Upper

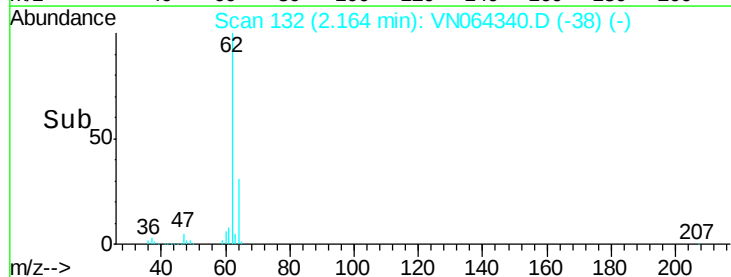
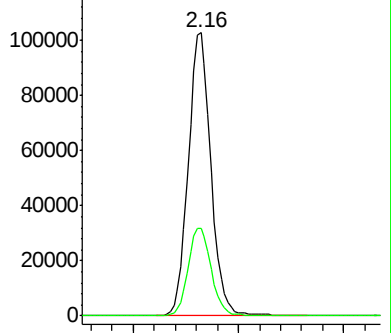
62 100

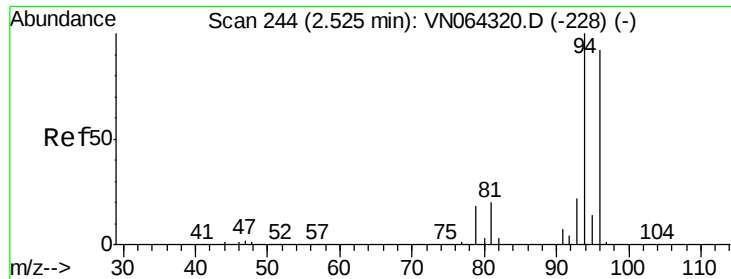
64 31.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 41.455 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

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VSTDCCC050EC

Tot Ion: 94 Resp: 78988

Ion Ratio Lower Upper

94 100

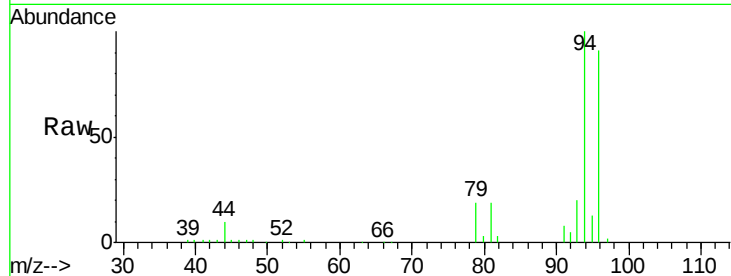
96 90.7 73.6 110.4

Manual Integrations

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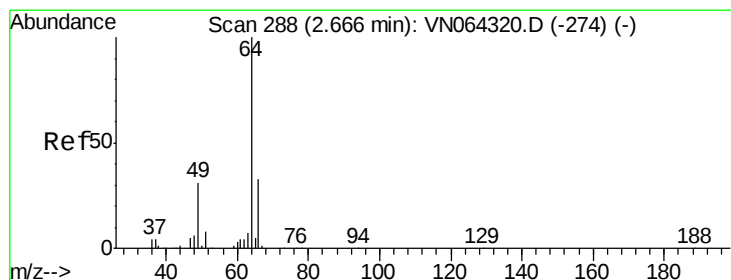
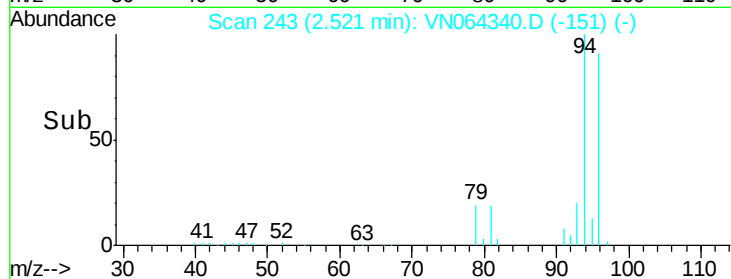
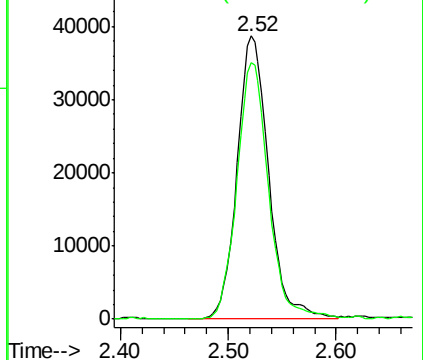
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 51.111 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064340.D

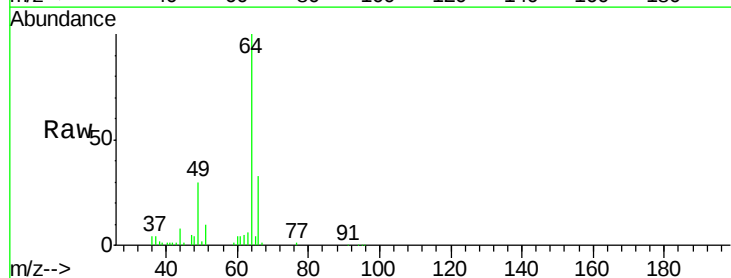
Acq: 27 Oct 2020 20:48

Tgt Ion: 64 Resp: 90058

Ion Ratio Lower Upper

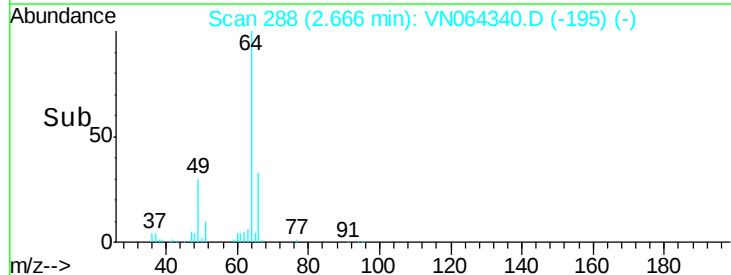
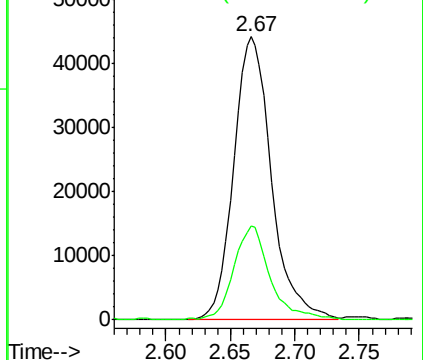
64 100

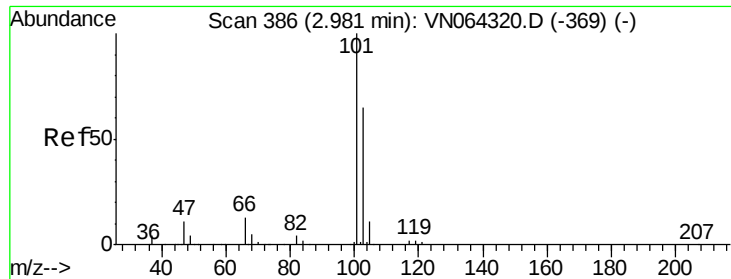
66 32.5 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

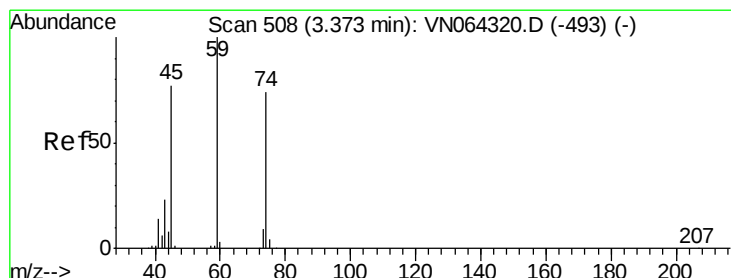
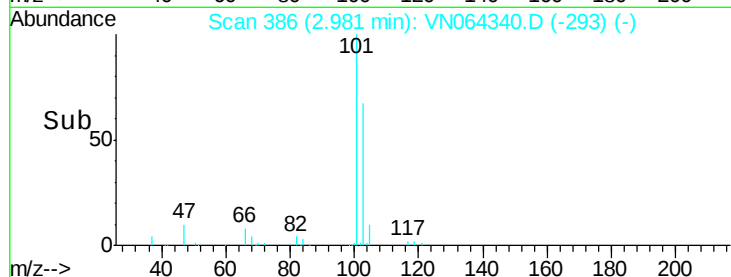
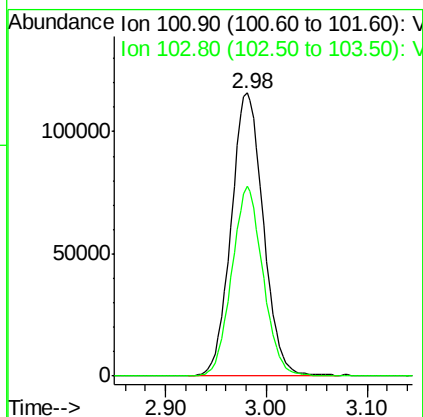
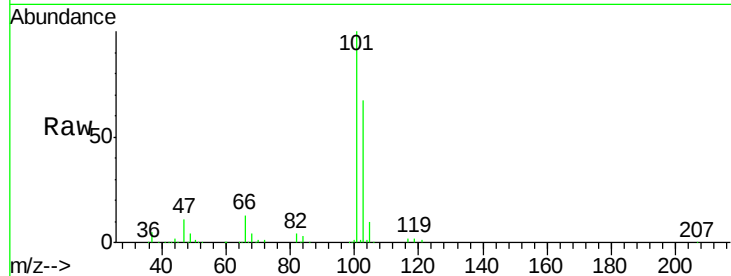
Trichlorofluoromethane
 Concen: 52.096 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.2	51.7	77.5

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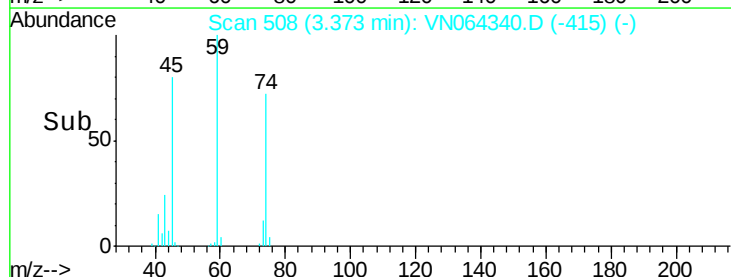
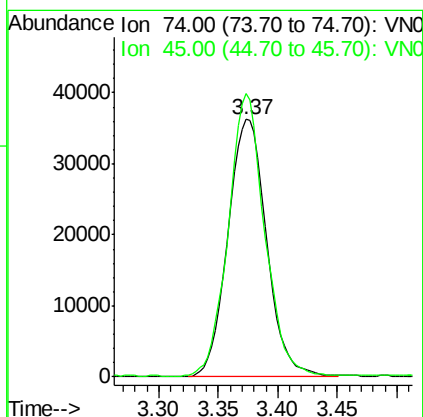
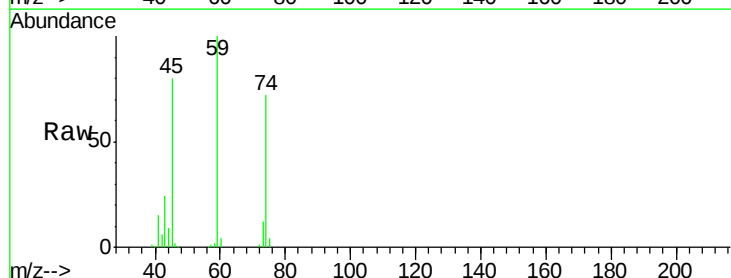
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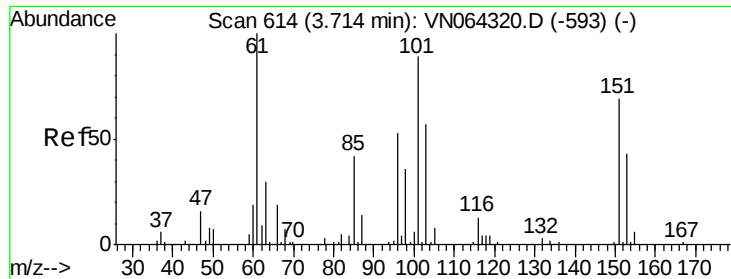


#8

Diethyl Ether
 Concen: 52.315 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.415 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

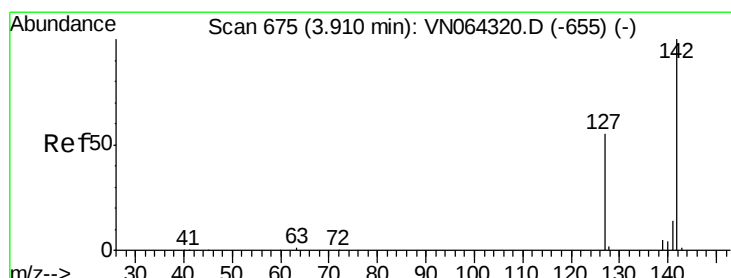
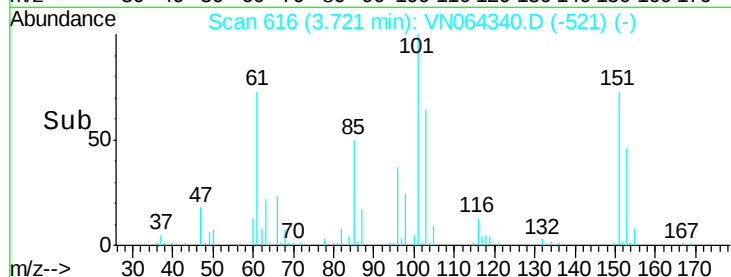
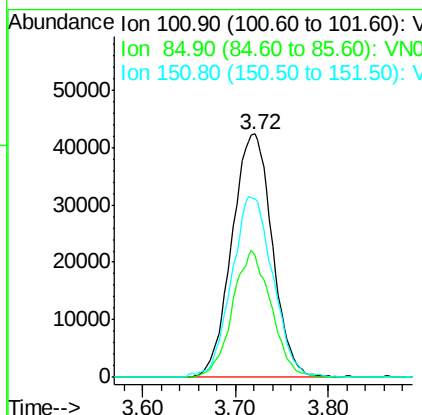
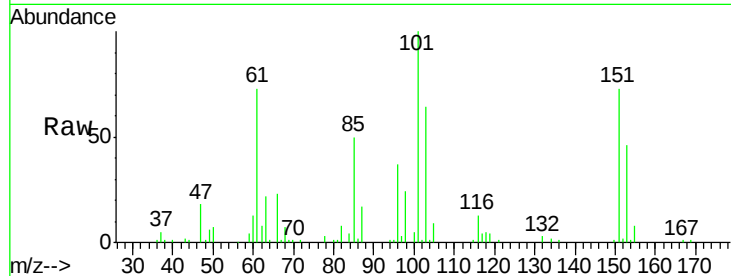
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	127658
Ion Ratio	Lower	Upper	
101	100		
85	49.8	38.4	57.6
151	76.2	62.0	93.0

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#10

Methyl Iodide

Concen: 35.357 ug/l

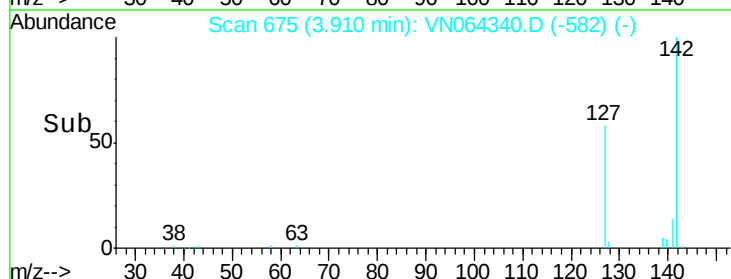
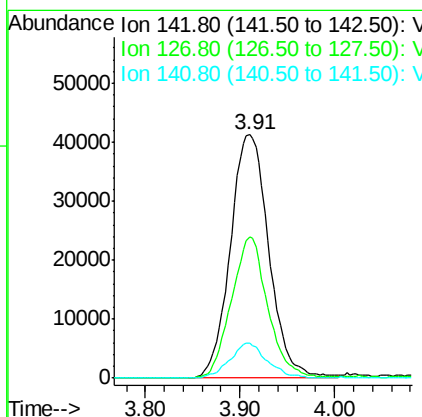
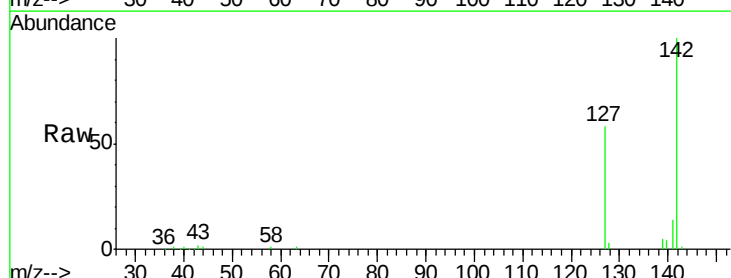
RT: 3.91 min Scan# 675

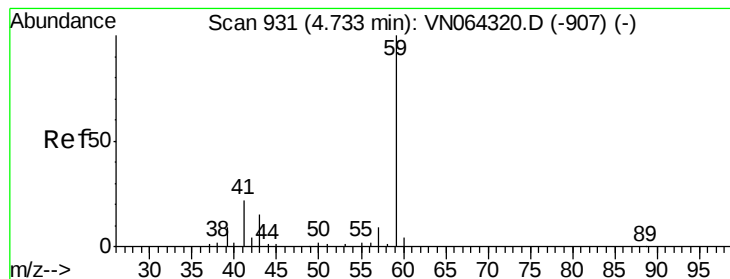
Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion:	142	Resp:	117148
Ion Ratio	Lower	Upper	
142	100		
127	54.9	43.3	64.9
141	14.0	11.5	17.3





#11

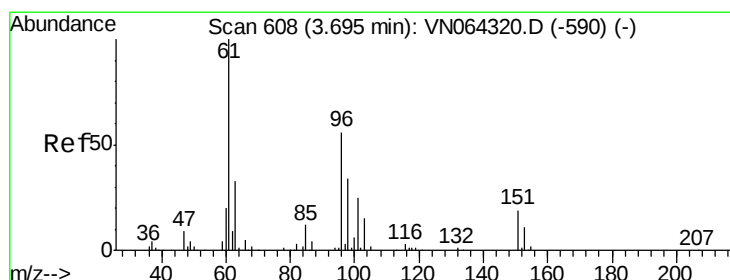
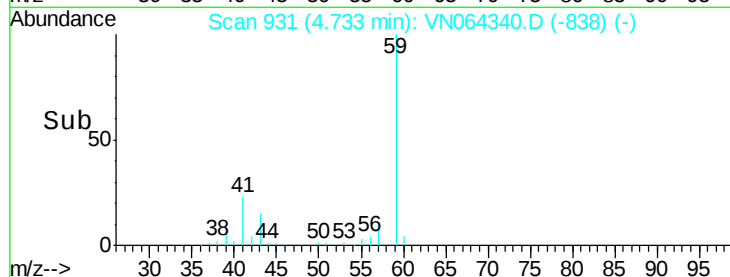
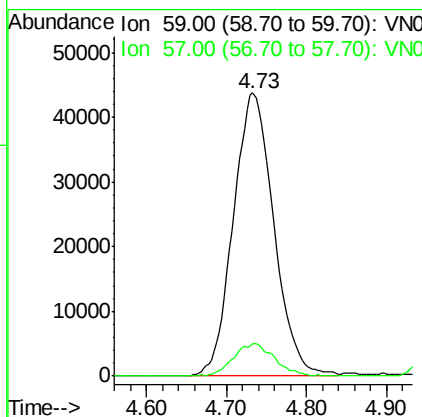
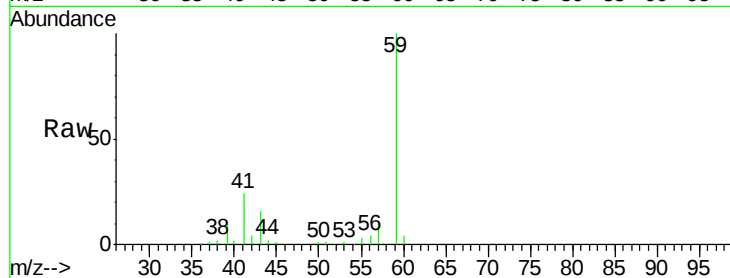
Tert butyl alcohol
 Concen: 263.405 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	9.4	14.0

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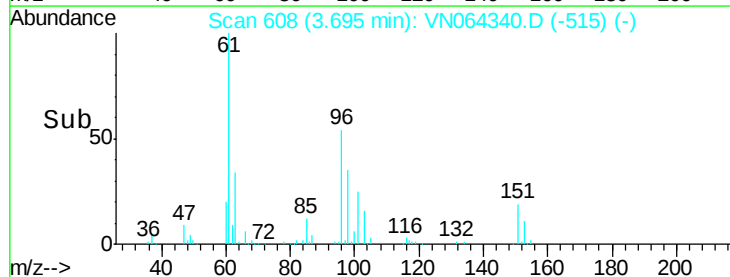
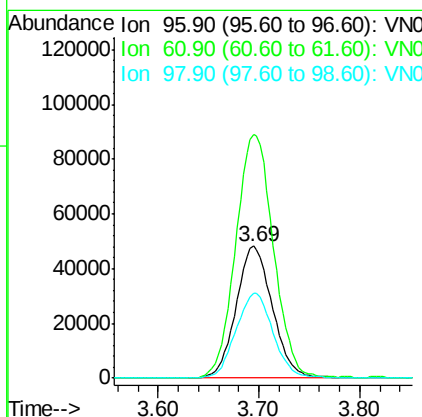
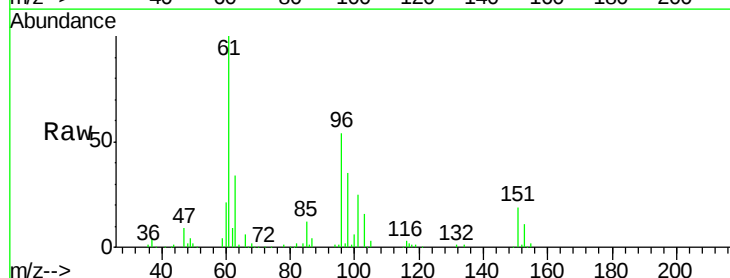
MMDadoda
 10/28/2020 11:45:59 AM

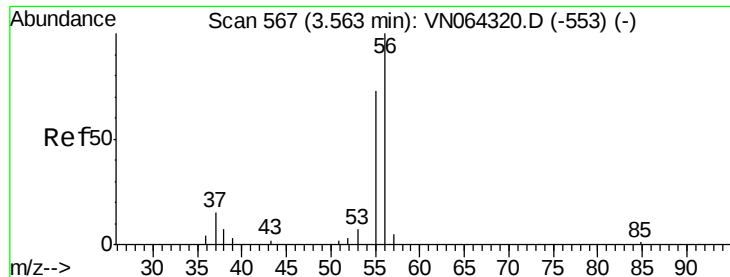


#12

1,1-Dichloroethene
 Concen: 51.321 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.6	143.6	215.4
98	64.0	48.6	73.0





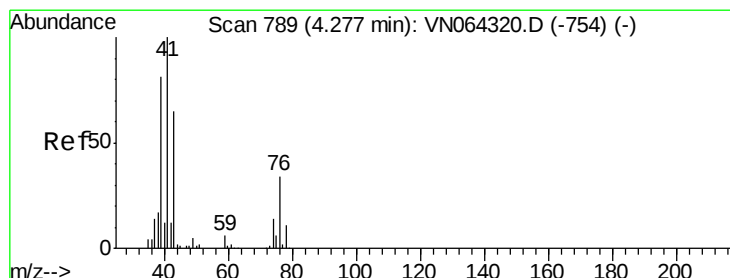
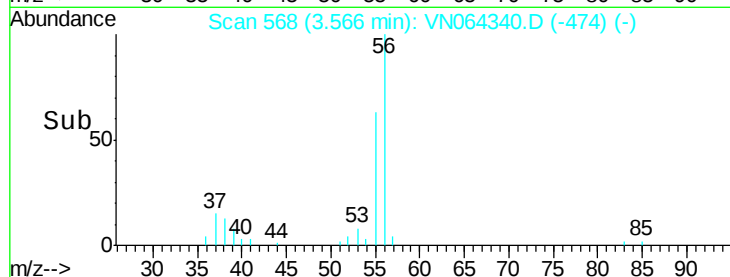
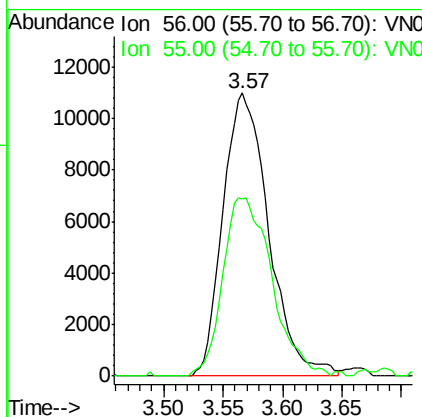
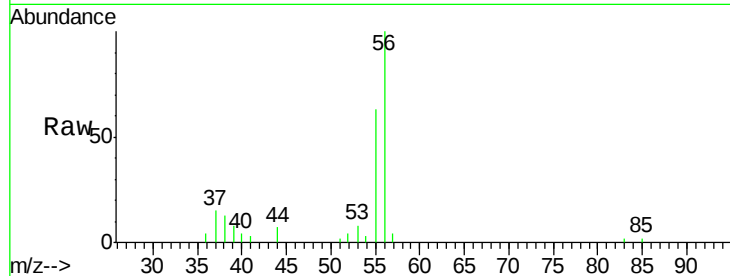
#13
Acrolein
Concen: 236.232 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	Lower	Upper
29210	100	67.5		62.6	94.0

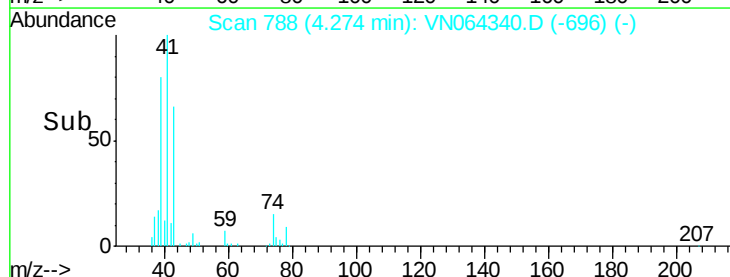
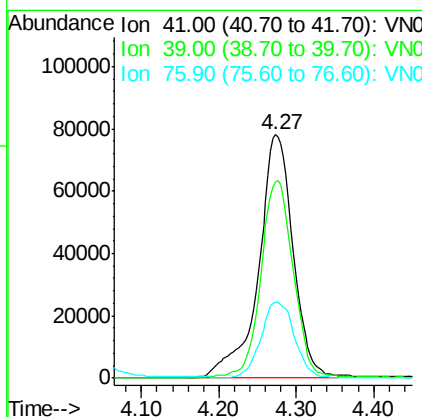
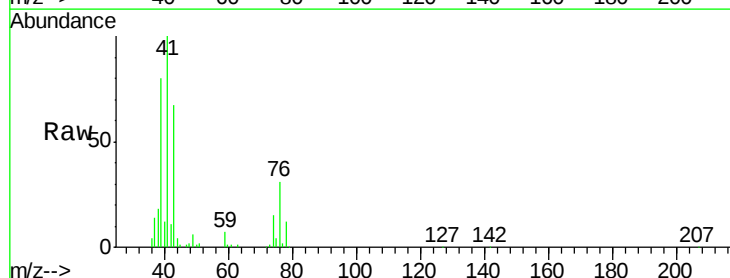
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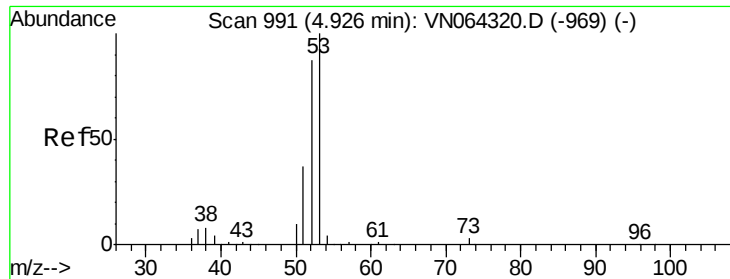
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#14
Allyl chloride
Concen: 50.793 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	41	39	76	Ratio	Lower	Upper
243098	100	76.0	30.4		61.7	92.5
					24.0	36.0





#15

Acrylonitrile

Concen: 279.807 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

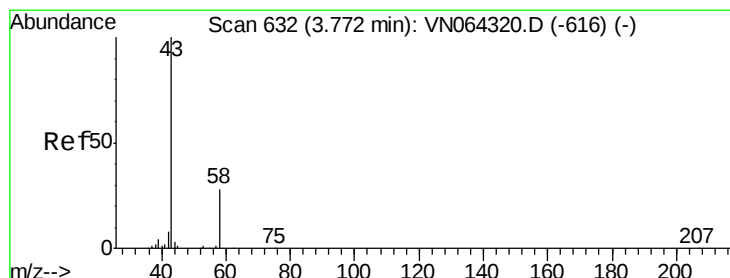
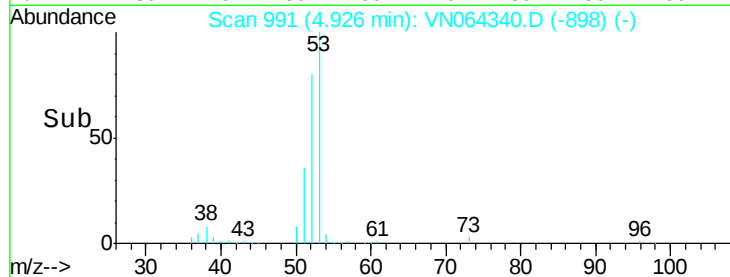
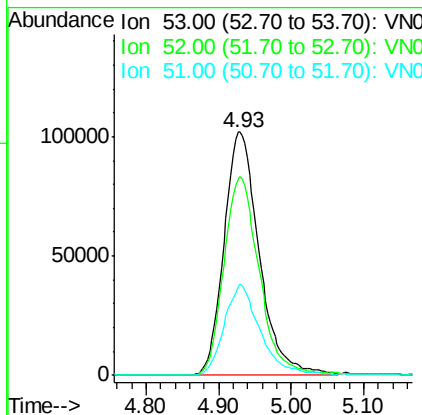
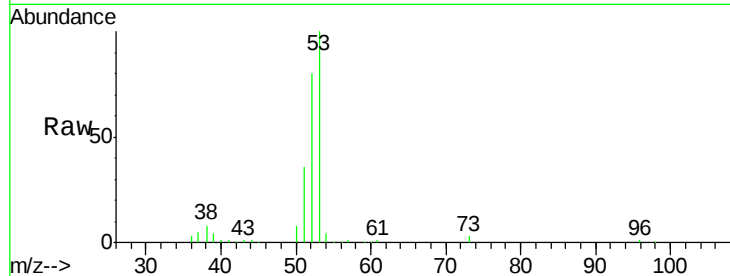
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	344383
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.9	98.9
51	38.2	30.4	45.6

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#16

Acetone

Concen: 255.373 ug/l

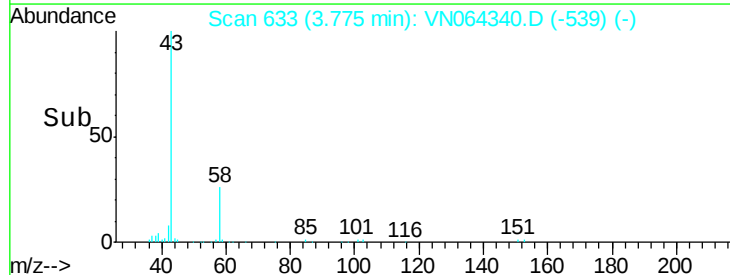
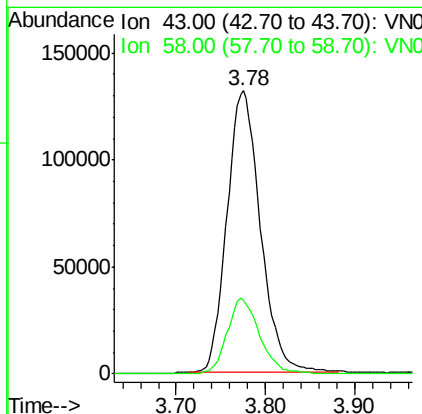
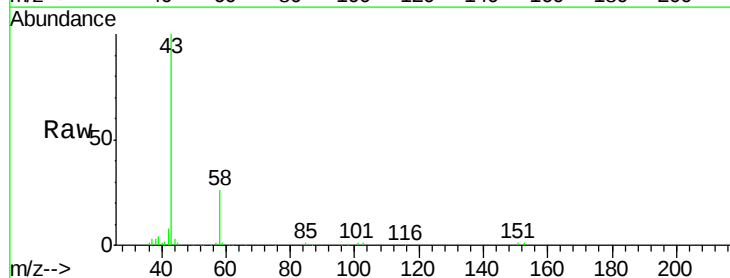
RT: 3.78 min Scan# 633

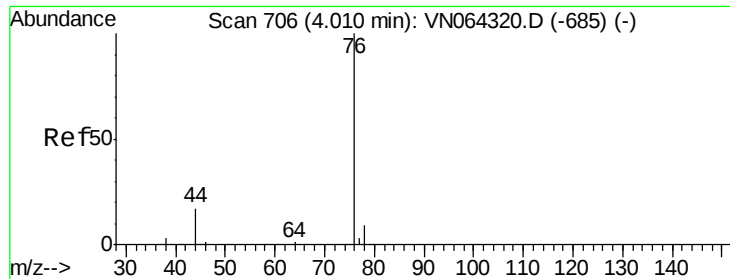
Delta R.T. 0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion:	43	Resp:	343044
Ion Ratio	Lower	Upper	
43	100		
58	26.0	22.1	33.1





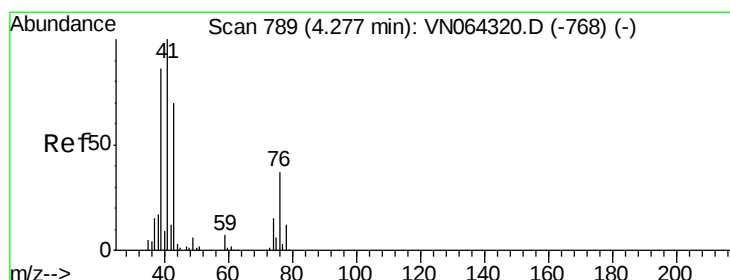
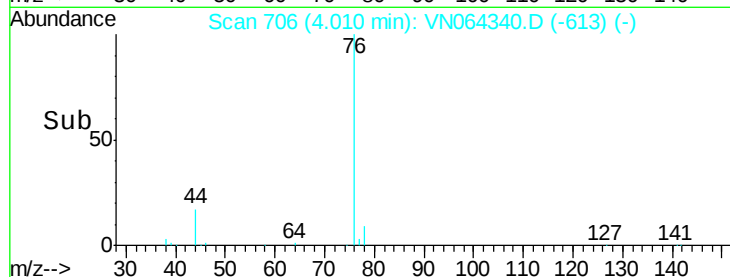
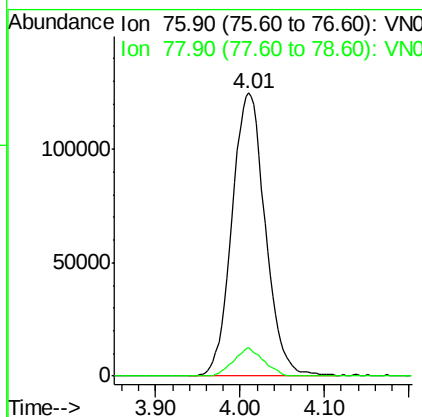
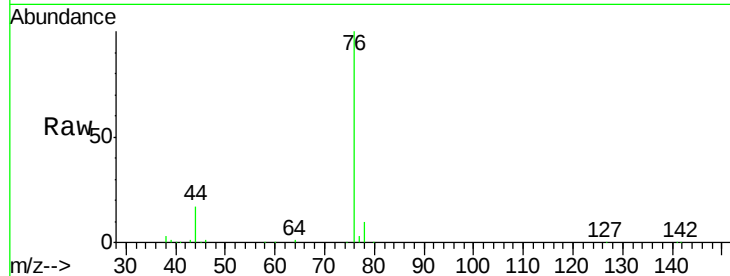
#17
Carbon Disulfide
Concen: 49.511 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.3	10.9

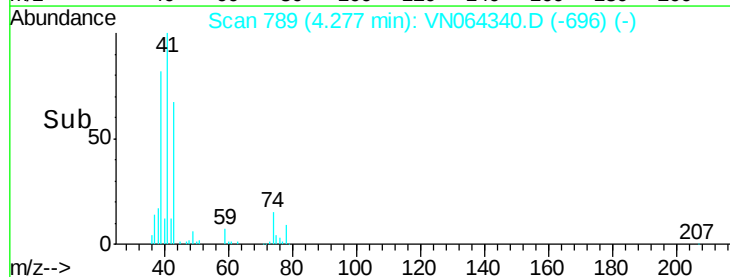
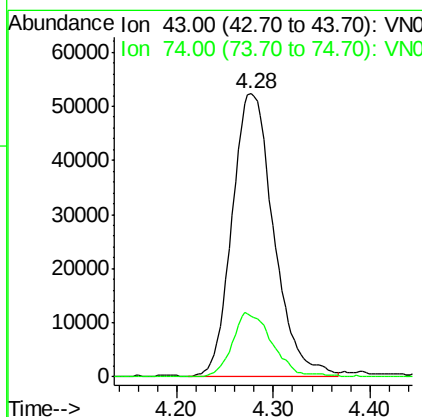
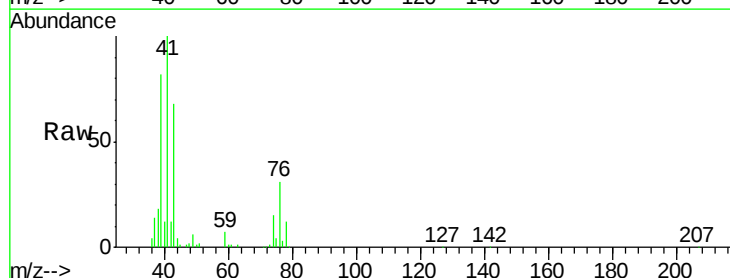
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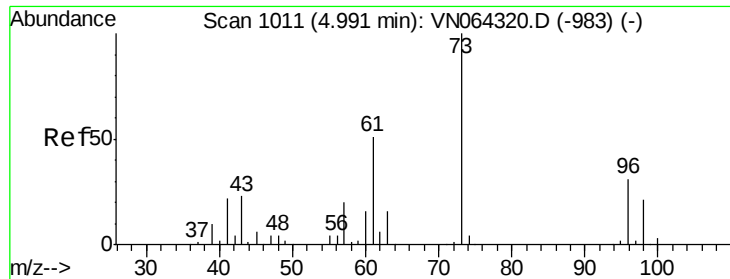
MMDadoda
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#18
Methyl Acetate
Concen: 53.084 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1





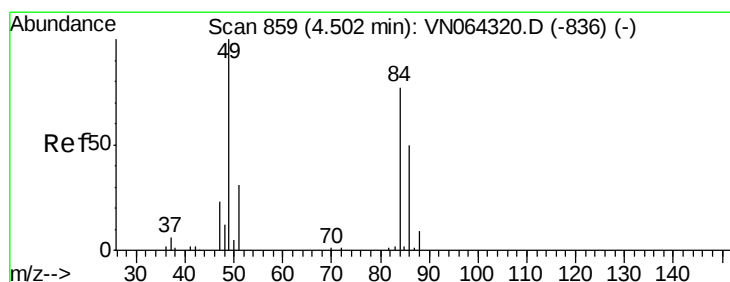
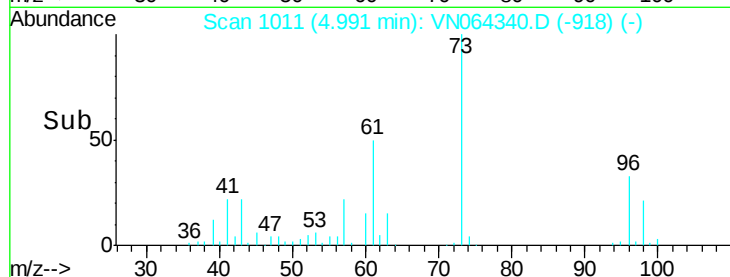
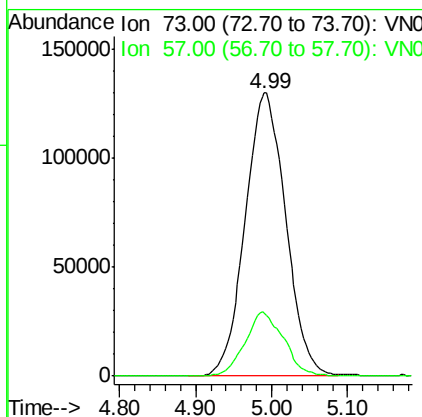
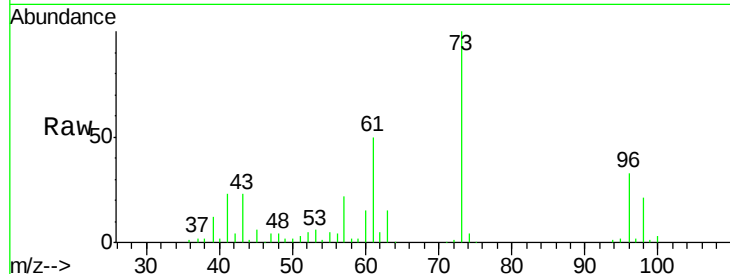
#19
Methvl tert-butvl Ether
Concen: 53.445 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 481322
Ion Ratio Lower Upper
73 100
57 22.3 16.1 24.1

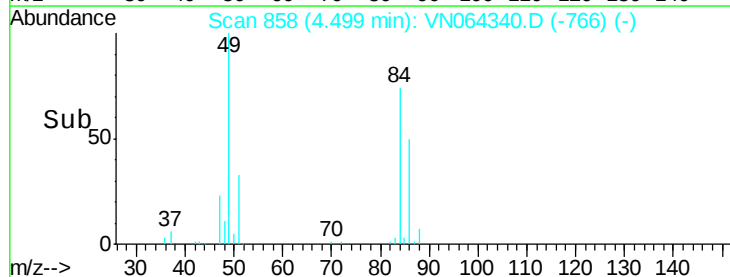
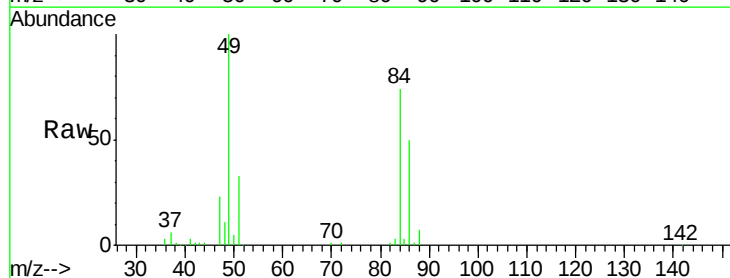
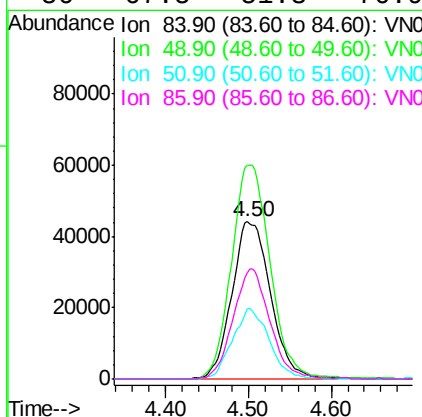
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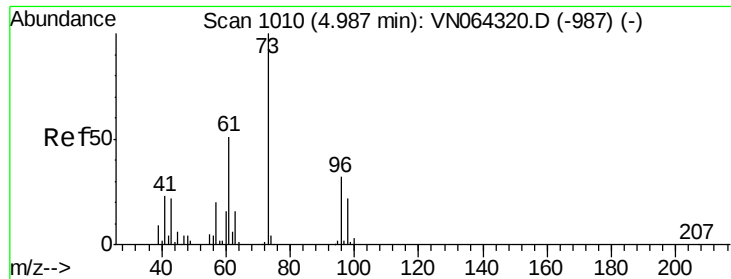
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#20
Methylene Chloride
Concen: 51.438 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion: 84 Resp: 143825
Ion Ratio Lower Upper
84 100
49 135.6 103.6 155.4
51 44.7 31.8 47.8
86 67.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.130 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

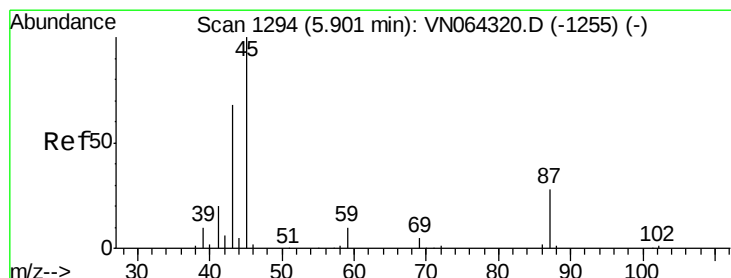
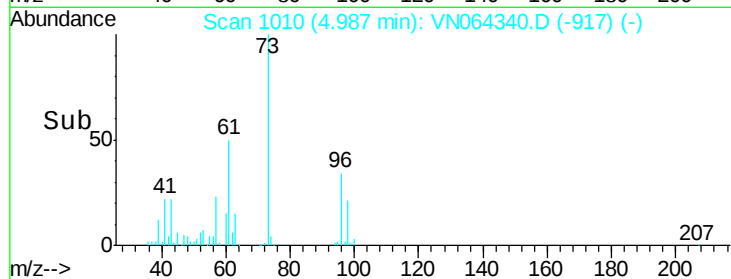
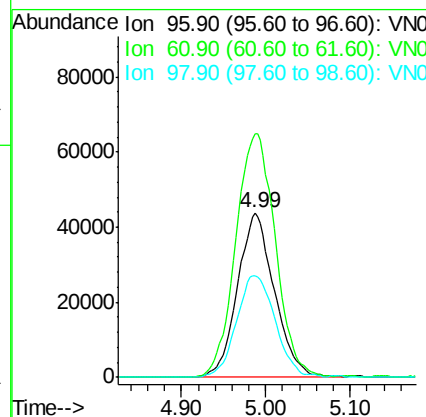
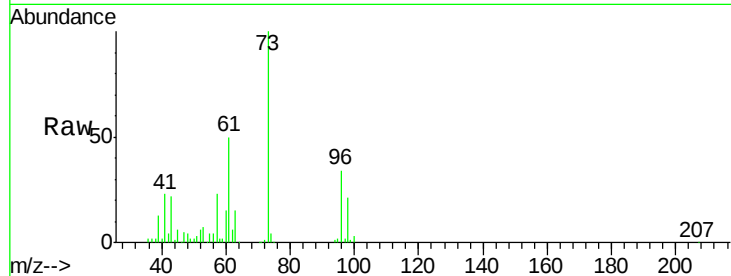
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	133696
Ion	Ratio	Lower	Upper
96	100		
61	147.9	128.2	192.2
98	62.1	56.1	84.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.039 ug/l

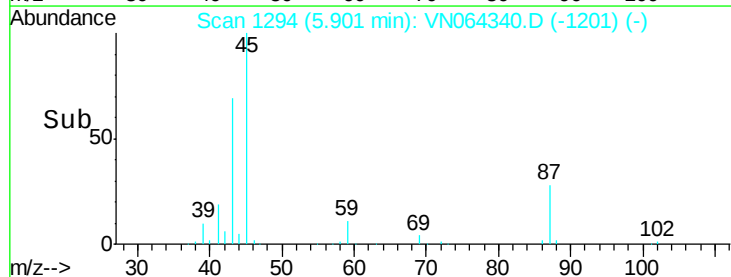
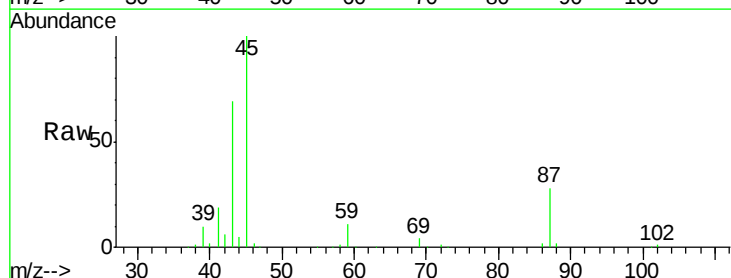
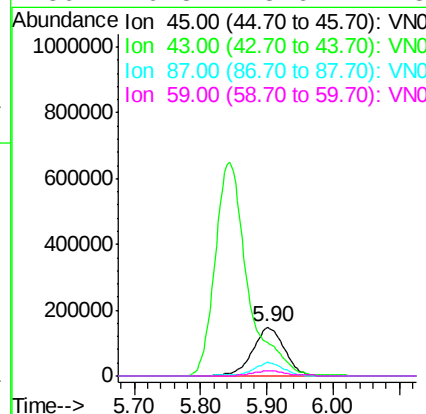
RT: 5.90 min Scan# 1294

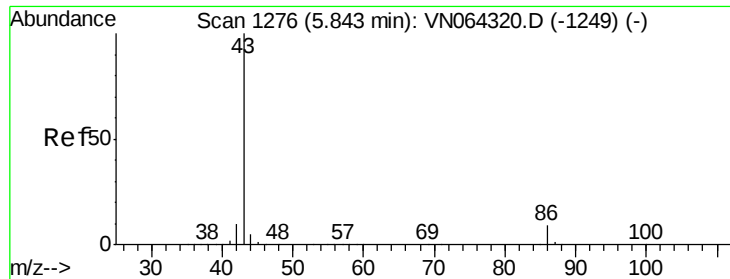
Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion:	45	Resp:	496181
Ion	Ratio	Lower	Upper
45	100		
43	67.1	54.6	82.0
87	27.5	22.6	33.8
59	10.8	8.6	12.8





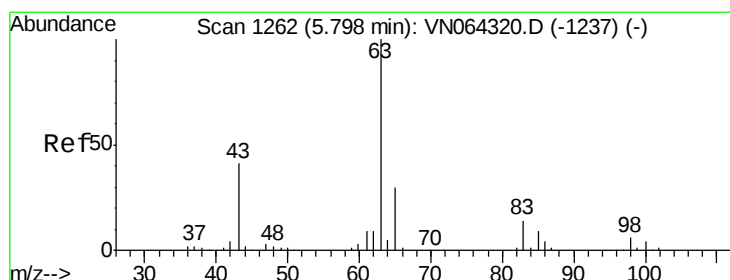
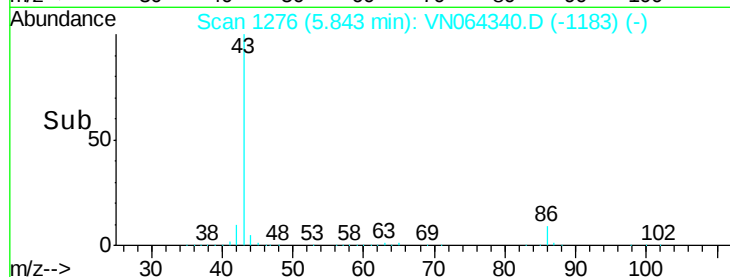
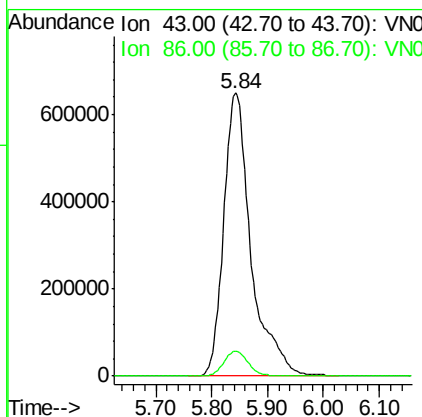
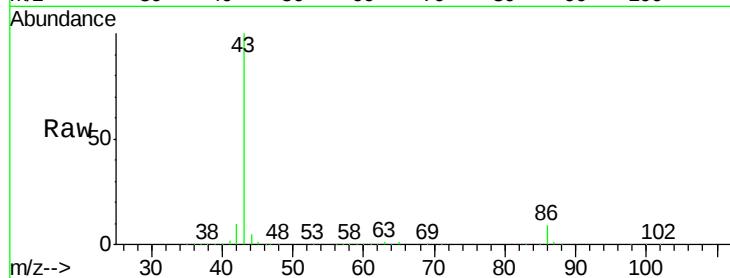
#23
 Vinyl Acetate
 Concen: 280.223 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2217826
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9

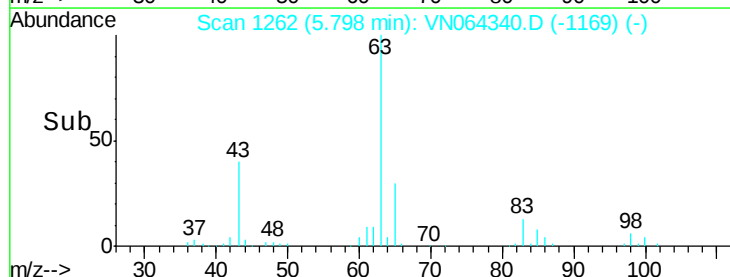
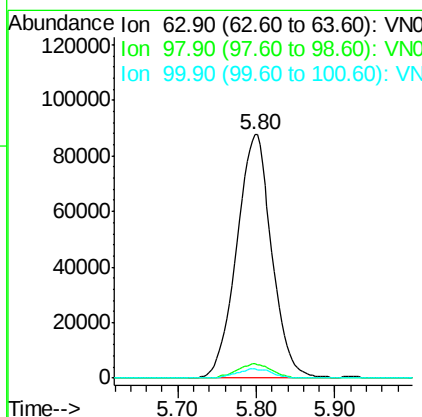
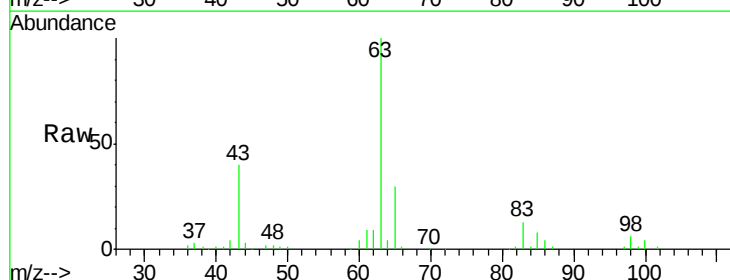
Manual Integrations
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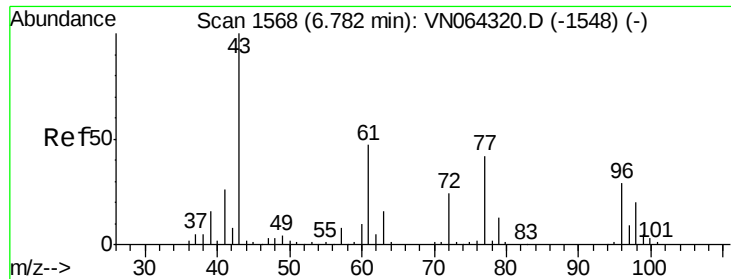
MMDadoda
 10/28/2020 11:45:59 AM



#24
 1,1-Dichloroethane
 Concen: 52.381 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion: 63 Resp: 274199
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.4
 100 3.7 2.0 5.8





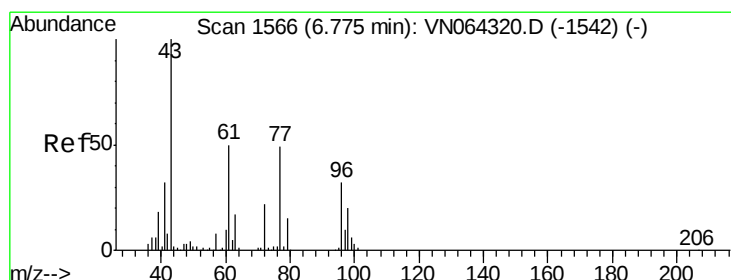
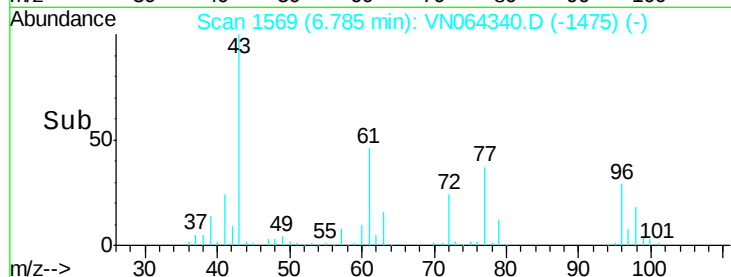
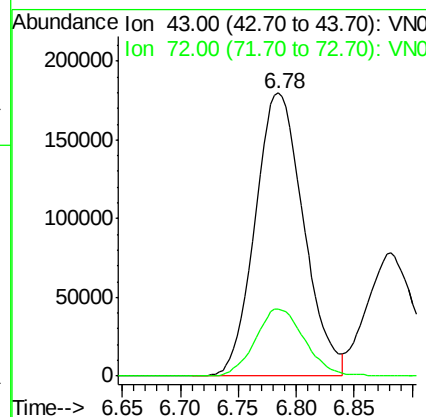
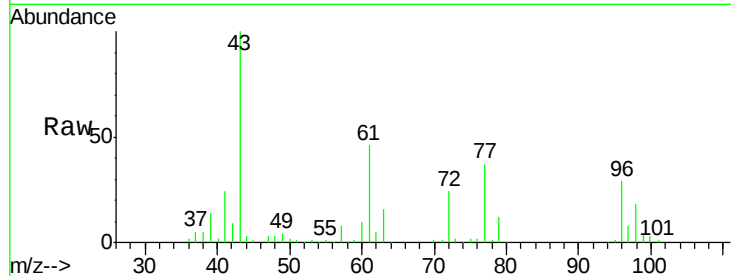
#25
2-Butanone
Concen: 263.276 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 521180
Ion Ratio Lower Upper
43 100
72 23.8 18.8 28.2

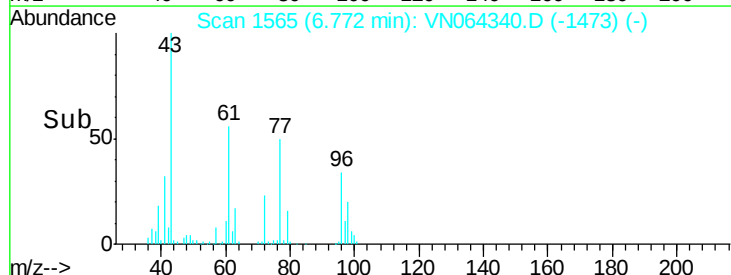
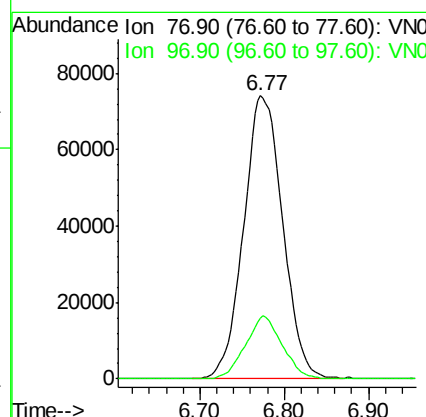
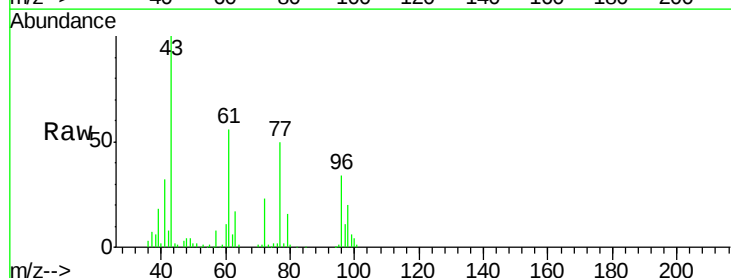
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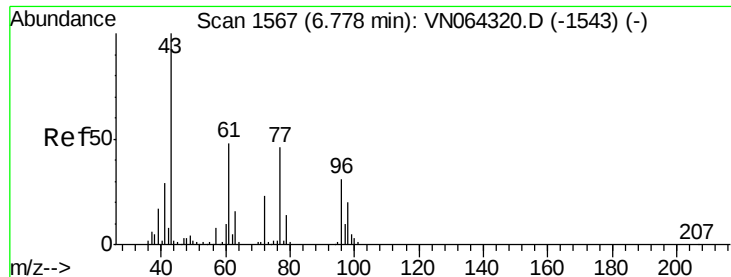
MMDadoda
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#26
2,2-Dichloropropane
Concen: 46.547 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion: 77 Resp: 238470
Ion Ratio Lower Upper
77 100
97 21.0 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 53.141 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

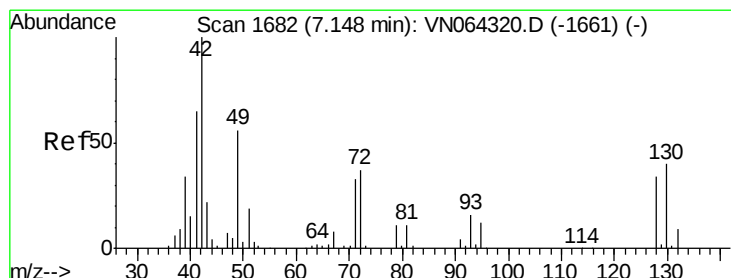
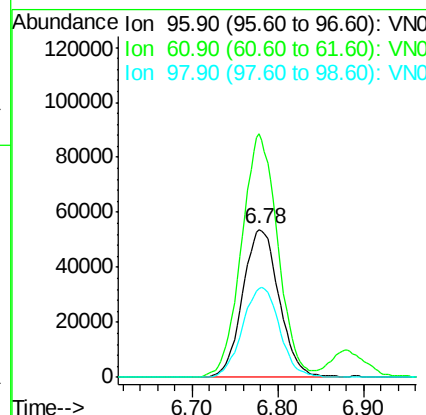
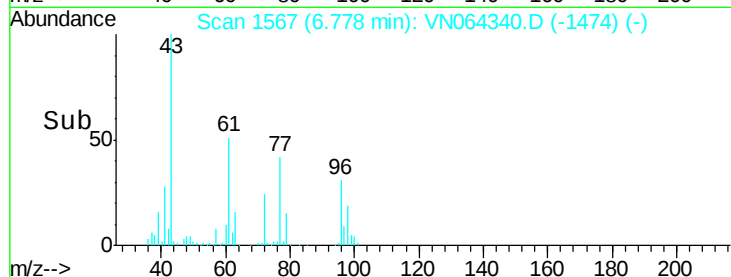
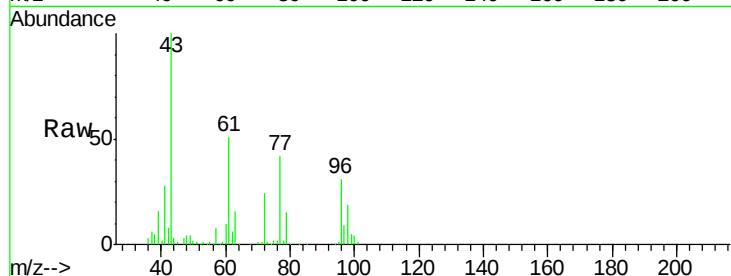
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	159022
Ion	Ratio	Lower	Upper
96	100		
61	162.6	0.0	325.0
98	61.6	0.0	128.4

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#28

Bromochloromethane

Concen: 49.873 ug/l

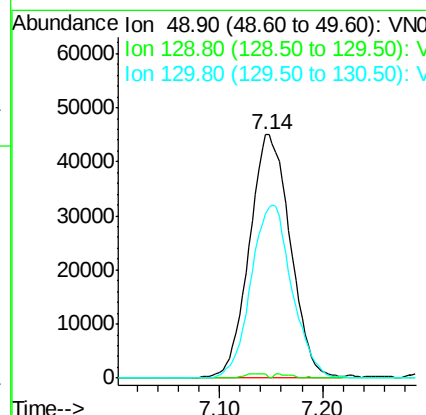
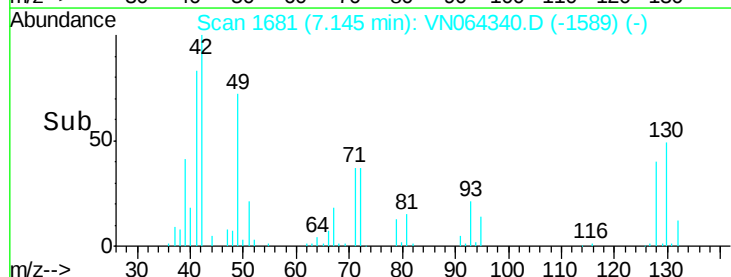
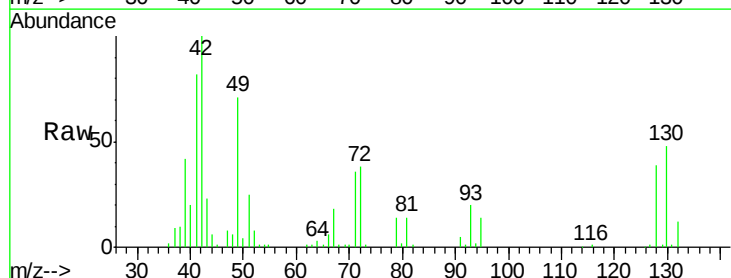
RT: 7.14 min Scan# 1681

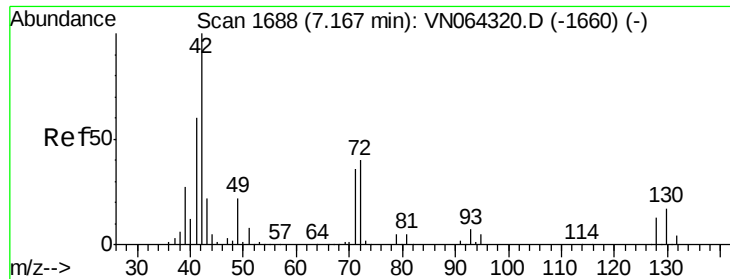
Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion:	49	Resp:	124387
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.8
130	0.0	56.2	84.2#





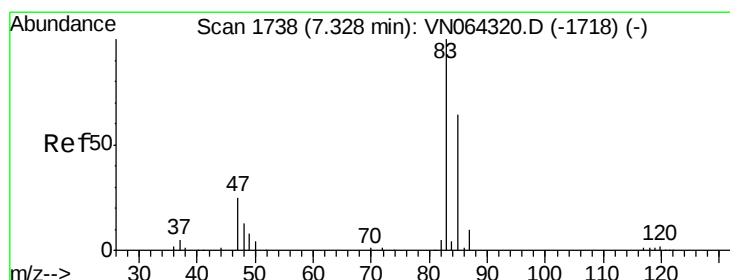
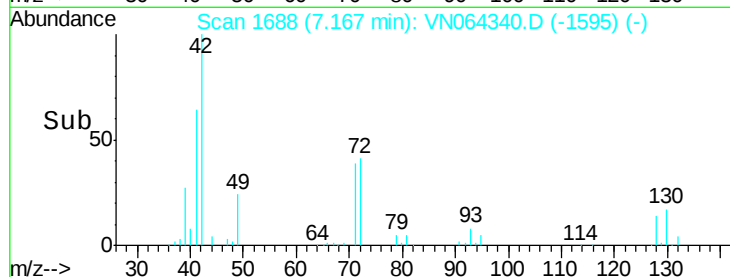
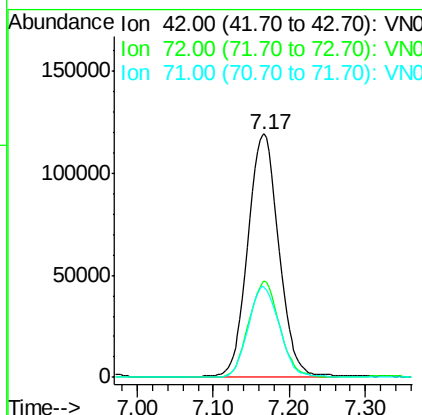
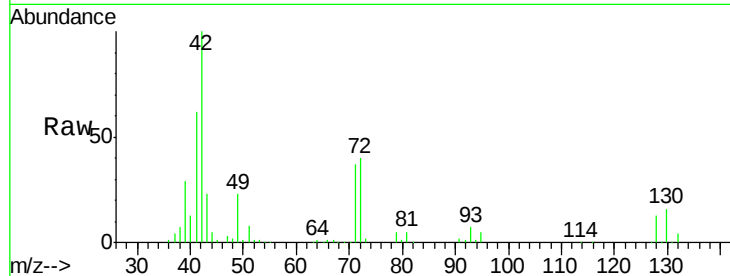
#29
Tetrahydrofuran
Concen: 263.301 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.6	47.4
71	37.5	29.4	44.0

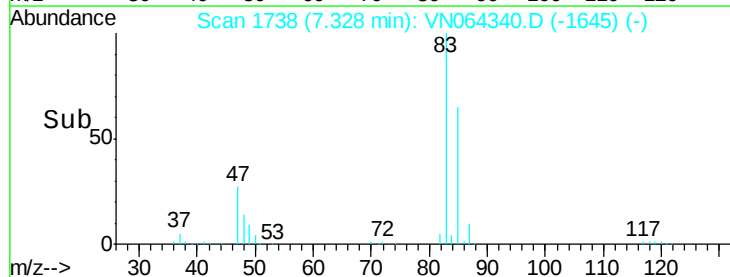
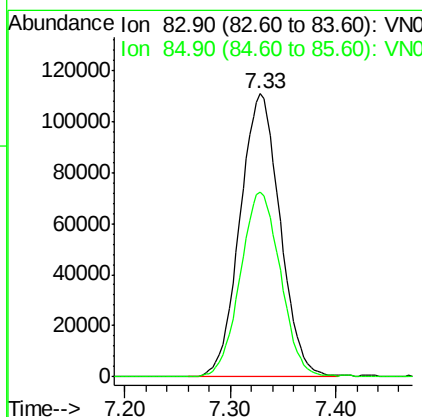
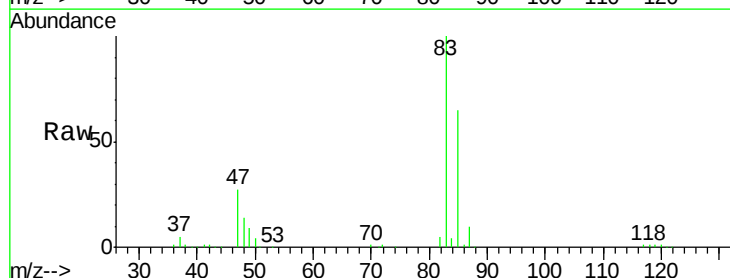
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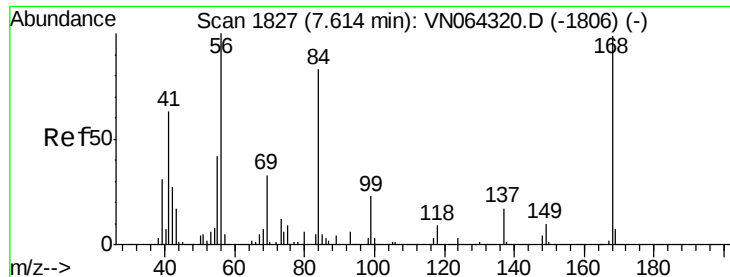
MMDadoda
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#30
Chloroform
Concen: 52.361 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.1	76.7





#31

Cyclohexane

Concen: 49.647 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 227175

Ion Ratio Lower Upper

56 100

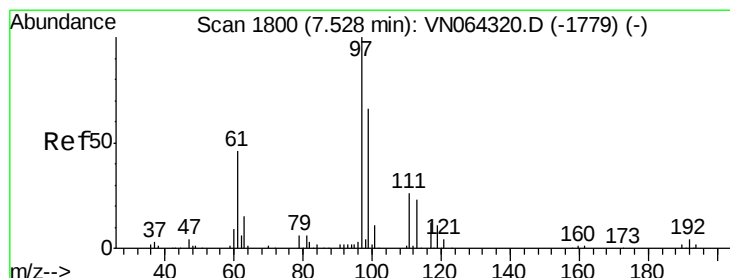
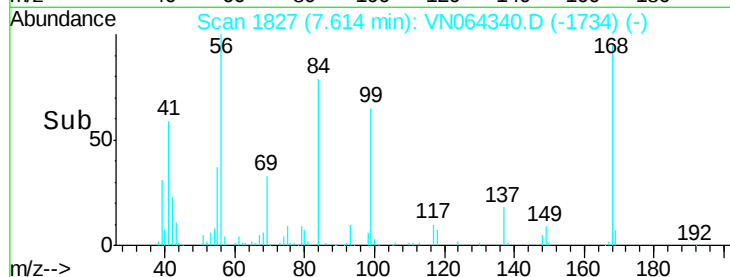
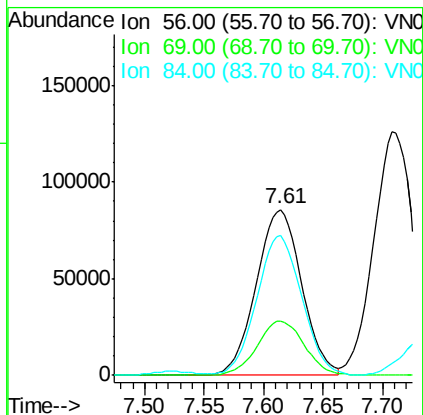
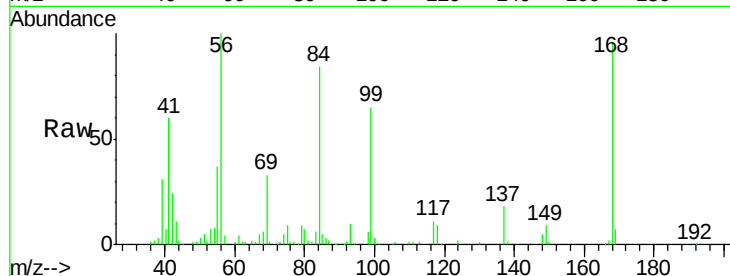
69 32.9 25.8 38.8

84 82.5 66.3 99.5

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#32

1,1,1-Trichloroethane

Concen: 51.907 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

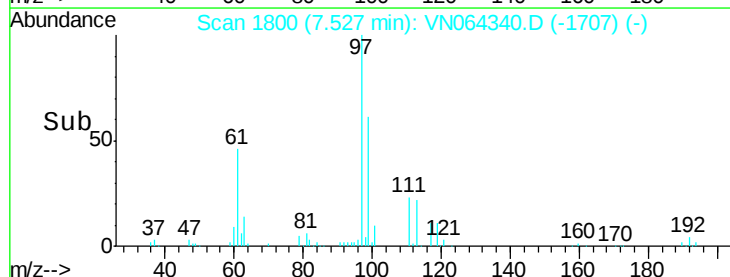
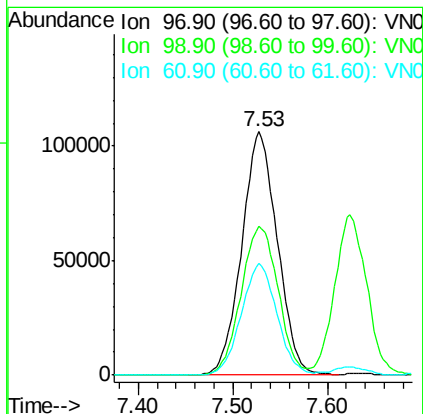
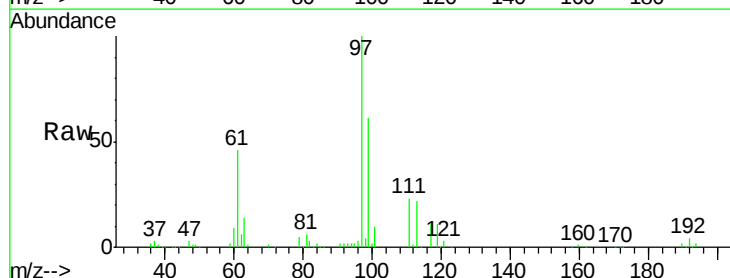
Tgt Ion: 97 Resp: 278503

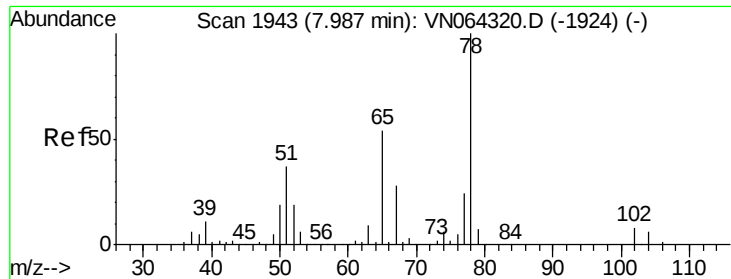
Ion Ratio Lower Upper

97 100

99 63.6 50.6 76.0

61 45.9 35.8 53.6





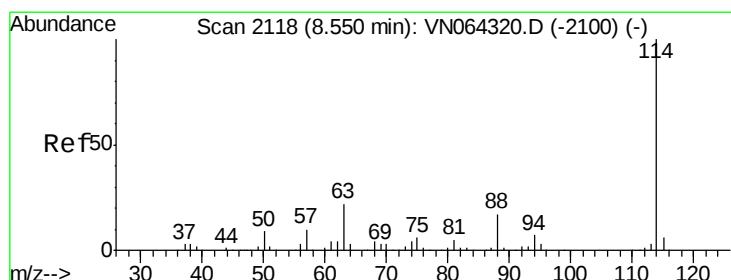
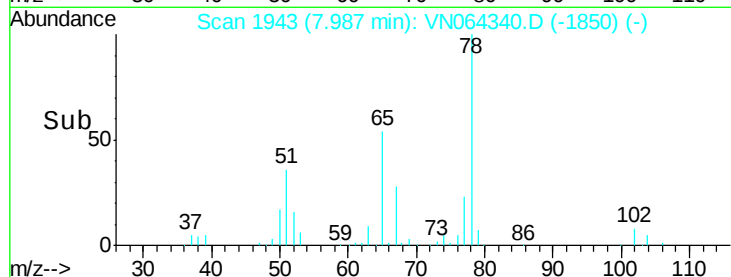
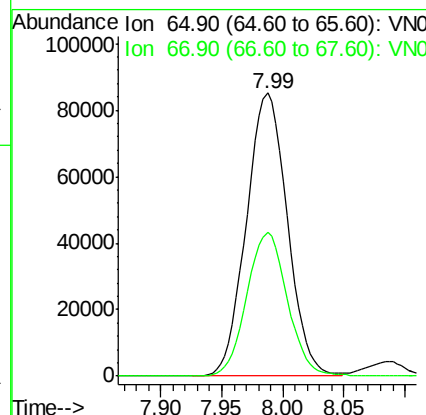
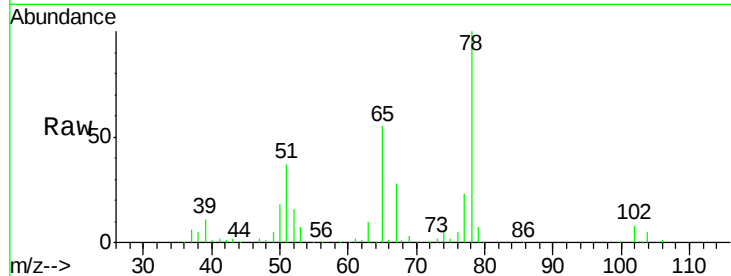
#33
 1,2-Dichloroethane-d4
 Concen: 50.191 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	197882		
67	50.1	0.0	99.2	

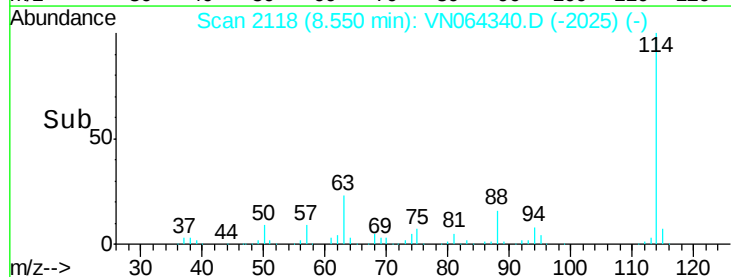
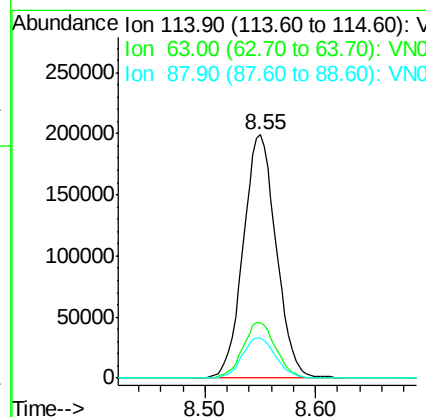
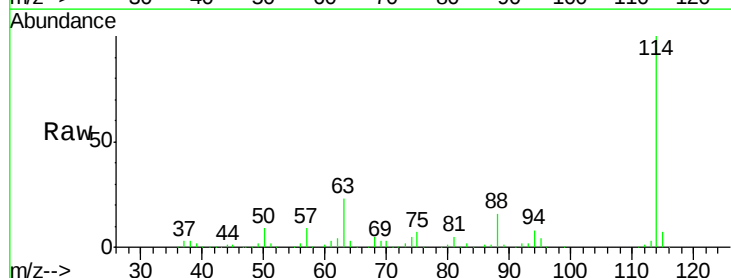
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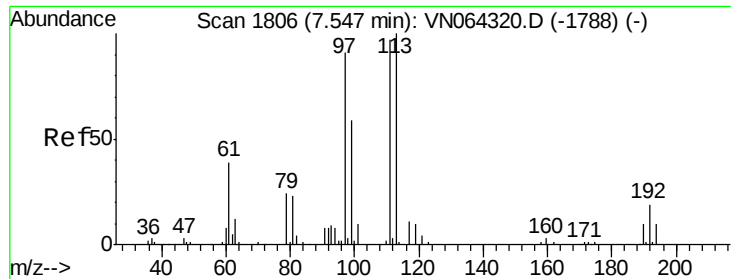
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411146		
63	22.7	0.0	44.6	
88	16.3	0.0	33.4	





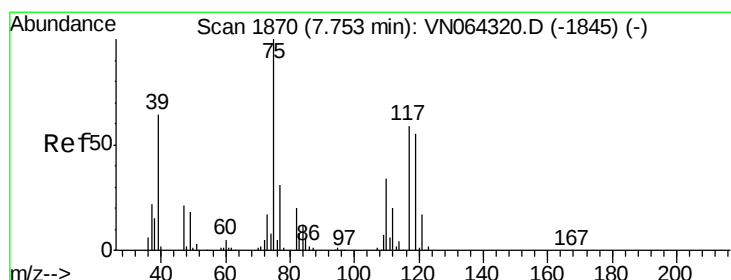
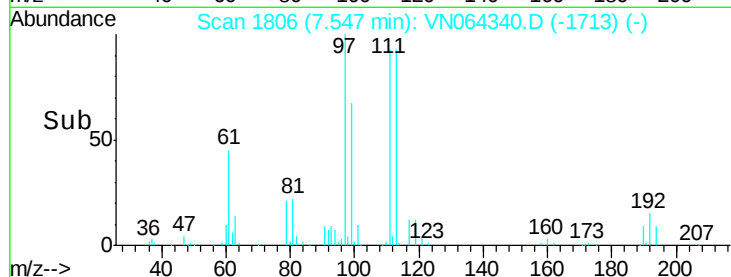
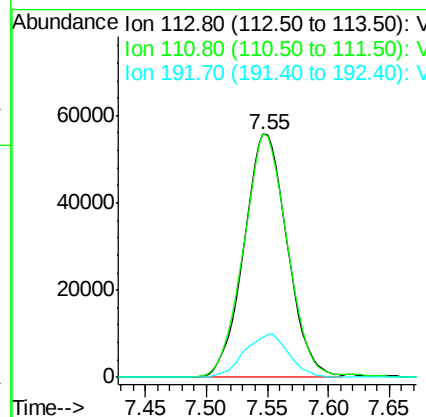
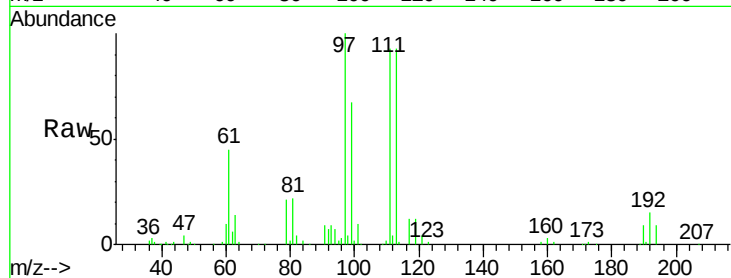
#35
Dibromofluoromethane
Concen: 49.965 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	18.2	15.0	22.4

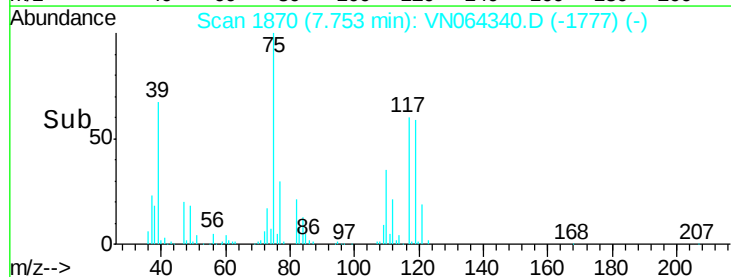
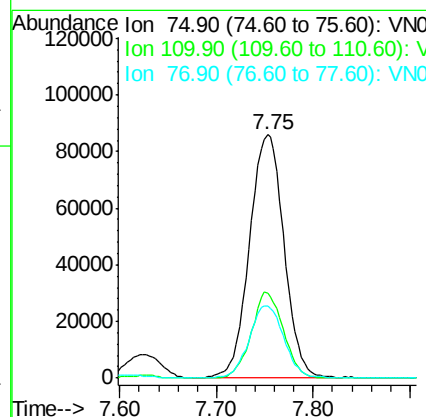
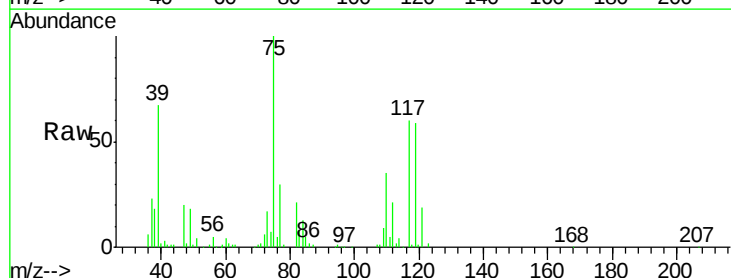
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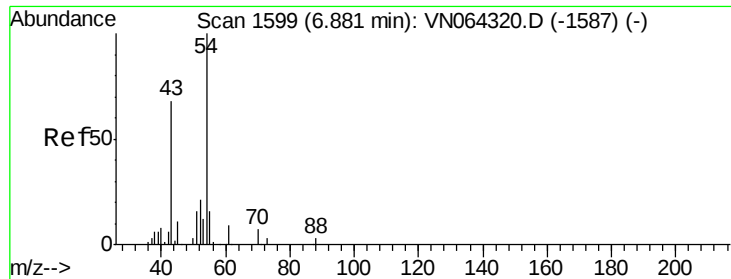
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10/28/2020 11:45:59 AM



#36
1,1-Dichloropropene
Concen: 51.462 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.8	50.3
77	29.8	24.2	36.4





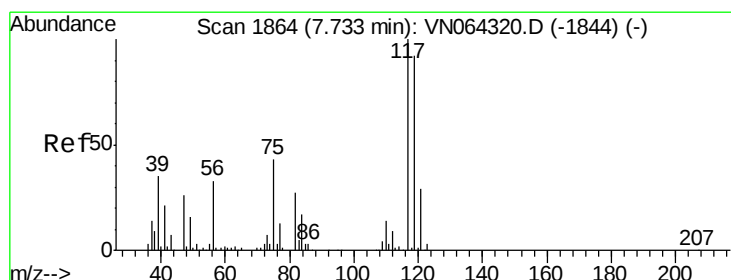
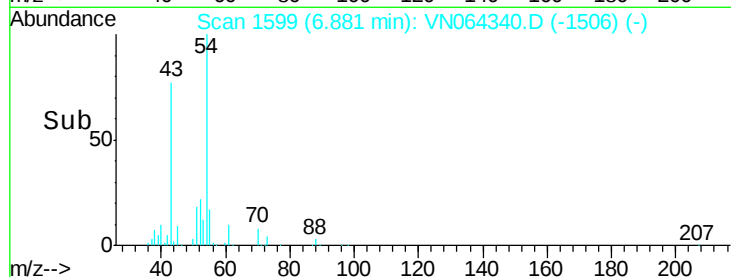
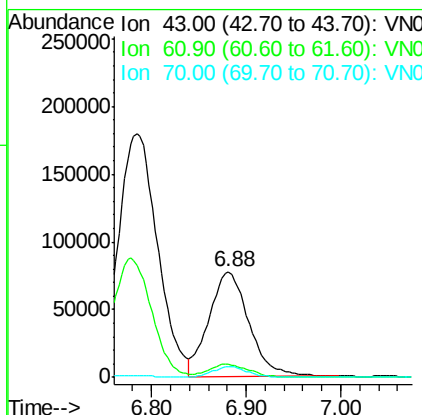
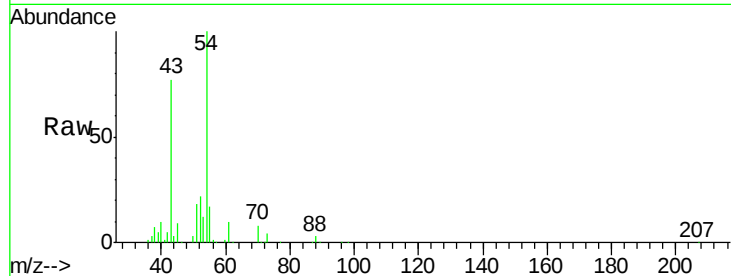
#37
Ethyl Acetate
Concen: 54.301 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	10.0	15.0
70	9.0	7.1	10.7

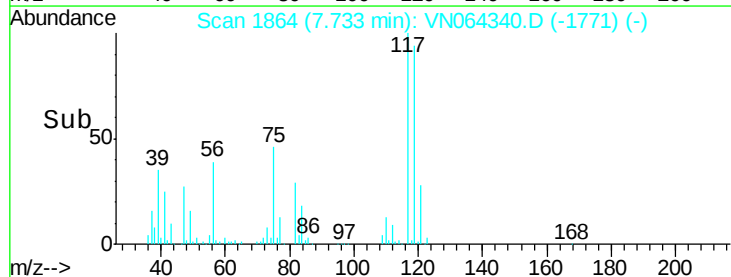
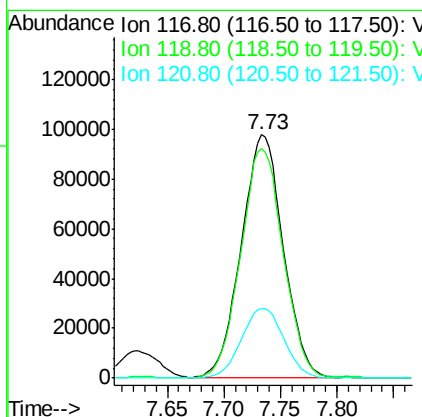
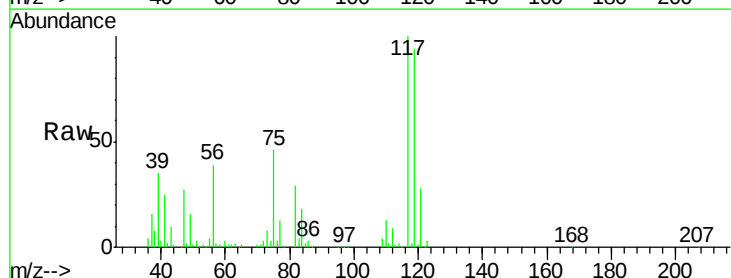
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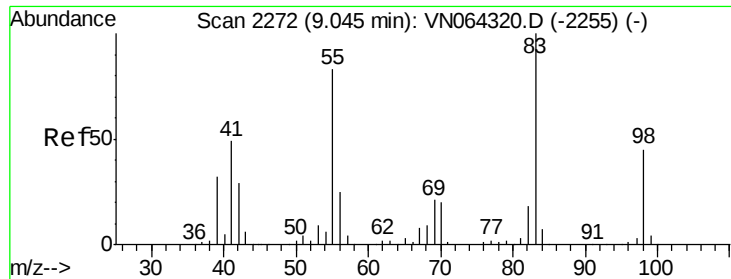
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#38
Carbon Tetrachloride
Concen: 52.025 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	73.7	110.5
121	28.6	22.8	34.2





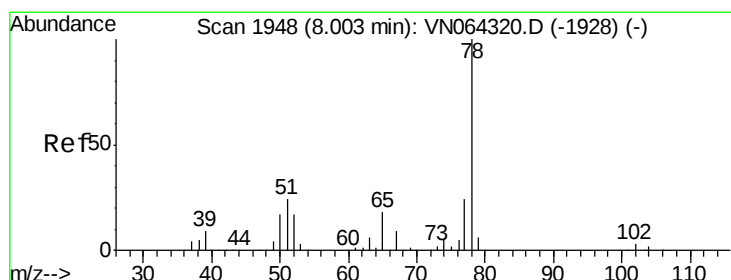
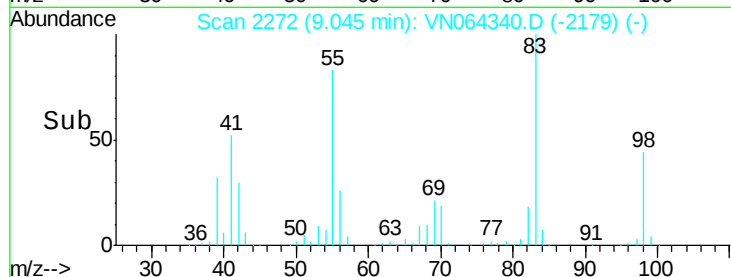
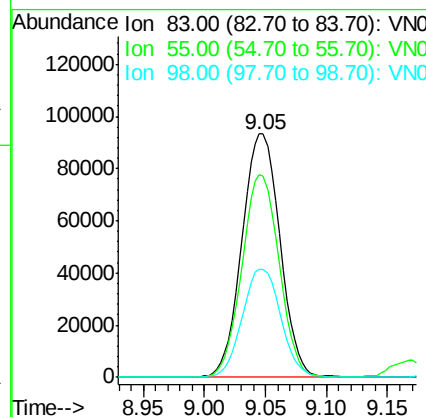
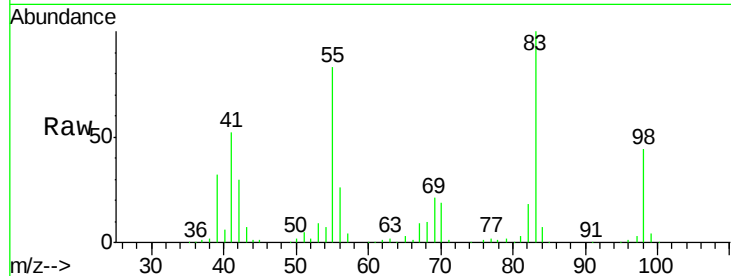
#39
Methvlcvclohexane
Concen: 48.877 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	201096
Ion Ratio	100	Lower	Upper
83	100		
55	83.2	66.2	99.4
98	44.4	36.0	54.0

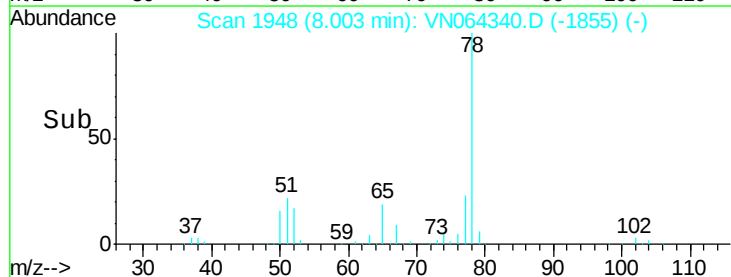
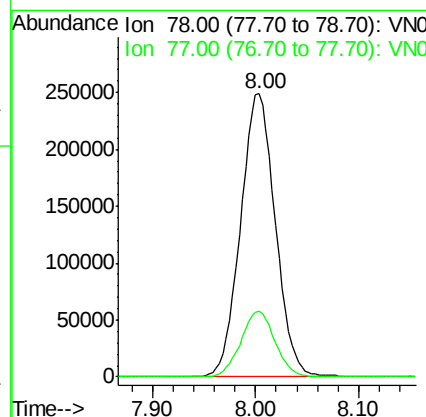
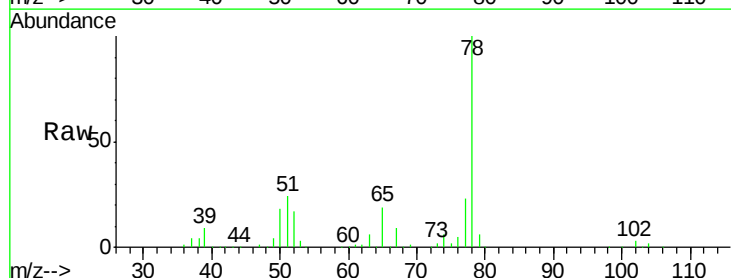
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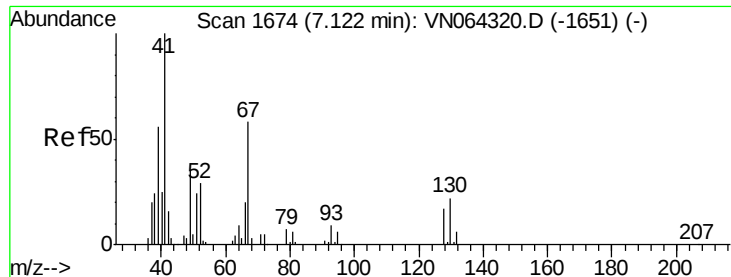
MMDadoda
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#40
Benzene
Concen: 50.498 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	78	Resp	583252
Ion Ratio	100	Lower	Upper
78	100		
77	23.3	18.8	28.2





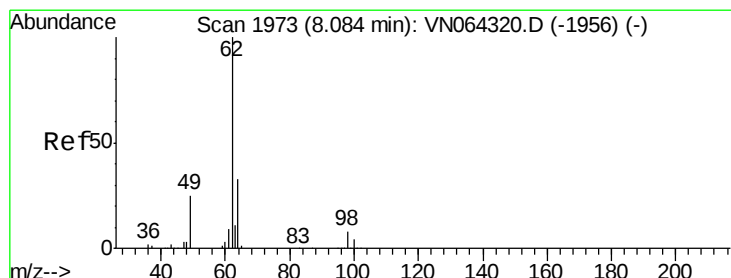
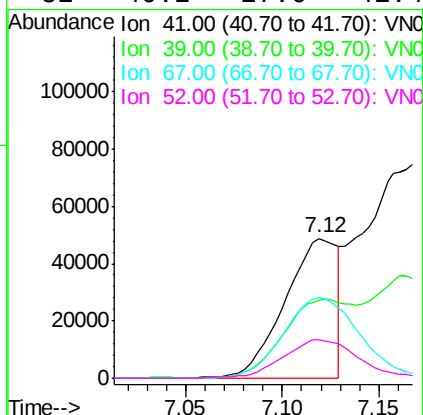
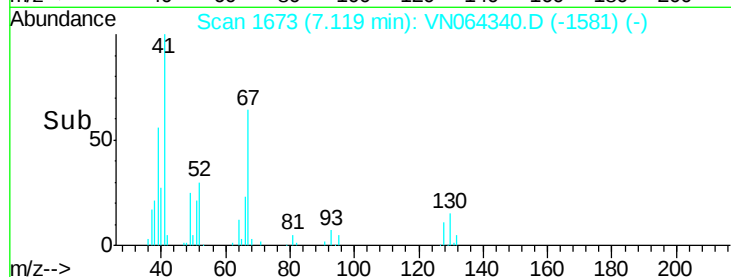
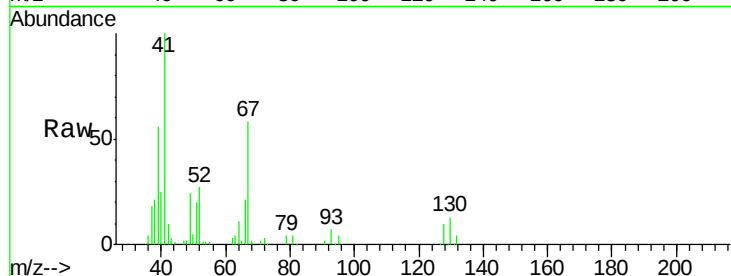
#41
Methacrylonitrile
Concen: 44.342 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	92258
Ion Ratio	Lower	Upper	
41	100		
39	74.0	48.6	72.8#
67	84.4	61.4	92.2
52	40.2	27.6	41.4

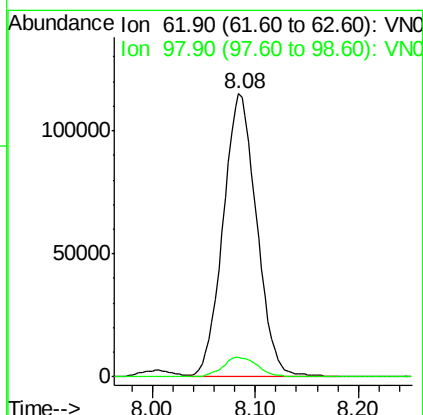
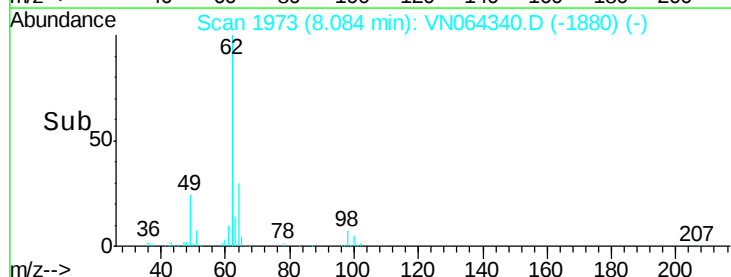
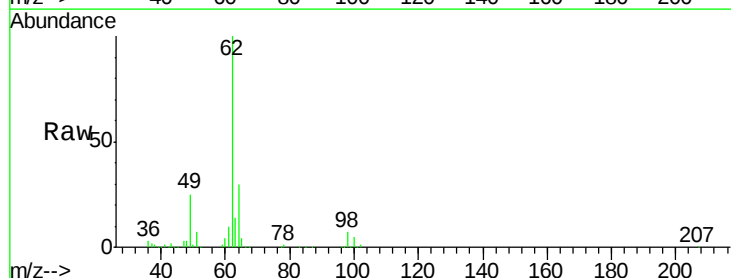
Manual Integrations
APPROVED

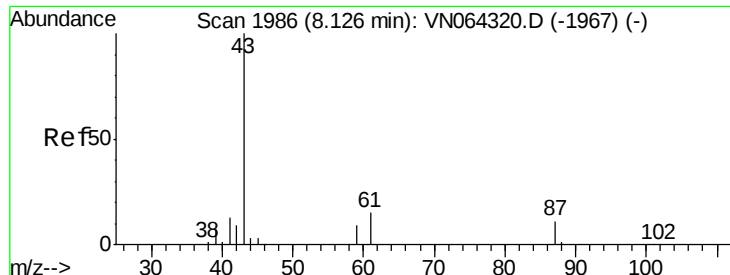
MMDadoda
10/28/2020 11:45:59 AM



#42
1,2-Dichloroethane
Concen: 51.958 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	62	Resp	259235
Ion Ratio	Lower	Upper	
62	100		
98	7.3	0.0	14.2





#43

Isopropyl Acetate

Concen: 53.533 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

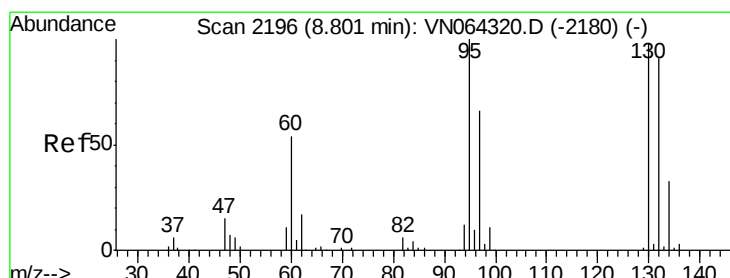
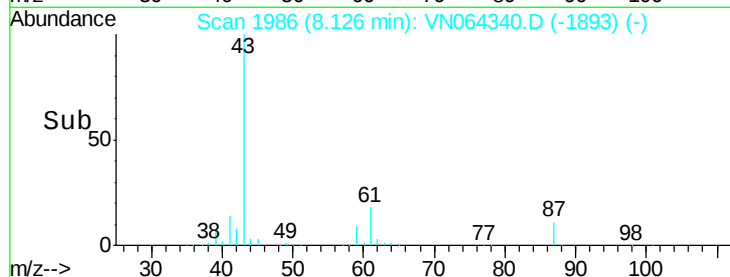
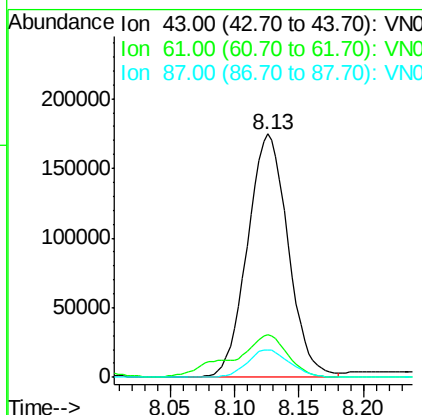
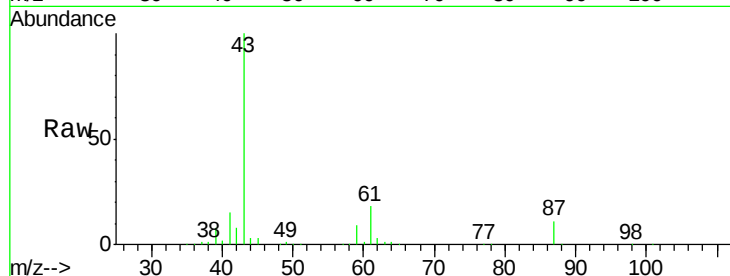
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	383552
Ion	Ratio	Lower	Upper
43	100		
61	23.4	19.1	28.7
87	11.7	9.3	13.9

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#44

Trichloroethene

Concen: 51.569 ug/l

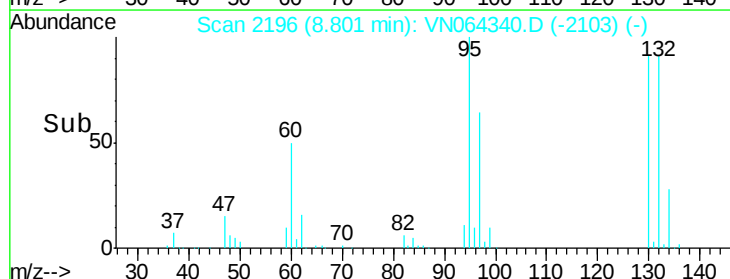
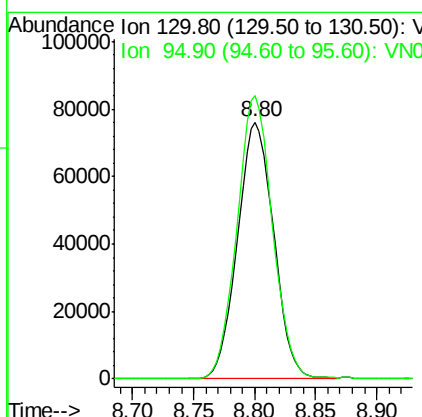
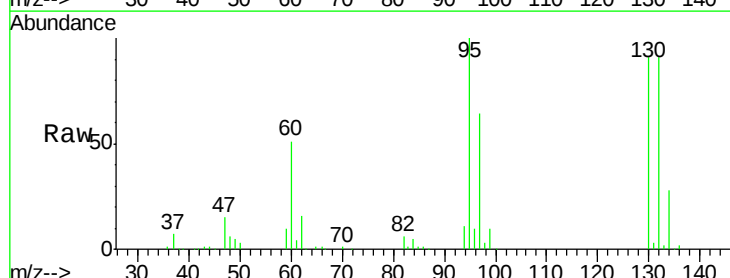
RT: 8.80 min Scan# 2196

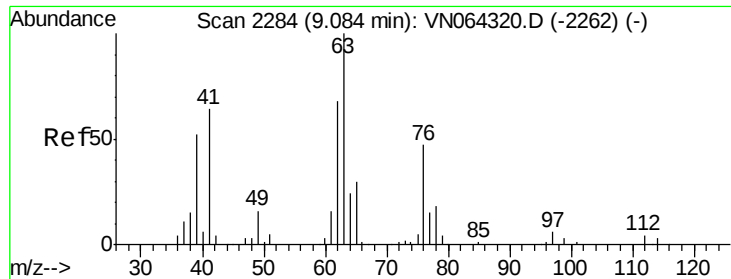
Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion:	130	Resp:	156031
Ion	Ratio	Lower	Upper
130	100		
95	110.3	0.0	203.6





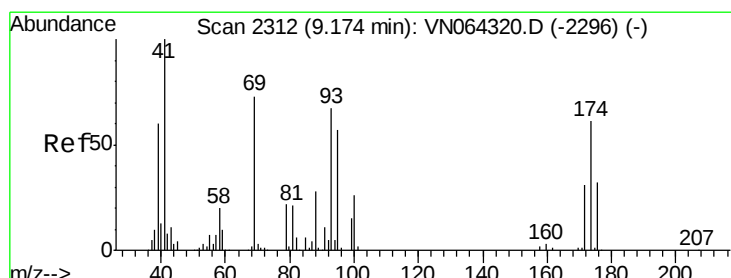
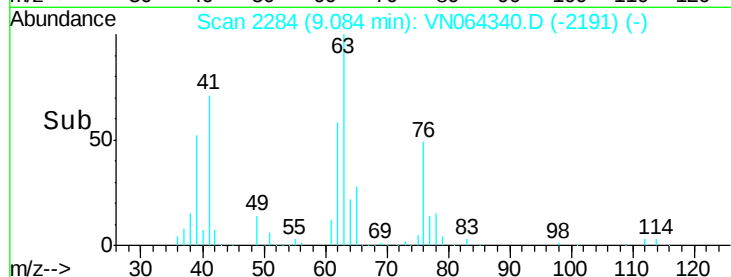
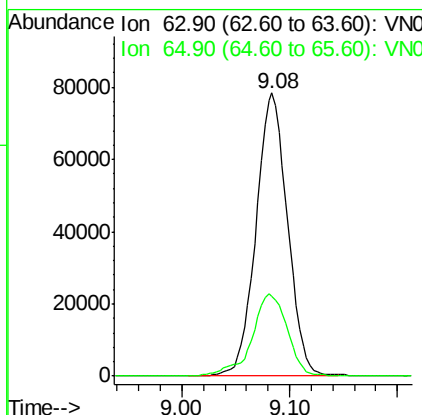
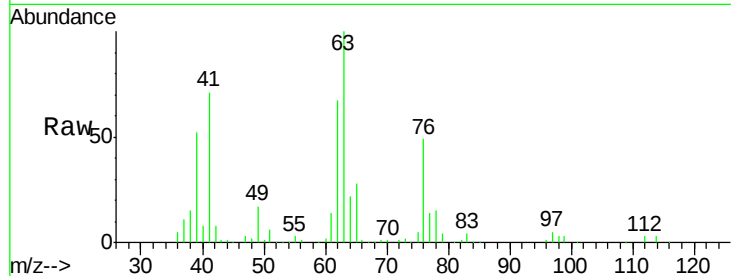
#45
 1,2-Dichloropropane
 Concen: 51.270 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 158575
 Ion Ratio Lower Upper
 63 100
 65 28.2 24.3 36.5

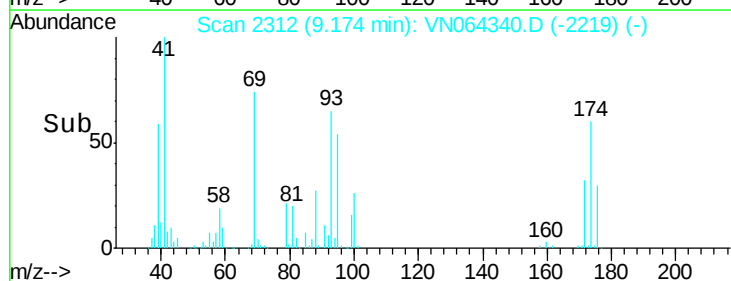
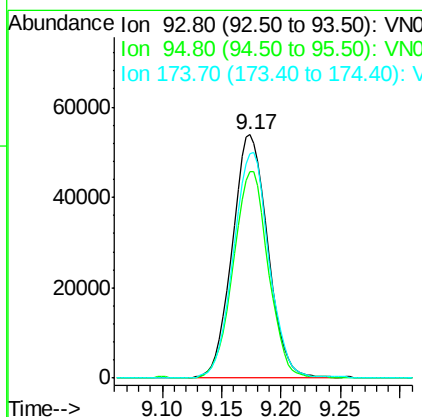
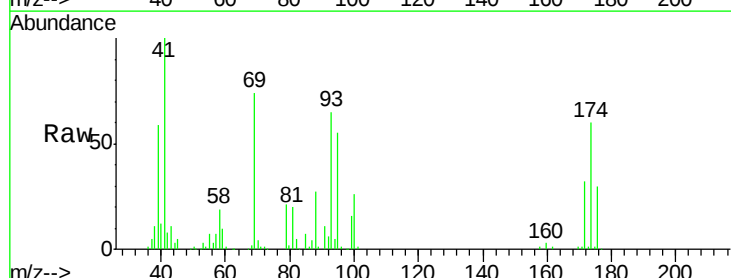
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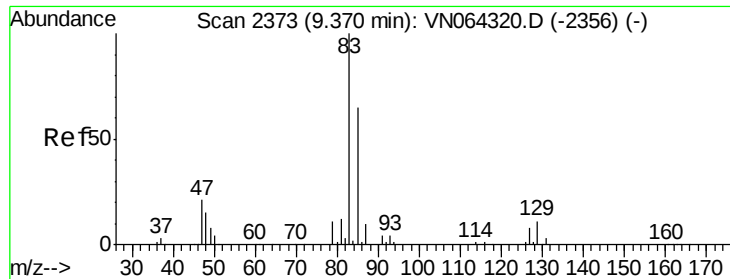
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#46
 Dibromomethane
 Concen: 51.604 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion: 93 Resp: 111657
 Ion Ratio Lower Upper
 93 100
 95 83.3 64.4 96.6
 174 92.8 71.4 107.0





#47

Bromodichloromethane

Concen: 49.262 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

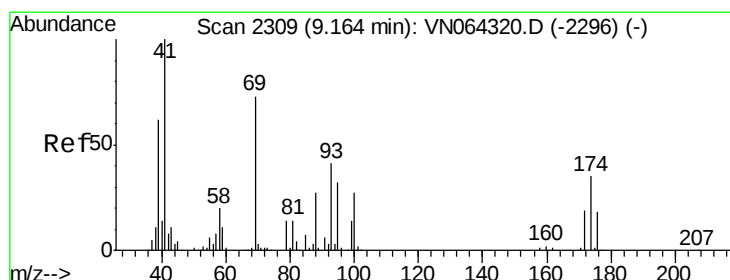
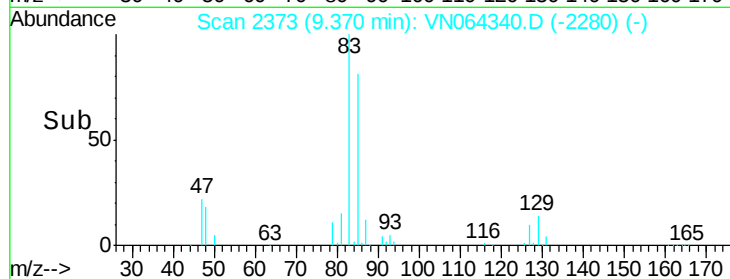
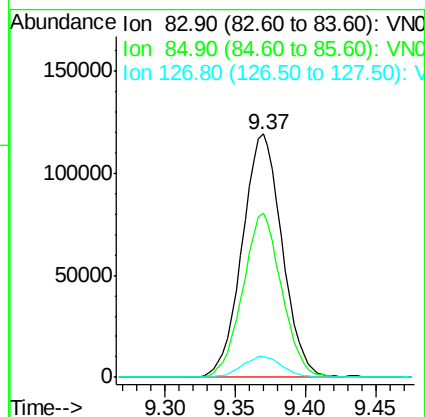
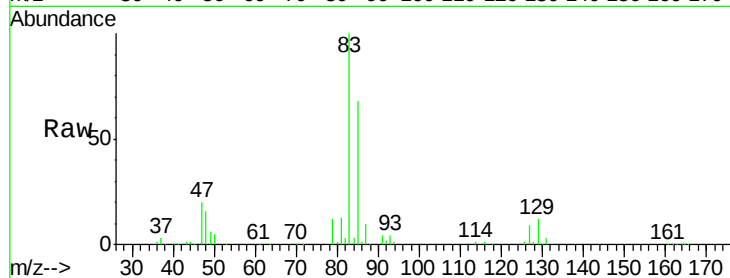
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	236221
Ion Ratio	Lower	Upper	
83	100		
85	67.6	52.1	78.1
127	8.7	6.7	10.1

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#48

Methyl methacrylate

Concen: 50.956 ug/l

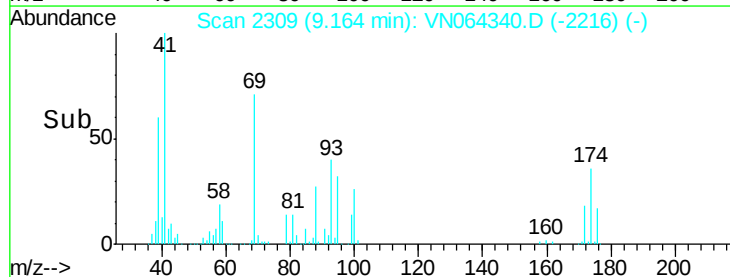
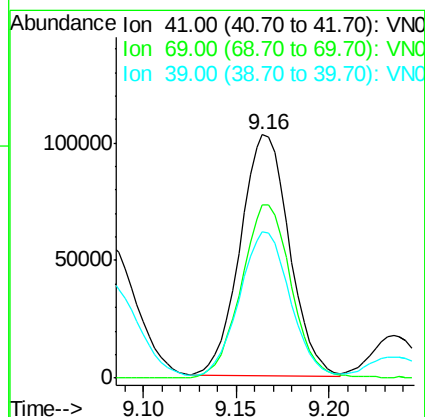
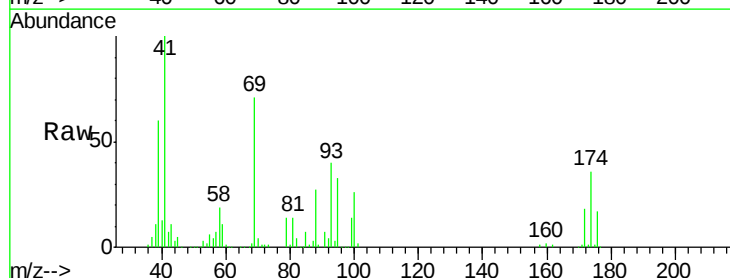
RT: 9.16 min Scan# 2309

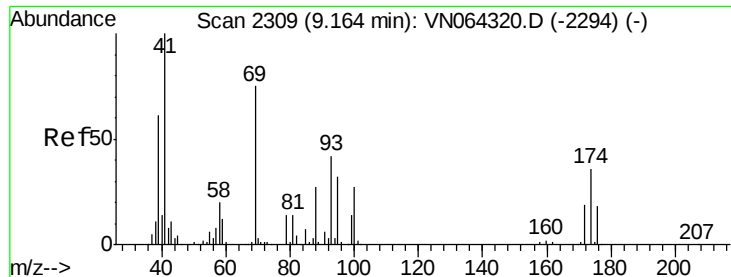
Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion:	41	Resp:	188363
Ion Ratio	Lower	Upper	
41	100		
69	73.7	59.1	88.7
39	62.7	51.3	76.9





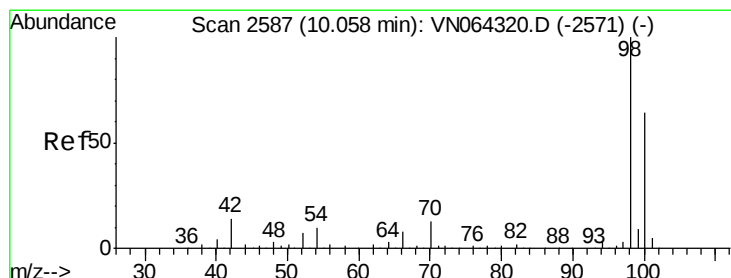
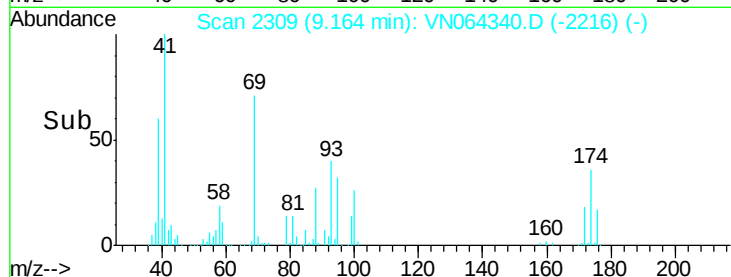
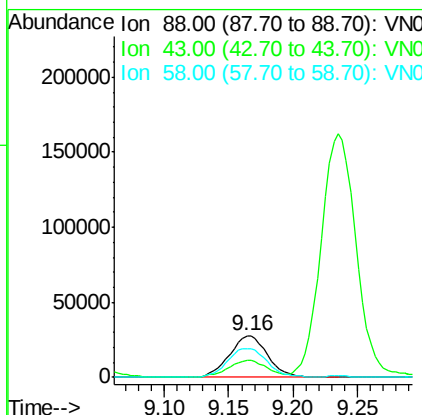
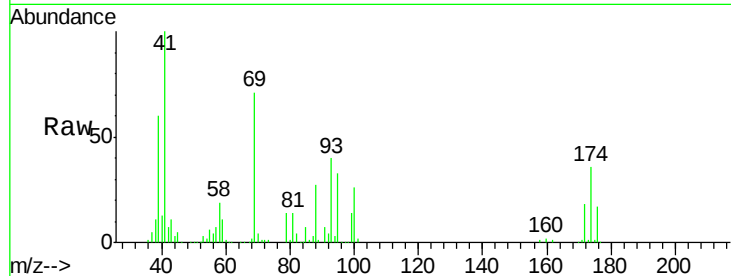
#49
1,4-Dioxane
Concen: 1045.193 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	31.8	47.8
58	72.4	60.3	90.5

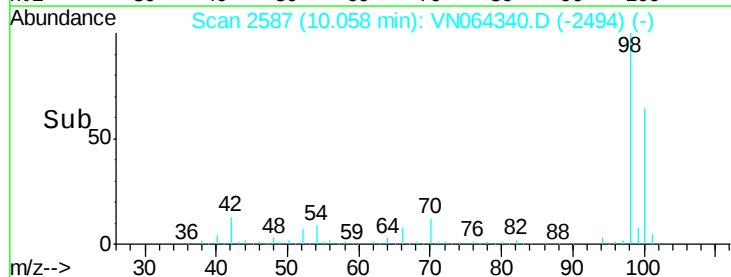
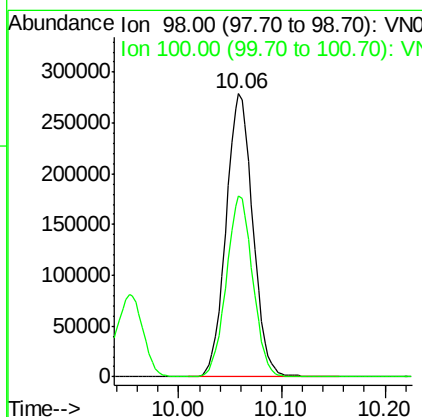
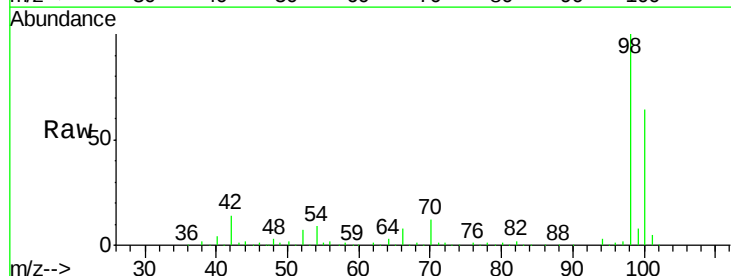
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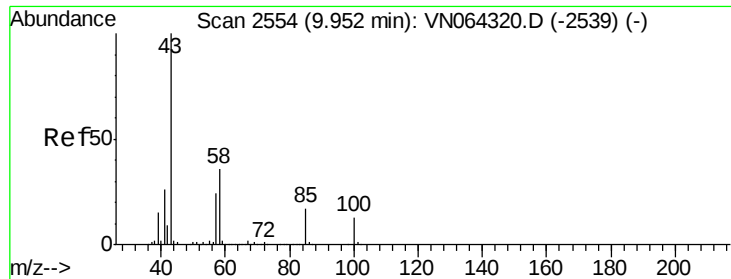
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#50
Toluene-d8
Concen: 49.750 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.9	76.3





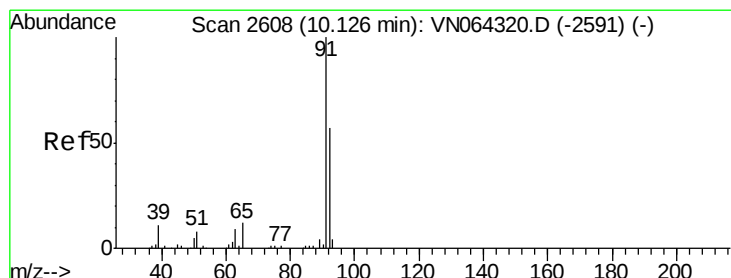
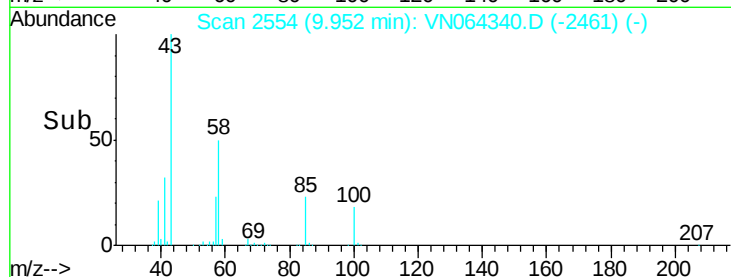
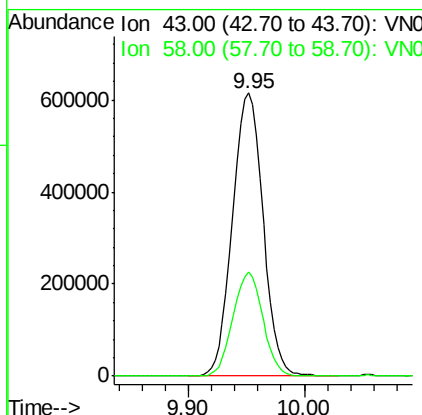
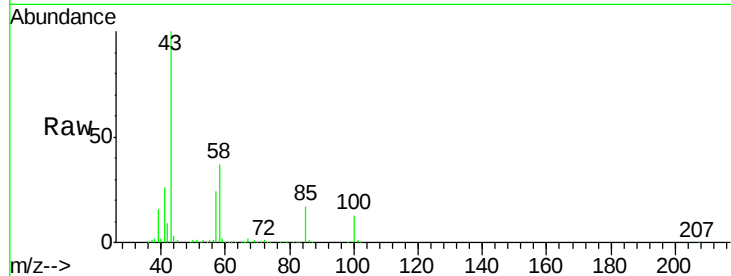
#51
 4-Methyl-2-Pentanone
 Concen: 269.080 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1120648
 Ion Ratio Lower Upper
 43 100
 58 36.0 28.6 42.8

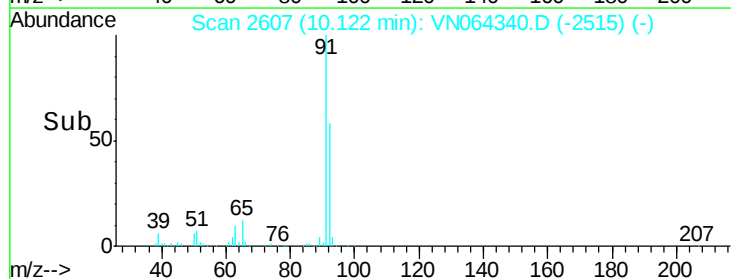
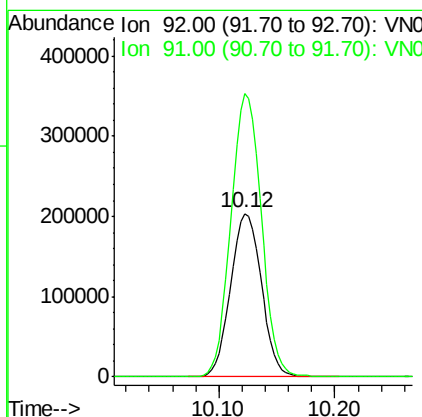
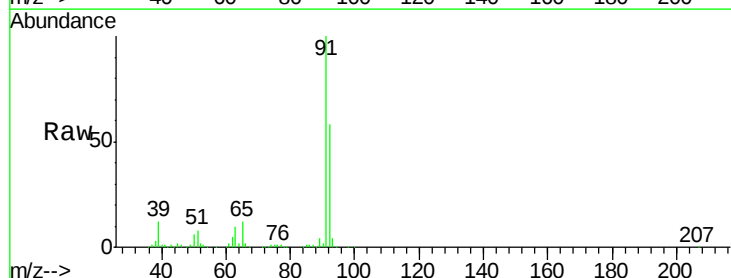
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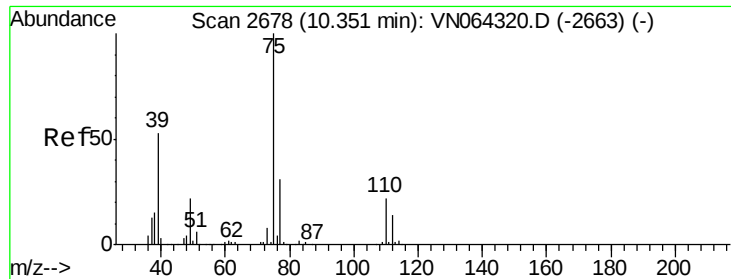
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#52
 Toluene
 Concen: 51.338 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion: 92 Resp: 374164
 Ion Ratio Lower Upper
 92 100
 91 171.6 139.9 209.9





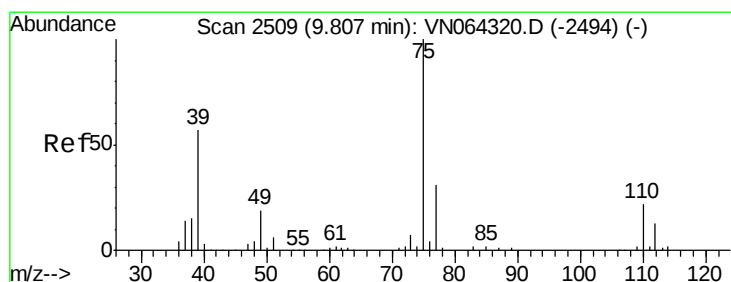
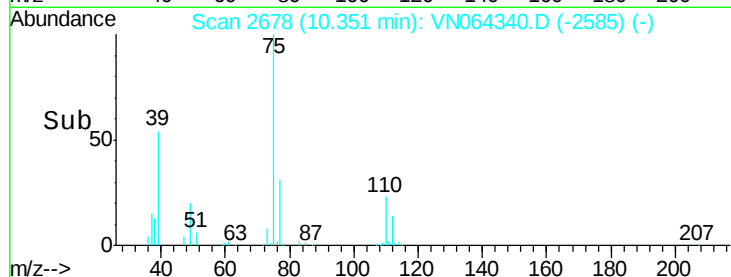
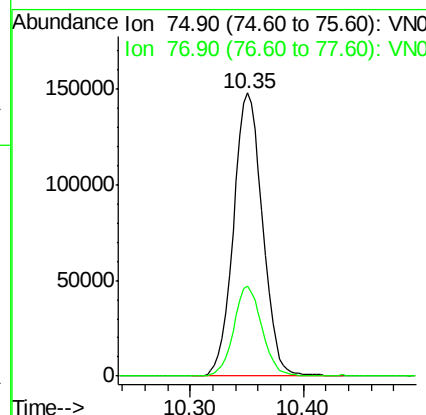
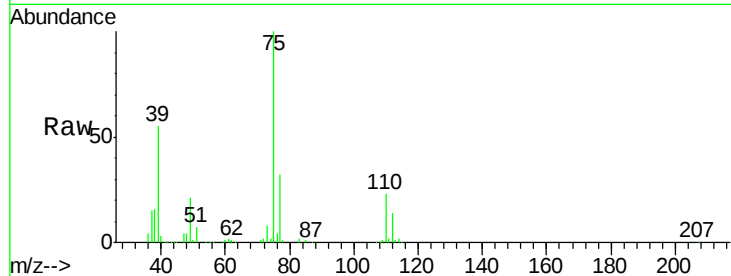
#53
 t-1,3-Dichloropropene
 Concen: 52.096 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 264141
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.8 37.2

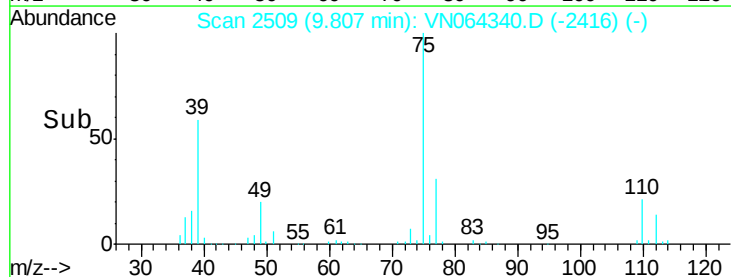
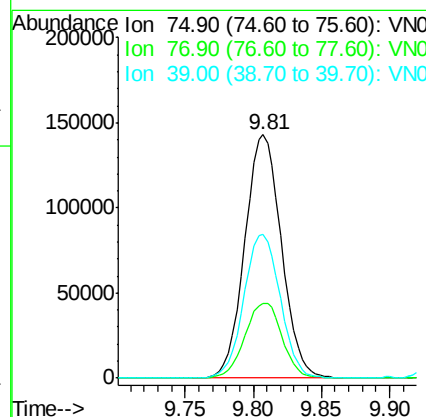
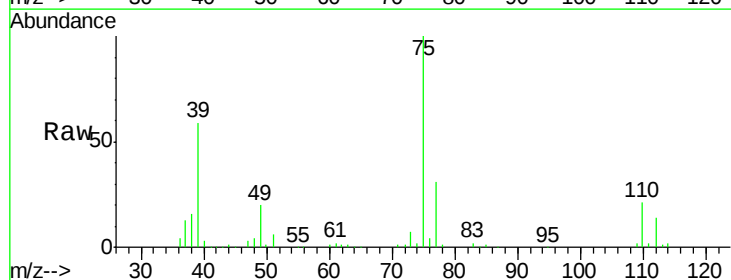
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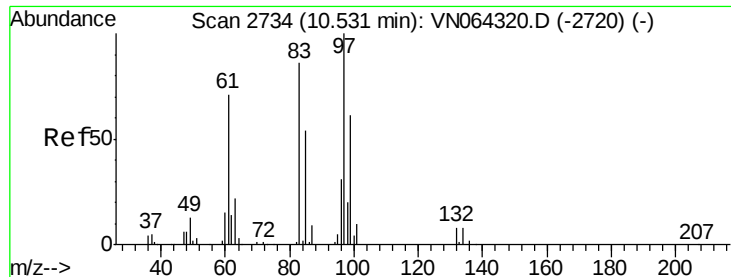
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#54
 cis-1,3-Dichloropropene
 Concen: 51.106 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion: 75 Resp: 266735
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4
 39 58.9 45.5 68.3





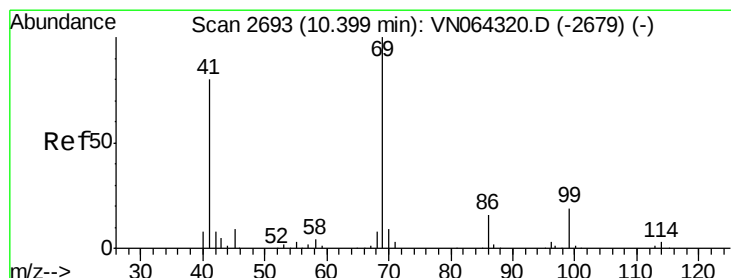
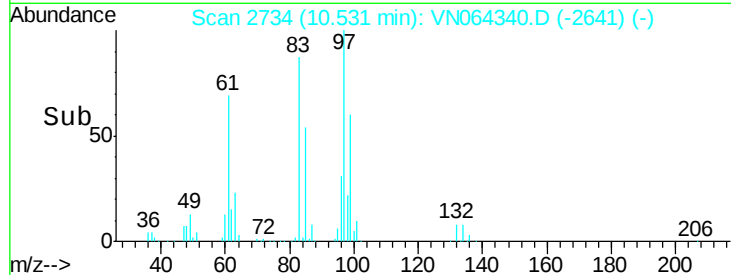
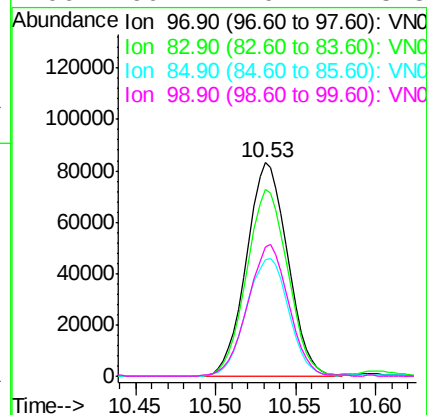
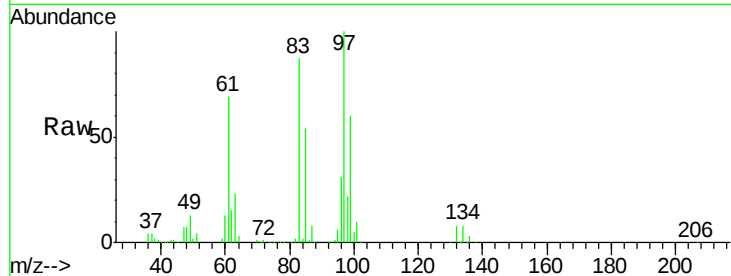
#55
 1,1,2-Trichloroethane
 Concen: 50.921 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	146497
Ion	Ratio	Lower	Upper
97	100		
83	87.4	68.9	103.3
85	54.4	43.6	65.4
99	60.4	49.2	73.8

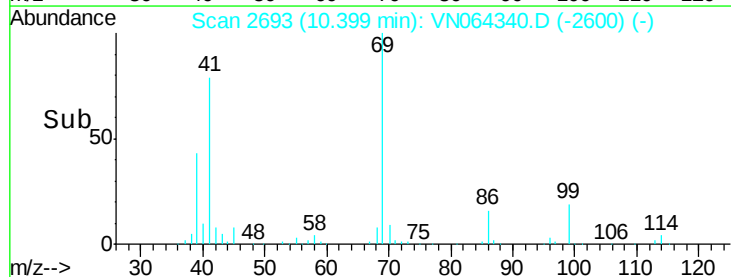
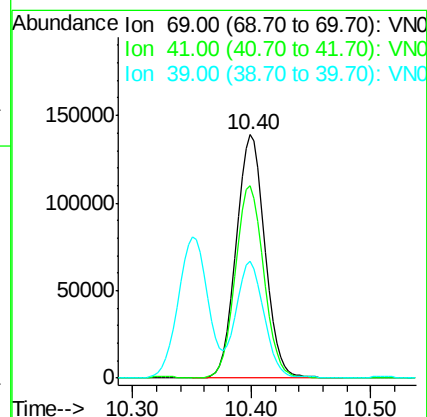
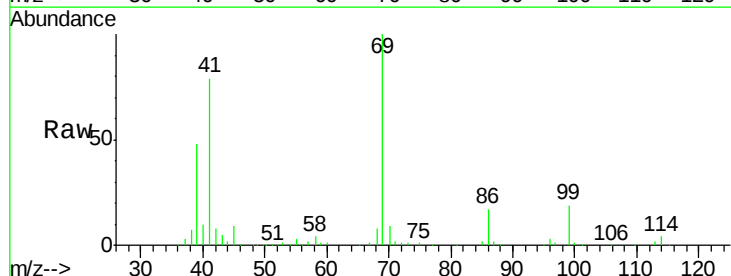
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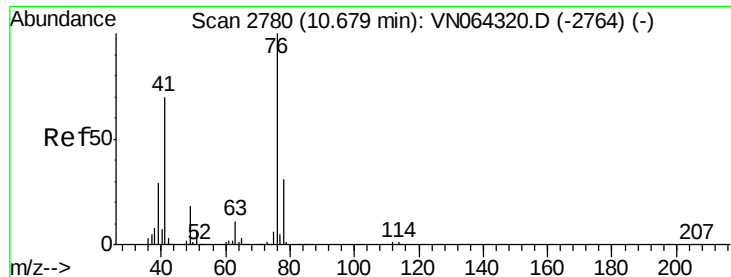
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#56
 Ethyl methacrylate
 Concen: 53.460 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion:	69	Resp:	232817
Ion	Ratio	Lower	Upper
69	100		
41	78.0	61.4	92.2
39	46.5	36.5	54.7





#57

1,3-Dichloropropane

Concen: 53.776 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 263909

Ion Ratio Lower Upper

76 100

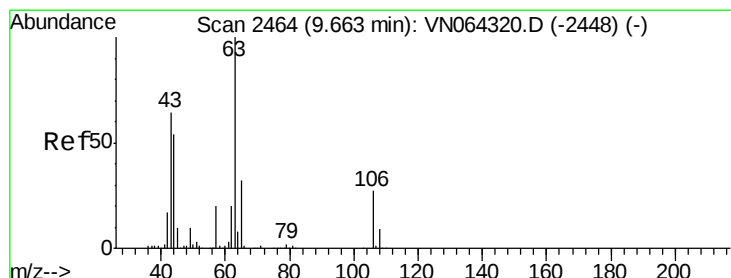
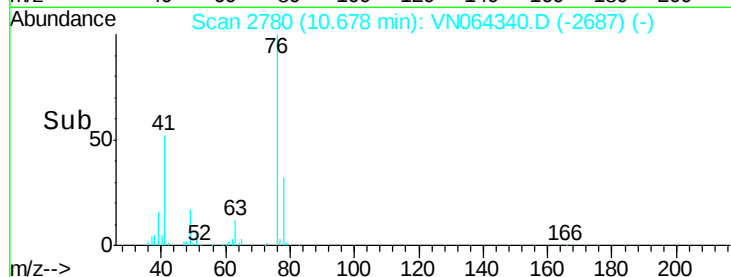
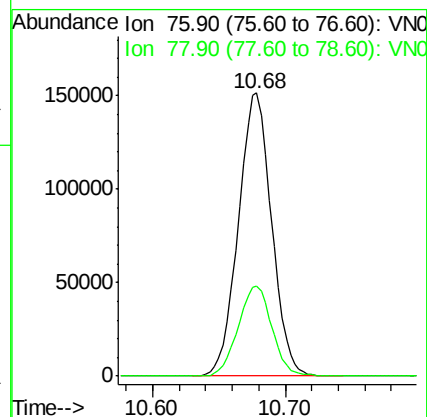
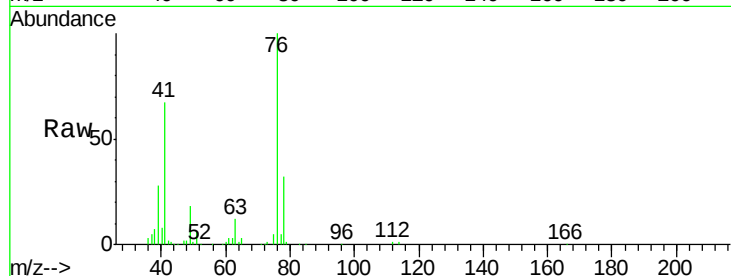
78 32.5 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 242.930 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064340.D

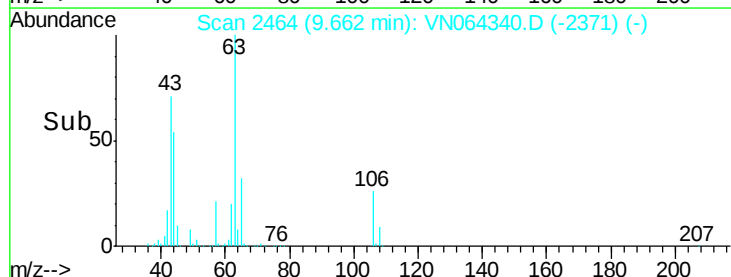
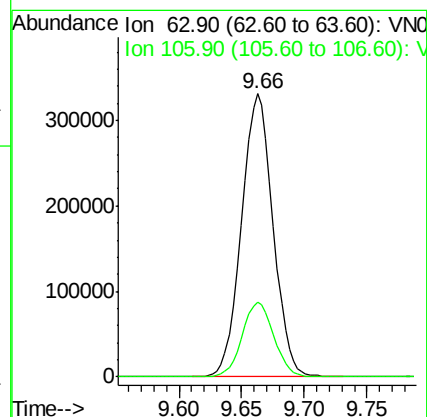
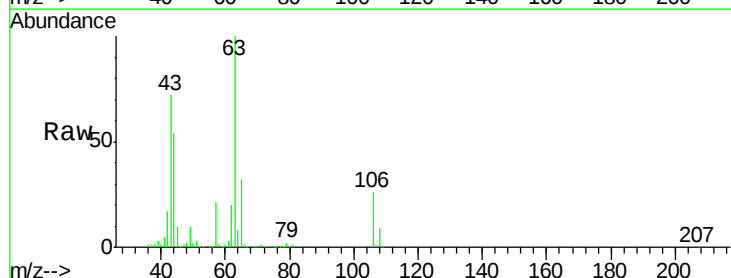
Acq: 27 Oct 2020 20:48

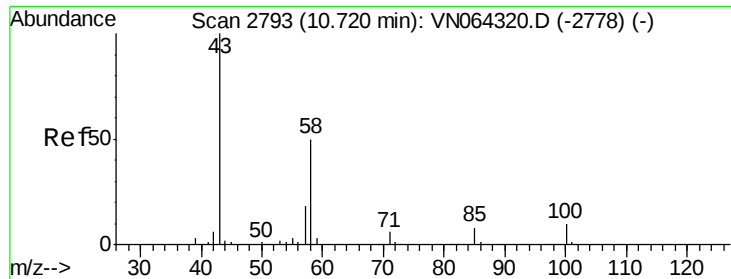
Tgt Ion: 63 Resp: 577318

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.4





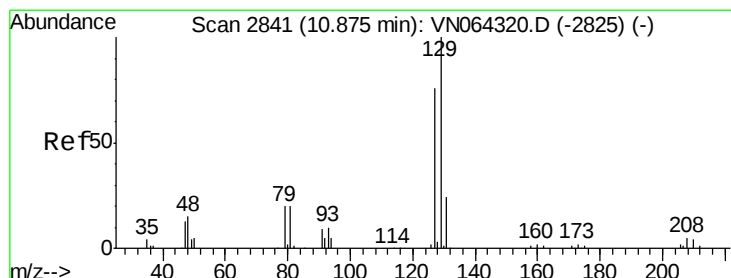
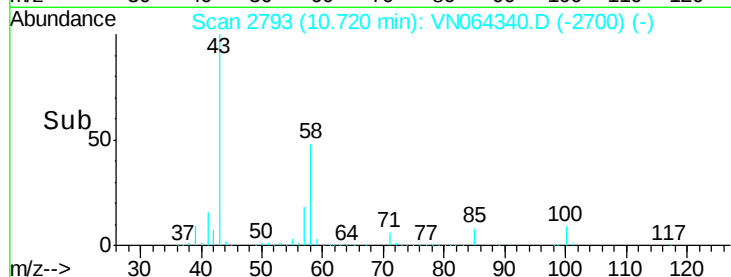
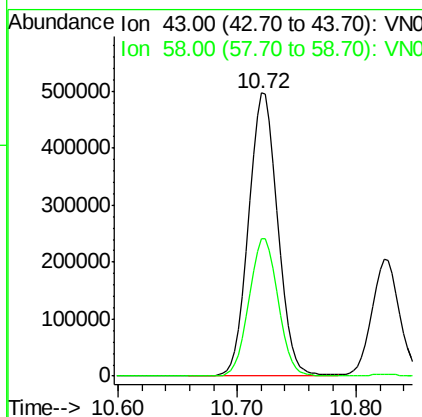
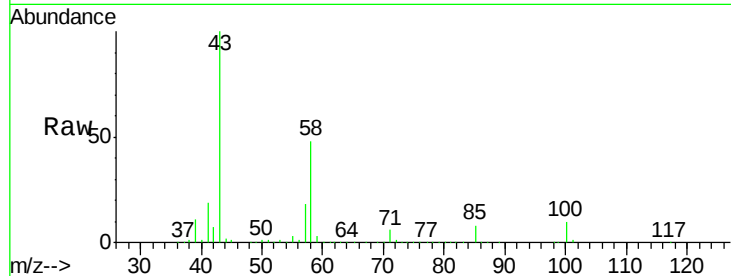
#59
2-Hexanone
Concen: 274.629 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 842379
Ion Ratio Lower Upper
43 100
58 48.8 25.0 75.0

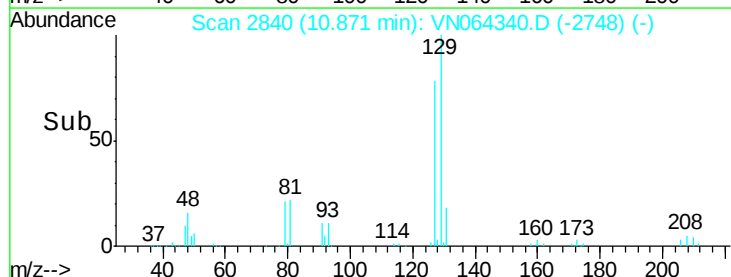
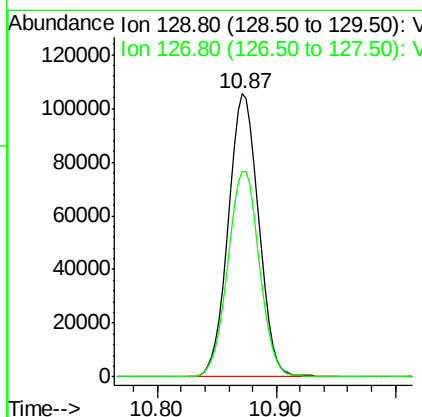
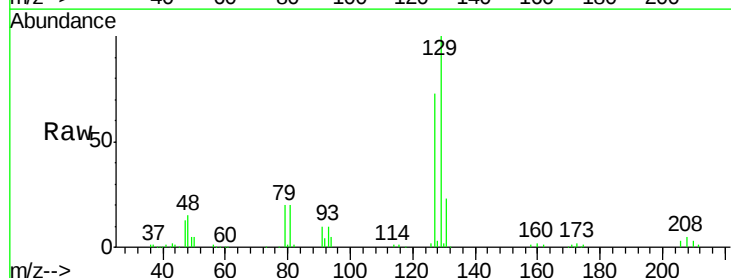
Manual Integrations
APPROVED

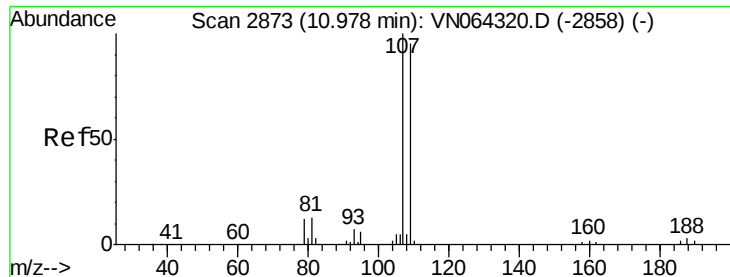
MMDadoda
10/28/2020 11:45:59 AM



#60
Dibromochloromethane
Concen: 54.889 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion: 129 Resp: 186707
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.3





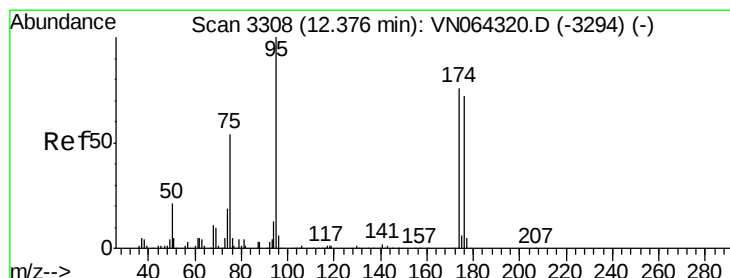
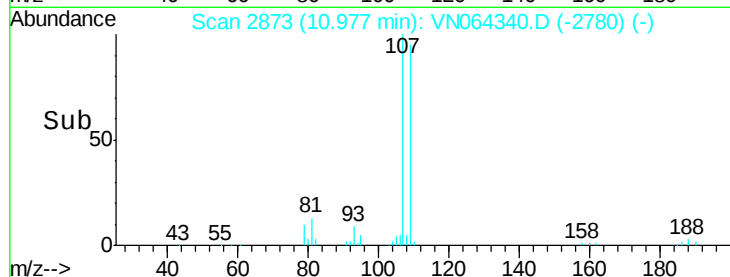
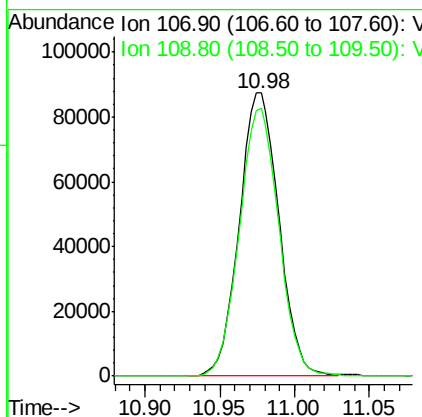
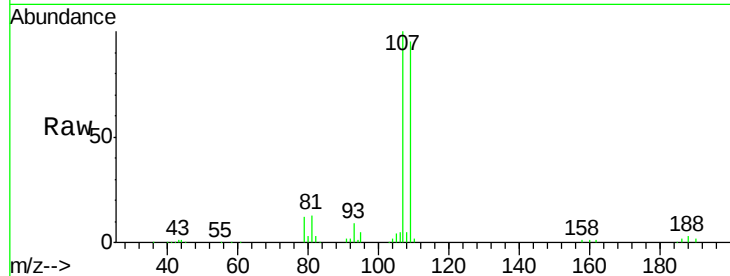
#61
 1,2-Dibromoethane
 Concen: 54.875 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.8	113.8

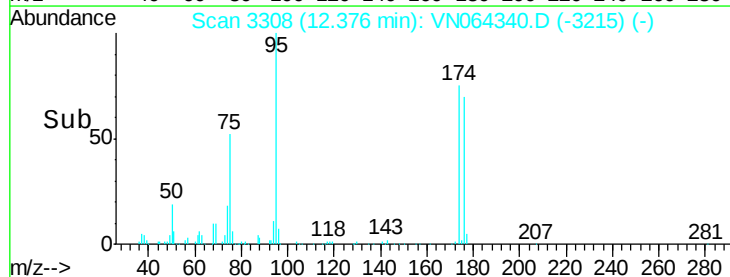
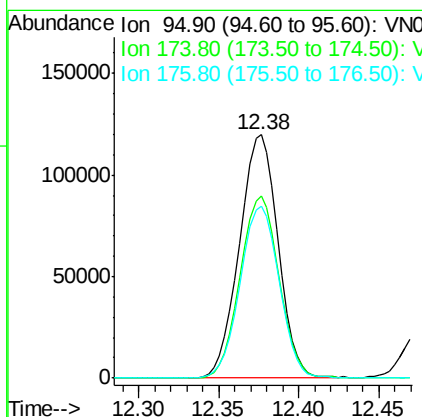
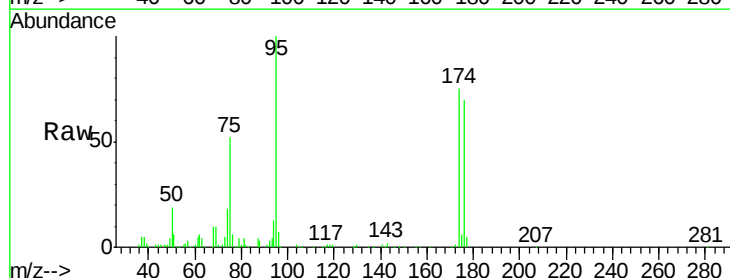
Manual Integrations
 APPROVED

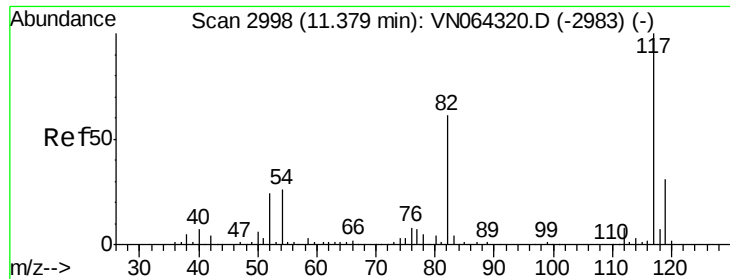
MMDadoda
 10/28/2020 11:45:59 AM



#62
 4-Bromofluorobenzene
 Concen: 49.859 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	147.4
176	71.5	0.0	143.6





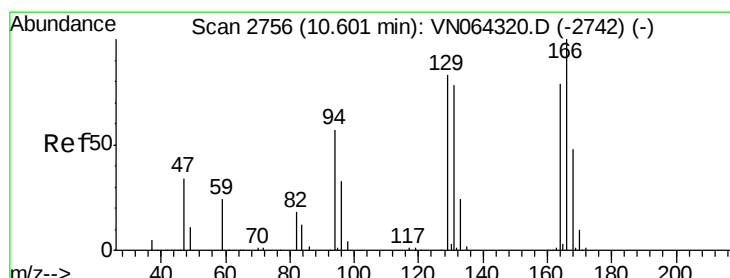
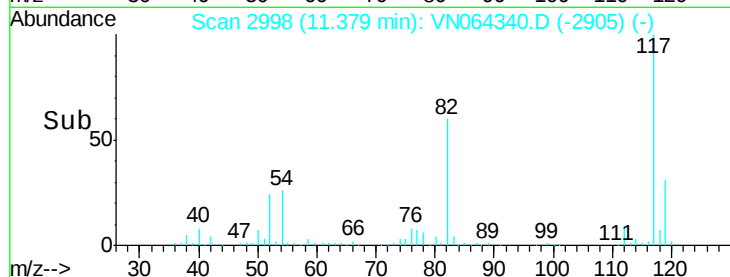
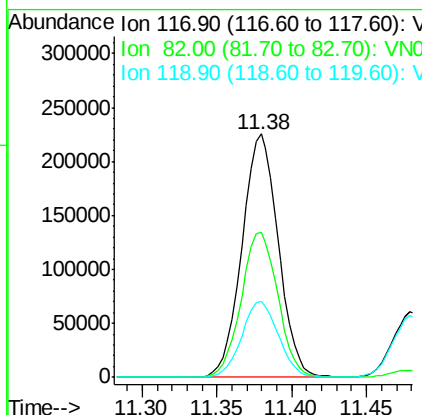
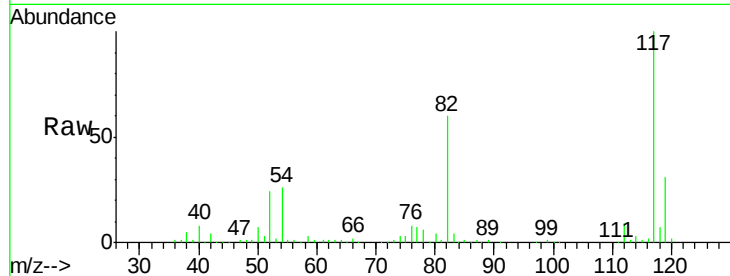
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	48.8	73.2
119	31.2	25.1	37.7

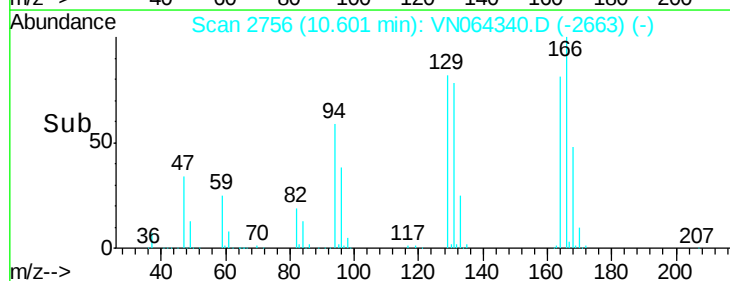
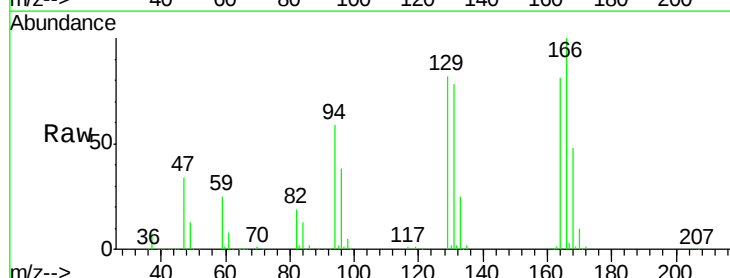
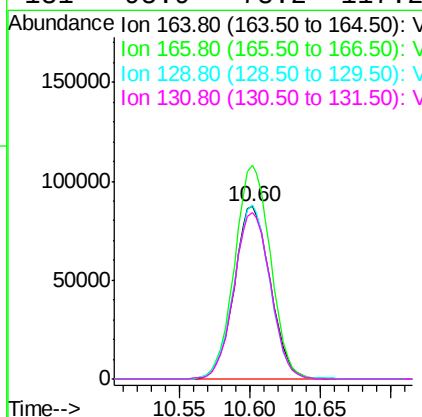
Manual Integrations
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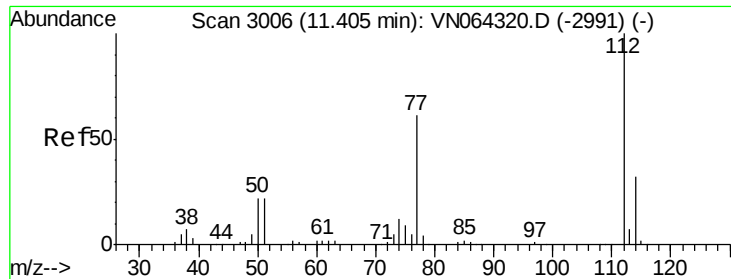
MMDadoda
10/28/2020 11:45:59 AM



#64
Tetrachloroethene
Concen: 49.968 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	100.7	151.1
129	100.9	83.7	125.5
131	95.9	78.2	117.2





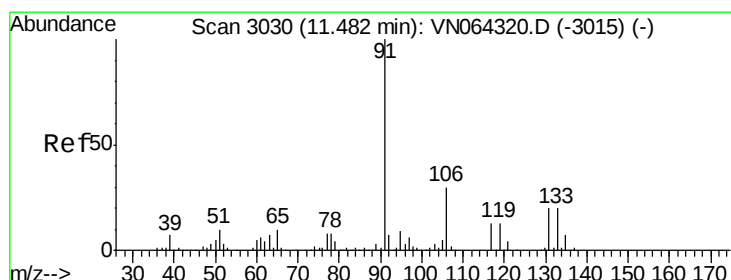
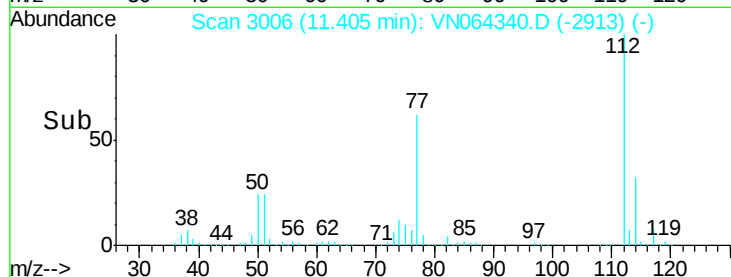
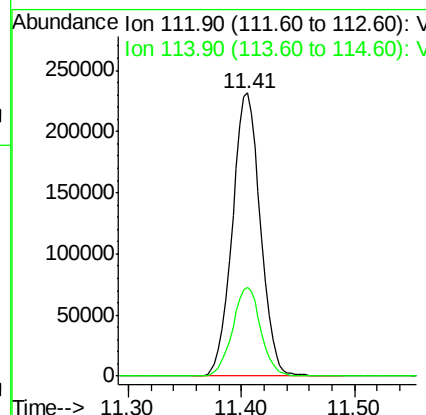
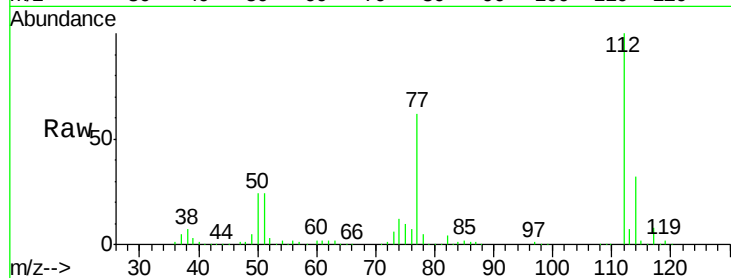
#65
Chlorobenzene
Concen: 51.647 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 398915
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

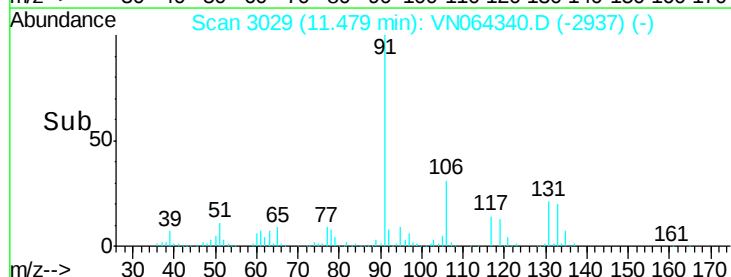
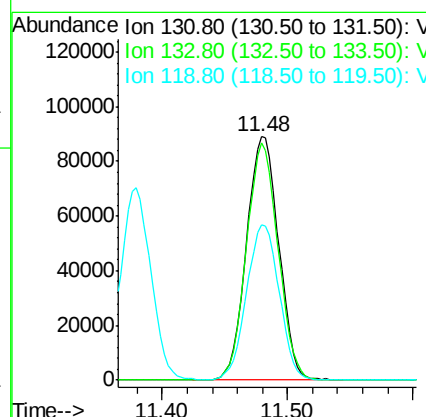
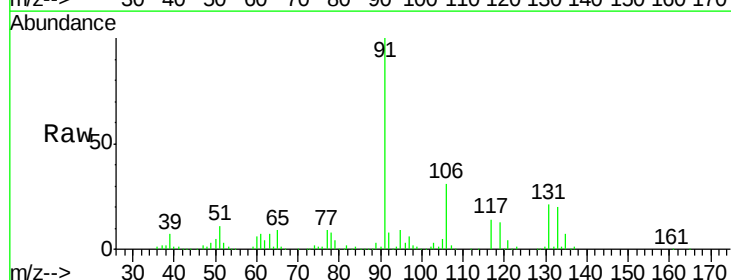
Manual Integrations
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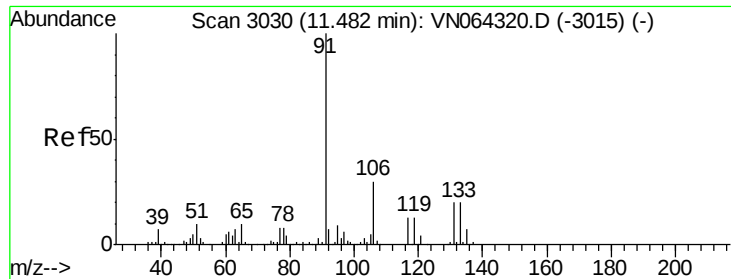
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.062 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion:131 Resp: 159407
Ion Ratio Lower Upper
131 100
133 95.4 49.3 147.8
119 64.8 32.3 96.9





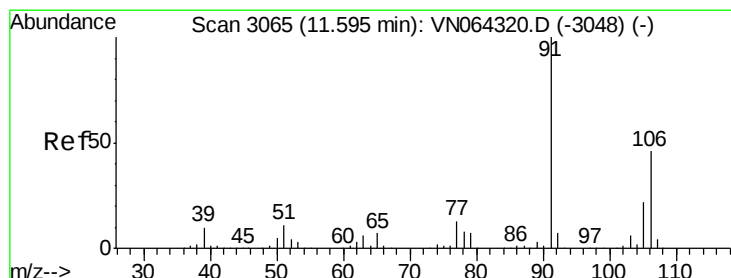
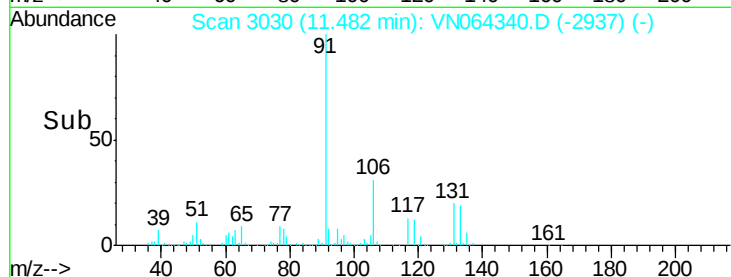
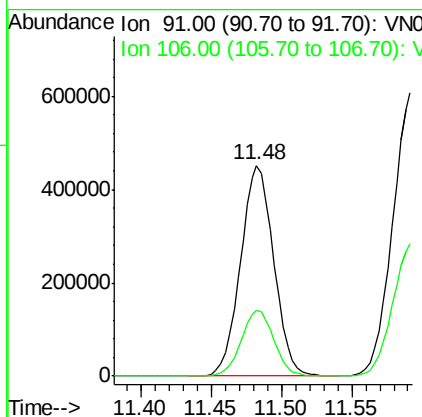
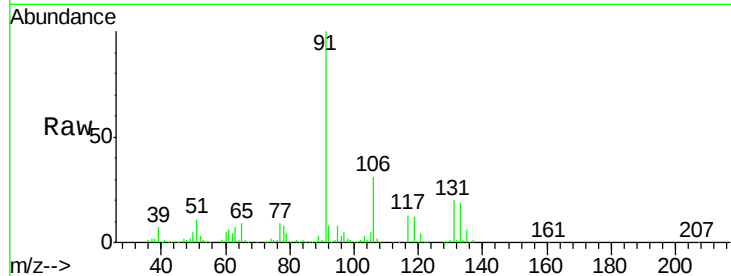
#67
Ethyl Benzene
Concen: 51.849 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 744543
Ion Ratio Lower Upper
91 100
106 31.4 23.7 35.5

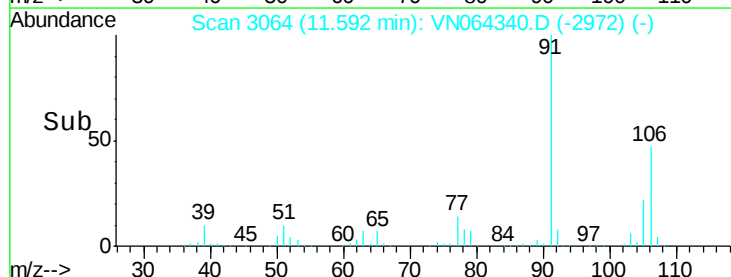
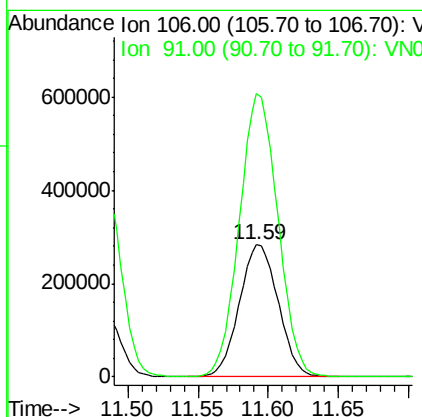
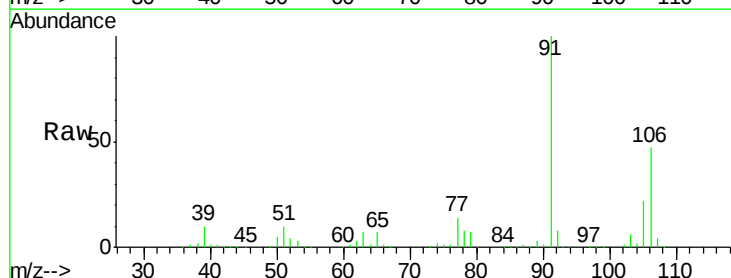
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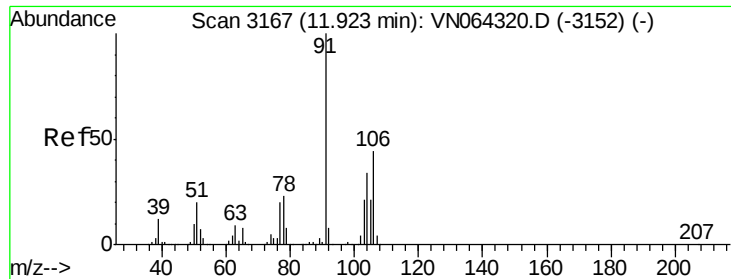
MMDadoda
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#68
m/p-Xylenes
Concen: 102.526 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion: 106 Resp: 545600
Ion Ratio Lower Upper
106 100
91 212.8 170.2 255.4





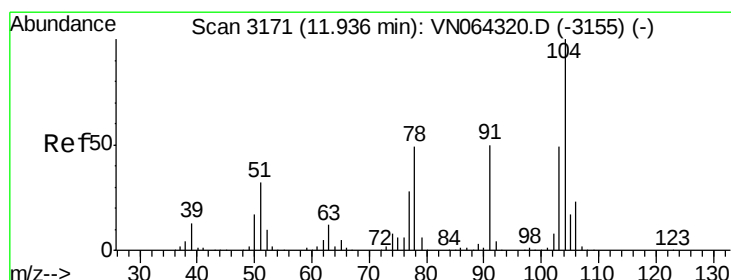
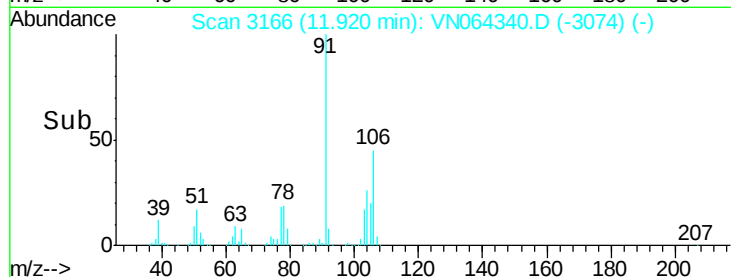
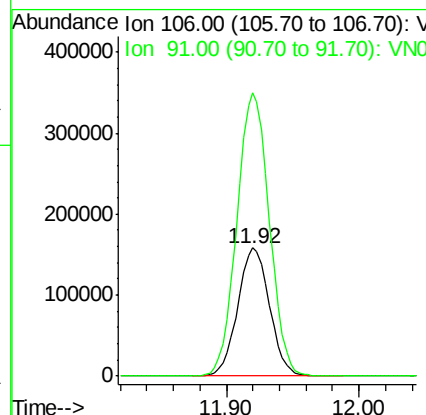
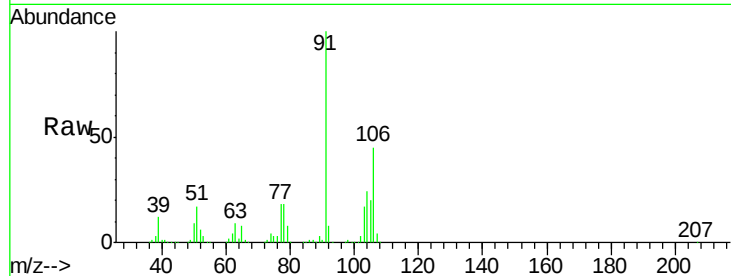
#69
o-Xylene
Concen: 51.419 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		263621		
91	225.4	114.5	343.5		

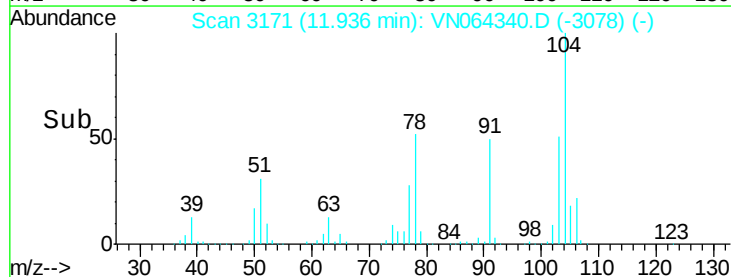
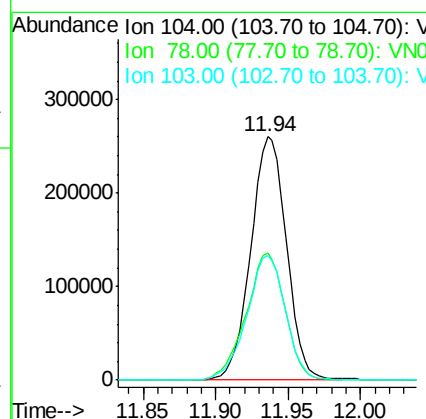
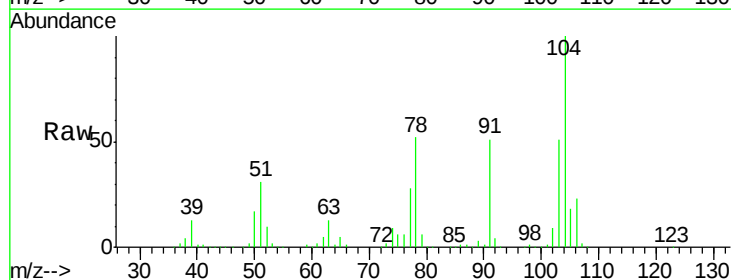
Manual Integrations
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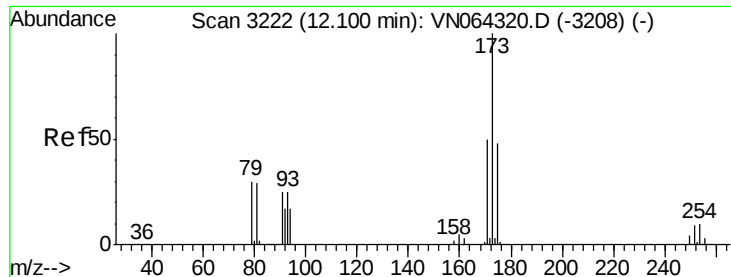
MMDadoda
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#70
Styrene
Concen: 53.223 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		447393		
78	56.9	43.7	65.5		
103	55.3	43.3	64.9		





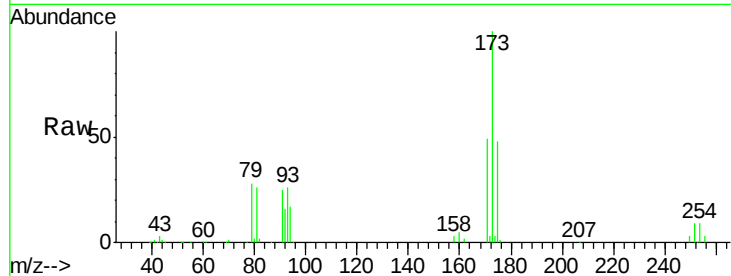
#71
Bromoform
Concen: 53.885 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	25.4	76.0
254	0.0	0.0	0.0

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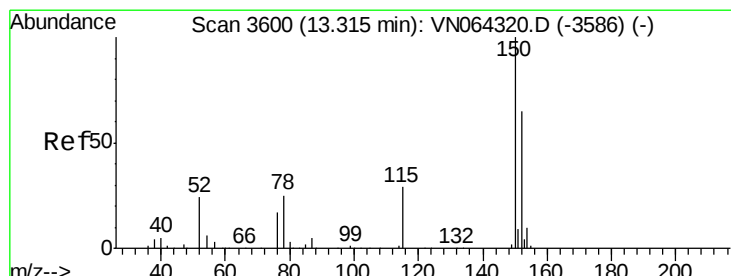
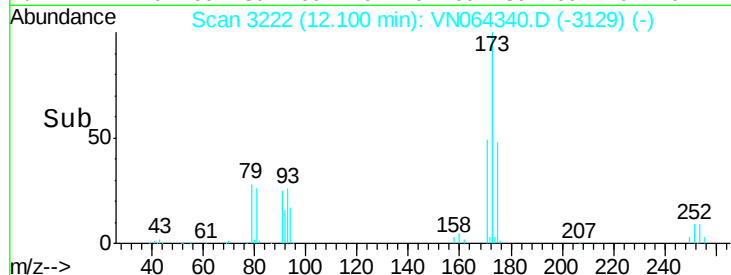
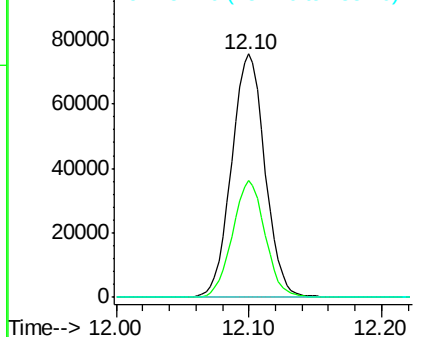


Abundance

Ion 172.70 (172.40 to 173.40): V

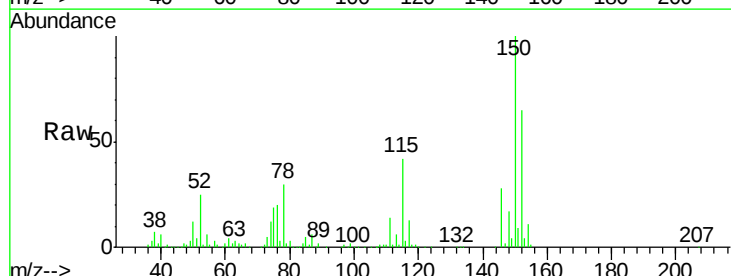
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	31.5	94.5
150	167.1	0.0	346.2

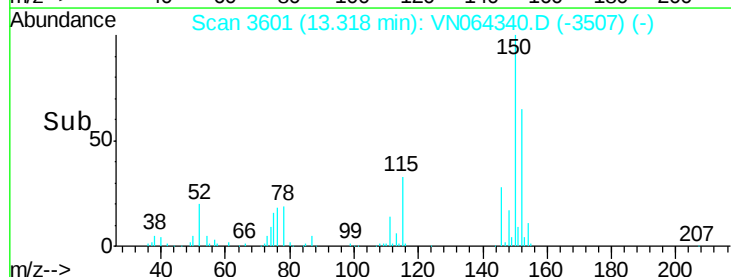
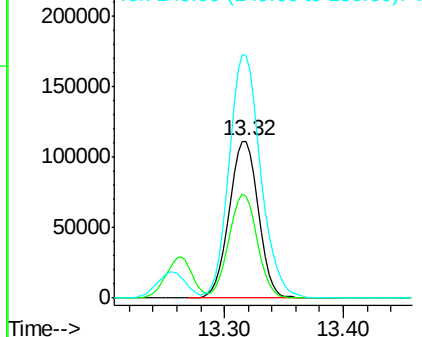


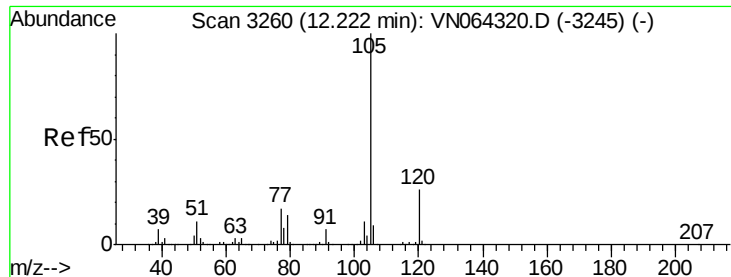
Abundance

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: 49.454 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 702097

Ion Ratio Lower Upper

105 100

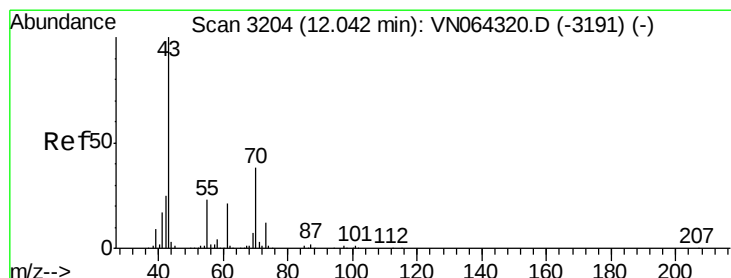
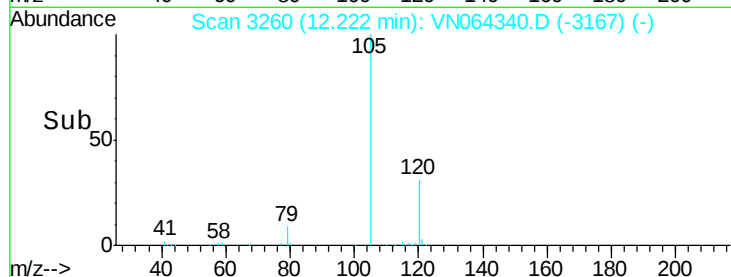
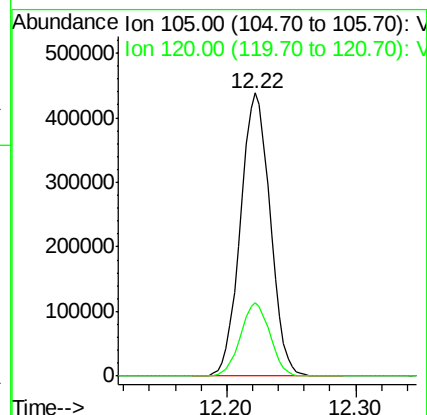
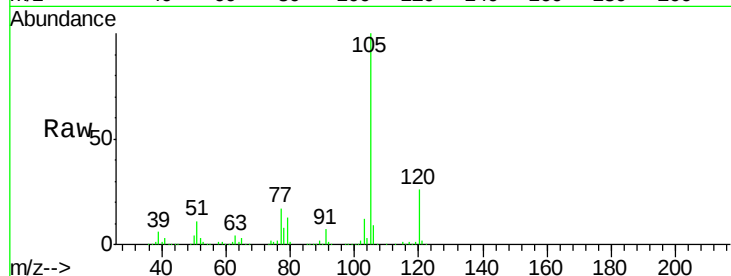
120 25.7 13.2 39.5

Manual Integrations

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10/28/2020 11:45:59 AM



#74

N-ethyl acetate

Concen: 54.205 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion: 43 Resp: 338725

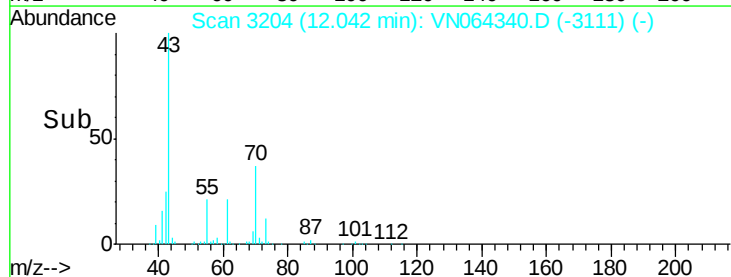
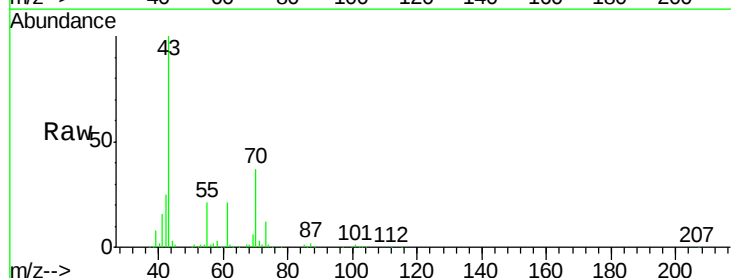
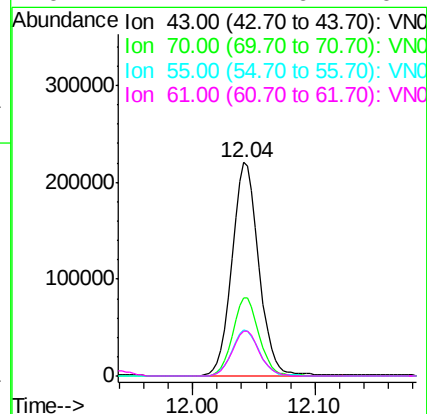
Ion Ratio Lower Upper

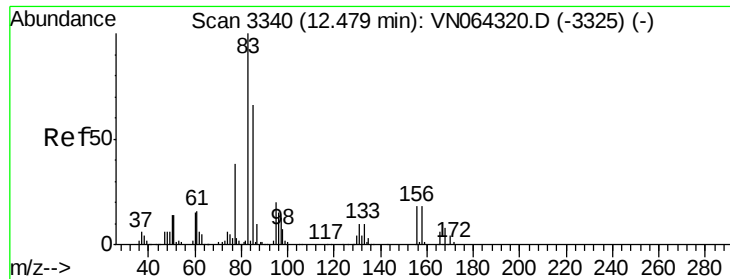
43 100

70 36.2 30.6 45.8

55 22.0 18.2 27.4

61 21.7 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.681 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 209146

Ion Ratio Lower Upper

83 100

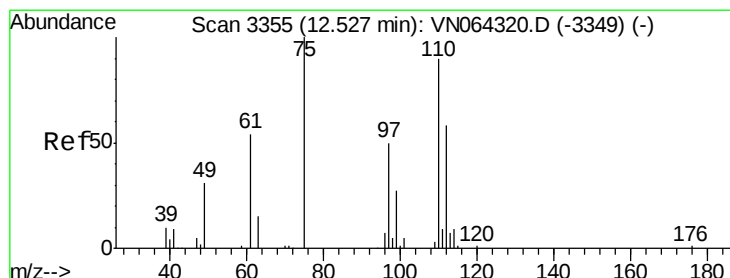
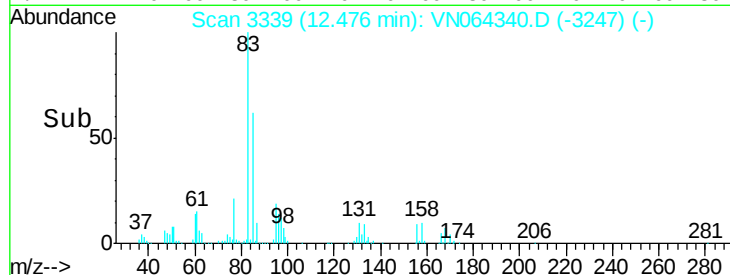
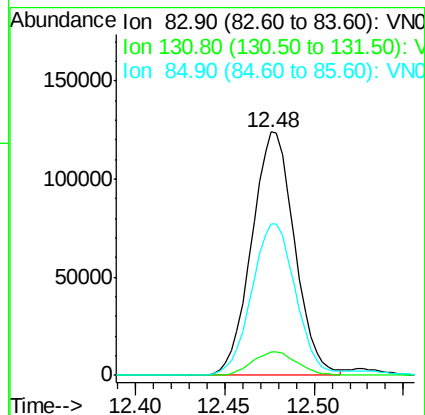
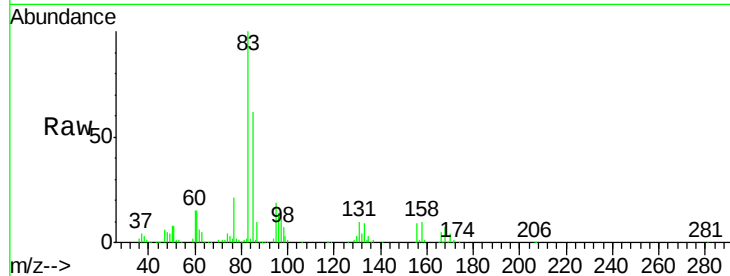
131 10.3 5.4 16.2

85 63.2 33.0 98.9

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#76

1,2,3-Trichloropropane

Concen: 48.170 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064340.D

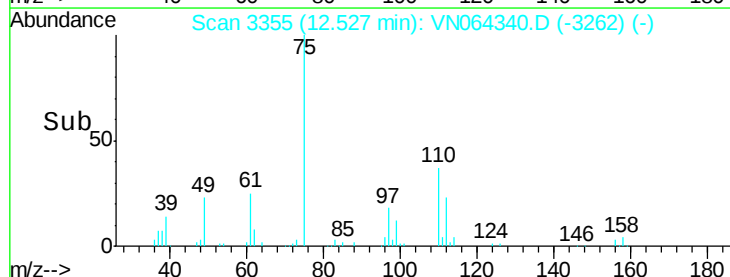
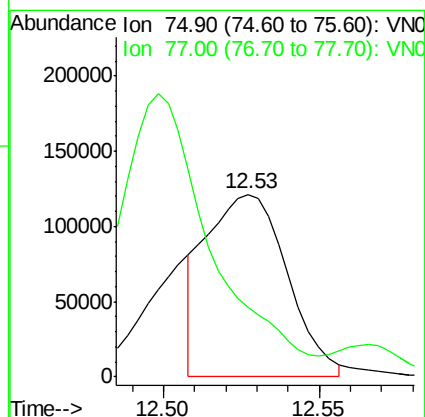
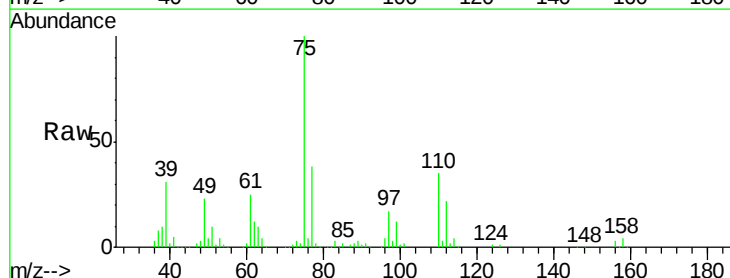
Acq: 27 Oct 2020 20:48

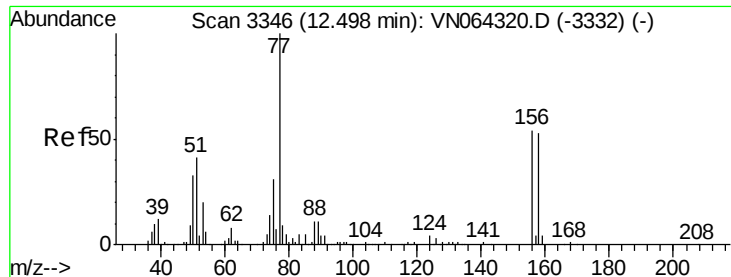
Tgt Ion: 75 Resp: 218659

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.265 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

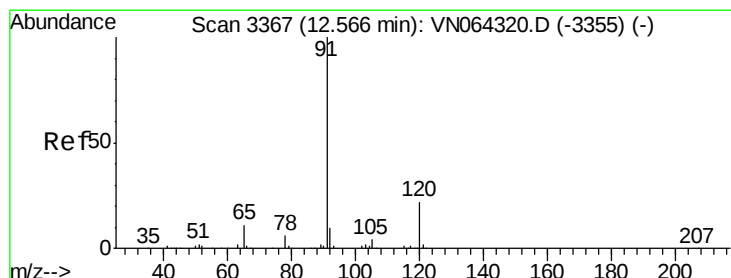
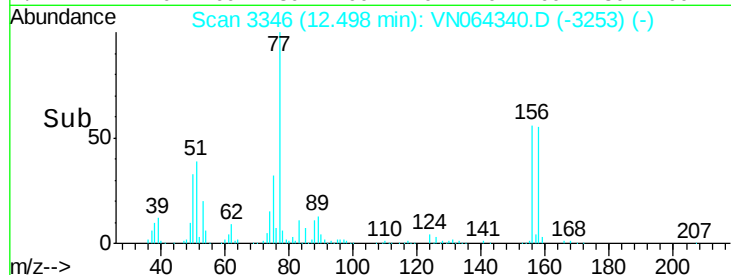
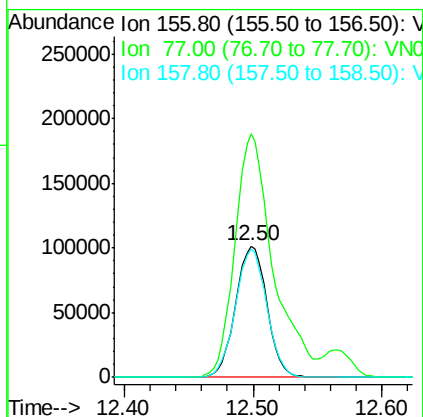
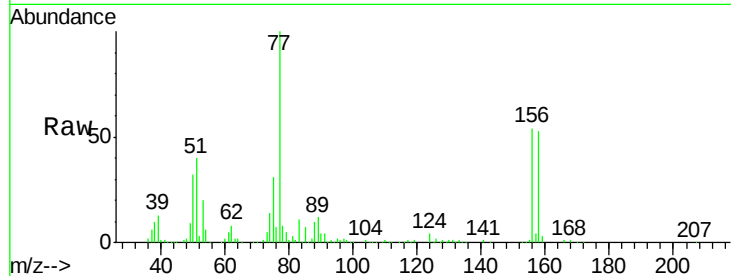
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	227.1	111.9	335.7
158	98.2	49.0	147.0

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#78

n-propylbenzene

Concen: 50.231 ug/l

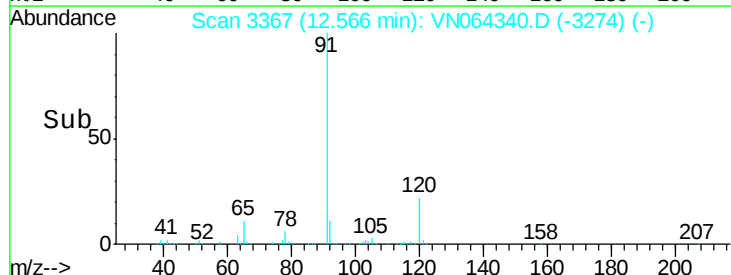
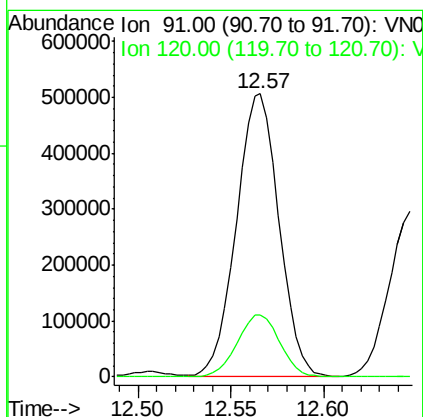
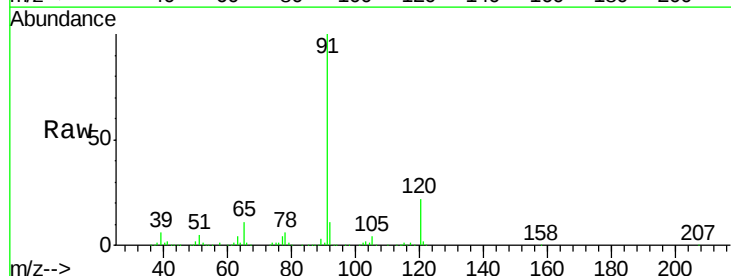
RT: 12.57 min Scan# 3367

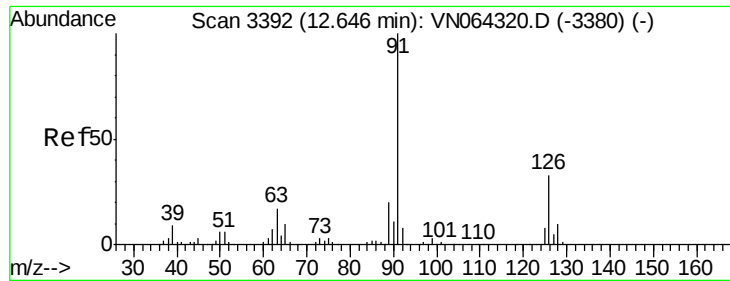
Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.2	33.5





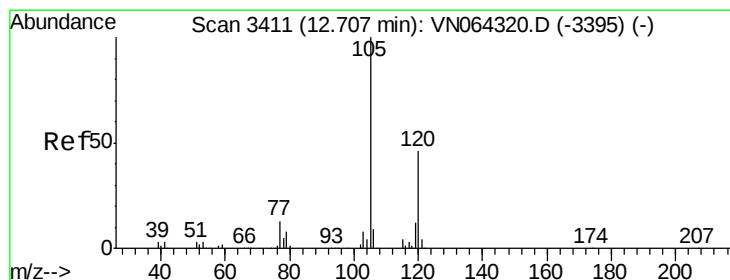
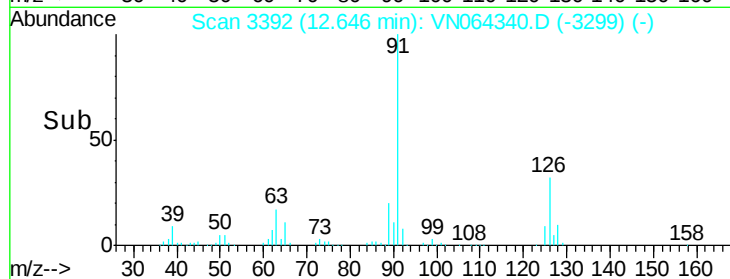
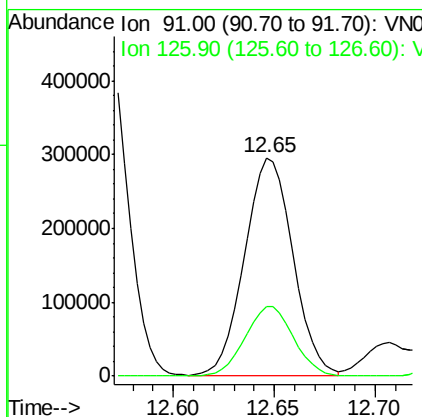
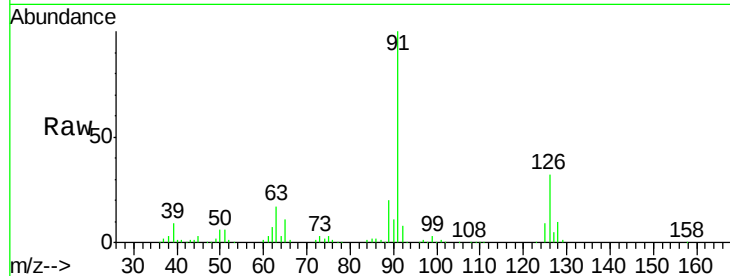
#79
 2-Chlorotoluene
 Concen: 48.403 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 497321
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.2 48.5

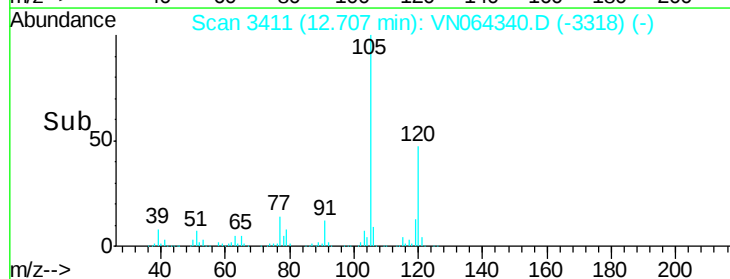
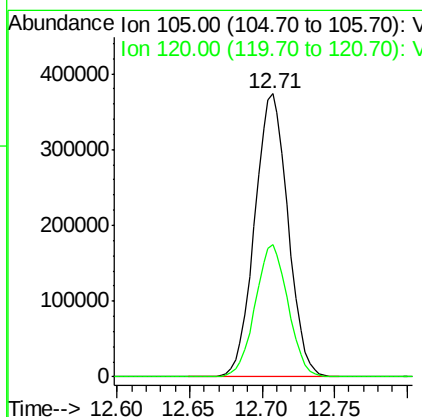
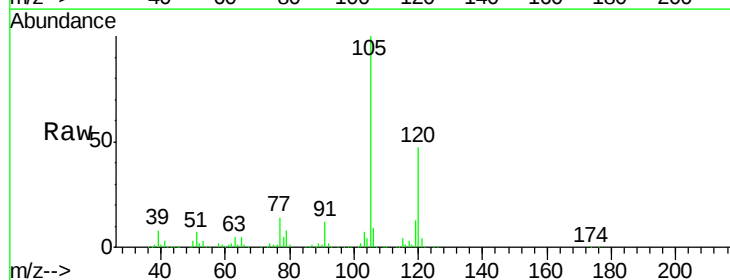
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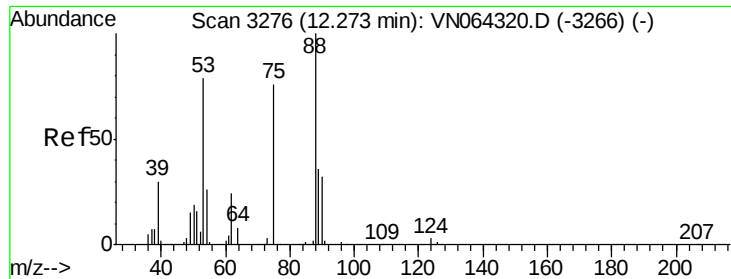
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.736 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion: 105 Resp: 597473
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.233 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

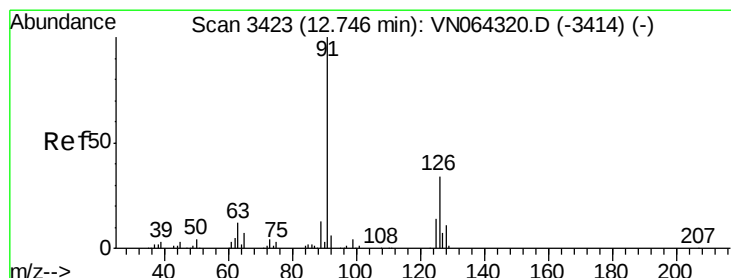
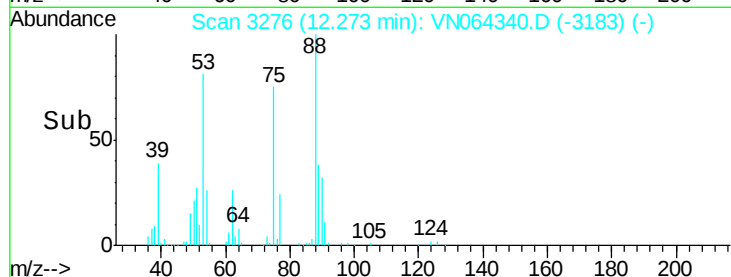
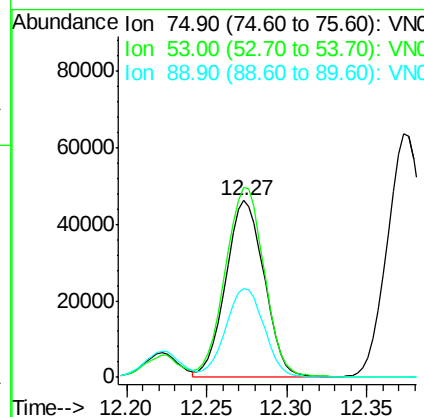
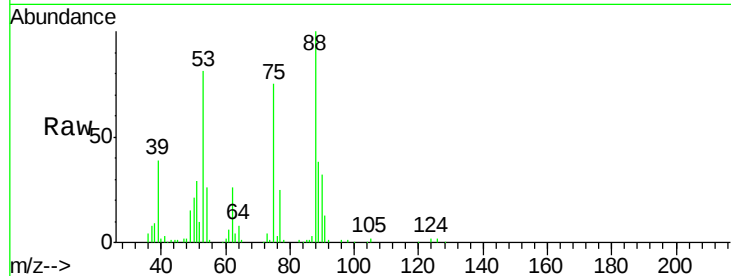
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	76008
Ion Ratio	Lower	Upper	
75	100		
53	110.8	81.8	122.8
89	50.4	39.9	59.9

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#82

4-Chlorotoluene

Concen: 50.425 ug/l

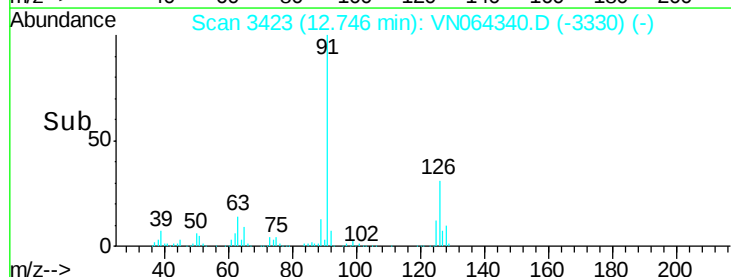
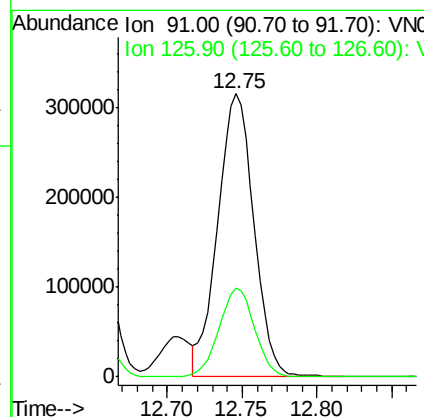
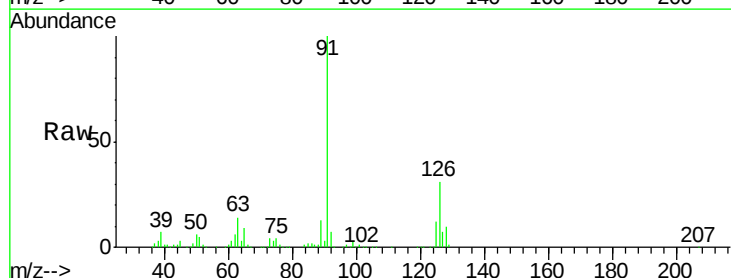
RT: 12.75 min Scan# 3423

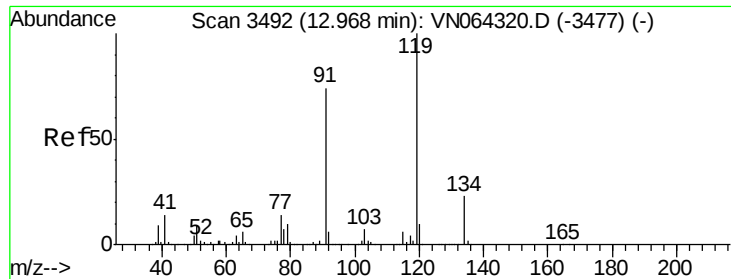
Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion:	91	Resp:	527804
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.8	47.3





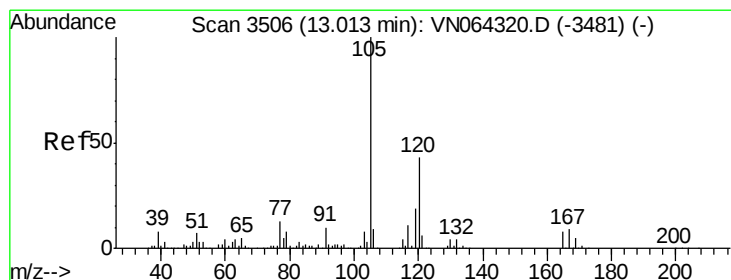
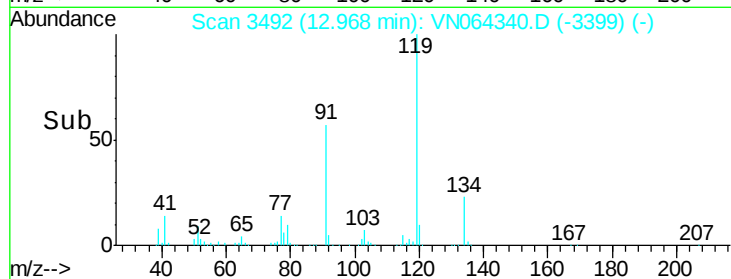
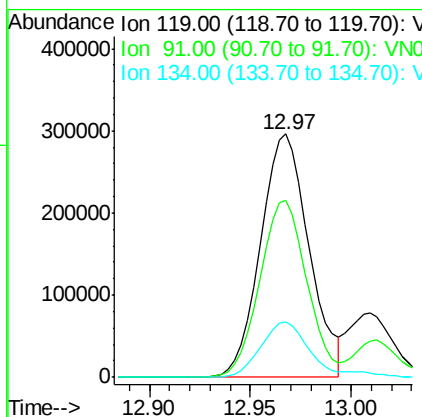
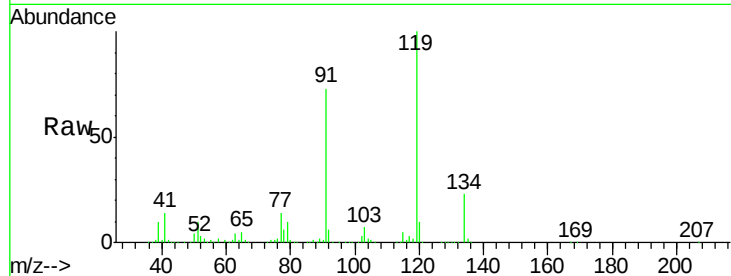
#83
 tert-Butylbenzene
 Concen: 50.248 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.4	36.4	109.1
134	23.9	12.0	36.1

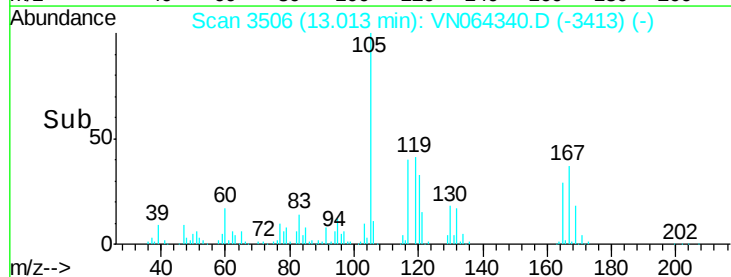
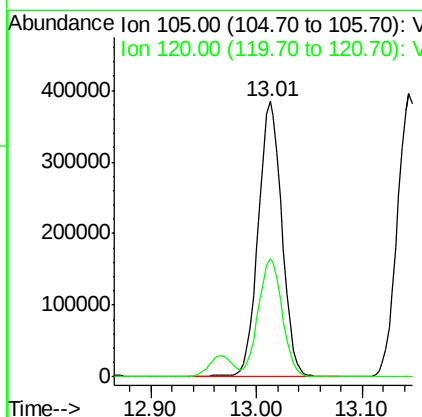
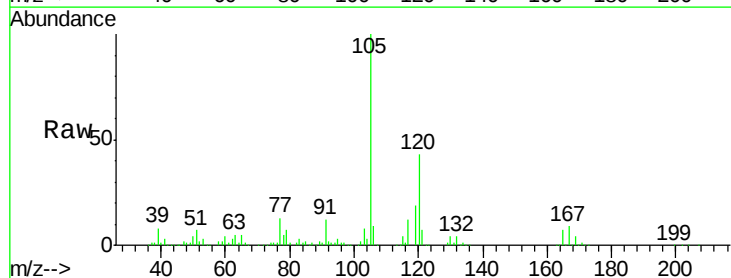
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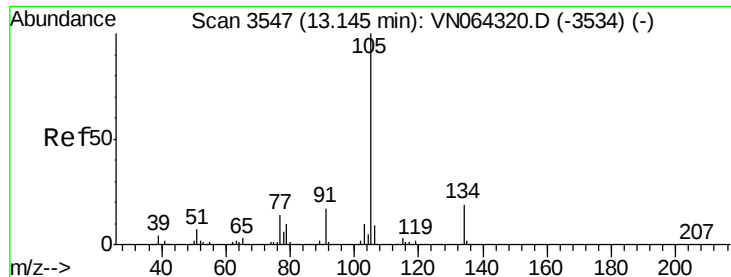
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.366 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.3	64.0





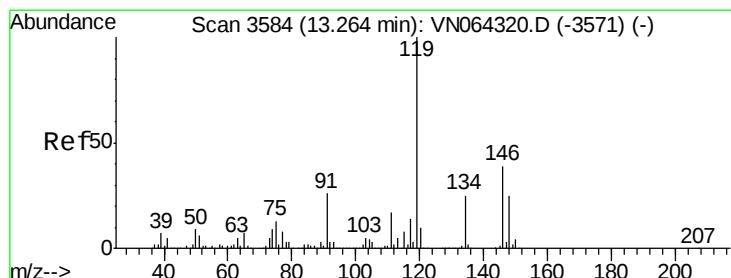
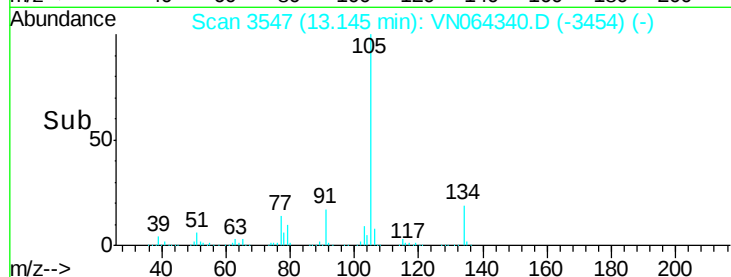
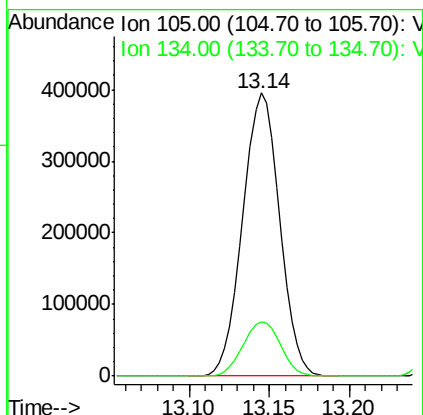
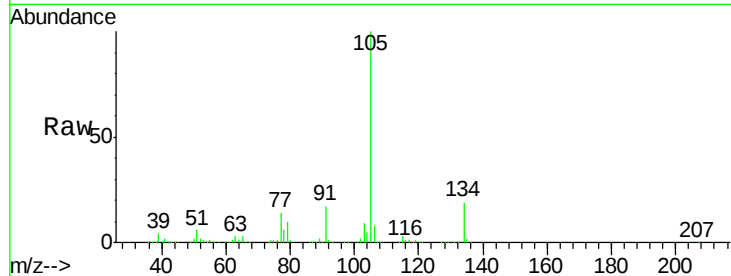
#85
 sec-Butylbenzene
 Concen: 48.763 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.6	28.8

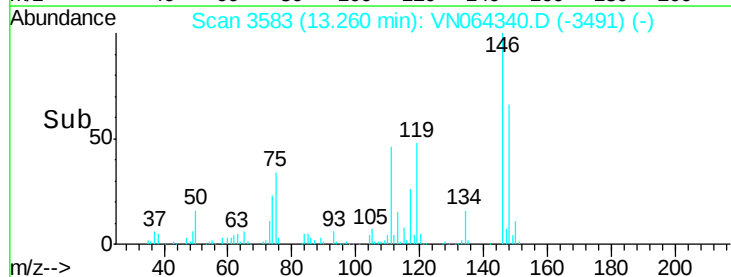
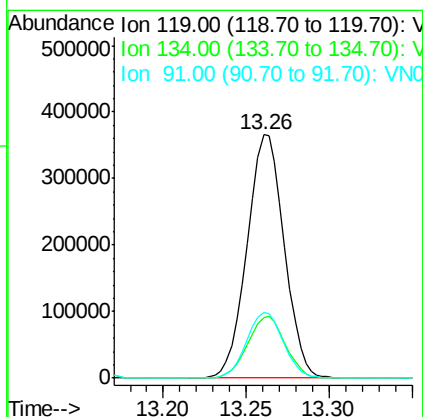
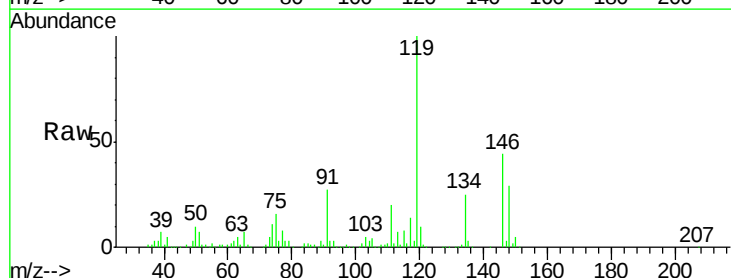
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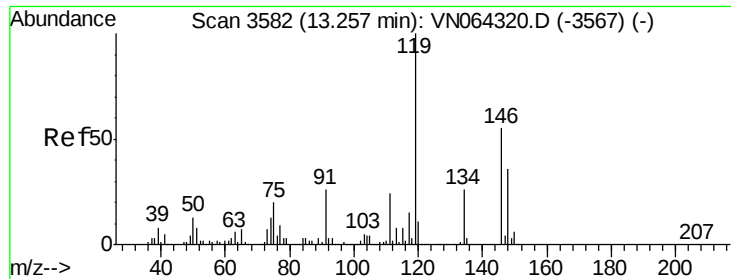
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#86
 p-Isopropyltoluene
 Concen: 49.387 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	26.8	13.0	38.9





#87

1,3-Dichlorobenzene

Concen: 48.819 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Instrument :

MSVOA_N

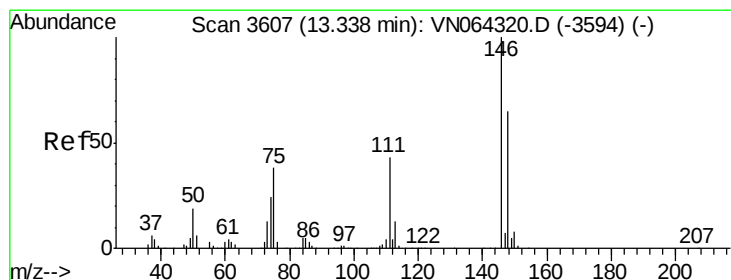
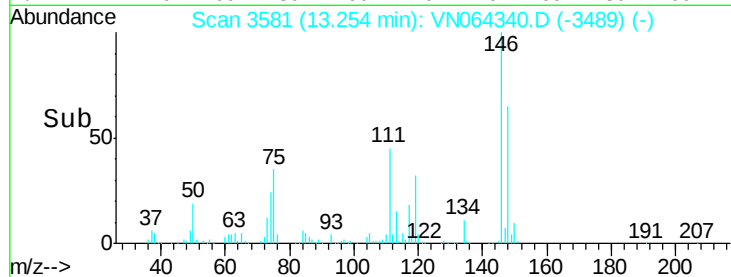
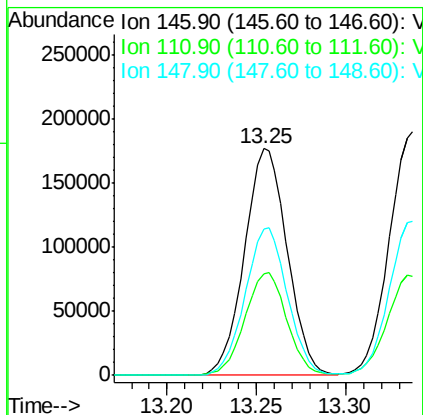
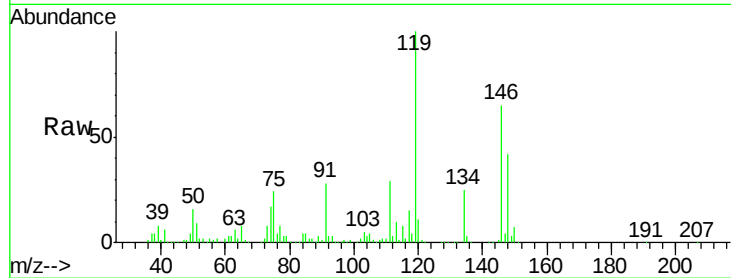
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	297110
Ion Ratio	Lower	Upper	
146	100		
111	44.6	21.9	65.5
148	64.2	32.6	98.0

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#88

1,4-Dichlorobenzene

Concen: 49.645 ug/l

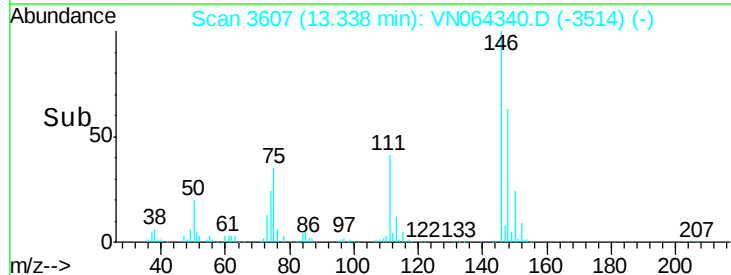
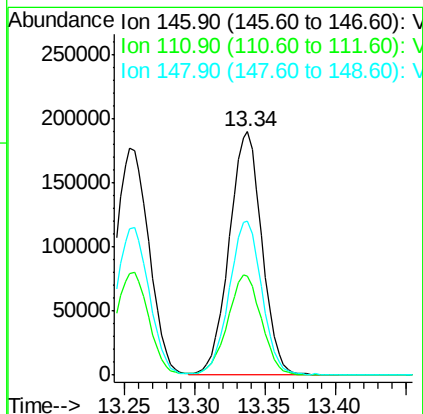
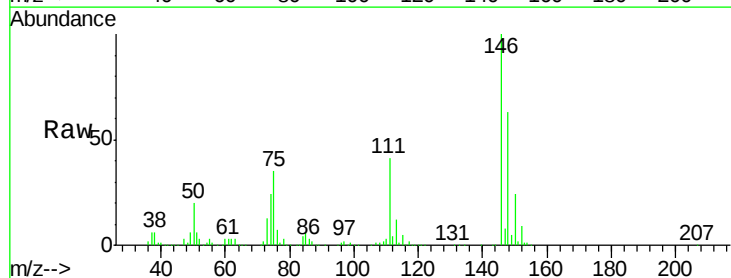
RT: 13.34 min Scan# 3607

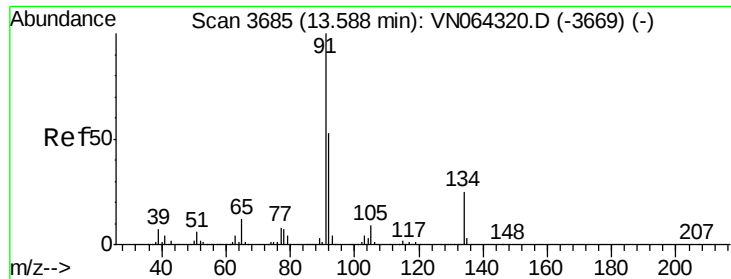
Delta R.T. -0.00 min

Lab File: VN064340.D

Acq: 27 Oct 2020 20:48

Tgt Ion:	146	Resp:	307734
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.8	65.4
148	63.4	31.8	95.3





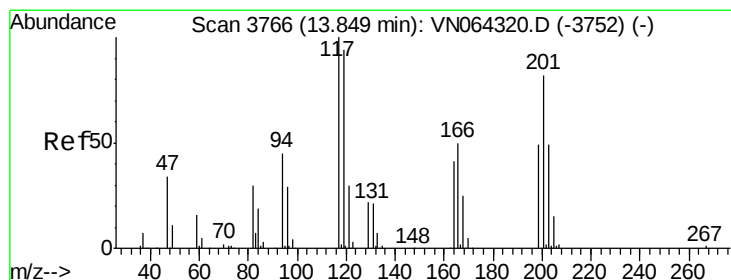
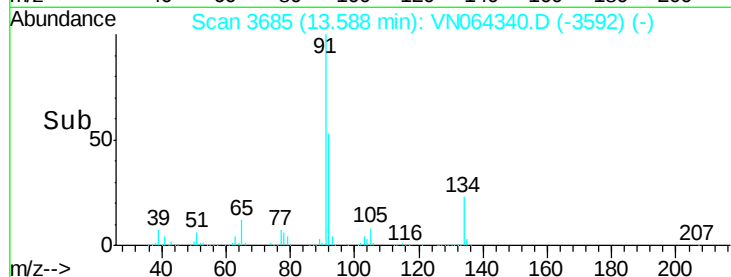
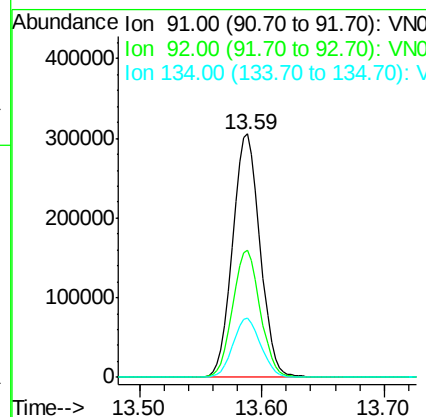
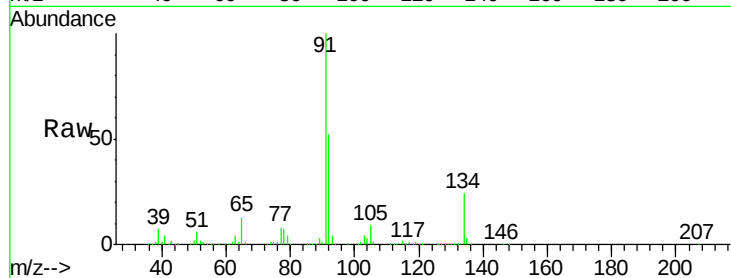
#89
n-Butylbenzene
Concen: 47.637 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.2	78.5
134	24.5	12.4	37.4

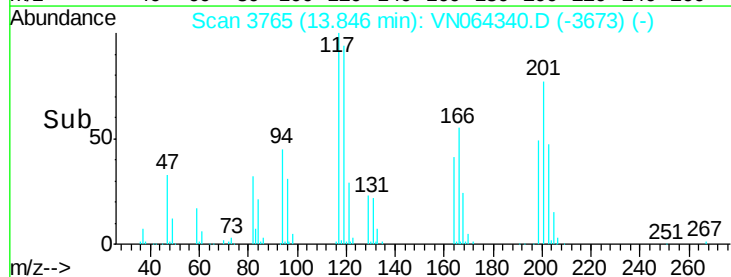
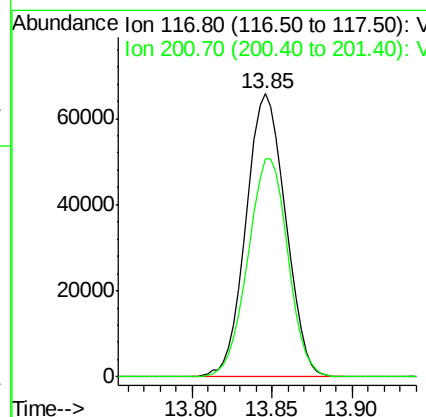
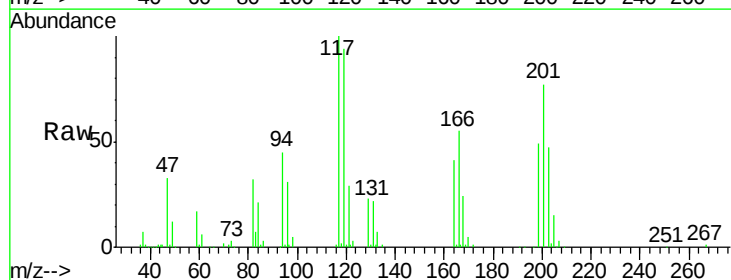
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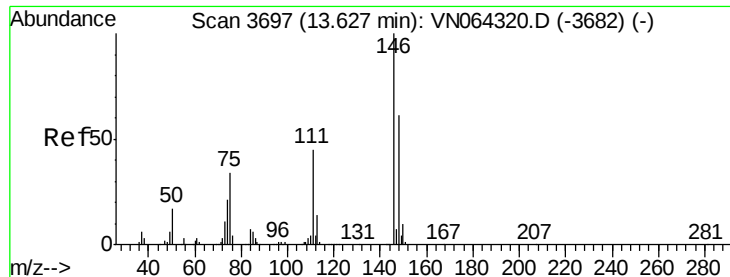
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#90
Hexachloroethane
Concen: 51.276 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.3	39.8	119.3





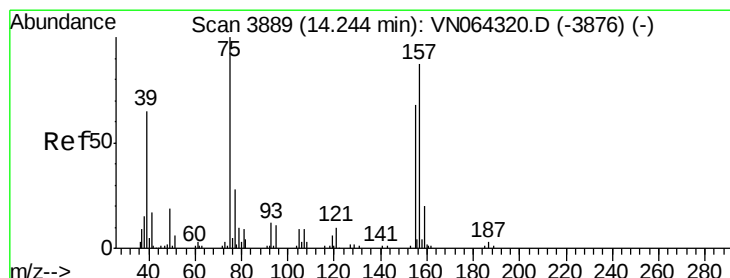
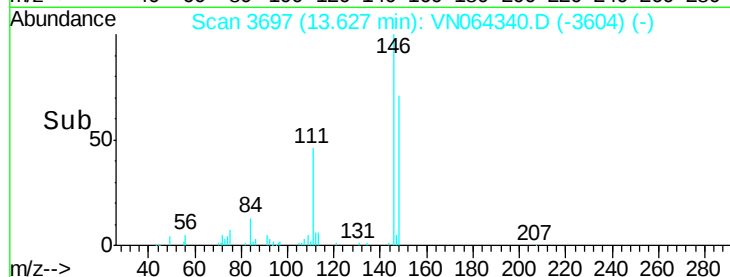
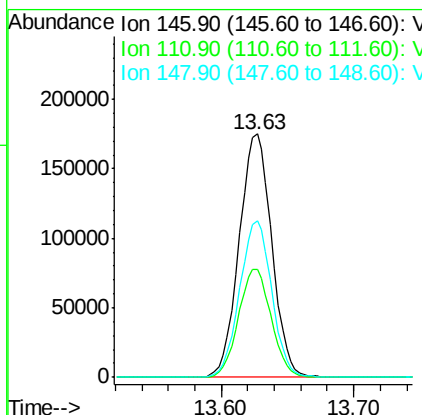
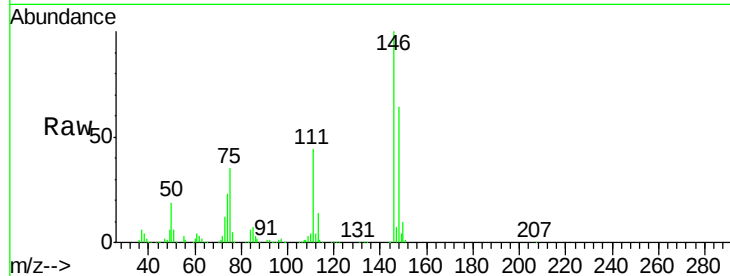
#91
 1,2-Dichlorobenzene
 Concen: 49.492 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	23.0	69.0
148	63.4	32.1	96.3

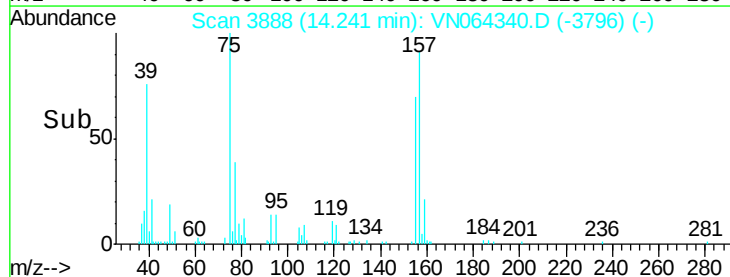
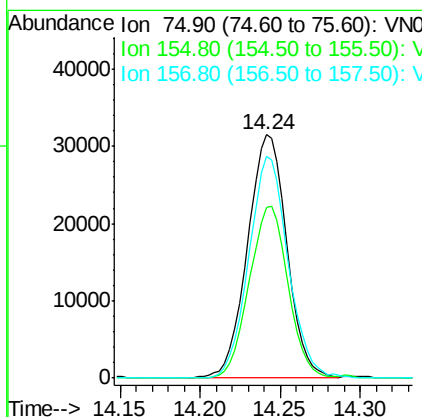
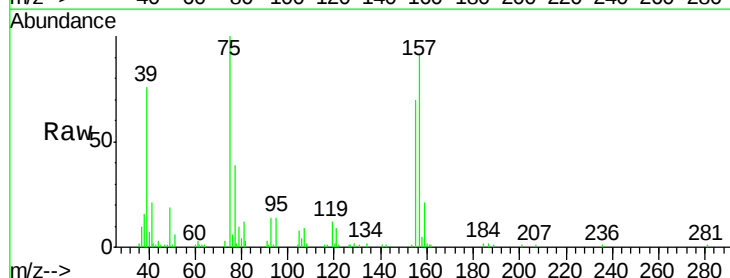
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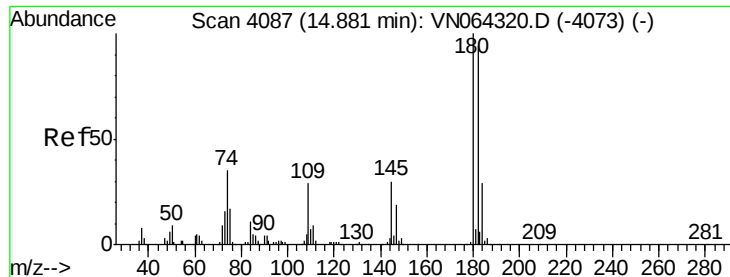
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.666 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	35.1	105.5
157	91.0	43.2	129.6





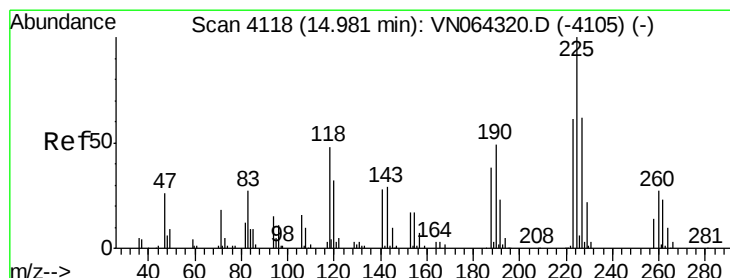
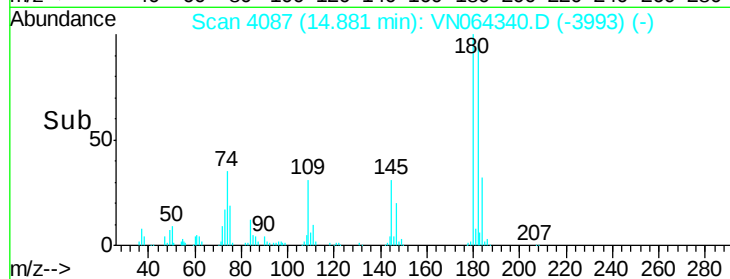
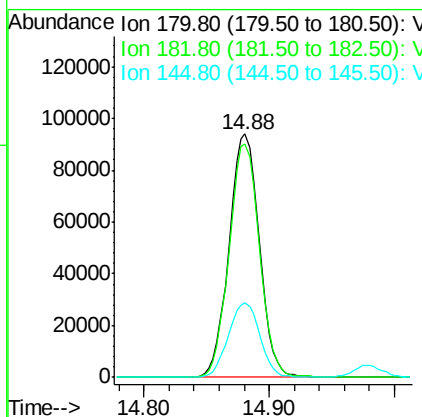
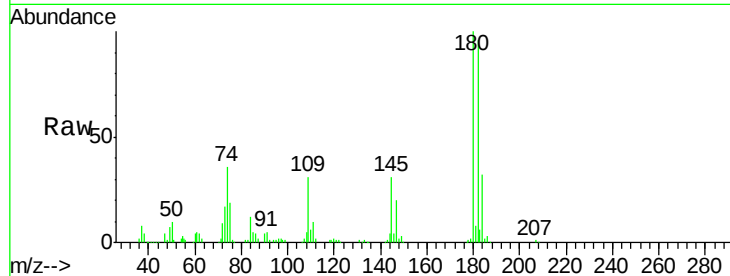
#93
 1,2,4-Trichlorobenzene
 Concen: 45.522 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	157646		
182	96.3	46.6	139.7	
145	31.9	15.3	45.9	

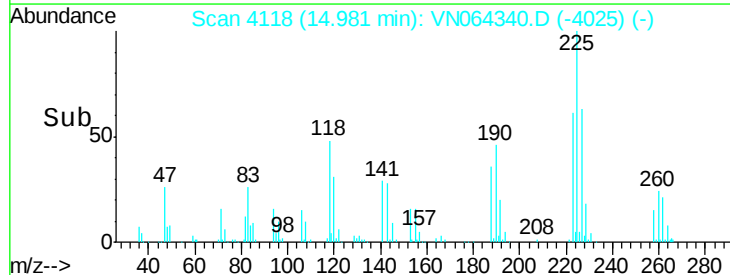
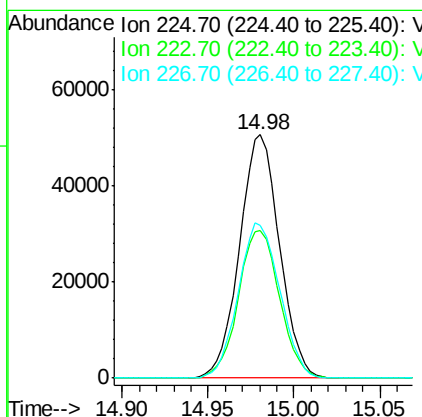
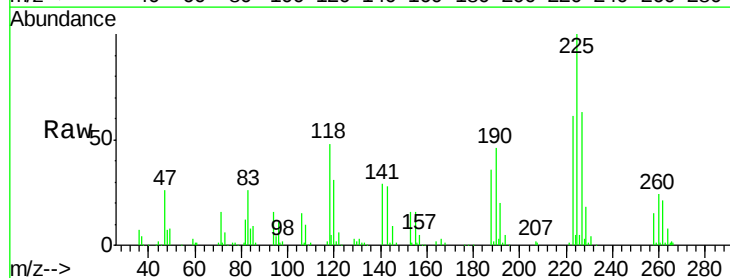
Manual Integrations
 APPROVED

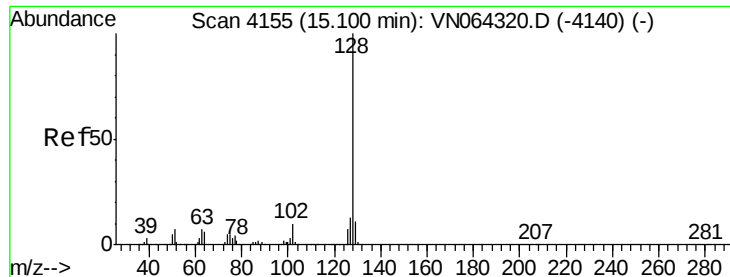
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 44.003 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064340.D
 Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81705		
223	62.6	31.3	93.8	
227	66.1	32.3	96.9	





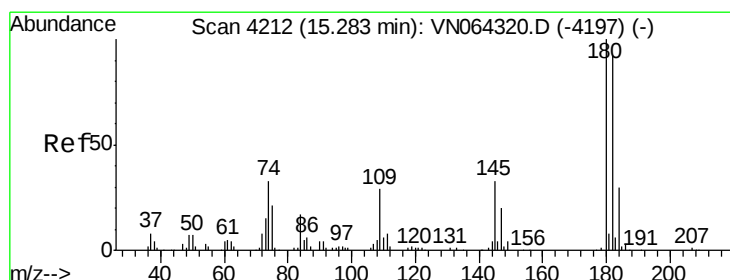
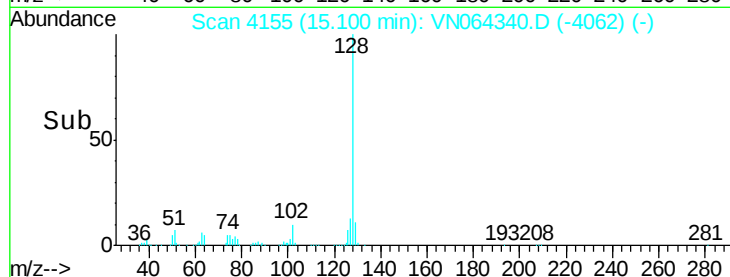
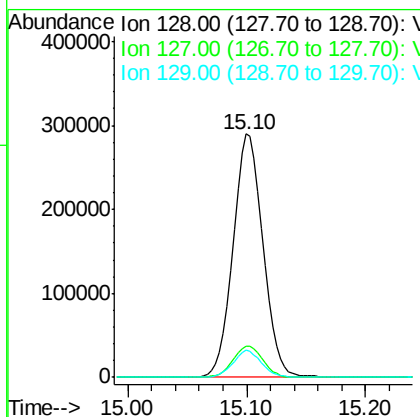
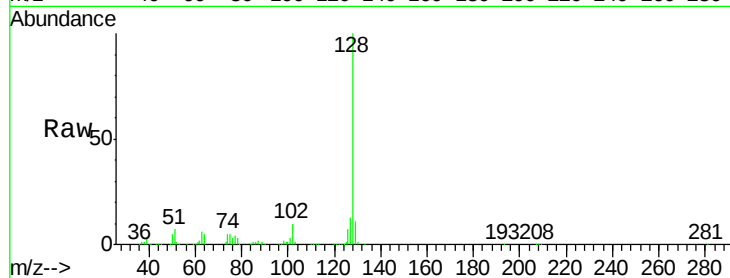
#95
Naphthalene
Concen: 47.149 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	503698		
127	13.0		10.4	15.6
129	10.6		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.081 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064340.D
Acq: 27 Oct 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	153864		
182	95.9		46.1	138.3
145	34.1		16.2	48.5

